Assessment Report on the 2011 Trenching and Diamond Drilling Program

Charlotte Property

Whitehorse Mining District, Yukon Territory
In reference to claims and leases:

DD1-2 (YA59596-YA59597)
DOME 6-7 (73542-73543)
DOME 16-20(73702-73706
DOME 49-58(77770-77779)
DOME 78-84 (81842-81848)
EEK 14-18 (YA87223-YA87227)
HIW 9 -17 (YA23835-YA23843)
ONT 40 (YA87206)
TBR 1-8 (YA86690-YA86697)
WAR EAGLE (4279)
ARLEP (4368)
PUB (55663)
JAM (55890)
DD15-28 (YA59610 – YA59623)
DOME 8(73694)
DOME 25-28(77746-77749)
DOME 60-61 (77781-77782)
DOME 86 (81850)
HIW 1-2 (YA24813-YA24814)
JOANNE 1-6 (74283-74288)
ONT 42 (YA87208)
ROSE (4241)
SHAMROCK (4354)
PHYLLIS (4369)
SUN DOG (55665)
PAM (55892)
DOME 1-4 (73537-73540)
DOME 14 (73700)
DOME 33-43(77754-77764)
DOME 63-66 (77784-77787)
EEK 1-9 (YA87210-YA87218)
HIW 7 (YA24819)
ONT 38 (YA87204)
ONT 44-47 (YA92665-658)
GOLDEN EAGLE (4278)
SPOT (4361)
RUB (55633)
CUB (55666)

Located at Latitude 62°09'00.07"N, Longitude 137°09'50.32"
NTS Mapsheet 115I/03

For Work Performed Between May 15th - August 31st, 2011

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15 May of 2012

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Summary

The Charlotte 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 128 full or fractional quartz mining claims and leases that comprise a total area of 2336 hectares.

The region lies within the Tintina Gold Belt, a 200 kilometre wide and 1,200 kilometre-long trend of mid- to Late Cretaceous granitoid intrusions (diorite, granodiorite, quartz monzonite, and 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 intrusives, sedimentary and volcanic rocks in 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.

The area has been worked by placer and hard rock explorers intermittently since the first placer gold discovery on Nansen Creek in 1899. The first geology map of the area was produced in 1933 while hard rock mining of one of the vein systems first occurred in 1947 and has been periodically mined by several operators in the 1960's, 1970's and again late 1980 and early 1990's. Exploration has occurred throughout the area regularly since the mid 1940's by numerous individuals, companies, and syndicates. Most notably, in the mid to late 1980's and again in the early to mid 1990's and 2000's considerable exploration took place on the Discovery Creek, Webber, Flex and Huestis areas including in 2010 the completion of a 14 hole diamond drill program on the Flex Zone by Guinness Exploration Inc. They also undertook trenching at the Orloff-King and GRW prospects. In the fall 2010, Ansell optioned the claims from Guiness Exploration and continued to plan and execute the 2011 field program.

In May 2011 Ansell Capital Corp optioned the neighbouring Discovery Creek property (190 claims and leases located immediately west of the Charlotte claims) from Aurchem Exploration and conducted rudimentary geochemistry and verification of historic work from its camp and field program on the Charlotte Property. They also staked 11 new claims to fill in the gaps between the two claim blocks and drilled 22 holes for 3607.93 metres and excavated two new trenches for 221 metres on the Charlotte Property. A total of 868 soil samples and 78 hand samples (23 for assaying) were collected together with geological and geochemical reconnaissance. All samples were taken to Acme Analytical Labs in Whitehorse and a rigorous QA/QC program was maintained by CMG personnel.

The best Au in soil is 2307.9 ppb Au and contained 178.9 ppm Cu as well as is located in the porphyry area in the northern part of the property. The second best Au in soil, also contained the highest Pb and

Zn values: 1377.5 ppb Au, 23.6 Ag, 4783.7 ppm Pb and 859 ppm Zn located in the Eliza Creek area. The soils confirmed the presence of a Cu-Mo-Au porphyry in the northern part of the claim block.

The geological mapping program confirmed complicated vein and epithermal mineralization in outcrop and trenches. The trenching program concluded low grade Au and Cu mineralization in the GRW, which increases to the north. Trenching in the Dickson Zone indicates that mineralization extents to the SE in to Back Creek area.

The drilling program expanded the known extent of the Flex Zone to the west, south and at depth. As a result of the program, mineralization is still open in the 3 directions, although there are suggestions of the Flex system being related to Huestis and Webber zones below the current extent of drilling. A repetitive nature to the core gives an indication of a possible fold in the deposit. Drilling in the Orloff-King Zone resulted in short intervals of Ag-Pb-Zn mineralization with Au. Drilling results and logging suggest that there are two episodes of veining, similarly to what is hypothesized for both the Discovery Creek area and the Flex Zone.

A total of $1,522,682.73 was expended on the 2011 diamond drilling, trenching, reconnaissance geological mapping, geochemical soil and hard rock sampling, and GIS data compilation program. A preliminary budget of $4,000,000.00 has been included for discussion purposes only and is based on the recommendations as presented.

Property Description and Location

The Charlotte Project is located within the Whitehorse Mining District on NTS mapsheet 115I/03 (Figure 1). The claim block consists of 128 full or fractional quartz mining claims and leases (see Table 1 and Figure 2) for a total of 2336.14 hectares centred at approximately N 62°03'00.07"/W 137°09'50.32". The claims are contiguous although currently they form an irregular shape due to several earlier generations of claim staking.

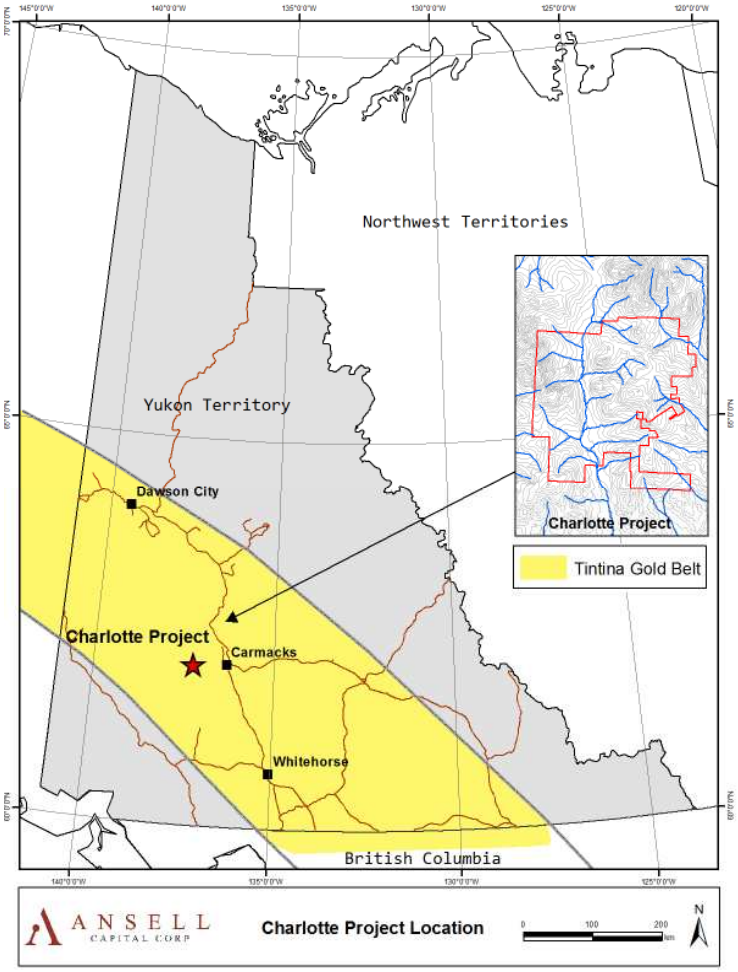


Figure 1. Charlotte Property Location

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. Much of the property lies on crown land and management is the responsibility of the Yukon Territorial Government. However, a part of the claim block is situated on settlement land and its management is subject to the terms and conditions of the 1998 final negotiated agreement between the governments of Canada, the Yukon and the Little Salmon/Carmacks First Nation. The legal mineral claim owner retains the right to work on claims held in good standing that overlie settlement lands. However, if the mineral claims are allowed to lapse, the area under expired tenure will revert to the First Nation.

Future development of the Charlotte 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 been established by CMG as per the requirements of the Class 3 Mining Lands Permit which was issued to facilitate the 2010 and 2011 exploration programs. The Little Salmon/Carmacks First Nation administration office is located in Carmacks.

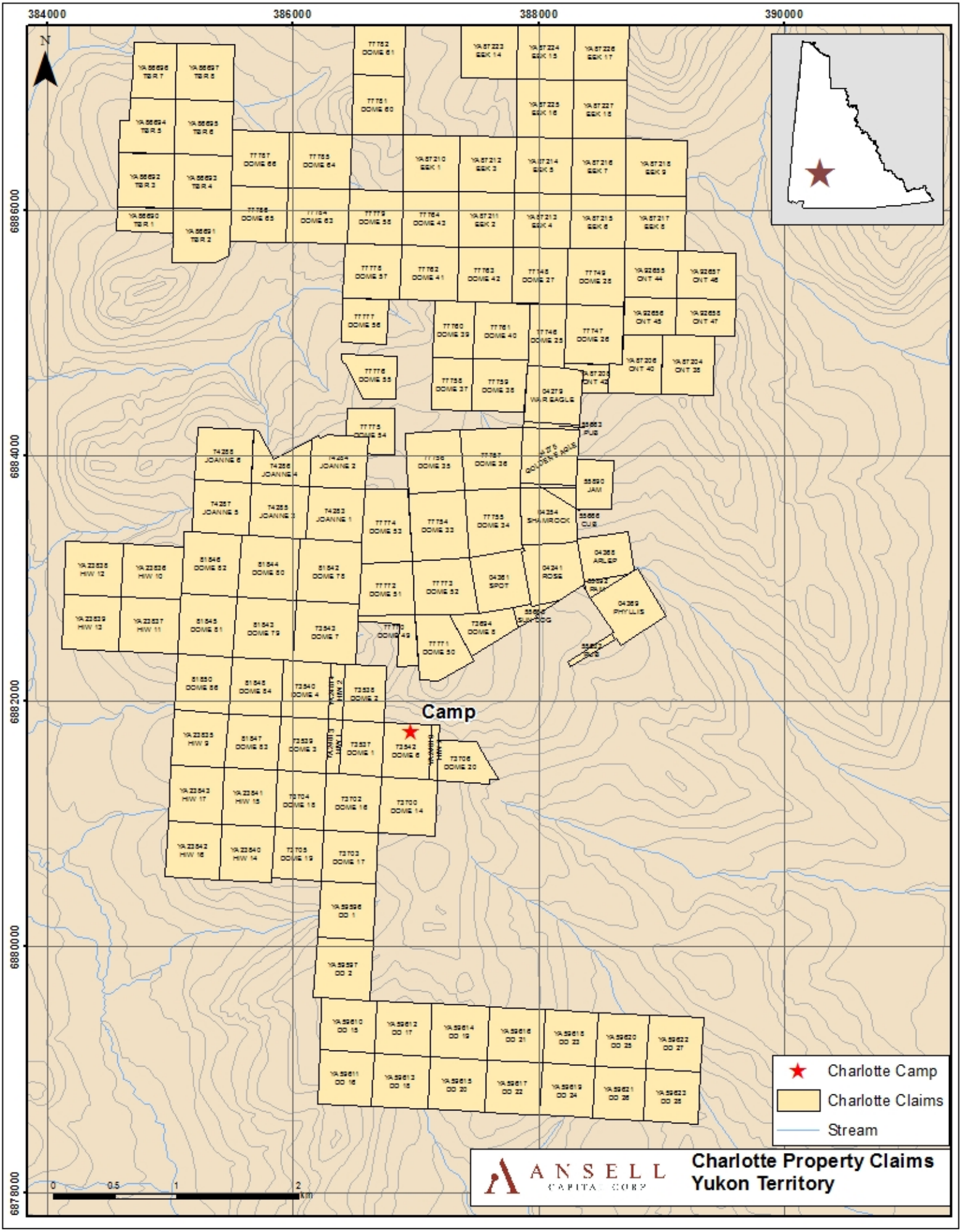


Figure 2: Charlotte Claim Map

Grant Number	Claim Name	Lease Number	Owner	Expiry Date	Date Requested	Area (ha)
4241	ROSE	OW00044	101073531 Saskatchewan Ltd. - 100%	09/10/2019	NA	20.41
4278	GOLDEN EAGLE	OW00045	101073531 Saskatchewan Ltd. - 100%	09/10/2019	NA	20.95
4279	WAR EAGLE	OW00046	101073531 Saskatchewan Ltd. - 100%	09/10/2019	NA	20.76
4354	SHAMROCK	OW00047	101073531 Saskatchewan Ltd. - 100%	09/10/2019	NA	20.72
4361	SPOT	OW00049	101073531 Saskatchewan Ltd. - 100%	06/02/2018	NA	19.91
4368	ARLEP	OW00051	101073531 Saskatchewan Ltd. - 100%	09/10/2019	NA	14.47
4369	PHYLLIS	OW00052	101073531 Saskatchewan Ltd. - 100%	09/10/2019	NA	20.25
55633	RUB	OW00054	101073531 Saskatchewan Ltd. - 100%	09/10/2019	NA	1.84
55663	PUB	OW00056	101073531 Saskatchewan Ltd. - 100%	09/10/2019	NA	1.93
55665	SUN DOG	OW00057	101073531 Saskatchewan Ltd. - 100%	09/10/2019	NA	3.20
55666	CUB	OW00058	101073531 Saskatchewan Ltd. - 100%	09/10/2019	NA	1.29
55890	JAM	OW00059	101073531 Saskatchewan Ltd. - 100%	09/10/2019	NA	11.64
55892	PAM	OW00060	101073531 Saskatchewan Ltd. - 100%	09/10/2019	NA	2.64
73537	DOME 1	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	15.09
73538	DOME 2	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	15.50
73539	DOME 3	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	17.28
73540	DOME 4	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	17.97
73542	DOME 6	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	17.31
73543	DOME 7	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	25.33
73694	DOME 8	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	12.46
73700	DOME 14	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	21.06
73702	DOME 16	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.60
73703	DOME 17	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	18.40
73704	DOME 18	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	18.55
73705	DOME 19	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	16.73
73706	DOME 20	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	13.41
74283	JOANNE 1	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.78
74284	JOANNE 2	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.50
74285	JOANNE 3	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.35
74286	JOANNE 4	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	14.77
74287	JOANNE 5	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.82
74288	JOANNE 6	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.69
77746	DOME 25	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	15.19
77747	DOME 26	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	22.53
77748	DOME 27	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.31
77749	DOME 28	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	21.73
77754	DOME 33	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	25.49
77755	DOME 34	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	23.28
77756	DOME 35	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	22.38
77757	DOME 36	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	23.95
77758	DOME 37	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	14.23
77759	DOME 38	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	18.47
77760	DOME 39	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	14.95
77761	DOME 40	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.50
77762	DOME 41	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.75
77763	DOME 42	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.92
77764	DOME 43	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.46
77770	DOME 49	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	8.18
77771	DOME 50	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	18.82
77772	DOME 51	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.04
77773	DOME 52	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	21.83
77774	DOME 53	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	22.79
77775	DOME 54	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	14.68
77776	DOME 55	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	13.09
77777	DOME 56	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	13.35

Table 1: List of Charlotte claims and expiry dates.

Grant Number	Claim Name	Lease Number	Owner	Expiry Date	Date Requested	Area (ha)
77778	DOME 57	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.46
77779	DOME 58	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.40
77781	DOME 60	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.05
77782	DOME 61	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	18.90
77784	DOME 63	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	22.50
77785	DOME 64	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	22.87
77786	DOME 65	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.65
77787	DOME 66	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	21.17
81842	DOME 78	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	25.40
81843	DOME 79	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	24.09
81844	DOME 80	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	24.19
81845	DOME 81	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	22.50
81846	DOME 82	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	23.25
81847	DOME 83	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	18.71
81848	DOME 84	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.36
81850	DOME 86	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.75
YA23835	HIW 9	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.43
YA23836	HIW 10	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.82
YA23837	HIW 11	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	21.54
YA23838	HIW 12	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.92
YA23839	HIW 13	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.71
YA23840	HIW 14	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.54
YA23841	HIW 15	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.14
YA23842	HIW 16	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.85
YA23843	HIW 17	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.91
YA24813	HIW 1	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	4.73
YA24814	HIW 2	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	5.15
YA24819	HIW 7	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	3.01
YA59596	DD 1	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.61
YA59597	DD 2	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	22.34
YA59610	DD 15	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.19
YA59611	DD 16	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.20
YA59612	DD 17	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.37
YA59613	DD 18	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.84
YA59614	DD 19	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.16
YA59615	DD 20	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.89
YA59616	DD 21	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.63
YA59617	DD 22	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.16
YA59618	DD 23	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	18.68
YA59619	DD 24	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	18.29
YA59620	DD 25	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	18.17
YA59621	DD 26	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	17.64
YA59622	DD 27	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.48
YA59623	DD 28	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	18.70
YA86690	TBR 1	-	101073531 Saskatchewan Ltd. - 100%	06/02/2019	06/02/2020	8.92
YA86691	TBR 2	-	101073531 Saskatchewan Ltd. - 100%	06/02/2019	06/02/2020	20.15
YA86692	TBR 3	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.02
YA86693	TBR 4	-	101073531 Saskatchewan Ltd. - 100%	06/02/2019	06/02/2020	20.83
YA86694	TBR 5	-	101073531 Saskatchewan Ltd. - 100%	06/02/2019	06/02/2020	18.33
YA86695	TBR 6	-	101073531 Saskatchewan Ltd. - 100%	06/02/2019	06/02/2020	20.91
YA86696	TBR 7	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	15.95
YA86697	TBR 8	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	21.78
YA87204	ONT 38	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.25

Table 1: List of Charlotte claims and expiry dates.

Grant Number	Claim Name	Lease Number	Owner	Expiry Date	Date Requested	Area (ha)
YA87206	ONT 40	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	18.33
YA87208	ONT 42	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	5.73
YA87210	EEK 1	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	21.06
YA87211	EEK 2	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.07
YA87212	EEK 3	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.69
YA87213	EEK 4	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.67
YA87214	EEK 5	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.79
YA87215	EEK 6	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.57
YA87216	EEK 7	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	19.96
YA87217	EEK 8	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	21.90
YA87218	EEK 9	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	22.63
YA87223	EEK 14	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	21.34
YA87224	EEK 15	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	21.20
YA87225	EEK 16	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	21.75
YA87226	EEK 17	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.00
YA87227	EEK 18	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	20.73
YA92655	ONT 44	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	16.79
YA92656	ONT 45	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	12.90
YA92657	ONT 46	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	18.47
YA92658	ONT 47	-	101073531 Saskatchewan Ltd. - 100%	06/02/2018	06/02/2019	14.40

* The given expiry date does not include assessment credits obtained during the 2011 field season.

Table 1: List of Charlotte claims and expiry dates.

Accessibility, Local Resources and Infrastructure

The Charlotte Property (Figures 1 and 3) 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 kilometres northwest of Whitehorse and 60 kilometres west of the village of Carmacks. From Whitehorse, the property is accessed via the Klondike Highway to Carmacks and the Mt. Nansen Mine Road from Carmacks to the property. The Mt. Nansen Road is a year round all weather road that is maintained by the Territorial Government. A comprehensive network of mining roads services the property, the adjacent properties, the BYG Mine and active placer operations.

Whitehorse is a full service community with all the amenities necessary to service an advanced stage exploration or mining project. It has an experienced work-force in exploration and is also the centre of the Territorial Government including the Mining Recorders office and the Yukon Geological Survey. The international airport has daily air service to Calgary, Edmonton and Vancouver as well as summer season direct flights to Europe. The village of Carmacks has a population of approximately 450 citizens. Amenities are limited but include lodging, fuel and mechanical service, and a grocery store. There is a limited pool of skilled labour, such as mechanics and electricians and a larger pool of unskilled labour. Carmacks is also home to the Little Salmon/Carmacks First Nation and they have a band office located in town.

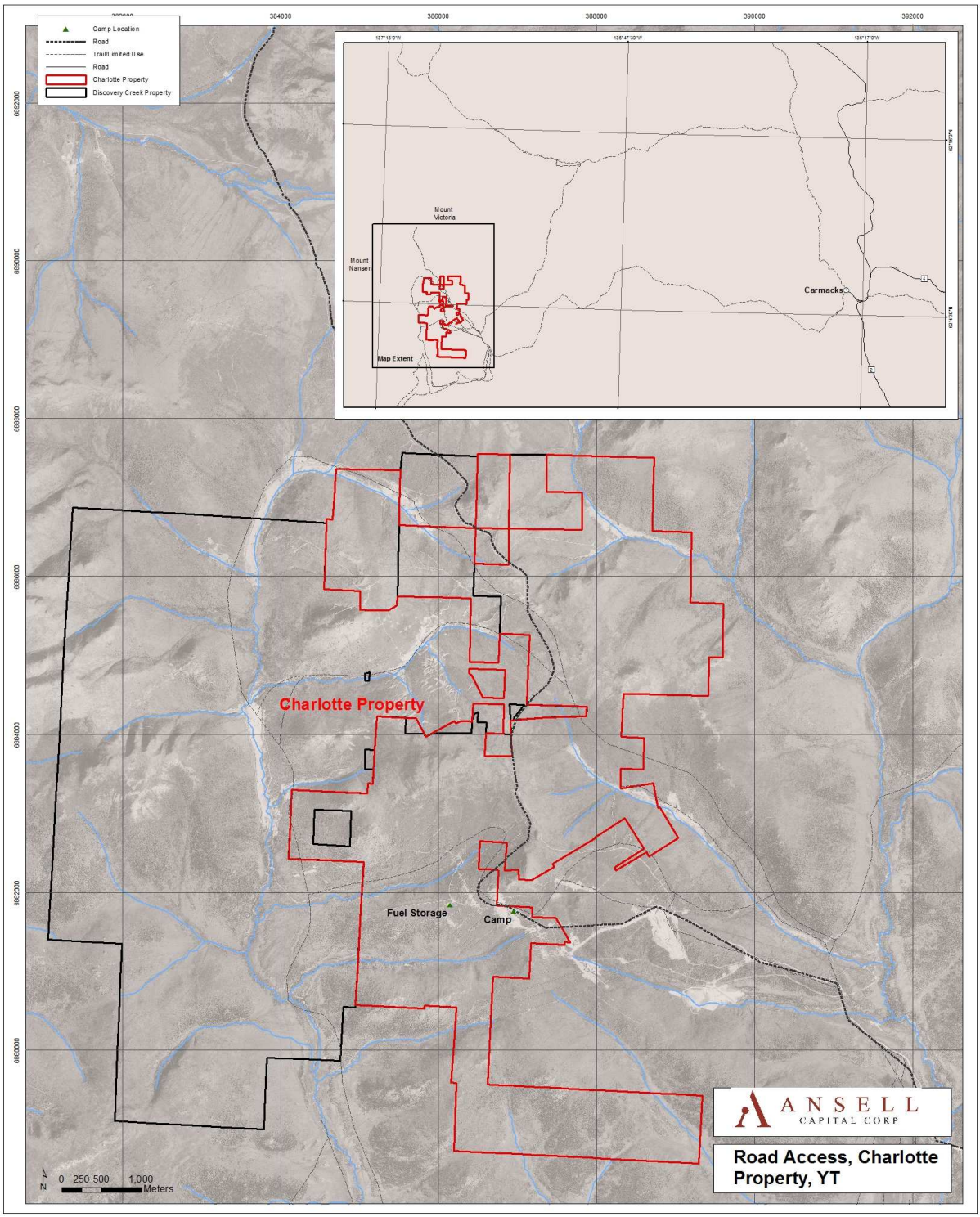


Figure 3: Road access

Physiography and Climate

The Charlotte Property is located on the eastern margin of the Dawson Range. This area lies northwest of the maximum extent of the Wisconsonian ice sheet and as a result, has remained unaffected by the most recent (Pleistocene) glaciations (Figure 4) (Eaton and Archer, 1989). The terrain is that of a deeply weathered and incised peneplain characterized by deep, wide and dendritic drainages. Local elevations range from 1030 metres in the deeper valleys to 1500 metres on ridge tops (Melling, 1995; Rodger, 1996). Outcrop is rare and typically documented as felsenmeer of resistant rock units on ridge tops and peaks.

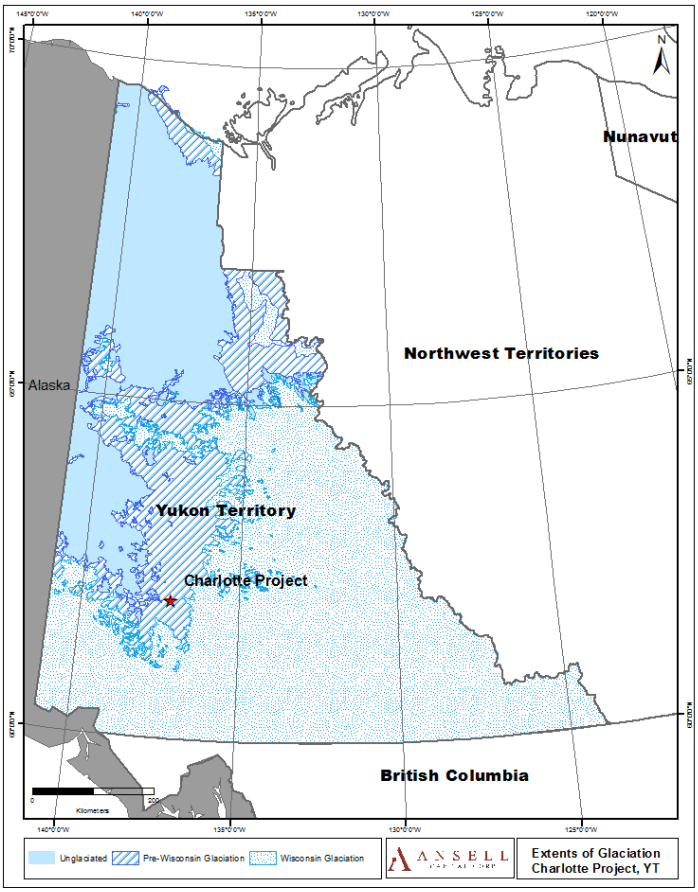


Figure 4: Extents of Glaciation

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 to 15°C in the summers. Average precipitation for the Mt. Nansen area is approximately 250 millimetres, most of which falls in the summer months. Local snow pack is typically 30-40 centimetres deep in late winter (Stroshein, 2007b).

Permafrost is common in 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 by the late summer months (Eaton and Archer, 1989).

Exploration History of the Mt. Nansen Area

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

In 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 Charlotte Property (Figure 7). As a

result, Brown-McDade Mines Ltd. formed in 1946 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 (Figure 7). Results from Brown-McDade development did not meet expectations and all exploration and development in the area ceased (Walls and Eaton, 1987).

In 1958, interest in the Mt. Nansen area was revived and, in 1962, the Mt. Nansen Exploration Syndicate optioned properties that overlap with the current Charlotte claim block. This group explored the Webber and Huestis zones with geochemical surveys, bulldozer trenching and one diamond drill hole in the Webber. Mt. Nansen Mines was formed by the syndicate in 1963. The Webber zone was further explored with bulldozer trenching and three diamond drill holes. Peso Silver Mines Limited acquired control of Mt. Nansen Mines Ltd. in 1964 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).

In 1967 a production decision was made and construction of a 200 ton/day mill was started. From September 1968 to April 1969 18,000 tons of ore was mined and milled from the Huestis zone. A total of 2,482 oz Au, 76,534 oz Ag and 108,621 lb Pb was recovered from the ore. The production ceased until 1975 when the mine was reopened. A total of 8,196 tons of ore were mined from the Huestis in early 1976. Of this, 6,429 tons grading approximately 0.3 oz/ton Au, 0.7 oz/ton Ag, 1.0% Pb and 1.0% Zn was milled (Stroshein, 2007b). Major recovery issues with the sulphide flotation circuit indicated that cyanide leaching was required for better recovery (Denholm et al., 2000). Due to these unfavourable results, the property remained inactive until it was acquired by BYG Resources Inc. (“BYG”) in 1984 (Stroshein, 2007b).

A porphyry copper showing known as Cyprus and a vein showing known as Etzel, part of which is located on the northern part of and north of the current Charlotte claim block respectively, was discovered (Figure 7) in 1969 and explored in 1970 with soil geochemistry and airborne geophysics. Exploration was conducted by Area Exploration Company, a subsidiary of Cyprus Exploration Corporation, under an option agreement. Detailed exploration for copper and molybdenum mineralization was conducted during 1971 to 1975, with ground geochemical and geophysical surveys, 3,480 metres of diamond drilling and 950 metres of percussion drilling. Drilling intersected a supergene zone overlying hypogene mineralization with grades of 0.12 % Cu and 0.01 % Mo at a depth below 60 to 90 metres. Supergene grades are reported as approximately double that of hypogene grades. Local fractured intervals returned high grades of copper and molybdenum with rare precious metal values (Sawyer and Dickinson, 1975).

Limited reconnaissance mapping and sampling in the area in 2010 and 2011 revealed shallow open trenches, road cuts and bagged rotary drill cuttings in sample bags that were left onsite. Anecdotal accounts attribute this work to BYG and Aurchem Exploration, for which the some of the work can be found in assessment reports through the Whitehorse Mining Recorder’s office.

Chevron Minerals optioned the claims that comprise the Charlotte Property, as well as those that cover the mine and mill site, in June 1985. Between 1985 and 1987, Archer, Cathro & Associates ("Archer-Cathro") an exploration consulting firm, was contracted 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 (see Figure 5), aerial photography, baseline and claim surveys, rehabilitation of the Brown-McDade adit portal, 24,121 metres of excavator trenching, 1283.5 metres of percussion drilling in 17 holes, 2605 metres of diamond drilling in 41 holes, and metallurgical, geotechnical and environmental studies (Eaton and Walls, 1988). Exploration focused mainly on delineation 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, 1988).

In 1988, BYG took on sole proprietorship of the Mt. Nansen Project and became responsible for subsequent exploration. Exploration conducted in 1988 was overseen by Archer-Cathro and consisted of 1473 metres of trenching on the Dickson, Huestis and Brown-McDade zones and 5397 metres of diamond drilling primarily on the Brown-McDade zone and substantially less on the Orloff-King and Dickson zones. The previously unrecognized Flex zone was discovered during this period and believed to represent a near-surface oxide zone amenable to surface mining and leach treatment. BYG subsequently released a non-43-101 compliant resources estimation (Eaton and Archer, 1988). Exploration was put on hiatus between 1989 and 1994.

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. Metallurgical work commissioned by BYG indicated that near-surface oxide ore would be amenable to cyanide leaching treatment. Studies also indicated that gold recoveries using this treatment would be much higher than the previous method of sulphide concentrate flotation (Rodger, 1994). BYG commissioned a feasibility study in 1994 based on the implementation of a cyanide circuit.

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. Initial mill throughput was designed for 700 tonnes/day and annual gold production was estimated at 50,000 ounces. Ore throughput in January 1997 was 450 tonnes/day or 65% capacity. Recoveries averaged 88% and the head grade averaged 0.235 ounces/ton (8.06 g/t) Au equivalent. Unanticipated clay alteration minerals in near-surface oxide ore decreased daily throughput to a point where the company was forced to install a semi-autogenous grinding mill (SAG mill) to deal with the clay content. The mill was forced to close in late 1997 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).

In total, approximately 269,000 tonnes were processed with an average gold grade of 6.2 g/t and an average recovery of 67% through the combined operating period. Total gold and silver production through the combined operating period was 37,500 ounces and 143,000 ounces, respectively (Denholm et al., 2000; Stroshein 2007b), although the Yukon Geological Survey reports total BYG production from 1997 to 1999 of 21,628 oz Au and 76,866 oz Ag.

Between 1994 and 1998 exploration expanded in the area and consisted of: diamond drilling on the BMD and Flex zones in 1994 (990 metres in 12 holes), diamond drilling on the Flex and Huestis in 1995 (1,490 metres in 21 holes), diamond drilling 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). 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 BMD), and 1 hole (123 metres) on the Orloff King (Middleton, 2009).

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. Cyanide and arsenic levels in the tailings impoundment facility were found to be elevated, proper effluent treatment had not been implemented, and there was concern about the stability of the tailings dam. 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. In 2004, PriceWaterhouseCoopers ("PWC") was appointed receiver of the 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).

Between 2007 and 2008, 101073531 Saskatchewan Ltd (Sask Co) purchased the peripheral Charlotte claim block, from PWC in two transactions for a 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, 2008).

In order to further delineate the known vein mineralization and examine the potential for possible extensions, an airborne VTEM-Magnetic geophysical survey was completed by Sask Co under contract to Geotech Ltd. The survey was also designed to test for the presence of any additional massive sulphide type deposits that would warrant further exploration. A total of 638 line kilometres were flown (Middelton, 2008).

In 2010 Nantawa Resources, and subsequently Guinness Exploration retained Coast Mountain Geological Ltd ("CMG") to conduct exploration on the optioned Mt. Nansen Property, later re-named the Charlotte Property. The program was conducted in two phases. The first phase was to confirm and delineated historical work, including locating drill holes, and trenches, in addition to geological mapping throughout the property. Later in the summer 2243 metres of new trenches were opened and 1917

metres were logged. In addition, 14 diamond drill holes totalling 1452 metres were completed, 6 of which were twins from historical work.

Ansell Capital Corp subsequently optioned the property from Guinness Exploration in early 2011 and retained CMG to perform the work for the upcoming field season. On May 24th, 2011 CMG commenced the 2011 exploration program on behalf of Ansell Capital Corp. The main objectives of the program were to expand the known deposit confirmed in previous drilling and explore for new mineralization and exploration targets on the property.

In order to carry out these objectives there were two components to the program. First, the drilling of 22 diamond drill holes totalling 3607.93 m of core to expand the known mineralisation followed by reconnaissance work comprised of trenching, mapping, and soil sampling.

Drilling focused on the Flex Zone (Dome 2 and Dome 6 claim blocks) and the Orloff-King Zone (Dome 53 claim block). Trenching targeted the GRW (Dome 41, Dome 42 and Dome 43 claim blocks), Orloff-King (Dome 53 claim block), SST (Spot claim block), and the Eliza Creek Extension (TBR 1, TBR 2, TBR 3 and TBR 4 claim blocks).

Adjacent Properties

The Charlotte Property and the adjacent properties are located in the Whitehorse Mining District. There are over thirty known mineral occurrences in the Mount Nansen area and the vast majority are currently staked. The majority of the claims in the area are held by Aurchem Exploration Ltd. (396 full or fractional claims) or Archer, Cathro & Associates Ltd (Figure 5).

Work in the area has primarily focused on epithermal vein mineralization through geophysics, soil geochemistry, trenching and diamond drilling. The primary exploration targets on Aurchem's claim block are in Discovery Creek and Iron Creek drainages. Both epithermal Au-Ag-Pb-Zn veins and Au±Cu±Mo porphyry mineralization have been identified in the Discovery Creek drainage. The Iron Creek area, known as the VIC claims and located northeast of Discovery Creek, has been explored for epithermal Au veins. Work has included geophysics, soil geochemistry, trenching and diamond drilling.

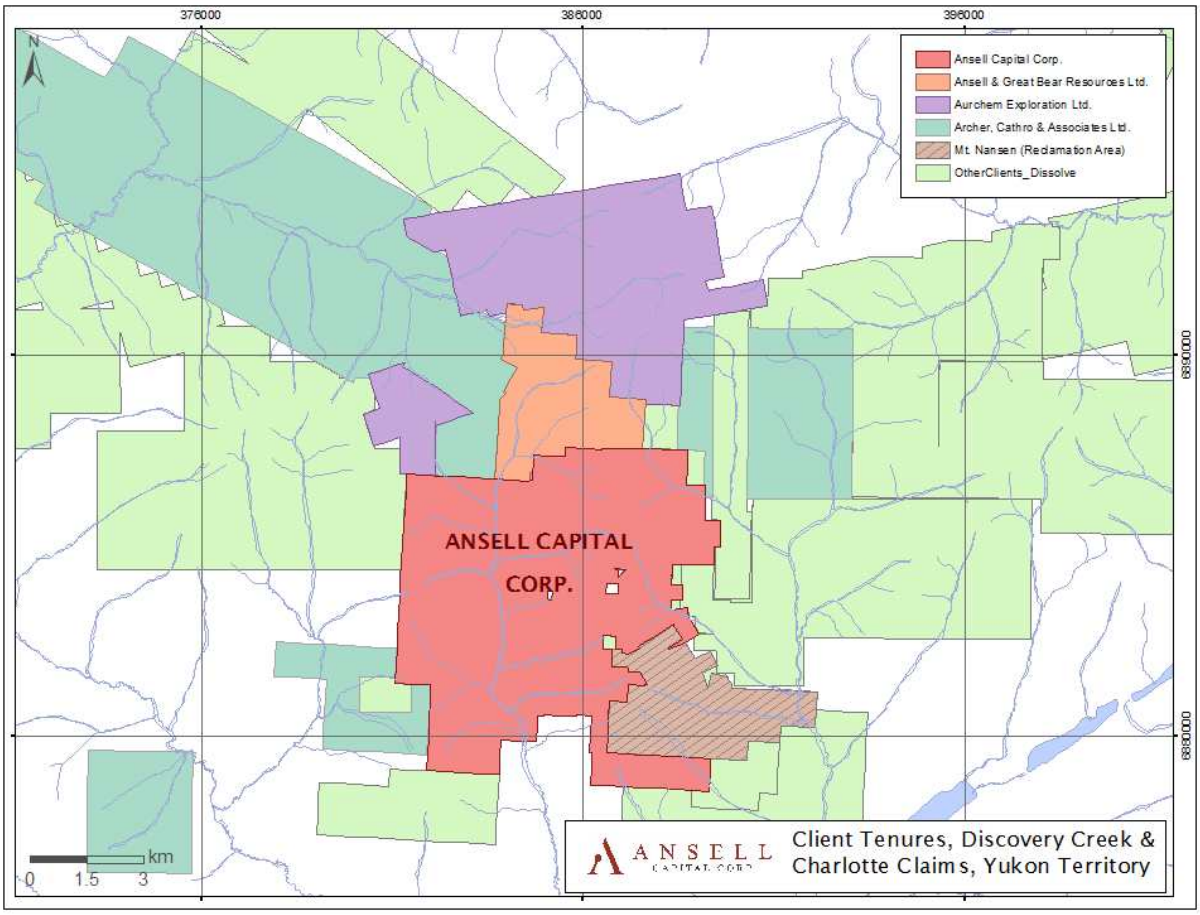


Figure 5: Adjacent Properties

Archer, Cathro & Associates Ltd. is another major stakeholder in the Mt. Nansen area. Work by Archer-Cathro in 2010 and 2011 focused on the Klaza claims and has consisted of confirmation trenching and diamond drilling on the Klaza, BYG and BRX zones. This area also has an extensive exploration history beyond the scope of this discussion. A number of other claims in the area are held by Roger Hulstein, Frank Cochrane and Bill Trerice. Little data is available on these holdings, as the claims have changed hands on many occasions. All of the above information is in the public domain.

Geological Setting

Regional Geology

The Mt. Nansen Trend occurs within the Yukon-Tanana Terrane which is a large accreted terrane that is part of an agglomeration of terranes bounded by the Tintina Fault to the northeast and the Denali Fault to the southwest (Nelson and Colpron, 2007; Figure 6).

The Charlotte property is located within the Mt. Nansen Trend which is a 15 kilometre long northwest-trending structural corridor, which 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-bearing 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 kilometres to the northwest (Hart and Langdon, 1997).

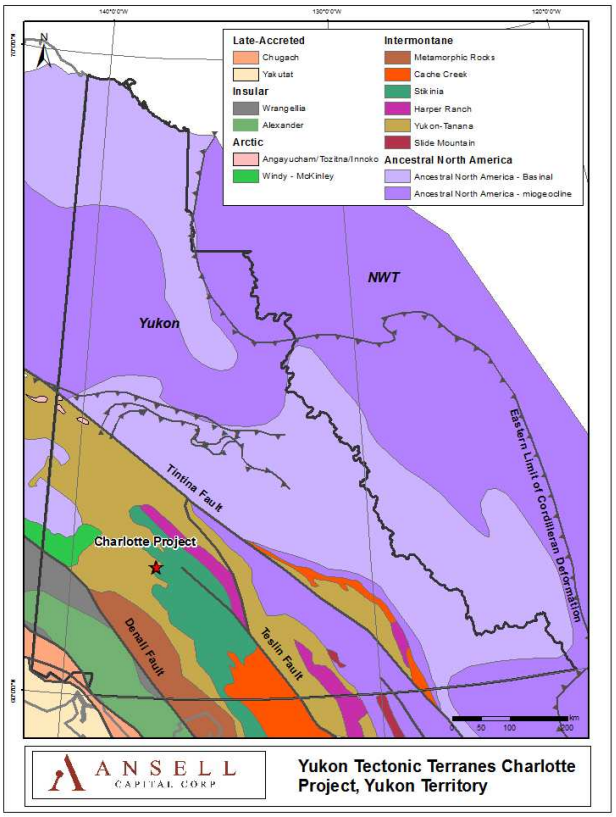


Figure 6: Tectonic assemblages of Yukon Territory. After Nelson and Colpron, 2007.

The Yukon-Tanana Terrane in the vicinity of Mount Nansen is comprised of Devonian and older meta-igneous and meta-sedimentary rocks dominated by chlorite schist and felsic ortho-gneiss (Hart and Langdon, 1997). The metamorphic rocks are intruded by alkali-feldspar-rich plutonic suites of Early Jurassic age, including the Big Creek and the Granite Mountain batholiths. 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).

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 the Mount Nansen Group volcanism resulted in hypabyssal intrusion of quartz-feldspar porphyry and quartz monzonite stocks, dykes, sills and the extrusion of minor pyroclastic flows. The Late Cretaceous Carmacks Group suite is composed of extensive and locally stacked basaltic flows of shoshonitic composition (Hart and Langdon, 1997).

The metamorphic assemblage is divided into meta-sedimentary and meta-igneous rock suites. The meta-sedimentary suite is composed of micaceous quartz-feldspar gneiss, schist and quartzite. Carbonate rocks occur near the property but are of limited volume. The meta-igneous suite consists of biotite-hornblende-feldspar gneiss and coarse-grained granodiorite ortho-gneiss with lesser amphibolites (Carlson, 1987).

The metamorphic rocks are 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).

Cretaceous volcanic rocks cap the other rock units in the area. In the immediate vicinity of the Charlotte Project, the Mt 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 not found in the immediate vicinity of the Charlotte Project, but 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).

Property Geology

Four rock types dominate the immediate geology of the Charlotte Property (Figure 7). These are comprised of the Paleozoic metamorphic Nasina Assemblage to the south, the mid-Cretaceous granodiorite of the Dawson Range batholiths in the centre, the mid-Cretaceous, quartz-feldspar porphyry of the Coffee Creek plutonic suite to the north and the mid-Cretaceous andesite of the Mt. Nansen Group volcanic suite, coeval to the Coffee Creek plutonic suite, surrounding the claim block (Walls and Eaton, 1987).

The oldest rocks underlying the claim block are the Paleozoic Nasina Assemblage comprised of metamorphic rocks that occur principally in the southern portion of the property and include strongly foliated, intercalated quartz-feldspar-chlorite gneiss, quartzite, amphibolite and augen gneiss. Foliation generally strikes northeast and dips steeply to the northwest. These rocks host the main mineralized zones including the Webber, Flex and Huestis Zones (Melling, 1995).

The mid-Cretaceous Dawson Range batholiths that intrudes the Nasina Assemblage is represented by a medium to coarse-grained and locally foliated biotite-hornblende granodiorite in the northern third of the property. At the very north end of the property, this granodiorite has been intruded by a large mid-

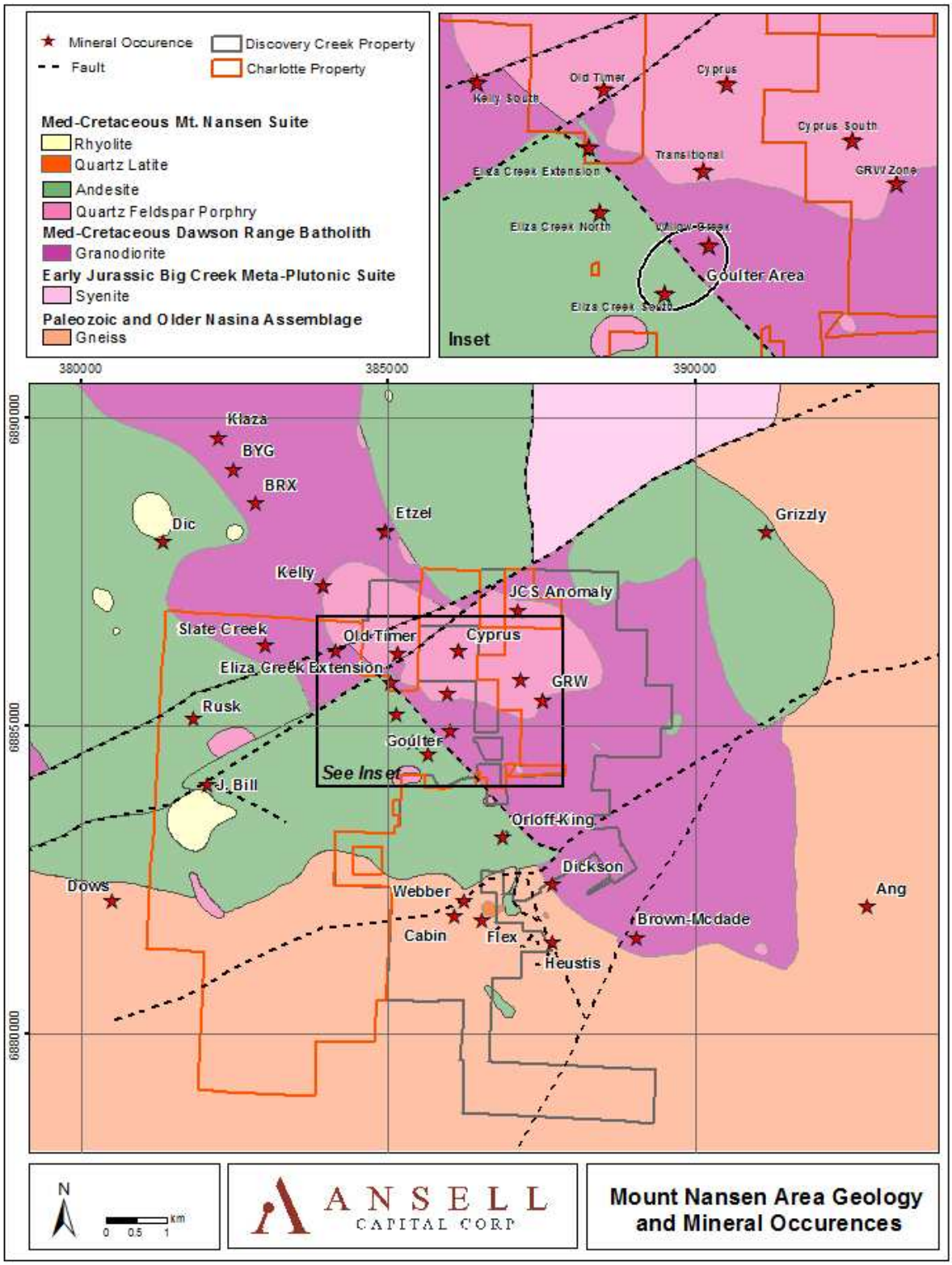


Figure 7: Mount Nansen area geology and Mineralized Zones. After Easton and Walls, 1987.

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 Mt. Nansen Volcanic Suite, which dominates the central 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 this andesite (Melling, 1995; Figure 7). The main quartz-feldspar porphyry intrusive complex hosts the porphyry style mineralization known on the property (Sawyer and Dickinson, 1975).

Alteration

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

Propylitic Alteration

- Widespread throughout the area.
- Characterized by chlorite, calcite, epidote, albite and magnetite minerals.
- Most commonly associated with plutonic rocks adjacent to the Mount Nansen Porphyry system.

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 lined 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

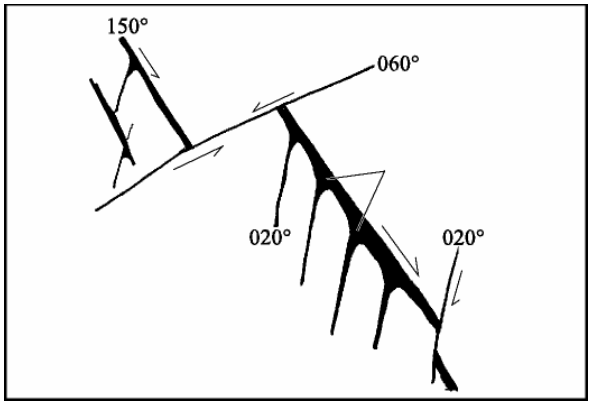
- Honey-brown to dark brown coloured alteration.
- Characterized by biotite and potassium feldspar with minor magnetite and epidote.

Mineralization

Two mineralization styles occur on the Charlotte Property: precious metal vein and porphyry style mineralization. Both conform generally to accepted deposit models for each type. Further, they fit into an encompassing model for transition from porphyry to epithermal style mineralization (Hart and Langdon, 1997). The main mineralized zones are essentially comprised of anastomising, sulphide-quartz

veins that are preferentially hosted in northwesterly trending fault/shear structures. These structures appear to cut foliated Early Mississippian gneissic rocks and are spatially related to the mid-Cretaceous intrusive suite. A secondary northeasterly-trending set of fault structures is known from detailed mapping at several mineralized zones. The northeasterly structures appear to cross-cut and offset the main fault structures, creating structurally-suitable areas for the localization of mineralization at the intersection with northwesterly faults (Figure 8).

Typical vein gangue mineralogy consists of quartz ± carbonate. Sulphides tend to occur in semi-massive to massive rods, or as smaller masses, blebs and disseminations throughout the vein system. Sulphide mineralogy tends to be dominated by pyrite with lesser galena, sphalerite, chalcopyrite, arsenopyrite and stibnite (Denholm et al., 2000). Gold mineralization occurs as fine-grained inclusions (5-40 microns) within or at the interstices between sulphide crystals (Lecuyer, 1997). Silver mineralization typically occurs as inclusions within galena and sphalerite crystals. High cadmium values are also associated with gold and silver mineralization. Estimates for a silver to gold ratio vary according to the worker and their set of parameters. Denholm et al (2000) reported silver to gold ratio of 7:1 in vein style mineralization and 3:1 in breccia-pipe style mineralization. BYG reported an average ratio of 50:1 (Stroshein, 1998).



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Figure 8: Structural relationships of epithermal veins in the Mount Nansen area. Bold lines represent ore. After Hart and Langdon, 1997.

The Central Porphyry Zone is a low grade porphyry copper-molybdenum mineralized zone which spans the Charlotte and Discovery Creek claim blocks and is associated with a quartz feldspar porphyry intrusion in the northeastern end of the property. The Cu-Mo mineralization is typically found in both stockwork and disseminations. Copper mineralization is widespread over parts of the claim block and beyond, with a typical grade of <0.12% Cu. Molybdenum mineralization is usually associated with localized silicification and breccia zones. Molybdenum values on the property are generally low with an average grade of approximately <0.01% Mo. Local higher grade Cu – Mo zones are noted from fracture systems and also associated with rare precious metal values. Lead, zinc silver and gold values are also associated with porphyry-mineralization, but have not been systematically explored (Sawyer and Dickinson, 1975).

Some zones have a well-developed leach cap overtop of a supergene enrichment, which gives way at depth to hypogene sulphide mineralization. Surficial weathering can vary in depth from 5 metres to 150 metres, depending on location and slope aspect. It does not occur in every deposit and prospect, but notably in the BMD, Flex and Porphyry zones (Stroshein, 1998; Walls and Eaton, 1987). Substantial enrichment and alteration can occur to 150 metres depth, but seems to wane after 75 metres. In the

vein zones such as the BMD, the ore mineralogy has not been studied in detail but supergene enrichment does not seem to significantly affect gold or silver grades. However, in the Porphyry zone, supergene enrichment has locally doubled grades. The highest copper grades there range from 0.5%-0.6% and are hosted in supergene mineralization (Walls and Eaton, 1987).

There are numerous mineralized zones located on and adjacent to the Charlotte Property that have been described historically (Figure 7). The mineralized structures occur in a 2.5 kilometre wide, 15 kilometre long trend known as the Mount Nansen Trend. The zones exhibit differential and variable intensity of regional metasomatism and hydrothermal alteration, with localized strong bleaching and intensive clay development in some zones.

Structures

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

The complicated structural setting has a dramatic effect on the morphology of the vein systems. Veins vary from planar and consolidated, such as the Huestis and Webber Zones, to complex and anatomising, like the Flex Zone. Vein systems are continuous up to 550 metres in length and from 2 metres to as much as 8 metres wide (Denholm et al., 2000). Faulting and shearing are the two main structural features of the property. Three sets have been encountered and are described as follows (Hart and Langdon, 1997, Figure 8).

Northwest Trending Faults

These are the primary mineralizing structures found on the property. They strike approximately 130°-150°, dip steeply southwest and are continuous on a scale of hundreds of metres. Although other displacement has been recorded by faults of this orientation, motion has been dominantly dextral.

North-northeast Trending Faults

These faults range from 005°-045°, 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. These intersections are structurally important as they host significant high-grade “blow-outs” in mineralization. It is likely that these faults are conjugate and coeval to the northwest faults.

East-northeast Trending Structures

This set of structures is present on the property as faults, fractures and joints. They trend approximately 060°, are generally un-mineralized and yet offset mineralized structures. These structures are easily observed on airphotos, but more difficult to locate on the ground due to limited outcrop exposure.

Mineralized Zones

Brown-McDade

The Brown-McDade Zone is not located within the Charlotte claim block. It is withdrawn from staking and is part of the territorial government's mandate for remediation. It is mentioned here because of its related exploration history to the other zones and because the tenor and style of mineralization which supports the potential of the property.

The Brown-McDade deposit contains a stratigraphically higher, open pittable oxide zone and a lower sulphide zone, which is serviced by a series of drifts. In the sulphide zone, two styles of mineralization are noted. The more prevalent is anastomosing veins and veinlets of quartz with lesser carbonate which contains varying amounts of sulphide. The less volumetrically important sulphide rich siliceous breccias also occur. Anastomising veins occur in fracture zones which cut coarse-grained granodiorite and are spatially associated with a series of quartz porphyry dykes injected along a dominant structure known as the "Footwall Fault". This fault strikes approximately 160° and dips 50°-60° to the southwest. Sulphide breccia mineralization occurs at the north end of the Brown-McDade zone and is located at the locus of intense faulting (Denholm et al., 2000; Melling, 1995).

Webber

The Webber Zone consists of a quartz vein system which strikes northwest and dips steeply southwest (Figure 9). Host rocks include the metamorphic assemblage and an extensive northeast striking porphyry body. The system is dominantly comprised of two veins known as the No. 1 and No. 2 veins. These veins are located approximately along the footwall and hanging wall of the fault, respectively, and vary in width from 0.3 metres to 2.0 metres. The Webber Zone has been explored over 500 metres through a combination of surface stripping, trenching and underground development. The No. 1 and No. 2 veins have been developed over distances of at least 200 metres and 250 metres, respectively (Denholm et al., 2000; Campbell, 1994).

Mineralization occurs in shoots or rods which are typically 25 metres in horizontal strike length and 100 m along plunge. Transitions between mineralized and unmineralized sections of vein tend to be very sharp and shoots tend to correlate well with surface mineralization. A total of seventeen ore shoots between the two veins have been defined by underground sampling. An average ore shoot is approximately 25 metres long, 1.0 metres wide and returns grades of approximately 14.06 g/t Au and 917 g/t silver. Gold mineralization tends to be strongly associated with arsenopyrite and lesser stibnite (Stroshein, 2007b). Diamond drilling has tested continuity above and below the adit, as well as along strike. This work indicates that the Webber Zone is truncated to the northwest by the Webber Creek Fault. However, this zone remains open to the southeast and many of the main ore shoots remain open at depth (Stroshein, 2007b).

Huestis

The Huestis Zone consists of a north-northwest striking quartz vein system and dipping steeply east-southeast (Figure 10). Three main veins comprise the zone and are known as the No. 11 (Hanging wall),

No. 12 (Intermediate) and No. 13 (Footwall) veins. They are hosted in metamorphic gneiss of the Nasina Assemblage and vary in width from 0.3 metres to 2.0 metres but average approximately 1.0 metre. The system has been developed on two levels, the 4100 and 4300 foot, and has been defined with extensive chip sampling (Denholm et al., 2000).

A total of sixteen ore shoots have been identified and chip sampling has demonstrated that ore shoots vary from approximately 10 metres to 50 metres of exposed strike length in the underground workings. Shoots average 27 metres in exposed length, 1.0 metres wide with mean grades of 19.4 g/t Au and 442 g/t Ag. With the exception of higher stibnite concentrations in ore shoots, mineralization of the Huestis Zone closely mirrors that of the Webber (Stroshein 2007b).

Flex

The Flex Zone lies between the Webber and Huestis Zones. It was discovered in 1985 and has been since defined by stripping, surface trenching and diamond drilling (Figure 11). It is comprised of a complex series of anastomosing narrow quartz veins that in fill fractures in the Paleozoic metamorphic rocks, generally along the strike of the Flex Zone (Denholm et al, 2000), which is presumed to be an encompassing fault structure. The veins, including the Main Vein, the Footwall Vein, the East Vein and the Hanging Wall Vein, are sub-parallel and dip steeply to the west (Anderson and Stroshein, 1998). The veins are offset by unmineralized east to northeast trending faults. The Flex Zone has been delineated over 550 metres and is open at depth (Denholm et al, 2000; Melling, 1995).

The top 15-40 metres of the Flex Zone has undergone significant supergene alteration and thus sulphide minerals within the veins are mostly altered to limonite or other oxides (Denholm et al, 2000; Melling, 1995). Structural control on the individual veins is complex which makes for difficult correlation between surface showing and drill holes (Denholm et al, 2000). Further compounding the problem, stripping of the main zone has made re-establishment of hole locations that were drilled prior to 1998 difficult.

The veins range from 5 to 110 centimetres thick. Silicification of the wall rock extends ore grade widths up to seven metres (Stroshein, 2007b). Refer to Figure 11 for the surface trace of veins in the Flex Zone.

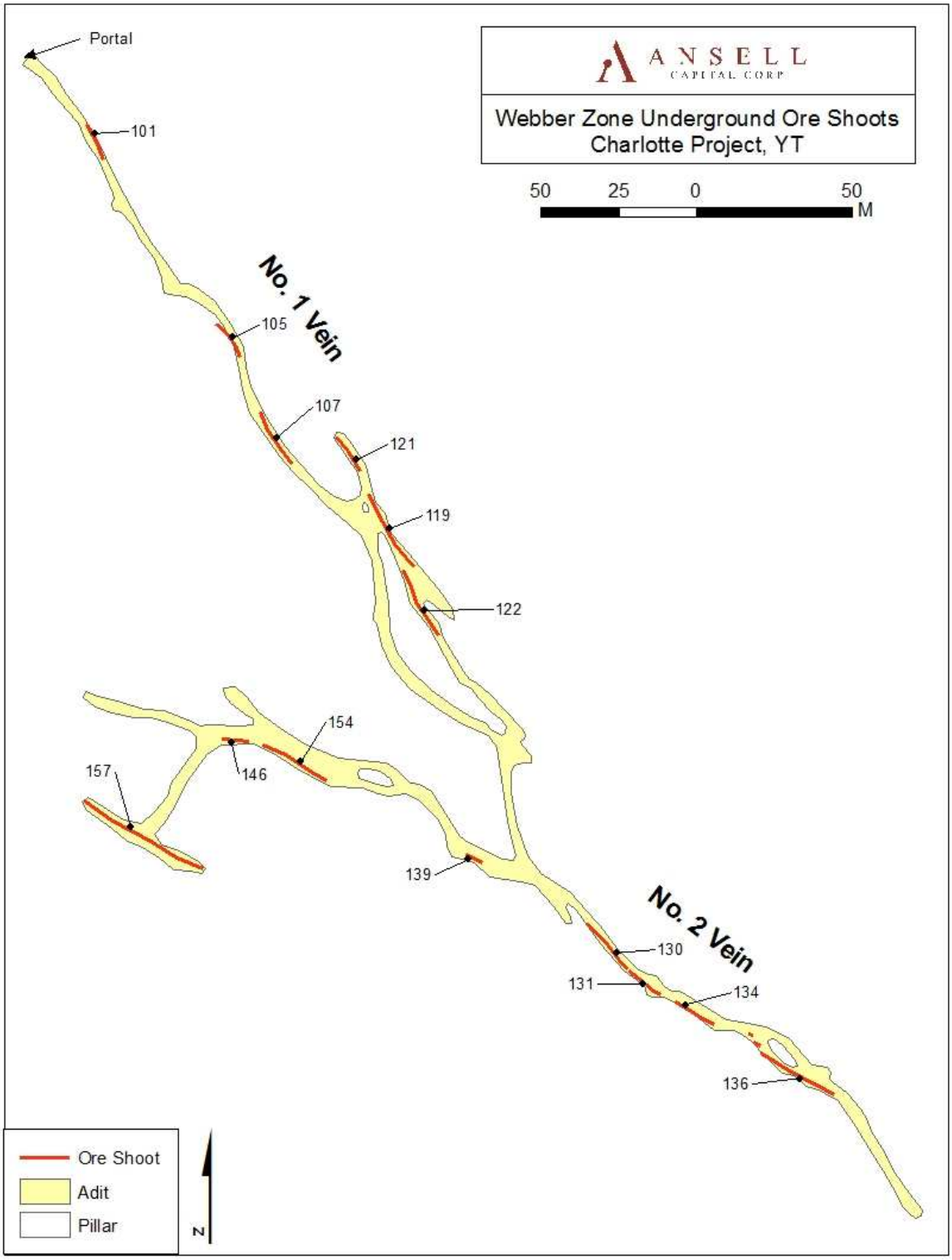


Figure 9: Webber underground workings. After Denholm et al., 2000.

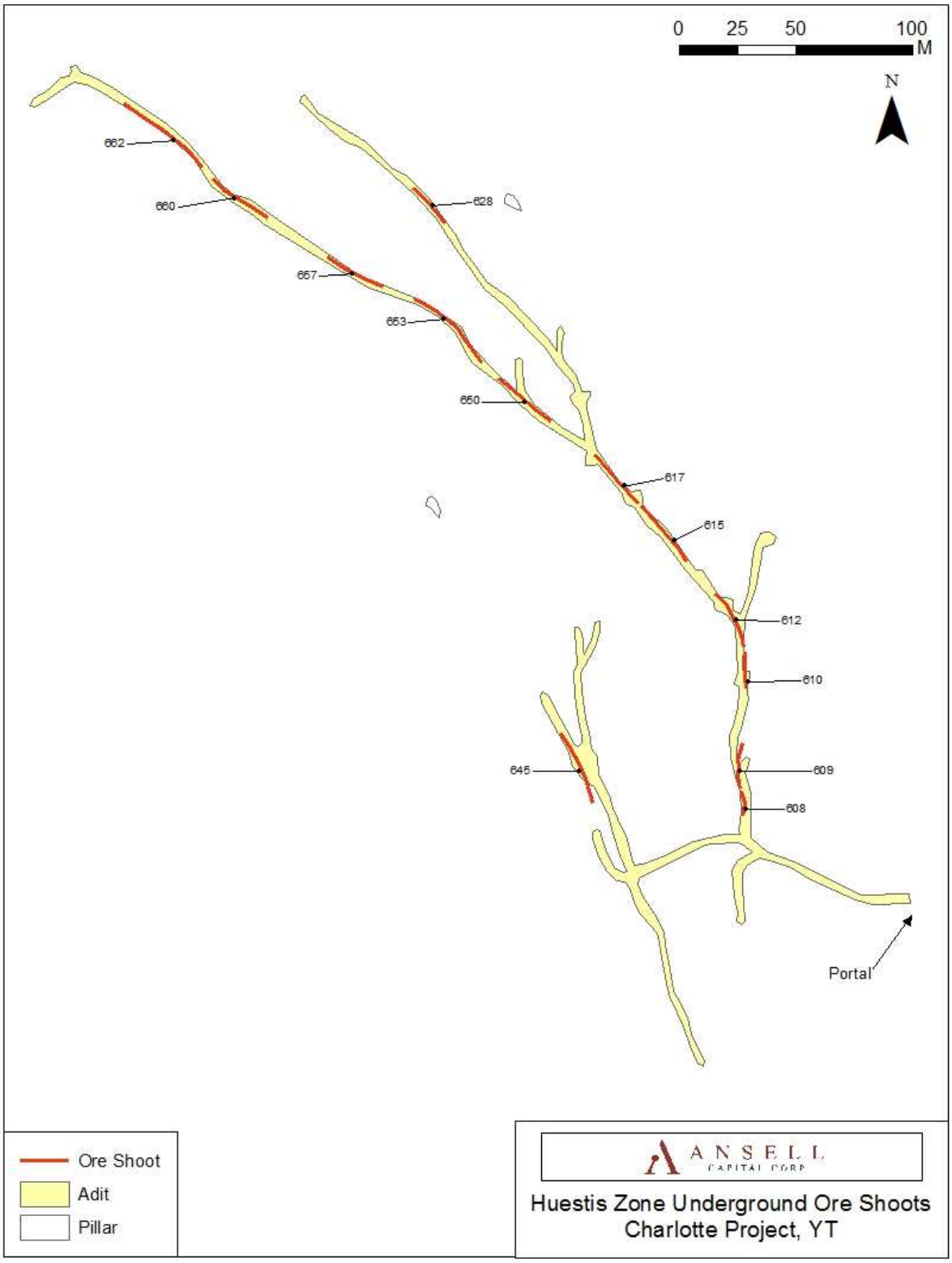


Figure 10: Heustis underground workings. After Denholm et al., 2000.

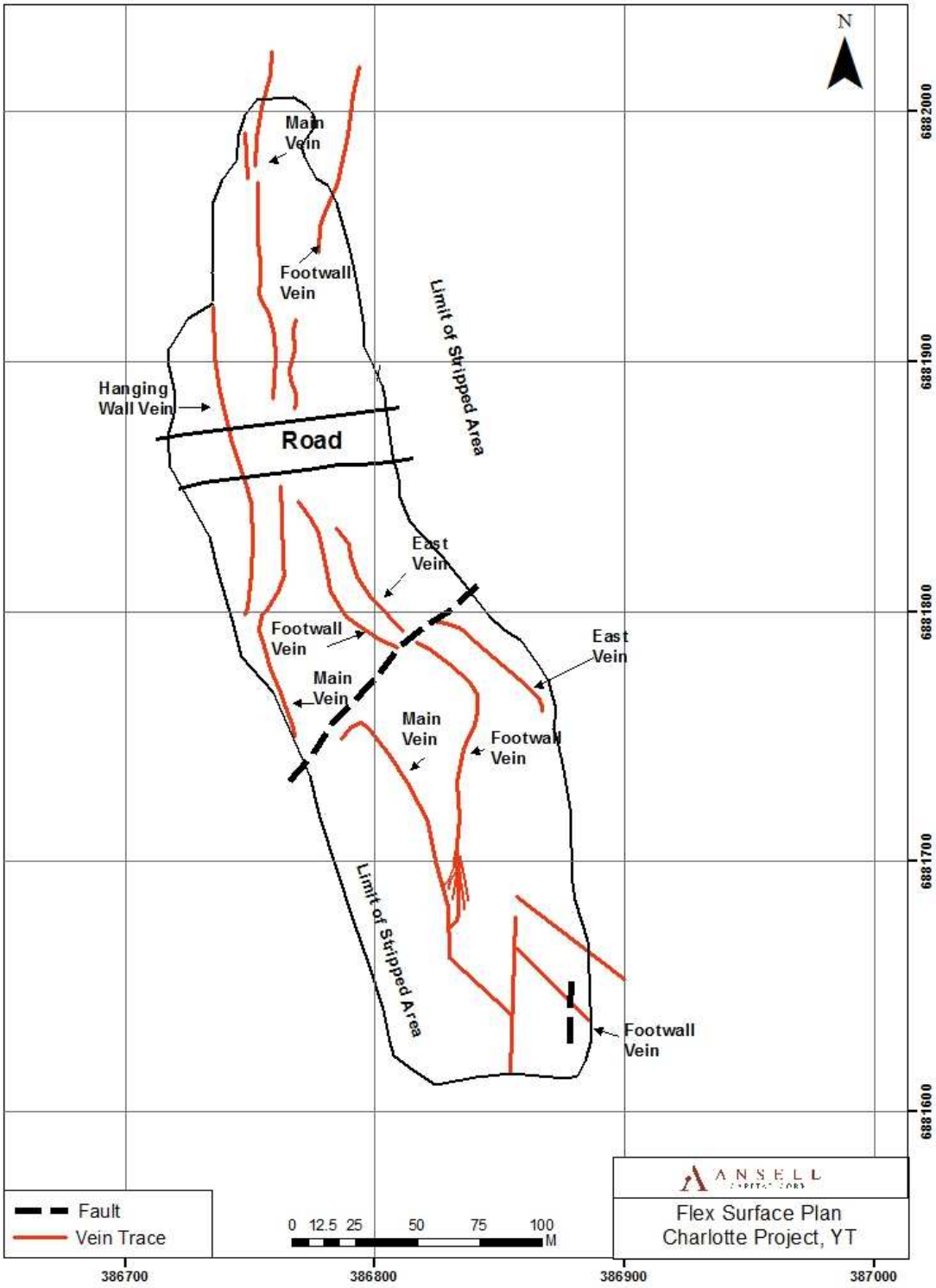


Figure 11: Flex Surface Plan. After Stroshein, 2007b.

Orloff-King

Prior to 2010, most of the work in the Orloff-King zone had focused on low grade oxide mineralization exposed in trenches and intersected in shallow drill holes. In 2010 trenching focused on unfinished trenches to the northwest of known mineralization. Discontinuous mineralization has been established with extensive trenching over nearly 1 kilometre. This zone is open to the north and has a northwest extension, with peak grades of 7.05 g/t Au and 34.7 g/t Ag over 0.7 metres.

Porphyry Zone (Cyprus and Cyprus South)

The Porphyry Zone consists of the Cyprus and Cyprus South showings. They are located to the west northwest of Tit Mountain. The showings are low grade Cu-Mo porphyry style mineralization. It was explored in the early 1970s with diamond drilling and covered with soil sampling in 1985 and 1986. No follow up work has been done.

Eliza Creek Extension

This showing is located on the northeast flank of Tit Mountain. It consists of 4 shear zones within hornblende granodiorite which has been intruded by feldspar porphyry dykes. It is a continuation of the Eliza Creek South and Eliza Creek North showings hosted in the Mt. Nansen Volcanic Suite. Significant trenching work was done in 1994 and 2003. In 2003 ENE shears and veins running 0.20 g/t Au and 11.55 g/t Au respectively were exposed.

Other Zones

Other mineralized zones of the Charlotte Project include the Cabin, GRW, and Dickson. All are vein targets but have received significantly less development than the major zones. These targets have been explored with soil geochemistry and follow-up trenching. None, to date, have been diamond drilled.

2011 Exploration Program

Work completed by Ansell included excavator trenching, geological mapping, rock sampling, diamond drilling, soil sampling, a differential GPS survey of existing drill hole collars, a handheld GPS survey of existing trenches, and an extensive GIS compilation of historical data. The results of each are summarized below in subsequent sections. Table AI-2 in Appendix I, and Figure 12 summarize the affected claim blocks along with the type of work which was performed. All work was done in accordance with the Yukon Class 3 permit LQ000288 under the Quartz Mining Act.

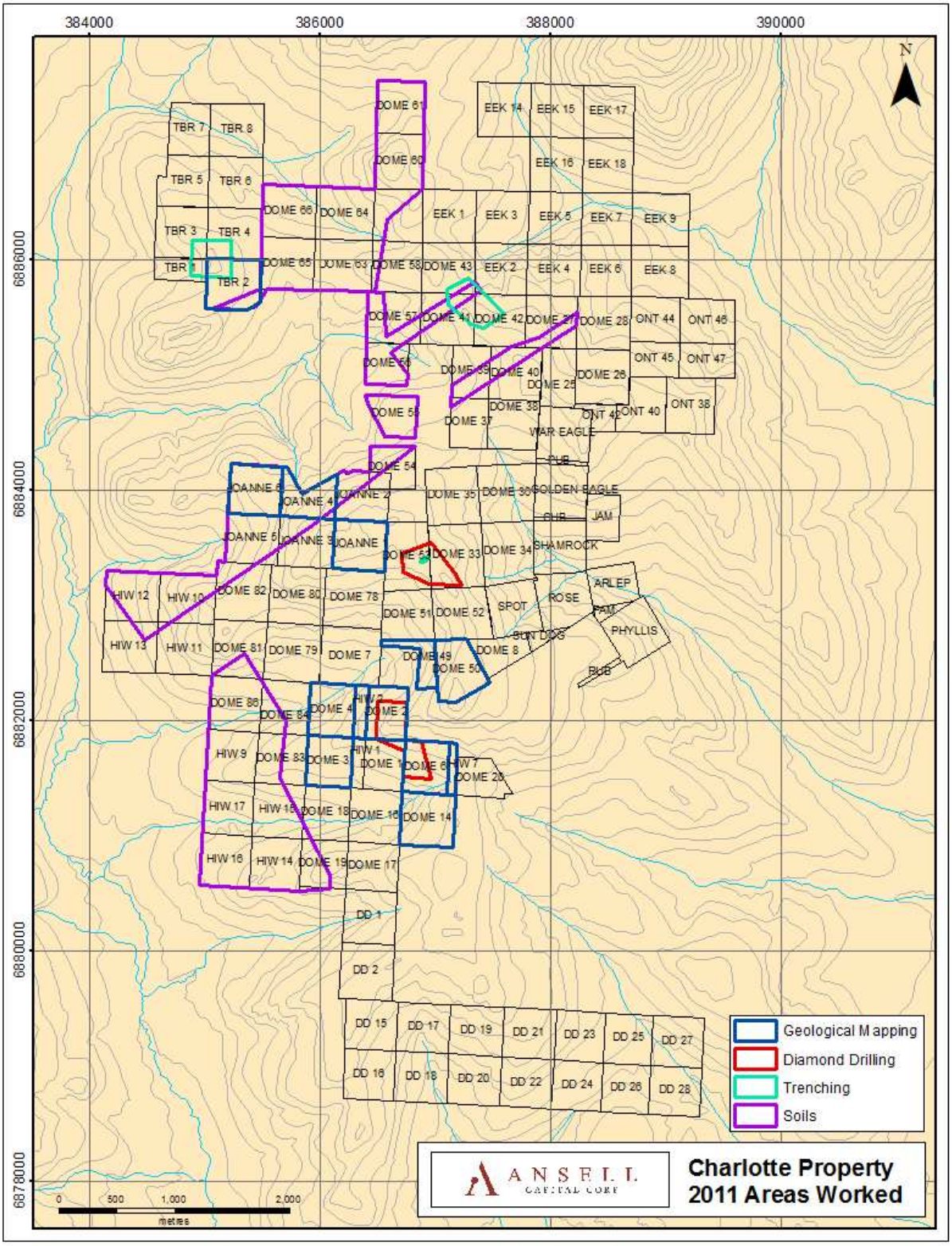


Figure 12: 2011 Worked Claims

Personnel, Contractors and Program Chronology

The Charlotte project was supervised by Project Manager Peter Dadson, P.Geol. with Project Geologist Nicola Struyk, GIT, 2 Junior Geologists, 5-6 Geo-technicians, and a cook. As the project progressed, numerous personnel adjustments were made in order to facilitate the changes in the project including the addition of a four man diamond drill crew.

The following is a chronological summary of the summer's work. Note that the crews were shared between both the Charlotte and Discovery Creek Projects. As a result, gaps in the timeline are a result of crew's scheduling and the logistics of work and deadlines on the Charlotte Project.

May 19	Ansell optioned 179 claims from Aurchem Exploration Ltd.
May 24-27	Initial crew mobilization from Vancouver to the Charlotte Project
May 27-June 5	Initial crew mobilized to property and began establishing camp on the Charlotte Project
June 6	Drill arrived on site
July 8	Technical Advisor from Ansell Capital Corp toured the property
July 8-27	Regional Soil sampling program
June 29 – August 18	Trenching Program
July 28-August 10	Ground truthing of historical work and geological mapping
August 3	Ansell Directors tour of the property
August 22	Drill left site
August 31	Crew mobbed out of the Charlotte Camp

2011 Program Protocol

Sample Security

All samples were stored in a secure tent on site in camp to await transportation. The samples were then delivered in person to Acme Labs' Whitehorse sample preparation facility by one of the camp personnel or by the expediter complete with a chain of custody form.

QA/QC Methodology

There was a strict QA/QC policy in place for the 2011 exploration program, including chain of custody for samples. Handheld Garmin GPS's were used to locate each sample location on the geological mapping and geochemical soil program. Each sample location was recorded on sample sheets in the field and then transferred to a digital file on a regular basis. Duplicates were taken every 20th sample on the soil geochemistry program, but no other QA/QC samples were taken. As the mapping program was mainly confirming historical work and mapping, detailed notes were taken, but no additional QA/QC procedures were implemented.

Trenches were spotted using handheld GPS's to locate each station with in the trench. A station was determined at to be major changes in slope or direction. The trenches were continuously sampled where bedrock was observed. Location of each sample was interpolated from the station points. Roughly every 20th sample was a QA/QC sample and alternated between a blank, a standard and a duplicate. Most trenches had at least one each of these QA/QC sample types. As the length of the trenches varied, the insertion spacing was as close as 1 in 4 samples for some of the shorter trenches.

The QA/QC program for the drilling was more stringent. During the field season, each drill hole was spotted using handheld Garmin GPS's. At the end of the season a differential GPS survey was conducted on the property for 2010 and 2011 drill holes. During the logging and sampling procedure, every 20th sample had a standard placed within the sample sequence. With the exception of the first 5 holes, two standards, a Au-Ag and a Au only standard, were alternately placed within the sample sequence, depending on the amount of mineralization seen in the core. In addition to the standards, either a dolomite blank sample or a quarter-core duplicate were placed in the sample sequence. On average every 10th sample was a QA/QC sample.

Acme Labs also prepared their own QA/QC methods by systematically inserting standards, blanks and replicates into sample batches (Appendix III for core samples, Appendix VI for trenches, Appendix VIII for soil samples, and Appendix X for hand samples). In order to test the efficiency of the QA/QC protocols and track the laboratory's accuracy a statistical analysis of the reported results is in progress.

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 ICP-MS suite was attained by the analysis of 15 gram splits from the crushed rock and leached at 95°C using aqua regia. 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 rock and core 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 and leached at 95°C using aqua regia. The samples were then analyzed using ICP-MS producing results for 36 elements. Appendix VI presents all the appropriate technical descriptions provided by Acme.

2011 Drilling Program

A total of 3607.93 metres of HQ and NQ core was drilled in 22 holes on the Flex and Orloff-King Zones utilizing a LF90 drill provided by DJ Drilling out of Watson Lake, YT. Holes were modelled to test the down-dip extension of the zone, as twin holes of historical drill holes and as infill between existing holes in the Flex Zone and as exploration holes in the Orloff-King ("OK") Zone. A summary of each hole is provided in subsequent sections. For locations and a summary of all new diamond drill holes, see Figure 13 and 14 and Table 2.

All of the drill holes were numbered in accordance with the historical naming scheme with "DDH" (Diamond Drill Hole) dash "11" (the year) dash "254" the next hole number in sequence. The numbering of holes continued in sequence from when drilling was previously conducted in 2010.

Upon completion of a drill hole, the casing was removed from the ground and a 2x4 picket was then inserted into the ground to mark the collar location. A metal tag was then engraved and attached to the picket which denoted the hole number, azimuth, dip, and length of hole.

The 2011 diamond drill program utilized newly constructed drill pads which were constructed into the hill side using a Hitachi ZX 200 excavator and were generally XX in diameter. Fore and back sight pickets or two foresights depending on the terrane, were used to orient the mast of the drill at the desired azimuth upon being established on the pad. A Silva or Brunton compass was used to orient the pickets and the drill rig. The desired dip was confirmed with the use of an inclinometer by placing it on the head of the drill.

Down hole surveys were taken at an average of every 10 metres using a Ranger multi-shot downhole survey tool. The tool operated very well, although it took a few holes to determine a proper methodology. In addition, there were zones of magnetite in the Orloff-King drill holes that negatively affected the tool and some readings were disgarded.

The drill core was boxed at the drill site and after an appropriate number of boxes had accumulated it was driven to camp for logging. Upon receipt, a geotechnician measured the beginning and ending depth for each core box, marked these on the upper left and lower right of the box respectively, labelled all core boxes with aluminum tags, made RQD measurements and stapled the sample tags to the inside of the box.

The geologist logged their observations into the logging template present on a laptop computer. The entire hole was sampled from top to bottom with all samples being marked out by the geologist using, with few exceptions, a maximum of 1.5 metre sample length. Exceptions included areas of significant core loss. The entire hole was then photographed by a geotechnician and/or geologist 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. For the quartered core duplicates, the remaining half core was re-sawn in

half such that a quarter of the original whole was placed in the sample bag and a quarter core representative sample remained in the box. The samples were placed in polypropylene bags with each 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. The core was stored on-site approximately 600 metres west of camp on a previously stripped area located on claim Dome 3. A location map is given as Figure 3 which shows the exact location of this core storage facility. In 2011 it was expanded to include two new core racks which could accommodate 144 boxes or 500 metres of core.

Drill Hole Summary

Provided below is a summary of each drill hole that targeted the Flex deposit. The particulars of each drill hole can be found in Table 2. A detailed description of each drill hole can be found in the drill logs in Appendix II and cross sections in Appendix IV. A surface plan of all the 2011 diamond drill holes is presented in Figure 13 and 14.

HOLE	Easting	Northing	Elevation (m)	Length (m)	Azimuth	Dip	ZONE
DDH-11-254	386671.4	6881924.8	1348.38	164.90	60	-65	Flex
DDH-11-255	386654.9	6881925.7	1346.15	193.50	78	-65	Flex
DDH-11-256	386661.6	6881975.5	1362.09	144.60	78	-50	Flex
DDH-11-257	386806.1	6881660.4	1288.60	91.40	38	-50	Flex
DDH-11-258	386775.5	6881663.9	1288.63	102.40	45	-52	Flex
DDH-11-259	386852.9	6881551.5	1274.98	160.76	79	-50	Flex
DDH-11-260	386863.8	6881528.6	1271.86	63.41	78	-50	Flex
DDH-11-260B	386863.8	6881528.6	1271.86	350.00	71	-50	Flex
DDH-11-261	386759.7	6881680.8	1288.83	148.78	45	-50	Flex
DDH-11-262	386761.2	6881646.1	1283.04	135.67	45	-50	Flex
DDH-11-263	386846.2	6881611.8	1282.97	224.83	52	-50	Flex
DDH-11-264	386757.6	6881765.2	1305.20	144.66	45	-50	Flex
DDH-11-265	386637.1	6881968.2	1355.20	189.79	75	-65	Flex
DDH-11-266	386611.5	6882054.1	1361.81	160.98	75	-50	Flex
DDH-11-267	386812.8	6883371	1463.07	243.29	55	-65	Orloff King
DDH-11-268	386753.6	6883428.7	1469.18	160.21	65	-50	Orloff King
DDH-11-269	386931.8	6883454.3	1474.50	83.84	230	-50	Orloff King
DDH-11-270	386876	6883340.7	1464.09	120.12	65	-45	Orloff King
DDH-11-271	386802.5	6881663.1	1288.68	185.06	42	-50	Flex
DDH-11-272	386780.9	6881639.9	1284.08	194.21	41	-51	Flex
DDH-11-273	386845	6881513.8	1268.24	194.82	73	-50	Flex
DDH-11-274	386656.4	6881896.7	1338.32	192.99	80	-61	Flex

Table 2. Summary of the 2011 drill holes

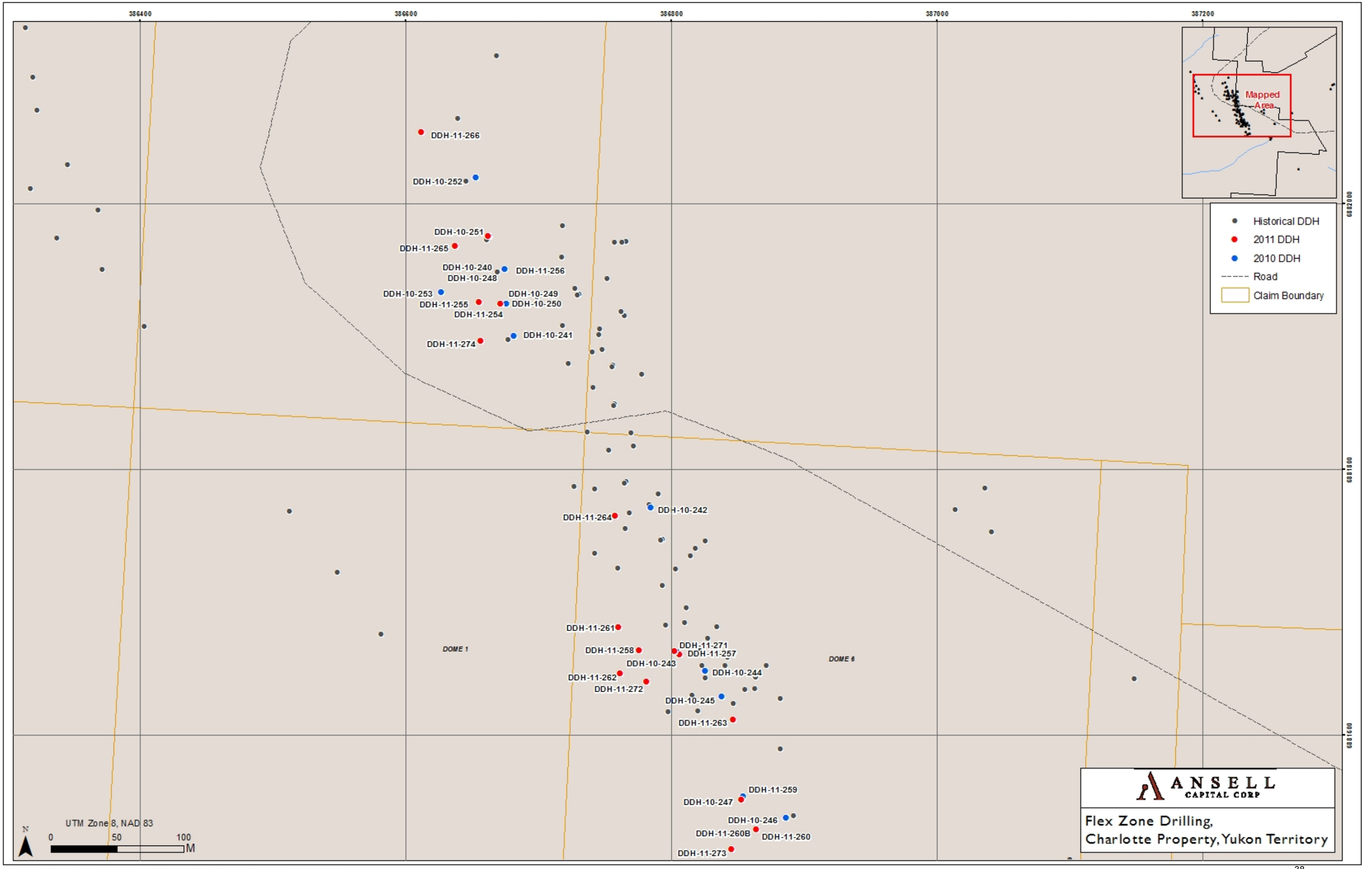


Figure 13: Location map of all 2011 Flex Zone diamond drill holes

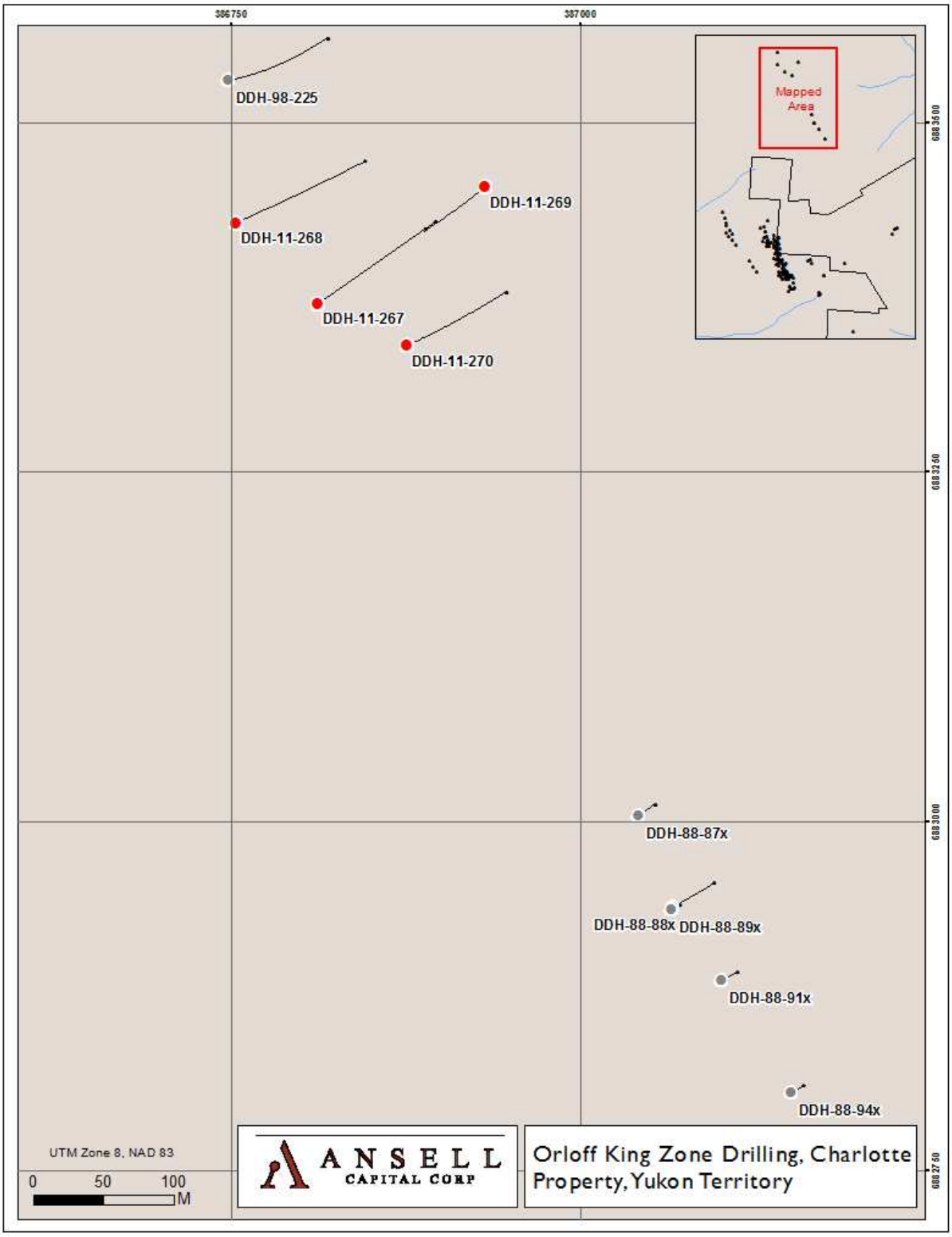


Figure14: Location map of all 2011 OK Zone diamond drill holes

DDH-11-254

The purpose of this hole was to twin DDH-10-250 which intersected 17.40 metres of 2.34 g/t Au and 78.70 g/t Ag. The hole collared into feldspar-chlorite-biotite mafic schists and gneisses. Foliation is preferentially orientated to core axis (CA) at 30-50°. There is a small mineralized stringer, intersected between 16.20 and 18.00 metres, associated with a gouged and rubbly fault zone. It ran 0.24 g/t Au and 48.50 g/t Ag over 1.80 metres and does not appear to correlated with any other mineralized intervals in neighbouring holes. Below 50 metres, quartz-feldspar porphyry and quartz latite dykes with faulted contacts crosscut the schists and gneisses at 30-40° to CA. From 84.40 - 104.80 metres the hole consists of granodiorite intervals which are typically bleached and/or veined (sulphides and quartz) due to the frequent faulting seen throughout. The intrusives are all intruded by sulphide veins. A zone of increased brecciation, alteration and mineralization within the granodiorite was intersected between 98.50-107.50 metres corresponding to the Hanging Wall Vein (HW Vein) alteration envelope. The HW Vein, intersected between 97.20-98.50 metres, consists of pyrite, sphalerite, galena, arsenopyrite, trace chalcopyrite, bornite and molybdenite accompanied by strong argillic and minor scorodite alteration and large vugs. The vein has a strongly developed mineralized envelope of argillic (kaolinite-montmorillonite) alteration from 89.75 to 110.00 metres. This interval is characterized by relatively low gold (except for the core of the massive sulphide vein at 97.20-98.50 metres which assayed 28.40 and 16.90 g/t Au for each of the two samples) and high silver from 90.00-674.00 g/t Ag from 97.20 to 104.80 metres. High Pb and Zn values are also found within this interval, concentrated within the vein and immediately below. The HW interval between 92.40-104.80 metres averaged 3.61 g/t Au and 130.33 g/t Ag.

The gneiss and quartz-feldspar porphyry are interfingered from 107.35 - 138.10 metres. Overall mineralization is dominated by blebby pyrite in the matrix in addition to veins and stringers of pyrite, sphalerite, galena and arsenopyrite. The Main Vein is characterized by a vuggy sulphide breccia between 120.60 to 121.75 metres with an alteration/mineralized envelope between 118.00-125.30 metres. It has high Au and Ag values ranging from 0.46 to 2.18 g/t and 15.70-102.00 g/t respectively, with an overall average grade of 1.10 g/t Au and 38.7 g/t Ag over 7.30 metres. The Main Vein has low Zn and other base metals and only weak Pb values in the alteration envelope. There is a weak zone of slightly elevated Zn below the Main Vein alteration envelope. The Footwall Vein (FW vein), intersected between 151.85-154.00 metres, has a mineralized alteration envelope between 145.55-154.00 metres. The vein which consists of moderately brecciated massive sulphides, dominated by pyrite, sphalerite and galena, is abruptly terminated by the diorite at 154.00 metres. Alternating and interfingered diorite and granodiorite was intersected from 138.10 metres to the end of the hole at 164.90 metres, and weak pyrite mineralization and/or veining was observed. Both units granodiorite are generally un-faulted and well consolidated. The diorite contains minor hematite and calcite as stringers in addition to epidote and chlorite in the matrix.

Overall, the hole is moderately to strongly altered throughout most of its length making identification of the units difficult. Numerous fault zones were intersected throughout the hole. Most notably were between 27.95-34.70 metres, which cross cut the units at roughly 25-30° to CA, and 143.25 -150.60 metres which has no preferential orientation.

DDH-11-255

DDH-11-255 was a 25 metre step-out west of DDH-10-250/DDH-11-254. The hole collared into gneiss which continued to 81.55 metres. The composition of the gneiss varies from bleached to mafic and is sometimes more schistose than gneissic. This interval is faulted which has resulted in varying intensities of bleaching and alteration by clay, silica, sericite and minor chlorite, hematite and scorodite. From 86.90 metres to the end of the hole is an interval of interfingered granodiorite, mafic gneiss and bleached gneiss. The HW vein appears as a quartz vein containing 30% semi-massive pyrite occurs between 108.70-109.80 metres. The HW Vein is less mineralized and is more splayed than what was intersected in DDH-11-254, even though the width is almost constant. The alteration envelope for the HW Vein is between 108.10-121.40 metres and has an overall grade of 0.53 g/t Au and 9.85 g/t Ag. The second major intersection of vein intersected as a grey-black sulphide and clay rich vein occurs at 131.95-132.70 metres that contains 10% pyrite, 1% arsenopyrite and as much as 5% very fine grained unknown sulphides has been interpreted as the Main Vein. This intersection was first attributed to the Main Vein, but may be another splay of the HW Vein meaning that the Main Vein may not have been intersected in this hole. In addition, there is only a short interval between the two veins with weak gold mineralization (0.10-0.25 g/t Au), as well as moderate silica and argillic clays. The second vein has an alteration envelope that extends from 126.00-135.50 metres and assays 4.79 g/t Au and 150.55 g/t Ag. The upper part of the hole, above the mineralization, has numerous faults and rubble zones. Two major faults occur between 35.67 and 44.20 metres and 83.30-89.90 metres. The hole is weathered to 80 metres where limonite staining is no longer dominating the fractures. The hole has slightly elevated molybdenum values downhole from the last vein intersection, as well as an interval of weakly increased Zn between 171.00-178.00 metres and a weak increase in Ag below 139.62 and 143.70 metres. This hole, which encountered fewer intrusive bodies than in DDH-11-254, still terminated in diorite. Feldspar porphyry occurs from 81.55-83.30 metres and is immediately followed by a 4.60 metre fault zone which is strongly altered by limonite.

DDH-11-256

DDH-11-256 is a twin of DDH-10-251 to provide a level of due diligence on the work performed by the previous operator. The hole was spotted in the correct location, but was angled too far to the north and as such is not a true twin. In addition, there is a lack of survey data from DDH-10-251 due to a tool failure causing doubt to the true azimuth of DDH-10-251. DDH-11-256 did intersect mineralization and therefore was successful.

DDH-11-256 collared into gneiss which continued down to 80.20 metres. This gneiss is generally bleached and faulted throughout this interval. In areas where bleaching lessens, fine grained quartz and feldspar dominate. Stringers, possibly related to the HW Vein, occur between 8.20-11.10, 23.30-27.90 and 56.90-58.60 metres. These stringers are gold enriched while pale to medium green scorodite and/or clay alteration was noted within the other intervals. Faulting was generally minor and of moderate intensity within these intervals. A large quartz-feldspar porphyry intrudes from 80.20-111.75 metres and is frequently faulted. The HW Vein, intersected between 71.15-81.10 metres, abruptly terminates just inside the quartz latite boundary. It contains high Au, Ag and Pb. The interval from 72.95-75.55 metres

has intense clay alteration containing 4% pyrite and 1% of a very fine grained, grey unknown sulphide(s) possibly galena or arsenopyrite. The clay between 75.55-78.70 metres is less mineralized, with 30% brecciation and subrounded, poorly sorted quartz clasts. Overall the HW Vein interval runs 4.12 g/t Au and 63.5 g/t Ag over 9.95 metres.

The Main Vein was intersected between 91.60-97.00 metres and contains high Au and, with elevated Ag and minor Au and Pb in the envelope. The vein consists of sulphide fracture filling crackle breccias within a quartz latite. Sulphides are mostly unidentifiable but elevated As, Cu, Pb and to a lesser extent Zn suggest a mix of arsenopyrite and base metals as well as up to 1% pyrite in the interval. Overall the Main Vein averages 1.13 g/t Au and 43.48 g/t Ag over 5.40 metres including the envelope.

The FW Vein was encountered between 110.05-125.45 metres within a cataclastic regime. The vein has several short intervals having elevated values for both Au and Ag but no anomalous base metal values. The sulphides are mainly hosted within quartz stringers and consist of pyrite and only minor galena and arsenopyrite. Minor clay and scorodite alteration is present throughout the interval. The vein terminates abruptly at the granodiorite/diorite contact. Below 125.00 metres, there are a few rubble zones; however, the core is fairly competent and there are no sulphide veins. The hole terminates at 144.62 metres in unmineralized diorite interfingered with megacrystic granodiorite.

DDH-11-257

This is a twinned hole of DDH-10-243 which intersected 28.90 metres of 5.06 g/t Au and 138.09 g/t Ag. The hole collared into unmineralized, dark green, amphibole mafic gneiss. After a 30 cm fault was intersected at 19.85 metres, a stringer containing low to moderate gold and silver values with no other metals being significant was intersected between 20.12-22.12 metres. Mafic, felsic and bleached gneisses are interfingered to 38.17 metres. From 38.17 to 52.85 metres, the hole intersected the Main Vein between 30.30-53.35 metres which consists of numerous sulphide rich quartz veins hosted by strongly argillic altered, broken and moderately faulted quartz-feldspar porphyry. The Main Vein, which is almost entirely faulted, is the main mineralized intersection in DDH-11-257. It contains moderate values for Pb, weak Zn and very weak copper. Overall the vein and mineralized wall rock averaged 9.22 g/t Au and 489.67 g/t Ag over 29.05 metres. Most stringers crosscut the core between 20-60° to CA. Between 52.85 and 91.40 metres (EOH) the unit intersected amphibole mafic gneiss with intervals of bleached and more felsic gneiss. Between 70.85 and 71.65 metres there is a strongly scorodite altered fault mineralized with pyrite, arsenopyrite and sphalerite. The basement gneiss contains 2-3% disseminated and stringer pyrite. The top 60 metres of the hole is mostly faulted and marked by gouge, clay and numerous rubble zones. Below the Main Vein intersection, the core becomes more competent but unmineralized. The most notable fault downhole from the mineralization is between 68.50-75.90 metres.

DDH-11-258

The purpose of DDH-11-258 was to test a 25 metre step out west of DDH-11-257/DDH-10-243. The hole is dominated by gneiss with minor interfingered schist and clay throughout its entire length. The gneiss is weakly mineralized by an average of 1% pyrite and varies from bleached/clay altered limonitic gneiss

to biotite-chlorite mafic gneiss. Foliation is well defined generally at 50-60° to CA. A cataclastic zone was intersected between 55.30 and 64.35 metres and has been interpreted to represent the HW Vein. It contains 5% pyrite as cubes and stringers, as well as traces of galena, sphalerite and arsenopyrite. Within this interval, a few 10 cm patches of dark-grey, hematite altered clay are found at 58.50 metres and 62.40 metres and these contain 15% semi-massive pyrite and at least 5% very fine grained sulphides. The vein contains high Au and Ag in the lower 6 metres of the interval but is generally, with few exceptions, low in most metals. The HW Vein averaged 3.97 g/t Au and 76.17 g/t Ag over 8.10 metres. Similar cataclastic zones, which represent the Main Vein and possibly a related stringer are found at 70.75-77.15 metres and 83.85-89.00 metres. A semi-massive pyrite vein with trace sphalerite was encountered at 68.21-70.75 metres which ran only Zn, but no other metals. The intersection has moderate values of Au and Ag throughout, including Pb and Zn. The unit is strongly bleached, siliceous and vuggy with a foliation between 60-80 ° to CA. The Main Vein runs 1.91 g/t Au and 33.32 g/t Ag over 7.95 metres. The stringer contains only moderate Au and Zn. This hole has slightly higher Zn throughout than seen in other holes. No intrusions were noted in this hole, although the fault zone between 70.60-75.90 metres contains gouge with a faint intrusive appearance. Fewer faults occur in the upper section of this hole in comparison to the first four holes. The hole terminates in a mafic garnetiferous gneiss at 105.79 metres.

DDH-11-259

DDH-11-259 was proposed as a re-drilling of DDH-10-247 which was lost in a fault at 37.50 metres. This hole collared into bleached gneiss, which has a weakly patchy schistose texture near the surface. The hole is faulted from 21.65-50.30 metres, with interfingered mafic gneiss and clay throughout. Two short weakly gold bearing intervals were intersected at 39.80-41.05 and 46.5-47.65 metres before encountering the Main Vein interval between 55.90 and 69.30 metres. These two intervals have no discernible characteristics other than minor scorodite alteration. The Main Vein is comprised of two 10 cm veins with semi-massive pyrite and sphalerite at 56.25 and 59.75 metres. Alteration and mineralizing envelopes extend the zone from 55.90 to 69.30 metres. The Main Vein interval runs 3.61 g/t Au and 97.46 g/t Ag over 13.40 metres.

Bleached gneiss, from 50.30 to 117.99 metres, is variably limonitic with a clay fault zone occurring from 109.10-111.55 metres. This interval, which has numerous small quartz veins that are weakly mineralized with pyrite, trace galena and sphalerite, contains the FW Vein between 83.50 and 92.15 metres. The FW Vein is characterized by a large siliceous envelope surrounding several vuggy scorodite altered sulphide veins. The veined interval runs 2.73 g/t Au and 29.24 g/t Ag over 8.65 metres.

Between 118.85 and 128.15 metres, a quartz feldspar porphyry was intersected containing 2% pyrite and several centimetre scale veinlets of quartz, a mineralization style not usually observed in other QFPs in the Flex Zone. A molybdenum rich zone (>30ppm) was intersected starting at 114.90 metres and running to EOH at 163.72 metres. This interval contains interfingered limonite and sericite altered felsic and mafic gneisses containing an average of 3% pyrite. Also within this interval is the East Vein. It is comprised of a quartz-scorodite-pyrite vein between 128.15 and 129.40 metres which also contains

trace sphalerite and galena. The East Vein consists of a collection of several shorter intervals containing moderate gold and low silver and averages 0.87 g/t Au and 20.54 g/t Ag over 13.03 metres.

DDH-11-260/260B

The objective of this hole was to test the southern extension of the mineralization intersected in DDH-10-246 and DDH-10-247. It was drilled 25 metres SW of DDH-10-246. DDH-11-260 intersected a broken zone and the drillers created a new hole when they tried to ream through the zone and drilled approximately 15 meters before they realized it. Upon reducing to NQ, the rods went down the original hole. This hole was subsequently re-named DDH-11-260B.

The hole collared into a brecciated mafic gneiss with the quartz porphyry cross cutting between 63.41 and 71.85 metres with both contacts being faulted. The core is very broken and faulted until 92.69 metres. The Main Vein occurs between 56.80-63.41 metres and is strongly faulted. The vein runs 3.63 g/t Au and 5.81 g/t Ag over 6.61 metres.

The remaining portion of the hole alternates between mafic gneiss, feldspar porphyries, and quartz-feldspar porphyries, with many faulted, gouge zones present all down the hole. The rock is pervasively silicified with large bleached portions and significant chlorite/epidote alteration. Limonite alteration persists until about 200 metres. There is a massive sulphide vein from 122.15-122.95 metres (FW Vein) which contains pyrite, arsenopyrite, galena, and sphalerite hosted in a dark grey material. Mineralized veinlets of this material intrude locally below 123 metres. The FW Vein runs 3.20 g/t Au and 119.72 g/t Ag over 7.70 metres including the envelope and associated stringers. Pyrite is ubiquitous throughout the hole as disseminations and in stringers, hosted in quartz veins. There is a molybdenum rich zone intersected between 113.00 and 211.00 metres with a gradual transition out of the zone at 298.17 metres which is characterized by finely disseminated molybdenum. A large interval enriched in Ag was intersected between 254.74-265.70 metres within a sulphide breccia which assayed 0.33 g/t Au and 14.88 g/t Ag over 10.96 metres. Between 305.00 metres and 350.00 metres (EOH) there are several small, less than 1 metre, intervals of disseminated arsenopyrite and pyrrhotite. These have a strong distal porphyry appearance with the transition into more propylitic chloritic and epidote alteration. Between 326.00-332.00 m there is a strongly silicified gneiss that is generally barren. Numerous stringers or narrow low to moderate gold only intervals were intersected throughout the hole.

DDH-11-261

Drill hole DDH-11-261 was designed to test as a 25 metre step out northwest of DDH-11-258. The main rock type in this hole is a felsic sericite schist, sometimes containing muscovite and/or biotite books, which is also noted in outcrop to the east of the collar. Most of the mafic phases are less altered and thus are probably late-stage dykes. Between 60.10 and 65.25 metres there are many thin sulphide bearing veins (pyrite, arsenopyrite, galena, sphalerite) hosted in dark grey material (HW Vein). The HW Vein is intersected in two distinct zones between 53.10-55.35 and 60.10-69.00 metres and runs 1.34 g/t Au and 4.81 g/t Ag over 2.25 metres and 1.19 g/t Au and 13.99 g/t Ag over 8.90 metres for the two intervals respectively. Further down between 72.95 and 82.00 metres the same sulphides are hosted in a soft, milky coloured matrix (Main Vein stringer). These same type of veins reappear between 96.72

and 101.17 metres, but only ran weakly anomalous Zn grades and no anomalous Au or Ag values. The sulphide-bearing veins correlate with extreme bleaching of the host rock. Finally, between 116.58 metres and 124.31 metres there is a gougey, broken section with dark grey, sulphide-rich subsections. The Main Vein was intersected between 116.58 – 119.8 metres runs 2.16 g/t Au and 89.35 g/t Ag over 3.22 metres. Two large gougey faults were intersected between 62.00-69.00 and 88.00-94.50 metres, in addition, the prevalent foliation to core axis is close to zero between 119.00-140.00 metres and was moderately to strongly brecciated throughout with localized faulted zones. This interval is also unmineralized and could be a nose of a fold. This is the first time this was observed over such a core length. There could be a repeat of the mineralization seen above the fold deeper down. The hole ended at 148.78 metres in altered mafic gneisses. Overall, DDH-11-261 did not intersect the widths or the grades as expected. The hole appears to have been subjected to less fluid alteration than the surrounding holes. Possible explanation could be due fault movement or folding.

DDH-11-262

The objective of DDH-11-262 was to test a 25 metre step out south west of DDH-11-258. DDH-11-262 collars into muscovite schist to gneiss and is cross-cut by a few small mafic dykes. This unit contains trace to 3% pyrite and is truncated by a silica-rich vuggy zone from 20.23-23.56 metres, after which the drill hole intersected mostly mafic gneiss to EOH at 135.67 metres. The mafic gneiss is cut by two feldspar porphyries between 52.35-53.05 and 59.37-60.06 metres. From 60.06 metres to EOH, the mafic gneiss contains 1-7% typically disseminated and fracture controlled pyrite and is interfingered with sections of schists, clay and chlorite rich-faults, patches of moderate sericite alteration and a felsic gneiss between 101.40 and 110.75 metres. This felsic gneiss is host to the HW Vein from 107.60-108.60 metres and characterized by a weakly scorodite altered quartz vein containing semi-massive pyrite, sphalerite, arsenopyrite and galena. Overall the mineralization is extremely patchy and does not display the characteristic mineralization envelope seen in other places in the deposit. The alteration envelope however is present and the entire interval from 97.85-114.00 metres grades 4.95 g/t Au and 63.13 g/t Ag over 16.15 metres.

The hole intersects several zones where the foliation of the gneiss parallels the core axis between 101.40-134.00 metres and is bounded by several gougey fault zones. As seen in DDH-11-261, this could represent the nose of a fold. In addition, this hole intersected several large fault zones between 60.06-72.00 and 76.65-94.20 metres. DDH-11-262 contained even less mineralization than was encountered in DDH-11-261.

DDH-11-263

Drill hole DDH-11-263 was drilled 25 metres south of DDH-10-245 and was designed to test a possible extension to the middle mineralized pod.

The hole is dominated by felsic gneiss. It collars into a zone of faulted gneiss, intensely bleached and altered by clay, which transitions into a biotite schist between 32.73-35.67 metres. From collar to 21.85 metres, Au is slightly elevated, most likely due to the fault that was intersected at the top of the hole. This could be supergene enrichment, rather than a vein intersection. From 35.67 to 53.35 metres, the

gneiss is frequently broken and faulted. From 53.35 to 78.35 metres the gneiss is interfingered with the biotite-chlorite schist seen in the upper part of the hole. Below 73.85 metres, silicified gneiss averaging 5% pyrite is intersected and is cross cut by the Main Vein which contains massive sphalerite, pyrite, galena and arsenopyrite between 83.95 and 84.25 metres. The Main Vein system has been interpreted to be intersected in four short well mineralized intervals between 82.50 and 105.50 metres. Within this interval gold peaks at 60.90 g/t and Ag at 3288.00 g/t over 45 cm. Overall this interval runs 1.55 g/t Au and 75.54 g/t Ag over 23 metres. Another interesting zone is from 144.50-145.25 metres which contains 50% veins of dark-grey quartz, bearing pyrite, sphalerite, galena and arsenopyrite. The host silicified gneiss continues to 175.60 metre, where it changes to a silicified, slightly darker grey gneiss with weak chlorite and wispy epidote alteration. It continues to 224.83 metres (EOH).

This hole intersected 10 mineralized intervals, all less than 1.75 metres in width. They are significantly smaller and of lower grade than encountered in other parts of the deposit. Most of these stringers have been attributed to the FW zone. All, with the exception of one vein at 144.50-145.25 metres, which has elevated Pb and Zn, are low gold and patchy silver. It can be concluded that this hole intersected a narrow interval in the mineralization between the southern and middle subzones. The distribution of the veins suggests that both the HW and the Main Vein were intersected, but due to the narrow widths, were hard to determine. There is a short interval between 105.00 and 107.30 metres where the foliation of the gneiss runs parallel to the core axis. This could be related to a local fold rather than the pillow rinds just being oriented parallel to the core axis.

DDH-11-264

DDH-11-264 was planned to test the deep ore intersection between the northern and middle sub zones; however it did not encounter the anticipated intersection.

DDH-11-264 collared into a strongly weathered mafic gneiss which becomes less weathered by 12.15 metres and continues to 38.73 metres. A small matrix supported dyke altered by silica and clay with <10% weathered phenocrysts intersects the mafic gneiss from 26.30-29.10 metres. The faulted clay altered breccia found at 38.73-46.10 metres contains sub-angular quartz clasts with finely disseminated sulphides throughout with a short interval comprising 7% pyrite stringers and 3% very fine, dark-grey sulphides. This faulted zone is both the only mineralized interval, as well as the largest fault intersected in the hole. The mineralized interval is contained between 36.10-49.10 metres and is difficult to attribute to one particular zone due to the intensity of faulting however from historical work it appears to be the Main Vein. It does contain an alteration envelope but it is more weakly developed than in other holes. It is intersected in three short gold only intervals which contain slightly elevated Zn. The zone runs 0.38 g/t Au, with the highest value being 1.63 g/t Au over 1.22 metres at 43.60 metres. Below the fault, interfingered gneiss and schist occurs from 46.10-118.40 metres, below which a large feldspar-quartz porphyry is intersected to the end of the hole at 144.66 metres. The mafic gneisses have well developed foliation and are very contorted and moderately silicified. The pyrite occurs with biotite as finely disseminated grains and small blebs.

There are two intervals, 21.15-26.30 metres and 108.84-111.95 metres, where the foliation of the gneisses occurs at a narrow angle to the core axis (30 CA). This could be the regional fold observed in other holes in the middle subzone. DDH-11-264 did not intersect the mineralization as expected.

DDH-11-265

DDH-11-265 was a 25-metre step out west of DDH-10-251 with the objective of intersecting the Main and FW Vein at depth. DDH-11-265 collars into faulted quartz and biotite rich gneiss. From 24.40-55.30 metres the core alternates between moderately weathered and faulted gneiss. Mafic gneiss is observed from 55.30-101.10 metres and is frequently faulted. Below this a brecciated moderately to strongly sericite, clay and silica altered gneiss is intersected which averages 3% pyrite as disseminations and in stringer form. A 15 cm vein at 107.65 metres contains 15% pyrite and trace galena being bracketed by about a 7% red hematite rind. The Main Vein is intersected between 117.45-120.85 metres and is comprised of 50% patchy sulphides. The Main Vein interval, runs 0.94 g/t Au and 49.89 g/t Ag over 3.40 metres. From 131.90 to 140.85 metres a strongly bleached, vuggy and silicified hydrothermal breccia is intersected which comprises the FW Vein between 135.35-136.57 metres. Here the FW Vein contains a few ~10cm quartz-sulphide veins bearing semi-massive pyrite and lesser concentrations of galena, arsenopyrite and sphalerite and altered by green scorodite. The FW Vein runs 0.82 g/t Au and 16.36 g/t Ag over 8.50 metres. The megacrystic granodiorite bearing feldspar and biotite is interfingered with a quartz-chlorite rich intrusive and lesser fine grained mafic gneiss with potassic and propylitic alteration from 140.85-189.79 metres (EOH). There are two intervals where the foliation of the gneisses runs parallel to CA: 80.00-85.06 and 103.67-105.00 metres. The upper interval is more faulted where as the lower interval has a more brecciated appearance.

There are three narrow mineralized intervals hosted in a silicified biotite schist prior to intersecting the Main Vein at 117.45 metres. The first one intersected at 44.1 – 45.35 metres contains little observable sulphides but subsequently assayed 2.82 g/t Au. This interval is surrounded by unmineralized weathered faults. The two subsequent intervals, the first one running only 0.52 g/t Au over 1.50 metres at 74.5 metres, does not contain any observable explanation for the mineralization. The second stringer which returned 0.52 % Zn and 7.30 g/t Ag over 1.4 metres at 106.45 metres intersected a 15 cm sulphide enriched zone containing pyrite and sphalerite. The Main and FW Veins were intersected in this hole, however they were narrower than expected. All the mineralization intersected in this hole occurred within faulted intervals and the assay result showed that the mineralization at this point in the northern pod is waning.

DDH-11-266

The purpose of DDH-11-266 was a 25-metre step out test west of historic hole 94-223 and the northern extension of mineralization. The hole collared into a moderately foliated megacrystic quartz and feldspar granodiorite that contains variable amounts of silica, phyllic and chloritic alteration. The gneiss starts at 14.55 metres and ranges in composition from mafic to felsic and clay rich. The textures suggest that the granodiorite was emplaced after the gneiss, and both units were subsequently intruded by mafic dykes. Interfingering of the gneisses, granodiorite and to a lesser degree, mafic dykes continues to EOH at 160.98 metres.

The HW veined interval was intersected between 34.00-44.20 metres and runs 0.38 g/t Au and 8.89 g/t Ag over 7.20 metres. The two lower "HW stringers" run 1.19 g/t Au and 54.94 g/t Ag and 2.96* g/t Au and 10.00* g/t Ag respectively and are both hosted within gougey faults (* this sample is a duplicate so the presented value is the average of both values). The phyllic alteration phase carried the sulphides which occur throughout the hole. Two narrow black siliceous veinlets are found at 69.50 metres and 78.25 metres, and each contains very fine unknown sulphides.

From 143.55-143.75 metres, hematite and chlorite gouge contain 10% disseminated sphalerite and galena and at 145.80 metres a 5mm vein contains sphalerite and pyrite. Combined these could be the Main Vein. There is a weak Zn anomaly leading into the stringer. Overall, the vein ran 1.01 g/t Au and 11.17 g/t Ag over 3.60 metres. There are two mineralized intervals that were intersected in this hole with three stringers. Although narrow, they could represent the HW, Main and/or FW Veins. Or an alternate interpretation would be four splays to the HW Vein and then the Main Vein. The zones are very narrow which makes the interpretation of specific veins difficult. As seen in DDH-11-265, the majority of the mineralized intersections in this hole are within faults and are narrow possibly indicating a waning of mineralization.

DDH-11-267

The objective of DDH-11-267 was to test 2010 trench results in the OK Zone. DDH-11-267 is dominated by medium-grey weakly magnetic andesite which has been interpreted to be a medium grained, thick flow with over 60% plagioclase feldspar and weakly altered to white clay. The andesite also contains medium grained bladed amphiboles which are completely altered to biotite and an irregular unknown mineral completely altered to green chlorite. Quartz is not visible to the naked eye. Several meter scale monzonite dykes cross cut the andesite, usually with cm-scale faulted contacts of friable andesite fading into the tan colour of the dykes. The mineralogy of the dykes is two phases of feldspar, plagioclase altered to white clay and alkali-feldspar altered to sericite. Clay altered minerals comprise up to 10% of the monzonite as groundmass. White carbonate veinlets and stringers make up an average of 1% of the entire hole and occur in both the dykes and in the andesite. Trace ankerite veining also affects both lithologies. The andesite has patchy, weak sericite alteration which forms a halo around quartz and/or pyrite veinlets. The most promising intersection occurs from 191.45-192.2 metres, where hydrothermally brecciated quartz contains 10% pyrite as clusters, 5% veinlets of sphalerite and 1% galena blebs and which ran 2.93 g/t Au and 9.56 g/t Ag over 0.75 metres. At 185.00 and at 191.00 metres the mineralization is within hard siliceous sulphide vein breccias with sericite-silica envelopes.

Brecciated quartz veins, containing 1.50% pyrite and 1% sphalerite and galena as blebs and assaying 5.00-6.00 g/t Ag were intersected between 233.40-233.70 and 234.20-234.35 metres. Overall the concentration of mineralization was low and localized. The mineralization at the top of the hole was restricted to broken and weakly faulted zones. The mineralization at 94.00 metres however, was contained within a grey moderately silicified interval with veinlets of sphalerite, galena and pyrite but only moderately faulted. At 104.00 metres, the mineralization consisted of a massive pyrite vein.

Two major faults were intersected in this hole, along with numerous smaller ones (<30 cm). The first one occurred between 67.00 and 69.20 metres while the second was encountered between 133.45 and 137.75 metres. Both consisted of significant portions of clay and gouge but no mineralization.

DDH-11-268

The purpose of DDH-11-268 was a further test of 2010 trench results in the OK Zone. The hole is dominated by andesite of similar composition to the andesite in DDH-11-267, except that much of the andesite occurs as a cataclastic/hyaloclastite or breccia. The hole collars into a thick andesitic flow, moderately altered by limonite and containing trace fracture and stringer controlled pyrite. From 63.70-116.45 metres, the hole was highly brecciated and consisted of fragments of strongly sericitic andesitic hyaloclastite and brecciated quartz porphyry. This section had, on average, 2% pyrite as euhedral disseminated grains, as stringers and forming alteration rims on clasts. Trace sphalerite and galena as stringers were also noted. The remainder of the hole to 160.06 metres (EOH) consisted of a thick andesite flow which was often faulted and intruded by monzonite dykes bounded by cm scale faults. The most prominent fault, which can be correlated to surrounding holes, was intersected between 157.52-159.50 metres.

DDH-11-268 intersected only four small sections of mineralization. The upper and lower intervals were consolidated breccias with sulphides while the middle two consisted of bleached and clay altered sections. All intervals were well indurated and only weakly faulted.

The first is in a sericitic hyaloclastite from 75.15-75.70 metres and contains 10% clustered pyrite, 5% clustered sphalerite and 1% galena blebs. A few scattered stringers of pyrite, sphalerite and galena are found in the andesitic hyaloclastite which lies from 79.80-105.20 metres. Another section between 112.75-116.45 metres has weakly anomalous Au and Ag values, contains 10% disseminated pyrite, has phyllitic alteration and occurs within a brecciated quartz porphyry.

DDH-11-269

Drill hole DDH-11-269 was another test of the 2010 trench results in the OK Zone. It was drilled as a scissor hole to get a determination of the structural control and measurements of the mineralization as DDH-11-267 and DDH-11-268 did not intersect the anticipated mineralization. It was interpreted that the mineralization was contorted and was dipping to the east rather than the SW. Minor sphalerite and galena were observed in addition to the pyrite between 71.00 and 75.00 metres. Concentrations were less than 1%. The hole intersected a series of brecciated andesite flows and hyaloclastites which generally graded into each other for the upper 53.75 metres. Below this is a very altered intrusive, possibly a monzonite or feldspar porphyry with chlorite and sericite and containing upwards of 10% pyrite but 20% pyrite locally. The unit grades in and out of chlorite + sericite alteration and moderate limonized and weathered rock to EOH at 83.84 metres. This could correspond to the fault encountered in other holes. Several other small gougey faults were intersected throughout this hole. Two intervals of mineralization were intersected between 27.40-34.50 metres and 67.76-76.95 metres. Both intervals contained anomalous Au, low to moderate Zn but moderate to high Pb and Ag. The upper interval ran

12.20 g/t Ag from 28.50-29.50 metres and 22.23 g/t Ag between 67.76-76.95 metres. Both intervals were moderately limonized and fractured.

DDH-11-270

Drill hole DDH-11-270 was designed to test 2010 trench results in the OK Zone. This hole collared into a fine grained light grey granodiorite down to 11.63 metres. The remainder of the hole is dominated by andesite and andesitic flows with moderate hyaloclastic textures. The andesite is hard, magnetic, and fine grained to aphanitic. The andesite flow throughout the hole is intersected by brown limonite-altered breccias. Generally the alteration obscures the clasts' lithology however it was possible to discern that at least some of the clasts are feldspar porphyry while others are andesite. The entire hole has small sections of broken and rubbly core or gouge. The two major faults were intersected between 22.70-26.52 metres and 116.96 – 120.12 metres.

There are three mineralized zones within DDH-11-270. The first interval is between 23.60 metres and 25.60 metres and consists of disseminated pyrite, galena, and sphalerite and assayed 0.44 g/t Au and 12.05 g/t Ag over 2.00 metres. It is contained within a large gouged fault. The widest sulphide intersection is between 39.63 and 44.60 metres, and consists of three competent massive sulphide veins, each about 5 cm wide, containing pyrite, galena, and sphalerite. The interval ran 0.43 g/t Au and 7.7 g/t Ag over 4.97 metres. The last zone contained within a moderately rubbly interval between 58.62 and 60.76 metres, was a weak Ag only response.

DDH-11-271

Drill hole DDH-11-271 was a re-test of the twin hole DDH-11-257. It was longer than both original holes and intersected similar grades. This hole is dominated by fine-grained, often silicified mafic gneiss. The upper 84.00 metres of the hole was very faulted and has high clay content. This interval of mafic gneiss was occasionally interfingered with fine-grained, brown, soft quartz-feldspar gneiss and a phyllic-altered felsic schist. The faults were strongly gouged making proper identification of the units difficult.

Three vein intervals were intersected, the Main Vein between 29.57 and 51.15 metres (is extremely faulted), the FW Vein between 104.28 and 107.80 metres(strongly faulted and broken) and the East Vein and splay between 140.80-144.51 and 150.27-153.10 metres respectively (strongly and weakly faulted respectively). The Main Vein was intersected between 44.82-50.45 metres and was characterized by 25% pyrite and 25% arsenopyrite disseminated in an extremely gouged and clay rich fault. The unit has moderate scorodite and strong argillic/clay alteration. Overall the interval runs from 29.57-51.15 metres and assayed 5.94 g/t Au and 139.67 g/t Ag.

The FW Vein, between 104.73-105.79 metres, which occurs in a moderately broken and gouged bleached fault zone, is characterized by foliated schists and gneisses which are mineralized with disseminated to semi-massive pyrite, arsenopyrite and sphalerite. The mineralized envelope is between 104.28 to 107.8 metres and runs 9.40 g/t Au and 205.29 g/t Ag over 3.52 metres, including the vein material.

The East Vein is characterized by two splays at 140.8-144.51 and at 150.27-153.10 metres. The upper splay is formed by three 5 cm veins of semi-massive pyrite, arsenopyrite, and sphalerite and runs 6.51 g/t Au and 48.24 g/t Ag over 3.70 metres. The lower splay has anomalous gold of 0.51 g/t Au over 2.83 metres and is characterized by a bleached gneiss with 2-3 % disseminated pyrite. At 156.75 metres, the hole intersects a 10 metre interval of dark matrix-dominated feldspar porphyry. The hole ends in mafic gneiss at 185.06 metres. These mafic gneisses are variably magnetic and are derived from remnant pillow basalts. Between 119.40 and 131.68 metres, the hole intersected a zone comprised of gneisses whose foliation is parallel to core axis. This is the second largest intersection of foliation parallel to core axis intersected in this year's drilling. Immediately above this interval is a zone of moderately broken and clay rock and below is a large interval of consolidated fault gouge.

DDH-11-272

Drill hole DDH-11-272 was designed to test as a 25 metre step out SW of DDH-11-271. The hole collared in mafic gneiss that is variably silicified and interfingered with short intervals of a feldspar porphyry down to about 90 metres. The hole intersected three stringers before coring the Main Vein interval at 95.40 metres. The stringer zones consist of a 5 cm brecciated sulphide vein at 75.05 metres and in faulted zones in other locales. The Main Vein is actually two 25 centimetre semi-massive sulphide veins containing arsenopyrite, pyrite, sphalerite, and galena which occur in a feldspar schist unit between 98.67-100.75 metres. The alteration and mineralizing envelope extends from 96.65 to 105.80 metres, but is weaker than seen in other areas. The interval runs 7.55 g/t Au and 296.49 g/t Ag over 9.15 metres. The mafic gneiss is in a faulted transition with a phyllic altered feldspar schist at 101.00-105.00 metres. This is accompanied by several smaller zones of broken core and rubble. Between 117.65-138.40 metres the core was drilled parallel to schistosity, more or less directly down a contact between feldspar schist and mafic gneisses. The upper and lower "contacts" to this interval are both healed bleached breccias, with the lower one having some additional zones of broken core. This interval is the largest intersection of foliation parallel to core axis drilled this year. Below this interval, the hole intersected bleached feldspar schist to gneiss which then transitions into a competent foliated mafic gneiss by 184.00 metres.

The FW Vein is intersected between 175.30 and 177.61 metres and is a semi-massive vein containing 50% pyrite, arsenopyrite, galena, and sphalerite. Surprisingly, the interval runs only anomalous gold at 1.27 g/t Au over 2.31 metres. The hole ended at 194.21 metres in mafic gneiss.

DDH-11-273

Drill hole DDH-11-273 was drilled to test the southern extension of the mineralization discovered in DDH-11-260b.

This hole intersected a repetitive interval of mafic and felsic gneisses with relict pillow textures. The upper part of the hole is very faulted and broken with moderate to poor recovery. The lower part of the hole has an increase in clear to translucent quartz veins with molybdenum selvages that have a strong to moderate porphyry appearance. The felsic and mafic gneisses appear to be just alteration differences, but the transition from one another is fairly abrupt. Small dykes of feldspar porphyry, and quartz poor granodiorite crosscut the unit starting below 98.00 metres. The sulphides are concentrated in veins and

breccias with faulted boundaries up to 2 metres wide. There appears to be a repetitive nature to the sequence suggesting that it may be the same vein, just faulted normally or folded. The sulphide breccias consist of both black and red sphalerite with galena, arsenopyrite, and chalcopyrite; assays were disappointing. The hole intersected four gold enriched stringers prior to intersecting the two splays of the FW Vein at 132.88 and 141.80 metres respectively. The FW Vein is characterized by a brecciated sulphide rich gneiss consisting of 5% pyrite and trace amounts of galena, sphalerite and arsenopyrite. There is a possibility that this intersection could be the Main Vein with the East Vein actually being the FW Vein.

The Main Vein splays assay 0.35 g/t Au and 8.62 g/t Ag between 132.88 and 136.5 metres, and 1.23 g/t Au and 50.66 g/t Ag between 141.80 and 147.60 metres. Combined, the splays run 0.60 g/t Au and 22.84 g/t Ag between 132.88 and 147.60 metres. The lower 100 metres of the hole has thin <1cm quartz veins with variable amounts of black unidentifiable sulphide. There are several intervals where sulphides were observed but no or low gold only was detected and only minor Pb, Zn and Ag. As yet, there is no explanation for this as in other sulphide rich sections of the deposit both gold and base metals returned higher values.

The East Vein, at 181.40-185.50 metres, consists of several narrow massive sulphide veins up to 8 cm in width, with the total interval returning 2.96 g/t Au and 13.38 g/t Ag.

The hole has higher arsenic than seen in other holes. Below 138.00 metres the hole has a strong porphyritic appearance and quartz veining with molybdenum selvages. The increase in molybdenum is associated with a strong phyllic porphyry alteration appearance, also noted in DDH-11-260B below 113.00 metres and DDH-11-259 below 114.94 metres.

DDH-11-274

Drill hole DDH-11-274 is a 25-metre step out west of DDH-10-241. The upper 80 metres of the hole is strongly silicified and weathered, and alternates between mafic gneiss, feldspar porphyry, and granodiorite. The core intersects a gouged fault below which the units are un-silicified, until intersecting the large quartz latite unit at 162.27 metres. There are two sulphide zones between 74.17-85.10 and 118.90-130.92 metres, which are attributed to the HW and Main Veins respectively. These zones and the intervening interval are very brecciated and faulted, and in general the sulphide veins were associated with the strongest brecciation. The HW Vein runs 6.16 g/t Au and 119.85 g/t Ag over 10.93 metres while the Main Vein runs 4.50 g/t Au and 212.70 g/t Ag over 12.02. The style of mineralization of the HW and Main Veins include semi-massive sulphides with haloes above and below of veinlets and stringers of the same material. The exception to this is the FW Vein at 180.50 metres which occurs in the middle of a non-brecciated, silicified quartz latite. The FW Vein ran 1.69 g/t Au and 87.32 g/t Ag over 4.98 metres. The hole terminated in diorite at 192.99 metres.

Drill Hole Results

The drill program was successful in achieving its primary goals of confirming previous gold mineralization intercepted by historic drill holes and preserving the grade of the Flex Zone. The ability to test the

southern extension of the zone has proved to be difficult as a result of poor ground conditions. Drilling in the OK Zone confirmed mineralization discovered in trenches, even though it was not the widths or grades present in the trenches. Mineralization parallels the known trend in the area and can now be traced over a strike length of 400 metres. A summary of the analytical results can be seen in Table 3.

Re-analysis Results

Four standards failed on the 3rd standard deviation for gold fire assay that could not be explained and had to be re-submitted. Of these, 3 passed on both the 2nd and 3rd deviation while 1 passed only on the 3rd standard deviation. The standard that passed only on the 3rd standard deviation on the second re-run, had only used 2 labs to determine the acceptable statistical values. This is very low reproducibility for a standard and is cited as the cause of the failures. For this reason, this standard was not used in the latter part of the project. Possible explanations for the other 3 standards are poor prep and cleanliness in the lab, and variations in the standard material.

Drill Hole Interpretation

Drilling in the Flex Zone during 2011 extended the known geology and mineralization to depths not previously obtained. The drilling also created several new questions on the structural aspect of the deposit model. The Flex Zone comprises a complicated series of anatomising veins, which when combined with a large number of intersecting and crosscutting faults, makes interpretation and delineation of mineralization continuity challenging. The system is hosted in and crosscuts a variety of intrusives in addition to the regional, variably altered gneisses. These gneisses trend in a roughly E-W direction in the middle and southern part of the deposit and change to the north on the hill above the Flex Zone (Flex Hill) as they bend around the intruding quartz latite. The gneisses have been stated to trend to the NE-NNE in the literature, which according to the 1986 exploration report, is the regional trend of the gneisses. Possible explanation could be a flower-structure due to a regional volcanic centre hypothesized by Hawkeye Gold (Hawkeye Gold, 2012) Figure 15.

The Flex Zone has been divided in to three subzones or pods consisting of four or five individual veins. The alteration and corresponding mineralizing envelope is large (up to 15 metres) compared to the size of the vein (1.5 metres). The accumulative effect of this makes for a very large bleached zone that is recognizable on surface. The pods or subzones were determined by weakly mineralized intervals observed in core. The shape of the pods or veins appears to be ameboid/lensoid-like and which may include splays (or stringers). The splays appear to have found additional weaknesses in the rocks during a dilation period and consequently are also slightly braided like the veins themselves. To follow each individual vein from section to section has proven difficult in several locations because it appears that separate veins have intersected or crosscut each other. Once a good structural study has taken place to define the structural history of the deposit, then the possibility of discovering either an extension or a new zone is enhanced.

The northern pod contains mostly sulphide breccias that contain strong Au and Ag mineralization within narrow breccias and veins with very large mineralized alteration halos. This pod is also host to a larger

Hole		From (m)	To (m)	Width (m)	Au (g/t)	Ag (g/t)
DDH-11-254		92.40	104.80	12.40	3.61	130.33
	includes	97.20	98.50	1.30	24.98	541.00
		118.00	125.30	7.30	1.10	38.70
		148.60	154.00	5.40	2.84	57.77
	includes	150.60	154.00	3.40	4.16	89.34
DDH-11-255		108.10	111.00	2.90	1.00	0.70
		112.90	114.25	1.35	1.14	0.40
		118.15	118.55	0.40	1.29	135.00
		119.70	121.40	1.70	0.65	5.87
		126.00	133.50	7.50	4.79	150.55
	includes	130.45	133.50	3.05	12.85	321.12
DDH-11-256		23.30	26.30	3.00	0.49	1.40
		56.90	58.60	1.70	1.35	4.80
		71.15	81.10	9.95	4.12	63.50
	includes	77.50	81.10	3.60	7.89	74.53
		93.00	94.00	1.00	6.17	165.25
	includes	93.00	93.50	0.50	11.40	302.00
DDH-11-257		20.12	22.12	2.00	0.89	10.75
		24.30	53.35	29.05	9.22	489.67
	includes	47.66	52.85	5.19	43.25	807.77
DDH-11-258		31.00	32.90	1.90	5.53	9.70
	includes	31.80	32.90	1.10	8.90	11.30
		55.30	63.40	8.10	3.97	76.17
	includes	57.90	63.40	5.50	4.79	101.60
	includes	61.85	62.55	0.70	18.60	256.00
		69.20	77.15	7.95	1.91	33.32
	includes	75.00	75.90	0.90	10.80	200.00
		85.00	86.85	1.85	0.94	7.57

Table 3: 2011 Significant drill intercepts

Hole		From (m)	To (m)	Width (m)	Au (g/t)	Ag (g/t)
DDH-11-259		55.90	69.30	13.40	3.63	99.78
	includes	58.10	60.30	2.20	18.24	526.90
	includes	58.10	59.35	1.25	28.92	823.36
		83.50	92.15	8.65	2.73	29.24
	includes	87.00	92.15	5.15	4.24	43.20
	includes	89.85	90.55	0.70	16.60	116.00
		120.20	122.70	2.50	1.67	12.34
		127.30	129.40	2.10	3.34	97.95
	includes	128.15	129.40	1.25	5.17	160.95
DDH-11-260b		56.80	63.41	6.61	3.63	5.81
	includes	61.90	63.41	1.51	7.88	7.50
		121.00	123.80	2.80	8.38	322.00
	includes	121.65	122.95	1.30	16.82	689.50
		254.74	257.50	2.76	0.35	7.85
DDH-11-261		24.90	25.25	0.35	10.33	3.20
		53.10	55.35	2.25	1.77	4.81
		60.10	66.48	6.38	1.75	17.27
		116.58	119.80	3.22	2.21	89.36
	includes	117.30	118.65	1.35	4.57	202.00
DDH-11-262		97.85	99.60	1.75	0.92	2.03
		107.40	114.00	6.60	10.43	141.89
	includes	107.40	108.60	1.20	55.38	771.00
DDH-11-263		17.35	21.85	4.50	1.63	6.76
		30.50	31.55	1.05	1.28	3.50
		82.50	85.70	3.20	8.56	488.25
	includes	83.85	84.30	0.45	56.60	3288.00
		93.70	95.05	1.35	2.69	45.50
		99.55	105.50	5.95	0.46	10.78
	includes	102.50	104.00	1.50	1.08	4.50
DDH-11-264		43.60	46.10	2.50	1.00	3.83

Table 3: 2011 Significant drill intercepts

Hole		From (m)	To (m)	Width (m)	Au (g/t)	Ag (g/t)
DDH-11-265		44.10	45.35	1.25	2.91	0.20
		117.45	120.85	3.40	0.92	49.89
	includes	117.45	118.25	0.80	2.22	181.00
		132.80	139.30	6.50	0.93	17.87
	includes	136.20	139.30	3.10	1.30	17.65
DDH-11-266		37.00	39.94	2.94	0.81	0.65
		68.00	69.70	1.70	1.44	54.94
		77.70	78.50	0.80	4.07	9.70
		143	144.6	0.6	2.33	9.8
DDH-11-267		9.90	15.90	6.00	0.47	4.21
		95.35	97.25	1.90	1.73	30.55
		104.20	104.85	0.65	2.08	8.51
		185.65	185.95	0.30	4.39	1.30
		191.45	192.20	0.75	2.93	9.56
		201.65	204.00	2.35	1.58	0.79
		233.40	234.40	1.00	0.61	5.60
DDH-11-268		75.15	75.70	0.55	1.36	48.69
		86.70	87.45	0.75	1.12	29.51
DDH-11-269		28.50	29.50	1.00	0.38	12.20
		67.76	76.95	9.19	0.26	22.23
DDH-11-270		23.60	25.60	2.00	0.44	12.05
		39.63	44.60	4.97	0.43	7.70
		80.85	81.84	0.99	0.39	0.20
DDH-11-271		29.57	32.62	3.05	0.34	3.40
		35.62	51.15	15.53	9.12	193.36
	includes	36.60	38.00	1.40	61.53	557.67
	includes	49.85	50.45	0.60	72.97	3122.00
		105.79	106.40	0.61	0.73	22.61
		140.80	143.50	2.70	7.67	62.13
	includes	142.75	143.50	0.75	20.05	133.00
		150.27	153.10	2.83	0.43	2.10

Table 3: 2011 Significant drill intercepts

Hole		From (m)	To (m)	Width (m)		Au (g/t)		Ag (g/t)
DDH-11-272		47.71	50.50	2.79		1.31		6.10
		89.14	90.75	1.61		0.75		0.80
		96.65	105.80	9.15		7.55		296.49
	includes	99.70	100.75	1.05		58.59		1884.00
	includes	103.40	105.80	2.40		28.08		284.00
		175.30	177.61	2.31		1.18		2.93
DDH-11-273		75.30	77.10	1.80		0.33		3.40
		122.87	123.37	0.50		0.43		0.01
		126.50	127.30	0.80		0.74		3.90
		132.88	133.51	0.63		0.39		3.79
		135.50	136.50	1.00		0.79		10.00
		141.80	145.60	3.80		1.92		67.40
	includes	141.80	143.63	1.83		3.45		87.57
		182.40	185.50	3.10		3.76		16.89
DDH-11-274		74.17	76.30	2.13		0.61		14.10
		79.50	84.30	4.80		7.48		111.60
	includes	81.00	81.71	0.71		45.43		284.00
		118.90	130.92	12.02		4.50		212.70
	includes	120.12	122.18	2.06		9.19		122.37
	includes	125.10	127.80	2.70		11.65		762.33
		176.22	181.20	4.98		1.74		87.32

Table 3: 2011 Significant drill intercepts

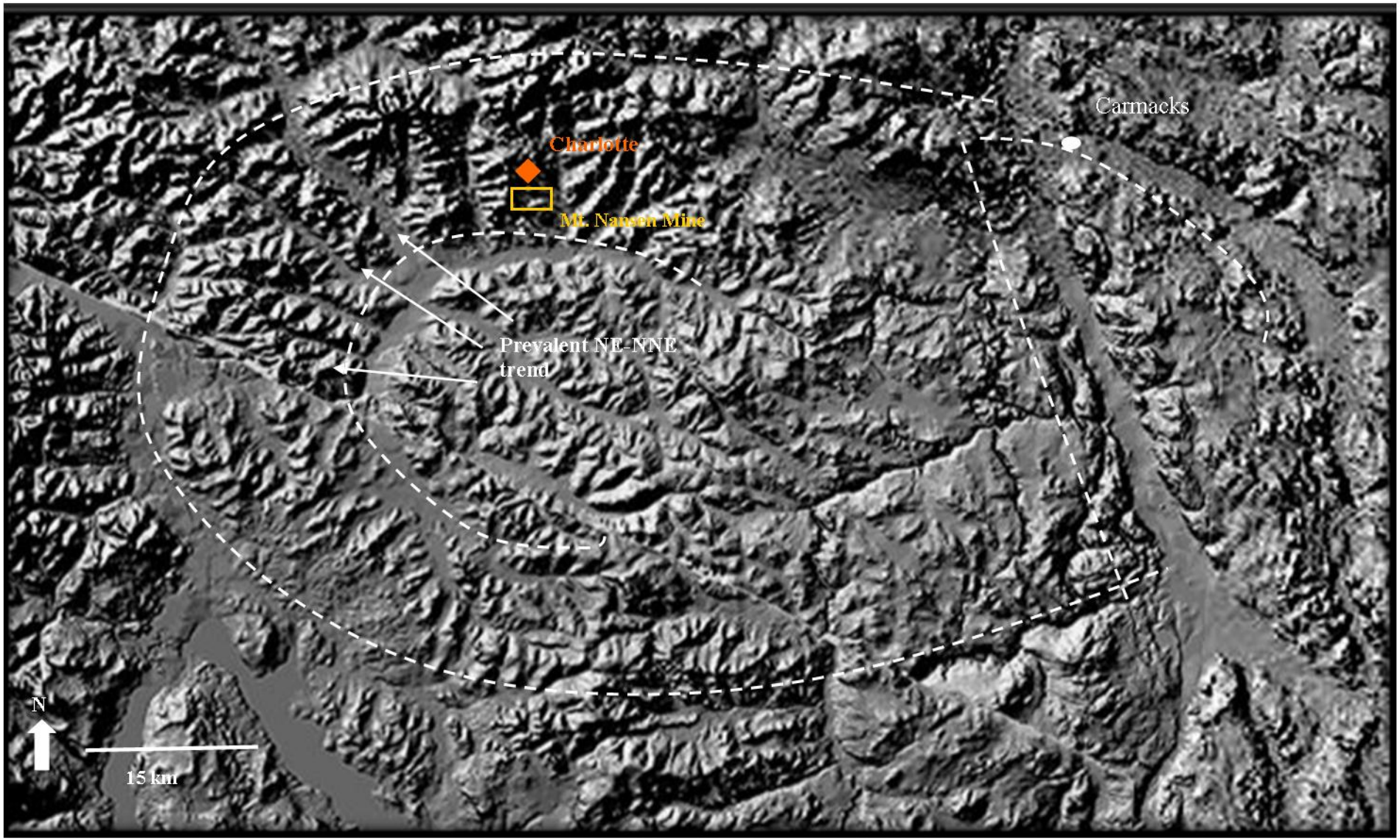


Figure 15: The southern Dawson Range and Mt. Nansen area is underlain by an extinct caldera. It has been proposed that this region was similar to Yellowstone in the past, which explains the numerous epithermal style veins and mineralization in the area. Charlotte is on the northern end of the caldera with other epithermal style deposits and showings. The northern rim of the caldera has distinct NE-NNE structures that parallel the known regional mineralizing trend. This also suggests that many of the deposits in the Mt. Nansen area are related to the same event or several events close together. Many active volcanic centres display normal faulting and collapse structures. These structures could also be a cause and explain the repetition seen on Charlotte Property. Taken from Hawkeye Gold's *Carmacks Caldera* presentation (2012).

number intrusives than the other pods. The upper part of the middle pod also has similar mineralizing textures to the northern pod, but these are less extensive. The southern pod, i.e.DDH-11- 273, still contains sulphide breccias, but not the economical grades of Au or Ag as found in the other subzones. However, the southern subzone has only been intersected with a few drill holes in the periphery and has, therefore, the potential of being expanded significantly to the south. A connection with the Huestis Zone is possible.

In the northern part of the deposit there is a megacrystic gneissic granodiorite as well as a matrix supported pale green-grey quartz latite that cross cuts the gneisses throughout. The quartz latite, which is observed at the top of Flex Hill, is altered and has been crosscut by the mineralized veins. The granodiorite is interfingered with the diorite at the bottom of many of the drill holes in the northern pod. While the granodiorite is observed in the Webber Zone, it is unknown at this point if the diorite is the same diorite that is located at the BMD.

Many of the feldspar intrusions are phyllic-argillic altered, have a porphyritic appearance but contain very little mineralization. It is similar to what has been observed in the southern pod in DDH-11-260B, DDH-11-259 and DDH-11-273. This alteration also contains a moderately anomalous molybdenum zone (Mo-Zone) exclusively within the southern pod. It has been also been noted at depth in holes DDH-11-259, DDH-11-260B and DDH-11-273 but has not been previously recognized in the historic drilling.

The middle pod contains the largest and best intersection in 2011: DDH-11-257, 9.22 g/t Au and 489 g/t Ag over 29.05 metres whereas the southern pod is weakly mineralized compared to the other two pods. However, only a few holes intersected this zone, so there is too little information at this point to make further conclusions.

It was noted that there are several different vein compositions and while further geochemical investigations are required. Several questions remain such as what is the nature of the foliation “zero angle” portions of the core. Is it a fold, overturned (highly improbable), fault or a repetitive section due to faulting.

Drilling in the Orloff-King Zone intersected interesting Ag, Pb and Zn mineralization in narrow sulphide breccias zones. The mineralized zones had significantly narrower alteration halos compared to that seen in the Flex Zone. The dominant rock type consisted of weak to moderately magnetite-enriched andesite and andesitic flows and flow breccias that have been intruded by felsic monzonites. The veins thin to the NW as evidenced by the mineralizing intervals in DDH-11-268 were significantly narrower than in the other holes. Oddly enough, these intervals also contained a much higher silver content than the other holes. The mineralization intersected in the other drill holes indicates that the mineralization is trending to the south and southwest. DDH-11-270 had wider intersections but of somewhat lower grade. DDH-11-267 had numerous shorter intervals of moderate grade. If this zone was compared to the Flex Zone model of pods and a peripheral veined fracture system, then this year’s drilling appears to have intersected the peripheral fractures of a pod rather than the wider centre section. The mineralization drilled in the Orloff-King Zone is not hosted in faults to the same degree as in the Flex Zone. The

mineralizing trend appears to be NW-SE which is similar to the regional trend. Initial drilling results show that there are two episodes of veining, similarly to what has been discovered at the Discovery Creek area and hypothesized in the Flex Zone (Langdon, 1988). This is shown by several gold only veins or Ag + low Zn and Pb veins. Gold is not always present with Ag.

2011 Trenching Summary

The purpose of the trenching on the Charlotte property was to generate future drill targets by utilizing historical BYG soil sample anomalies along with historical and 2010 trenching data. A total of 591.71 metres of new trenches were created to meet these objectives. Of the 591.71 metres only 108.0 metres were mapped and logged due to permafrost conditions. All 4 trenches that remained open from 2010 were deepened in order to reach bedrock, mapped and logged. A summary of the regions affected by trenching as well as the adjusted lengths from last year are outlined below. Figure 16 shows the exact location of any disturbances. Of the 4 newly created trenches, one was logged and mapped and subsequently reclaimed, one was back filled to prevent erosion during the off season and two remained open.

Trenching Procedures

All of the trenches were numbered in accordance to the historical naming scheme with the Initials of the zone “OK” (Orloff-King) dash TR”11” (the year) dash “01” the next trench number in sequence for that particular zone).

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, with special attention given to measuring changes in both overburden and bedrock depth.

The entire rib of the trench was continuously sampled approximately 30 centimetres above the trench floor. Sample intervals normally ranged from less than 1 metre to 1 metre in suspected areas of mineralization, and to 2-3 meters elsewhere. Care was exercised to ensure that the sample was collected uniformly across each interval.

Trenching conditions on the Charlotte 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, trenches could not be bottomed into bedrock until ice in each trench had melted. Occasionally, as the permafrost melted, slumping would occur which hindered mapping and sampling due to safety concerns. Later in the season, the permafrost in the trenches was unable to melt, leading to a few trenches being left open until the 2012 field season.

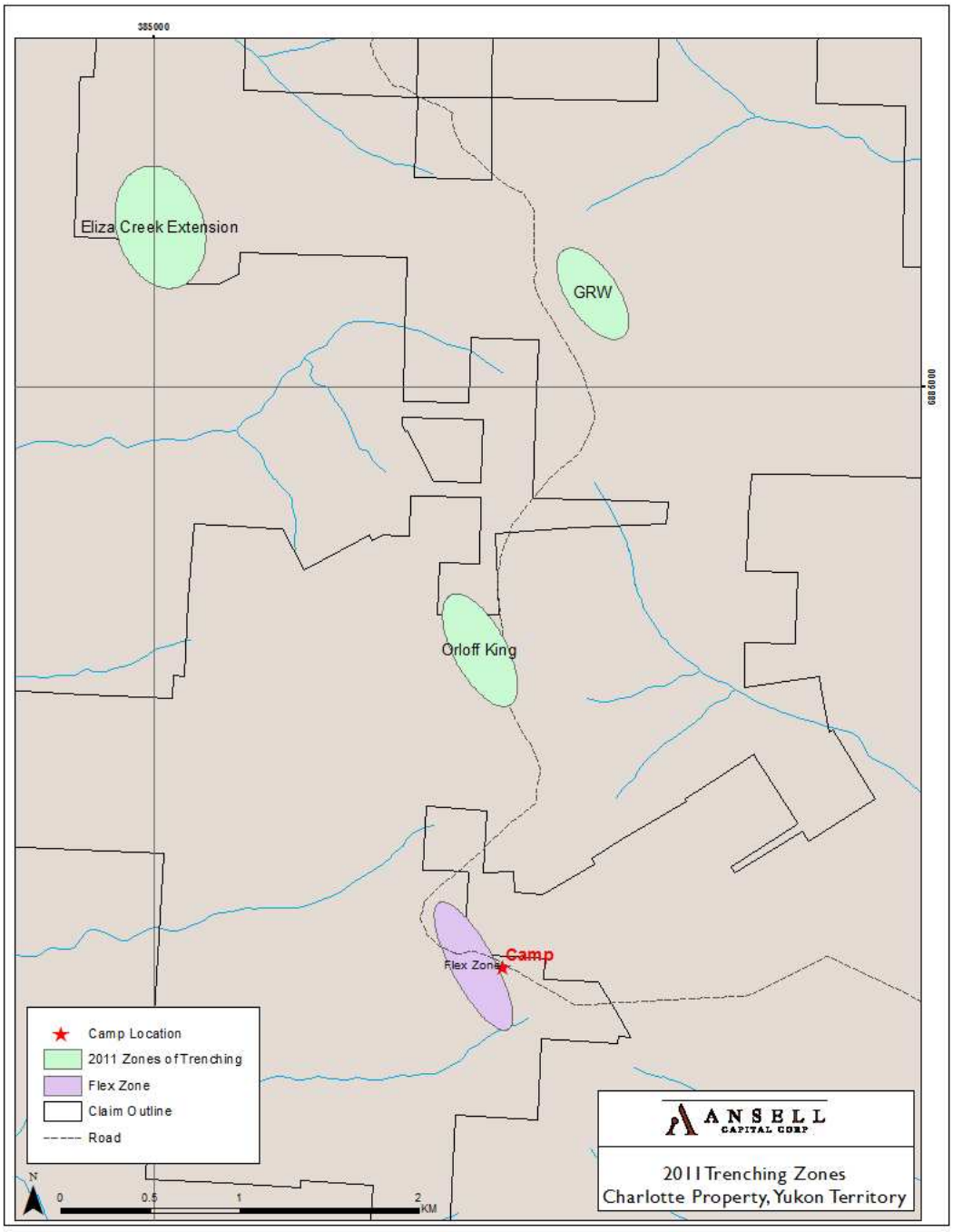


Figure16. Location of all 2011 Trenches

Eliza Creek Extension Zone

Work in the Eliza Creek Extension ("ECE") Zone consisted of the opening of two trenches and mapping a third previously opened trench, totalling 373.71 metres. Unfortunately both new trenches encountered permafrost and were left open. They will be reclaimed upon mapping and sampling in 2012. Table 4 below outlines the exact lengths and affected claim blocks in this zone.

Table 4: Total trenching in the Eliza Creek Extension Zone and affected claim blocks.

Trench	Total Length (m)	Claim	Length in Claim (m)	Grant Number
ECE-TR94-5d	36.50	TBR 2	36.50	YA86691
ECE-TR11-01	190.12	TBR 2	151.44	YA86691
		TBR 1	38.68	YA86690
ECE-TR11-02	183.59	TBR 4	105.85	YA86693
		JFB 1	77.74	YA86692

GRW Zone

Work in the GRW zone entailed the sampling and logging of two trenches, 178.7 metres, from 2010. New trenching comprised 221 metres on Dome 41 and 43. GRW-TR11-07 encountered permafrost but due to erosion concerns it was filled in. It will be re-opened and subsequently fully reclaimed in 2012 upon mapping and sampling. Table 5 below outlines the exact length of each new trench and affected claim blocks in this zone.

Table 5: Total trenching in the GRW Zone and affected claim blocks

Trench	Total Length (m)	Claim	Length in Claim (m)	Grant Number
GRW-TR10-03	118.7	Dome 42	118.7	77763
GRW-TR10-05	60	Dome 42	60.0	77763
GRW-TR11-06	108.00	Dome 41	108.0	77762
GRW-TR11-07	110.00	Dome 43	104.5	77764
		Dome 41	5.4	77762

Orloff-King Zone

Work in the OK Zone consisted of end to end sampling and logging of OK-TR-08 that remained open from 2010 due to permafrost. It was fully reclaimed upon sampling and mapping. See Table 6 below for the exact lengths of the trench and affected claim block in this zone.

Table 6: Total trenching in the Orloff-King Zone and affected claim blocks.

Trench	Total Length (m)	Claim	Length in Claim (m)	Grant Number
OK-TR10-08	49.30	Dome 53	49.30	77774

SST (Dickson) Zone

Work in the SST Zone consisted of end to end sampling of one trench that remained open from 2010. It was fully reclaimed upon sampling and mapping. See Table 7 below for the exact lengths of the trench and affected claim block in this zone.

Table 7: Total trenching in the SST Zone and affected claim blocks.

Trench	Total Length (m)	Claim	Length in Claim (m)	Grant Number
SST-TR10-04	85.00	Dome 33	85.00	77754

Trenching Results

The trenching program was successful in achieving its primary goals of expanding mineralization trends and creating new trench and drill targets for the 2012 field season. A summary of selective results is given below in Table 8. Trenching from 2011 did not yield as promising results as expected, however significant results were still intersected.

Table 8. Significant results from 2011 trenching program

Best trench results from 2011						
Zone	Trench ID	From	To	Width	Au (g/t)	Ag (g/t)
Eliza Creek Extension	ECE-TR94-5d	26.2	27.0	0.8	0.497	2.40
GRW	GRW-TR10-03	60.9	61.9	1.0	0.129	25.30
	GRW-TR10-03	49.5	51.5	2.0	0.181	2.60
	GRW-TR10-05	48.3	55.0	6.7	0.172	3.32
	GRW-TR10-06	81.0	83.7	2.7	0.216	0.90
Orloff-King	OK-TR10-08	40.0	46.0	6.0	0.227	8.80
Dickson	SST-TR10-04	18.5	21.3	2.8	0.326	0.40
	SST-TR10-04	75.0	80.0	5.0	0.972	9.92

Trench summaries: Eliza Creek Extension Zone

ECE-TR94-5d

This trench was excavated and logged in 2002 and 2003 (Stroshein, 2004), however it was re-mapped and logged for verification of rock units and assays (Figure 17) The trench was mapped from south to north. In the south, the trench intersected an unmineralized quartz monzonite with manganese staining throughout. The unit transitioned into a potassic altered granite with 1% disseminated pyrite followed by weakly mineralized and weakly silicious granodiorite. The northern end of the trench in quartz monzonite. One weathered quartz vein was intersected crosscutting the granodiorite and ran 0.46 g/t Au, 3.3 ppm Mo with low base metal values. Both the granodiorite and quartz monzonite contained weak pyrite mineralization, 0.1% for the granodiorite and 0.3-0.5% for the quartz monzonite. The trench

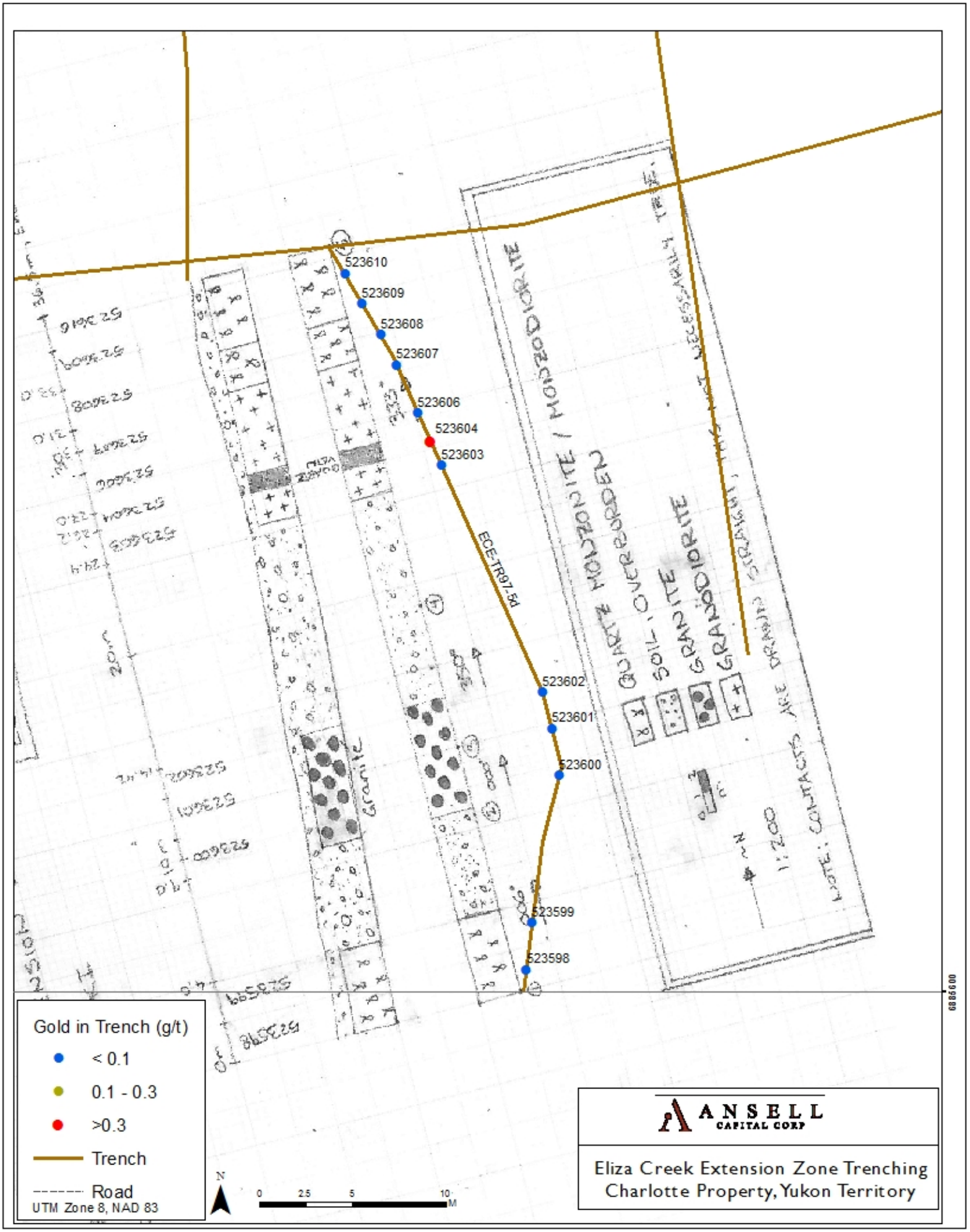


Figure 17: Eliza Creek Extension Zone trenching

did uncover shear zone B and confirmed the result obtained in 2003 of variable shear zone hosted mineralization in granodiorite.

Trench summaries: GRW Zone

GRW-TR10-03

This trench was dug in 2010 but encountered permafrost and could not be completed that year. It was deepened, mapped and reclaimed in 2011. This trench was excavated in variably clay altered fine grained granodiorite crosscut by a quartz (+/-feldspar) porphyry dyke and andesite. Except between 51.00 and 74.00 metres (Figure 18a), where between 2-3 % disseminated and fracture controlled pyrite occurred in andesite and altered granodiorite, the trench revealed little mineralization. The units were weakly to strongly siliceous with moderate Mn staining and other weathering minerals. The samples within and to the east of the andesite assayed weakly for Zn, Pb and Ag; whereas the bounding clays contained only weak Au anomalies. The highest Ag (sample 523569; 25.3 g/t Ag over 1 metre) was found between 60.90 – 61.90 metres in a strongly clay altered zone. No other intervals contained decent mineralization.

GRW-TR10-05

This trench was dug in 2010 but encountered permafrost and could not be completed that year. It was deepened, mapped and reclaimed in 2011. This trench contained almost entirely coarse grained granodiorite cross cut by a short andesite dyke (Figure 18a). Unlike TR03 where the mineralization was contained near the andesite, in this trench there is a small Zn-Pb-Ag anomaly in the andesite, but the gold is contained in a very altered interval of granodiorite surrounding a fault. Visible disseminated and fracture controlled pyrite is localised in the granodiorite, averaging 1-2%. The interval that ran did not display any visible mineralization, but strong bleaching and vuggy textures were noted. The interval ran 0.17 g/t Au and 3.32 g/t Ag over 6.70 metres.

GRW-TR11-06

This trench was dug over a gold in soil anomaly north of the 2010 trenching. This trench exposed an inter-fingering of medium grained granodiorite and coarse grained QFP. It contained more pyrite mineralization than seen in the other trenches in this zone. The bulk of the mineralization is within a very altered (bleached) and silicified interval between 40-56 metres (Figure 18b). This interval ran 0.22 g/t Au and 0.90 g/t Ag over 2.70 metres. Overall the units exposed in this trench are magnetite-chlorite-epidote altered throughout.

Trench summaries: OK Zone

OK-TR10-08

This trench (Figure 19) was excavated in 2010 but encountered permafrost. It was deepened, mapped and reclaimed in 2011. The trench followed up on a multi-element soil anomaly. It revealed very altered and sheared unidentifiable rock crosscut by minor sulphide veining. Shorter intervals were identified as andesite flows and flow breccias and could be the unidentifiable rock in other parts of the trench.

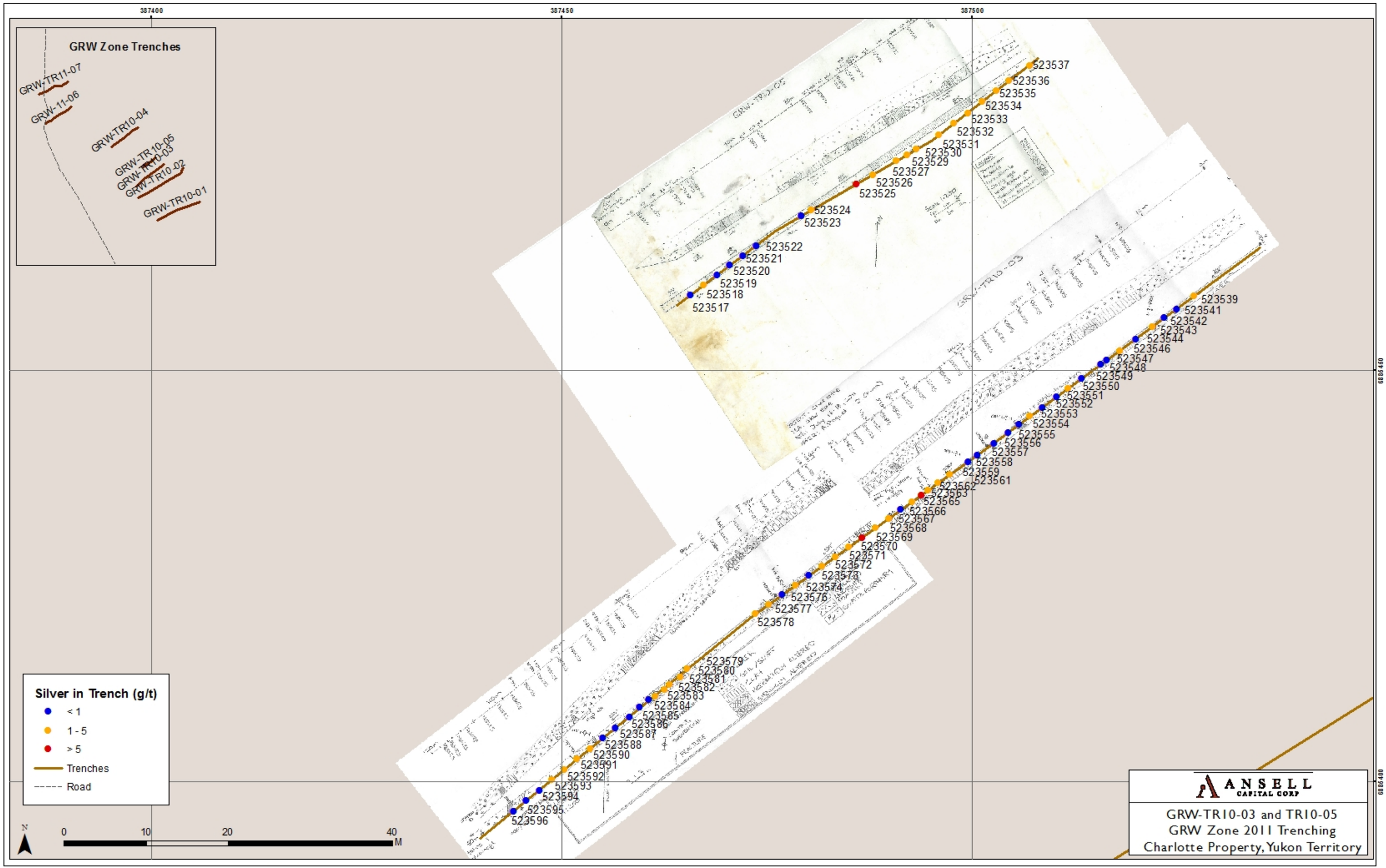


Figure 18a: Sample locations of GRW Zone trenches GRW-TR10-03 and GRW-TR10-05

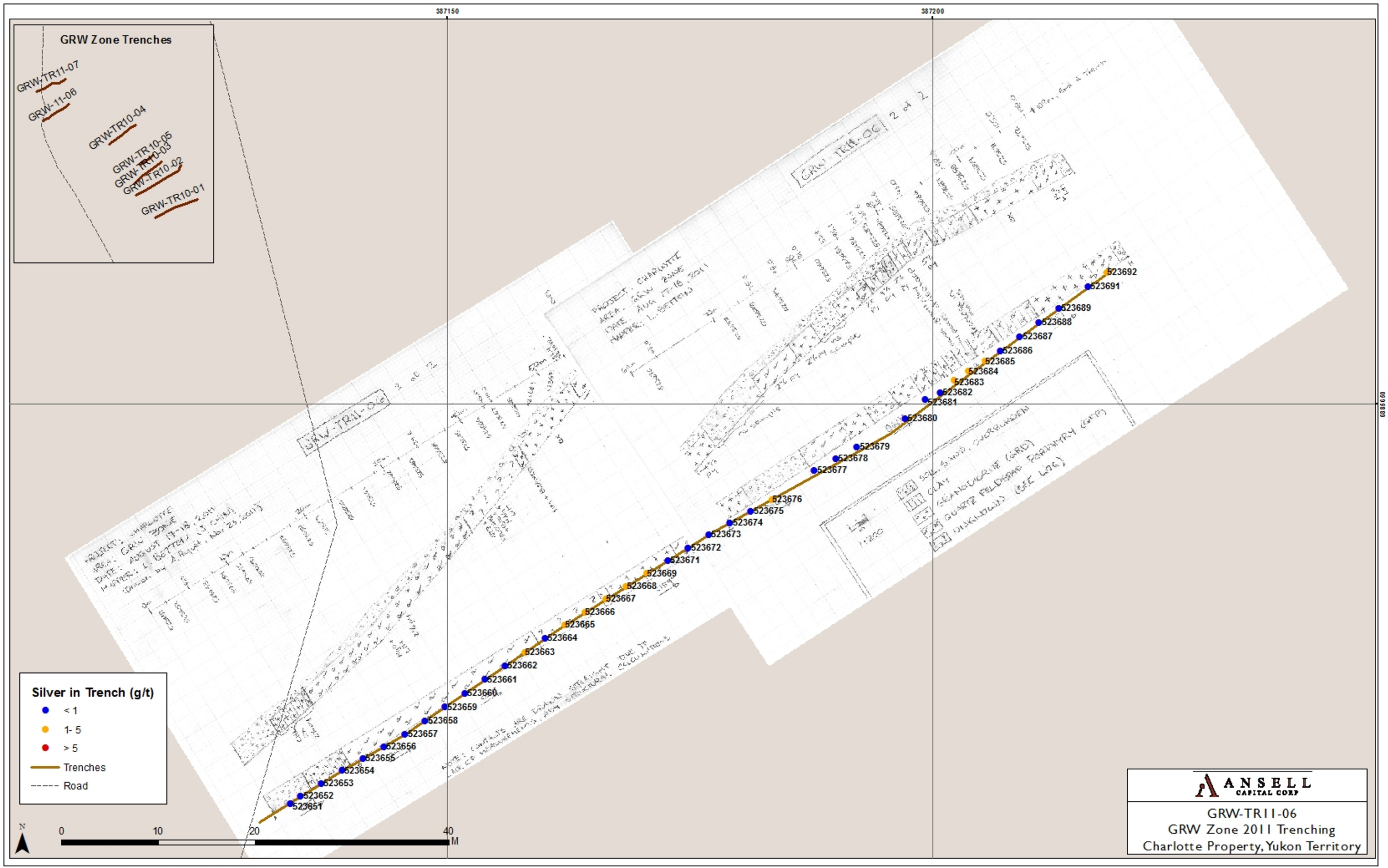


Figure 18b: Sample locations in trench GRW-TR11-06.

Mineralization was only observed in the sulphide veins, where pyrite, arsenopyrite +/- sphalerite and galena were noted in possible altered andesite. A strong clay altered gougey zone was encountered between 43.70 – 44.50 metres accompanied by a strong mineralized and alteration envelope. The interval ran 0.23 g/t Au and 8.80 g/t Ag over 6 metres, between 40.00 and 46.00 metres.

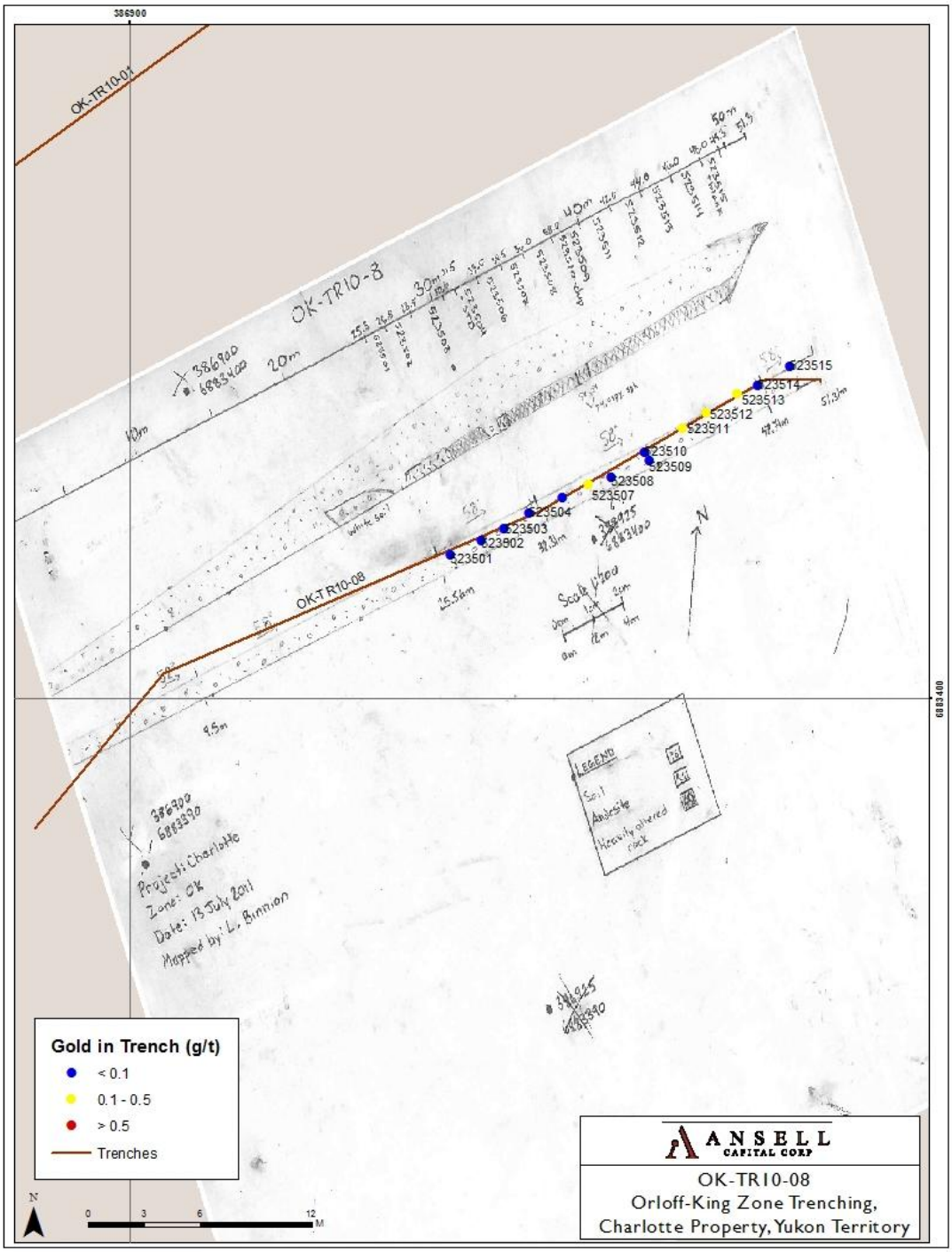


Figure 19. Location of 2010 Orloff-King Trenches and Samples

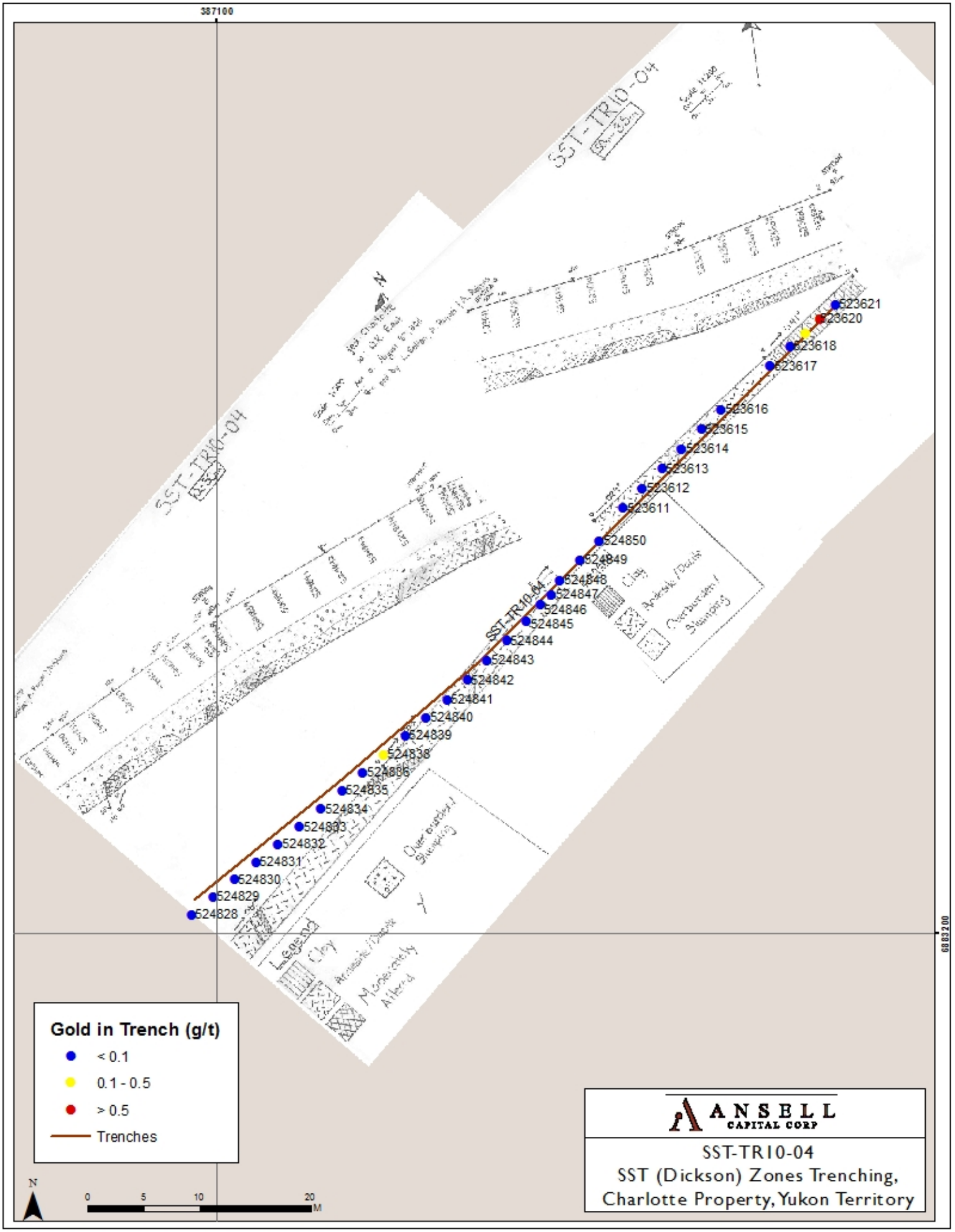


Figure 20: Sample locations in trench SST-TR10-04

Trench summaries: SST (Dickson) Zone

SST-TR10-04

This trench is located SE of the OK Zone on a steep eastern slope (Figure 20). It was dug in 2010 but encountered permafrost and could not be completed that year. It was deepened, mapped and reclaimed in 2011. Variably altered weakly to moderately magnetic andesites/dacite were encountered throughout the length of the trench. Pyrite mineralization observed as disseminations and stringers, increased from top to bottom of the slope (to the northeast). Mineralization greater than 0.30 g/t Au is related to observed moderate sericite + silica (phyllic) alteration. Minor phyllic and chloritic alteration was noted throughout the trench. This trench intersected the best Ag results for 2011 at 9.92 g/t over 5 metres.

Trenching Interpretation

Results from the GRW trenching mimicked what was seen in 2010. Low grade gold with minor Pb, Zn and Cu hosted in or near the contact with andesite. The mineralization has a NW-SE trend which parallels the regional mineralizing trend. There is little Ag and Au in the GRW zone, despite the soil anomalies found in the area. The Ag occurs as narrow NE trending zones. Zn and to a lesser extent Cu display the same trends but it is not present in the same levels. Most of the Ag-Zn anomalies are located in the southern trenches. There is an increase in mineralization to the NW, but it is not reflected in the assay values. Overall the trench results did not reflect what was detected in the soils. Several reasons could exist for this, including soil creep, supergene mineralization, weathering or perhaps the choice of assay package.

The OK Zone is characterized by narrow Ag zones with minor Zn and Au and trace Pb. There are low Cu values with weak moderate spikes that correspond to the zones in the OK trench, but not the SST trench. In the SST trench, there are two zones of Au mineralization, but only one of Ag.

2011 Soil Geochemistry Program

In 2011 a B horizon soil geochemical sampling program was conducted over parts of the Charlotte Property in conjunction with the soil sampling program on the Discovery Creek Property. The aim of the program was to extend the soil lines from the 1985-1986 program conducted by Archer Cathro. Only a few of the lines actually extended on to the Discovery Creek property, as the Discovery Creek property was acquired fairly late in the planning stages of the program. All work was done in accordance with the Yukon Class 3 permit under the Quartz Mining Act, LQ000288.

Despite the relatively deep weathering, soil development is generally poor. Typical soil profiles consist of 5 to 10 centimetres of organics overlying 0 to 5 centimetres of white volcanic ash, 10 to 100 centimetres of red-brown soil and 100 to 200 centimetres of decomposed bedrock mixed with soil through

solufluction. 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.

Soil lines were spaced 100 metres apart and samples were taken every 50 metres along each line. Every 20th sample location had a duplicate sample taken for QA/QC purposes. A second hole was dug for this sample and labelled with a sequential sample number. A total of 868 samples were collected on the Charlotte claims, including 13 duplicates. See Appendices 7 and 8 for sample descriptions and assay certificates. The property covers several placer gold operations, where the ground is severely disturbed. Where the soil lines passed through the operation, samples were generally still taken, but it was noted that the sample was taken on the grounds of a placer operation. If there was no B horizon present, a sample was not taken.

There are several trends and features that were interpreted from the 2011 data. Note that many of the conclusions were done in correlation with digitized historical data from 1985, 1986, 2001 and 2003 in addition to the 2011 data. The references for all of these can be found in the Bibliography and Reference section of this report.

The best soil results were found in the northern part of the deposit overlaying the porphyry and in the Eliza Creek and Discovery Creek areas. The anomaly has 2307.9 ppb Au, 178.9 ppm Cu and is located in the porphyry area in the northern part of the property. The second best Au in soil, also contained the highest Pb and Zn values: 1377.5 ppb Au, 23.6 Ag, 4783.7 ppm Pb and 859 ppm Zn and is located in the Eliza Creek area. Summit Creek in the northern part of the property is a low for many elements that have highs on either side and that correspond to Anomaly A and B (Figure 25). Anomaly A and B are roughly on the NE and SW side of the creek. The creek is a low for Au, Cu, Zn, Fe, Sb and numerous other elements. Mo is only concentrated NE of the creek with a Cu in soil high that corresponds to the known Cu-Mo target on the property. This has been named Anomaly A. This proposed structure parallels the known mineralizing direction, which adds a complication since it is unmineralized.

Gold (Au)

There are numerous gold anomalies throughout the property and most trends continue in the NW direction which is the trend direction of known mineralization in the area (Figure 21). There are several locations where the general trend veered to the west (displaying an EW trend) and or to the north (displaying a NS trend). Most of these deviations occur in the area of the porphyry in the northern part of the deposit. Overall, gold has a moderate correlation with Pb and As in soils throughout the property. Gold has a positive correlation to copper in the north where most of the deviations from the usual NW trend occur. North of Summit Creek Au has a moderate correlation with Mo and Cu, but south of Summit Creek, Au is anomalous only with Cu. Arsenic has a strong correlation with Au, particularly in the porphyry area. Throughout the rest of the property Au and As have only a moderate correlation. Au and Ag generally have a strong correlation, however there is a large silver anomaly north of the Webber Creek fault in the granodiorite that does not have a corresponding Au anomaly.

Silver (Ag)

Silver anomalies are also pervasive through-out the deposit (Figure 22). Silver displays similar trends to that seen in the gold, except there is a less distinct NW-SE trend. There are weak N-S trends throughout the property but not concentrated in one location as seen with Au. The trends are more irregular or blob- like in that they have no distinct pattern. Silver and Au are generally well correlated, however there is a large silver anomaly north of the Webber Creek Fault in the granodiorite that does not have a corresponding Au anomaly. There are two corresponding silver lows as well that trend NW that could be indicative of a vein repetition that is seen in the Discovery Creek Valley; Willow Creek is the upper portion of the Eliza Creek vein system (Langdon, 1988).

Molybdenum (Mo)

Mo is virtually absent from the Charlotte Property with the exception of the large porphyry in the north (Figure 23). High Mo in soil is seen north of Summit Creek, where there is a corresponding Cu high and moderate gold.

Copper (Cu)

Cu is related to Mo in the porphyry target in the northern part of the property (Figure 24). There are a few anomalous samples scattered throughout the property, but few show any distinctive trends. There is a slight elevated anomaly that parallels Back Creek. The lineation and trend of the creek can be extended through a saddle to the NW to the Eliza Creek Extension area. This trend passes close to the Willow Creek deposit on the Discovery Creek claims.

Mercury (Hg)

Mercury does not correlate well with gold, but does with silver (Figure 25). The distribution of Hg in soils on the property is fairly patchy and does not show any marked trends. There is no discrete concentration of Hg and it also does not appear to be structurally controlled.

Sulphur (S)

Sulphur in soils is low in the south around Webber and Flex Creeks (Figure 26). It increases to the north with the majority of the highs being concentrated north of Discovery Creek in the ECE and the porphyry areas.

Bismuth (Bi)

Bismuth which is known to correlate with gold in other deposits in the area, only correlates with the porphyry related gold, which is concentrated in the northern part of the property and not the vein gold (Figure 27). It is virtually absent from the Webber, Flex and Huestis (WFH) Zones.

Antimony (Sb)

Like Bi, Sb correlates with the porphyry in the north rather than with the veins in the south (Figure 28). It is virtually absent in the soils in the WFH.

Other:
Most of the Cd trends are seen in the ridges surrounding Discovery Creek Valley or near the intersection of Rusk Creek Fault and East Fork Creek Fault. Ni is higher in the WFH area compared to the porphyry area. In addition, locally, around the Webber and Flex Creeks, Ni is low compared to the surrounding areas. Most of the Co anomalies are at the headwaters of Eliza Creek and the ridge between Willow Creek and Discovery Creek. This is similar to Mn whose anomalous samples weakly trend in a NE direction. Overall Mn in soils is low in the region of WFH but in higher concentrations in the porphyry area.

2011 Mapping and Sampling Program

The aim of the mapping program was to conduct a further ground truthing and investigation program on the property to confirm historical drilling and trenching, as well as to verify mineralization and geology of the property.

The ground was traversed starting in the NE part of the claims and moved south to cover the most extensively worked ground on the Goulter and ECE showings. This part of the program was done in conjunction with the Discovery Creek project. A total of 155 outcrops or locations within old exposed trenches were visited during the field season from which 44 hand samples were taken for geochemical analysis. See Appendices IX and X for sample descriptions and assay certificates. The following geological descriptions are based on 2011 field mapping and drilling work only. Insufficient time was spent to cover the entire property so not all geological units that are shown in Figure 29 are presented below.

Within the units described in the property section, there are several variations that were able to be identified based on this year's drilling and geological mapping. Several different subunits of gneisses were observed during the Flex Zone drilling; namely felsic, mafic and bleached. There are subtle but distinct differences between them with the difference between the mafic and bleached is the intensity of alteration. The brown-tan to white coloured bleached gneisses host the majority of the mineralization. Theses gneisses have textures that are remnant of pillow basalts and are locally weakly magnetic (observed in DDH-11-264 and 266). The felsic gneisses comprise a range of compositions, namely sericite-muscovite gneiss (with clear muscovite books) and a gneiss that is composed of well defined quartz bands. These gneisses most likely have a volcaniclastic protolith.

Mafic Gneiss (Amphibole+/- biotite gneiss)
This gneiss appears to be the dominant gneiss in the Yukon Metamorphic Terrane. It consists of amphibole to biotite gneisses with variable amounts of alteration. This unit hosts the veins throughout the Flex Zone. Locally, the unit displays evidence of what could be pillow rinds, confirming that the unit was derived from a volcanic source.

Bleached Gneiss
This gneiss is an altered (bleached) version of the mafic gneiss described above.

Muscovite Schist/Gneiss
This unit is pale yellow to white and pale orange in colour and contains well developed books of muscovite.

Quartz banded gneiss
This unit is distinctive due to strong bands of quartz within sericite and other clays. The unit is white to grey-yellow in colour.

Quartz Latite
This unit is located at surface in the northern part of the Flex Zone and dips steeply to the south. It is found in the bottom of DDH-11-264 and but not further south. It is characterized by quartz crystals hosted in a grey-green aphanitic matrix that is variably silicified. It was noted in earlier logs as a quartz porphyry.

Quartz-Feldspar porphyry
This unit comprises several different stages of intrusives throughout the deposit. It is a phenocryst rich unit.

Diorite
The diorite was intersected at the base of several holes in the northern subzone. The unit is dark green, fine grained, non magnetic and weakly pyritic. It does not appear to host any of the veins, but further drilling is needed to confirm this.

Megacrystic Granodiorite
This unit is found in outcrop at the Webber Zone and along the road between the Flex and Webber Zones. It was intersected in 2 places in DDH-11-265; the lower intersection was interfingered with diorite and in DDH-11-266 in the lower half of the hole and is variably altered. This unit is pre-mineralization and hosts both the Webber deposit and the HW vein in the northern part of the Flex Zone. The unit consists of large plagioclase and quartz phenocrysts, up to 1 cm in diameter, that are variably foliated and occur with 30% mafics that are comprised of chlorite, amphibole +/- magnetite. The quartz and feldspar have more of a botroidal, clotty, appearance indicating that the unit was subjected to high degrees of metamorphism. Pyrite is disseminated along fractures and within chlorite. Epidote is also seen as small rare blebs. This unit could be closely related to the diorite depending on the feldspar composition. This granodiorite is in DDH-11-266 where it is mineralized by sulphide veins assaying to 2.00 g/t Au and 9.80 g/t Ag. The granodiorite has intruded the Nasina Assemblage.

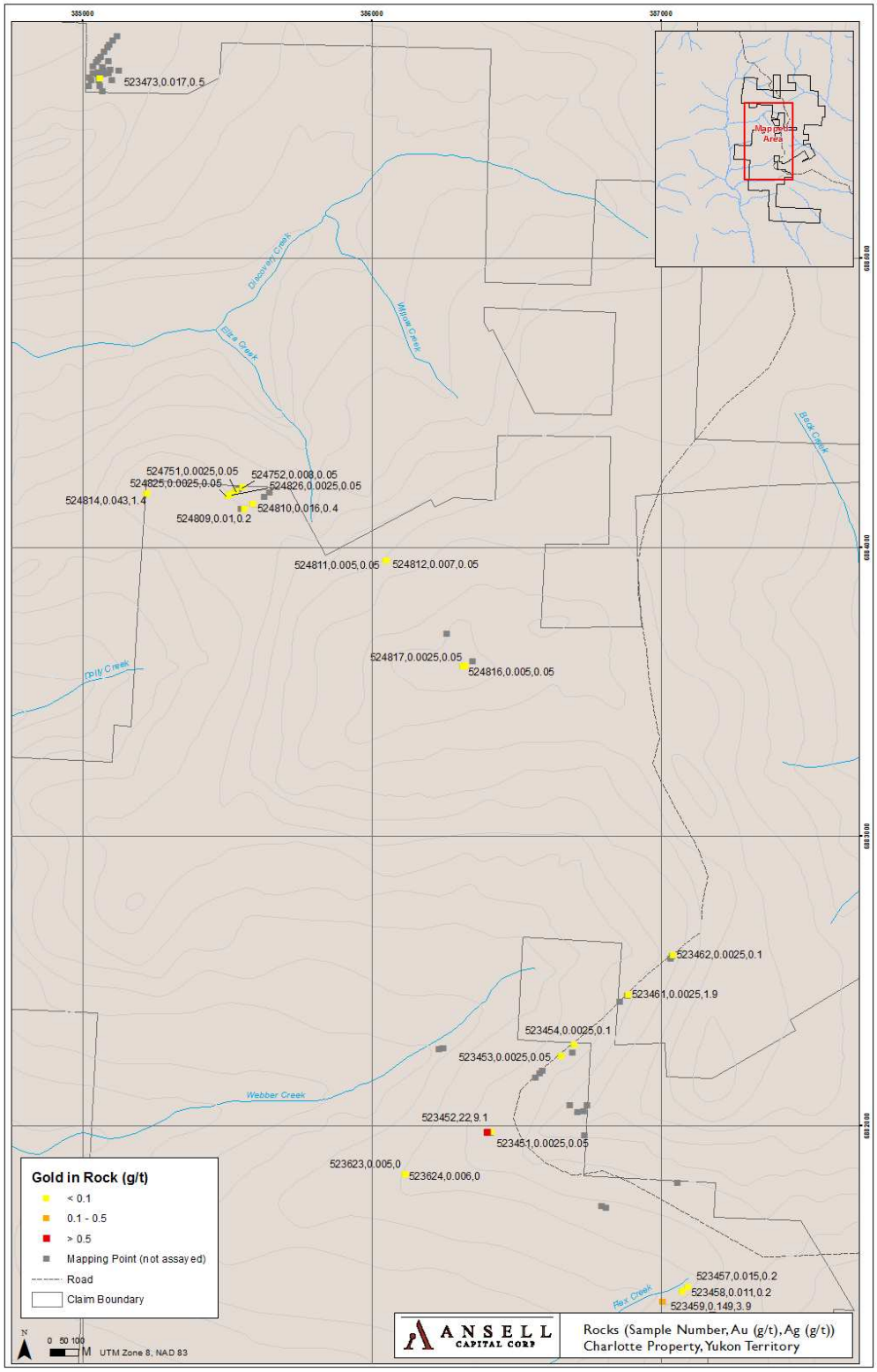


Figure 29: Rock results from the Charlotte Project

Andesite, andesite flows and breccias

These units are found in the OK Zone north of the Flex Zone. They consist of large fine to medium grained grey- andesites and andesitic flows and breccias. Small, 0.5-2 mm, phenocrysts of plagioclase and chlorite altered to biotite are observed throughout. The unit is weakly magnetic, although no magnetite veins are seen. Late disseminated pyrite and pyrite stringers are seen throughout. The breccias and flow breccias have a jigsaw texture and consist of angular fragments. Minor intervals of matrix supported breccias are seen. More breccias and cataclastic textures are observed in the northern part of the OK Zone. The units are variably siliceous and weakly calcareous.

Monzonite

This unit was intersected in the OK Zone and could be related to the intrusives seen in the Flex Zone. Locally this unit appears to be a bleached and sericite altered version of andesite, however the textures and minerals are difficult to discern as this unit is always moderately to strongly sericite and clay altered. The unit has sharp or gradational contacts over short distances which are variably faulted. The monzonite is fine to medium grained, white to grey and tan coloured. The unit is generally soft and dominated by clay and sericite alteration. Mafics are hornblende +/- biotite altering to chlorite and rutile. Rare magnetic patches are present.

Reclamation work

In addition to the trenches that were opened and reclaimed in the 2011 field season, reclamation was also initiated on trenches left un-reclaimed in 2010 and by the previous operator. Reclamation work was undertaken on the heavily disturbed and previously un-reclaimed Huestis Zone (Dome 20 claim). This area had undergone extensive stripping, trenching and drilling in the 1980's and is shown below in Figure 30.

There were two portions to the reclamation work including a small amount of reclamation of old BYG workings was done this year, in addition to new and old trenches opened from this year's and last year's work. Several trenches encountered permafrost during excavation and as a result were left open.

A total of 719.1 metres of trenches was reclaimed this year, 208 metres of new trenching and 511.1 metres of 2010 trenching in the GRW Zone. Trench GRW-TR11-07 was opened and encountered permafrost, but due to erosion concerns, it was reclaimed. It will be re-opened next year and subsequently reclaimed upon mapping and logging. Note that there was an error in last year's post season report where it was reported that GRW-TR10-02 was reclaimed when in fact it was not. It was fully reclaimed this year.

A total of 2781m^2 of historical trenches in the Huestis Zone were reclaimed. Figure 30 depicts the region of reclamation.

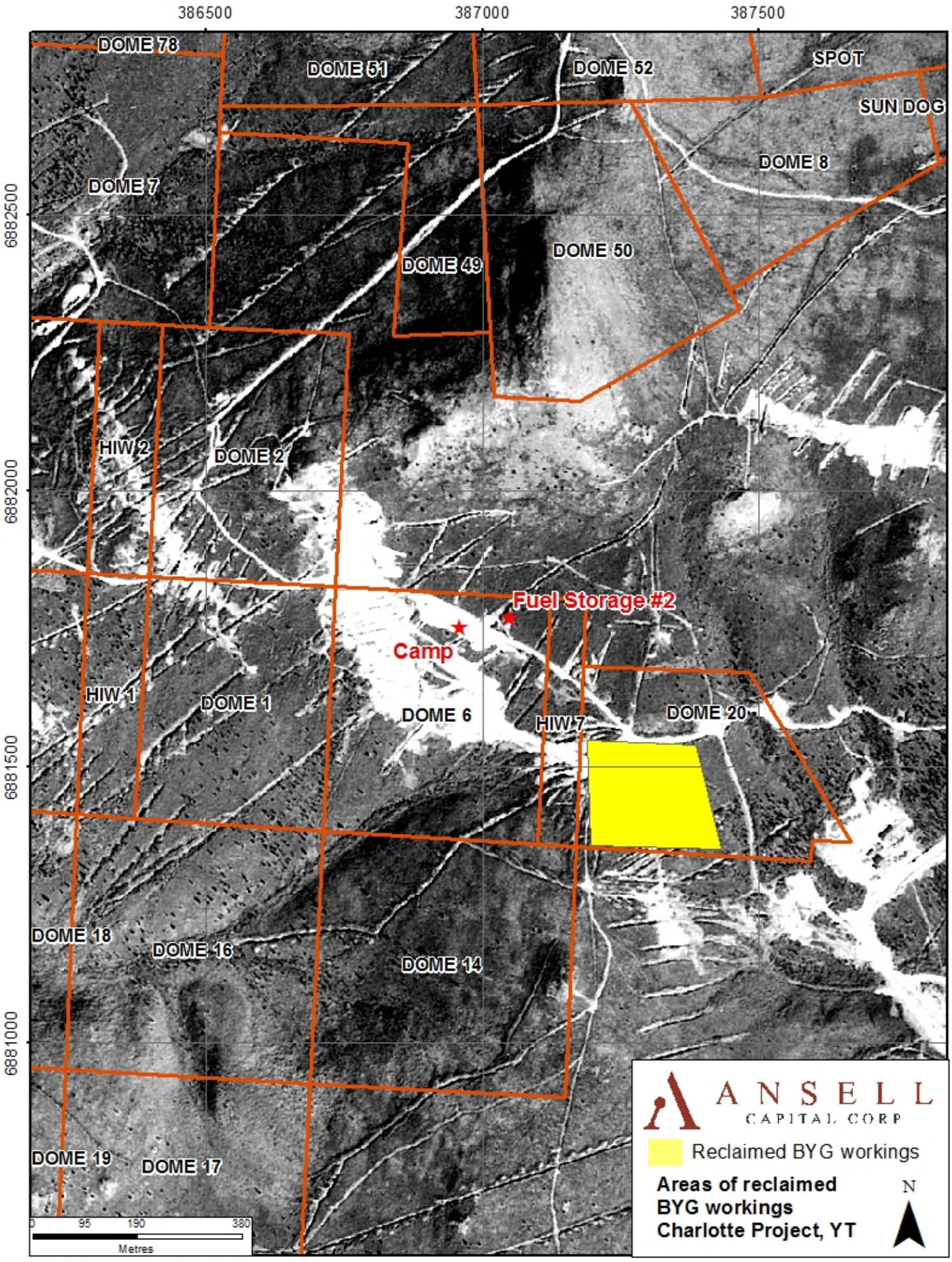


Figure 30: Areas of 2011 reclamation

Table 9: Reclaimed trenches in the GRW Zone.

Trench	Total Length (m)	Claim	Length in Claim (m)	Grant Number
GRW-TR10-02	188.10	Dome 42	188.1	77763
GRW-TR10-03	118.7	Dome 42	118.7	77763
GRW-TR10-05	60.0	Dome 42	60.0	77763
GRW-TR11-06	108.00	Dome 41	108.0	77762
GRW-TR11-07	110.00	Dome 43	104.5	77764
		Dome 41	5.4	77762

Table10: Reclaimed trenches in the Orloff-King Zone.

Trench	Total Length (m)	Claim	Length in Claim (m)	Grant Number
OK-TR10-08	49.30	Dome 53	49.30	77774

Table 11: Reclaimed trenches in the SST Zone.

Trench	Total Length (m)	Claim	Length in Claim (m)	Grant Number
SST-TR10-04	85.00	Dome 33	85.00	77754

Interpretation and Conclusions

If the Flex Zone continues to repeat as determined by drilling, then from the southern pod south to Flex Creek there should be another pod of high Au and Ag. The mineralization seen in DDH-11-273 is interpreted to be the margins of another pod that could continue to the SE and connect with the Huestis Zone. The mapping exercise in the historical Huestis trenches in that area (samples LHT-11A-C) discovered weak Au (0.15 g/t) mineralization as well as weak highs in Mn and As that are indicative of gold in the area. DDH-11-273 intersected encouraging mineralization, but not as high as anticipated. All of the veins are still open at depth. While historically the mineralization is related to porphyry intrusions, which holds true in the northern pod, it is not so in the southern and middle pods where there are comparatively very few intrusions. This could explain the relative reduction in mineralization in the southern pod.

There are several zones, particularly in the middle to southern pods where the gneissosity and foliation of the gneisses is parallel to the core axis. This, along with the fact that the core in several other areas of the Flex Zone has a repetitive nature, could indicate that the drill holes may have gone through the nose of a fold. Once the nature and direction of the feature is determined, and timing is such that it was after the mineralization at 100-110 Mya, then deeper down, or elsewhere on the property could be another series of sulphide veins and breccias similar to Flex, Huestis or even Brown-McDade (BMD). This needs more work and investigation.

Several faults have been intersected in the Flex Zone. Many of the larger faults contain moderately to strongly mineralized zones which evidentially were used as pathways for mineralization. There are several faults that were intersected in DDH-11-262 and DDH-10-253 that did not contain mineralization.

The Flex Zone is related to intrusive rocks and displays metal signatures that are similar to Sillitoe (1993) to a low sulphidation epithermal deposit. It should be noted that there may be several episodes of mineralization in the Flex Zone, one being gold rich and another being Ag + base metals. More geochemical work on previously drilled core is warranted. There is a clear localized overprint of argillic to advanced argillic alteration due to steam-heated acidic and/or weathering overprint of the system making clear identification of the lithologies and alteration mineral assemblages difficult to determine, particularly in close proximity to the sulphide veins in both drill core and field mapping (White and Hedenquist, 1995).

The mineralization in the OK Zone trends to the SE where high grade Ag and Au mineralization was intersected in Trench SST-TR10-04. The results were 0.97 g/t Au and 9.90 g/t Ag over 5 metres, at the down slope end of the trench. Further drilling to the south and south east of DDH-11-270 is needed to confirm this. A fault that was intersected in all holes but DDH-11-268, does not appear to have any effect on the mineralization, however with only 4 holes, this conclusion could be premature.

Trenching, mapping and soils:

Mapping of the historical trenches confirmed that the Discovery Creek Valley is underlain by aphanitic to fine grained, weakly to moderately, magnetic basaltic to andesitic flows and fragmental flow breccias that have been intruded by felsic porphyritic (granodioritic and feldspar porphyry) dykes, and quartz +/- carbonate veins with varying amounts of sulphides. The basalts have been locally phyllic, argillic and weakly propylitically altered around veins and intrusions which have created large alteration halos. The amount of bleaching around the intrusions and veins is generally large compared to the size of the observed feature. The dykes and veins are both strongly sheared and as a result are easily weathered and broken and make identification of the rock difficult. The northeast part of the valley is underlain by medium grained altered granodiorite. The granodiorite and feldspar porphyries are moderately to strongly argillically altered locally silicified and contain up to 10% disseminated pyrite. Arsenopyrite, sphalerite and lesser galena are also observed in quartz stringers and veins throughout the area.

The mineralization is dominated by finely disseminated and euhedral pyrite, arsenopyrite and minor stibnite, chalcopyrite, sphalerite and galena. The presence of pyrite in two forms suggests that there were a minimum of two events of mineralization. Blebby pyrite is often seen within envelopes around quartz stringers with chlorite and silica. The stringers contain minor pyrite with variable amounts of quartz. The other sulphides, arsenopyrite, galena and trace sphalerite, are found disseminated in veins.

The alteration varies from mafic-rich propylitic alteration, silicic and pyrite phyllic and bleached argillic assemblages. The granodiorite and porphyry intrusions are host to the majority of the alteration and

mineralization in the area. Where the porphyries intrude the basalts, the alteration is observed to extend for several metres into the host. There is no preferential orientation to the structure within the granodiorite, however the unit itself appears to be oriented NW/SE.

Au and Ag mineralization is contained in shear zones adjacent or proximal to mineralized porphyry intrusive rocks. A complex intrusive history and a sustained period of multiple mineralizing events have created a structural setting that is conducive for the occurrence of gold and silver mineralization in fault zones and at fault intersections that present worthy targets for additional exploration. Evidence exists that defines a possible porphyry Cu-Mo-Au mineral occurrence of unknown quality (Anomaly A and B). The strongest soils anomalies discovered to date overlie the porphyry in the northern part of the property. This also coincides with a magnetic low, which could be the result of strong clay porphyry style alteration.

The best Pb and Ag values in soils are located in the Cu-Mo area (Anomaly A). The sample contains 4783.7 ppm Pb, 23.6 ppm Ag, 859 Zn and 1377.5 ppb Au. The best gold in soil value is located in the Cu-Mo South Porphyry area. It contains 2307 ppb Au, 178.9 ppm Cu, and 185.6 Pb. This is located in Anomaly B. These two anomalies also have geophysical signatures that make them strong targets for further exploration. The gold in soil trends are mostly to the NW which is congruent with the main mineralizing structures. In the northern part of the property the trend becomes more EW and less clear most likely due to the porphyry.

Anomaly C is located near the Old Timers showing north of Discovery Creek Valley. The two high Au and Ag hand samples were from this area and were hosted in a sericitized intrusive and altered basalt. The bleached basalt which ran 0.20 g/t Au and 6.90 g/t Ag and the other, also an altered basalt, that returned 0.34 g/t Au and 0.20 g/t Ag. This anomaly straddles the border between the Charlotte and Discovery Creek claim blocks.

Anomaly D consists of the highest Ag values from two samples and is located immediately west of Eliza Creek and east of Willow Creek in areas of previous workings. This area also straddles the border between the Charlotte and Discovery Creek claim blocks. Both samples are anomalous as there are few other high values in the immediate area. The highest Zn and Pb soil values are from the same sample (and its duplicate) that contained the highest silver value in the area, immediately west of Eliza Creek. There is a Pb-Zn rock anomaly that runs from the OK Zone, along a NW-SE trend through Willow Creek to Eliza Creek Extension. The section along Willow Creek, immediately west of the Charlotte claims has been extensively explored in the past, including trenches and RC holes and confirms that some mineralization exists. Results from this area are presented in the Discovery 2011 Assessment Report (Struyk and Dadson, 2011).

In the OK Zone, moderate to high Au and Ag results were intersected in most of the trenches. While the drilling did not intersect similar results, there could be several reasons for this. Perhaps the supergene effect is more near surface than thought and the results in the trenches reflect this. It is the author's thought that since the mineralization increases to the SE in this area, that more exploration to the

effect is more near surface than thought and the results in the trenches reflect this. It is the author's thought that since the mineralization increases to the SE in this area, that more exploration to the southeast and east is warranted. Trench SST-TR10-04 had the best results from the trenching program: 0.97 g/t Au and 9.90 g/t Ag over 5 metres, at the down slope end of the trench. Since there is a strong soil anomaly further down slope from this area, the soil anomaly could be reflective of veins at surface on that side of the hill and trench SST-TR10-04. It could be that the veins in the OK Zone are dipping to the east as seen in the Huestis zone, rather than to the SW as in the Webber and the Flex, then the veins may outcrop somewhere along that hillside.

Below SST-TR-10-04 is a large multi-element soil anomaly. In addition, Back Creek is a historical placer operation. Anomaly E is located on the other side of the Back Valley and either or both targets could prove prosperous.

In 1986, ground VLF-EM16 showed that the clay alteration in the hanging and footwalls of the BMD zone were conductive and traced the conductors 1000 metres north and 200 metres south, however the intensity of the conductors did not seem to be related to the assay results. The ground magnetics did not show to be an effective tool for exploration in this area as the contrasts between veins and the wall rocks was low (Eaton, 1986). The VLF and EM surveys were also conducted over the Huestis, Flex and Webber Zones and showed a series of north to northeast trending structures, although the actual data has not been found. These structures were attributed to lithology contrasts or variations rather than hydrothermal alteration, which trends northwest (Eaton, 1986).

From the areal magnetics, it can be seen that the WFH zones do not overlie a magnetic high or low in either the total field or the first derivative. In fact from the airborne and regional geophysics, it seems that the Webber, Flex and Huestis are generally geophysically non-responsive. The radiometrics (Uranium (U), Potassium (K), and Thorium (Th)) have proven to be useful in characterizing the property (Figures 34 to 39). Potassium has a high below the WFH, BMD and the Klaza areas, in addition to the known Cu-Mo porphyry at the northern end of the deposit. Since epithermal deposits have a magmatic origin, this characteristic shows that there is a remnant signature of the magma/fluids and possibly, the source of the deposits is still present at depth. Using this signature, additional targets can be found in the eastern portion of the claim block (Anomaly E). This is similar to U, however BMD has a weaker response than the other areas.

Th has slightly elevated values over the entire property, although concentrated under the Cu-Mo porphyry, and to a lesser extent, Anomaly E. Although thorium can be a bit suspect as most of the highs are under geographic peaks, and due to rock mass and proximity to the sensor, could give a false high. Th has a weak trend to the NE, which could indicate a possible thorium high related to the NE mineralization, but it isn't entirely mimicked in drill core. Also observed is that all four deposits have a U-K low and interestingly, so does the Cu-Mo porphyry in the north. A similar interpretation can be made as in the K.

There is no actual signature in magnetics or EM that is common to all four deposits. However, Figures 31 to 33 shows the trends determined from the 2008 magnetic and EM survey (in red) and topography (in green). The majority of the known deposits or mineral showings occur in the rhombohedron that is created by the northern and northwestern features. The NW features have a similar orientation to one of the known mineralized structures (150°) as determined by Hart and Langdon (1997). We hypothesize that where these rhombohedrons are formed, creates a dilatentcy where mineralizing fluids can travel and precipitate out (Figure 40). A Riedel fracture system creates an obloide (2009 Roundup short course), which also supports the model that the 4 main vein deposits in the area are a series of Riedel shears. If this holds true, not only does it add a degree of structural complexity, but could create additional veins that have yet to be discovered in each of the rhombohedrons. The northeastern faults appear to cross cut the mineralizing structures, which is congruent with the known fact that the structures at 020° are post mineralization (ie, Webber Creek Fault, Rusk Creek Fault).

A list of the anomalies determined from 2011 field work:

Anomaly A (Porphyry East)

- Mo-Cu +/- Pb soil highs located in the Porphyry area of known mineralization
- Weak increase in other elements
- EM high

Anomaly B (Porphyry West – Rusk Creek Fault)

- Cu, Au, and Ag soil highs, weak increase in Mo
- EM high

Anomaly C (Tit Mountain)

- Au, Ag, and Pb soil highs, weak to moderate Mo and Zn highs
- Magnetic high, moderate first derivative magnetic high
- Previously worked

Anomaly D (Eliza Creek)

- Ag, Au, Cu, Mo, Pb, Zn soil highs
- First derivative magnetic high
- Not associated with known structures
- Associated with known Qtz-Feldspar intrusions
- Previously explored by no less than: 1488 metres in 17 trenches and 3 DDH and 18 Reverse Circulation holes

Anomaly E (East)

- Ag, Au, Mo, Pb soil highs
- Magnetic First derivative and total field high
- Potassium and thorium radiometric highs
- U-K low
- Not associated with known structures
- Associated with known Qtz-Feldspar intrusions

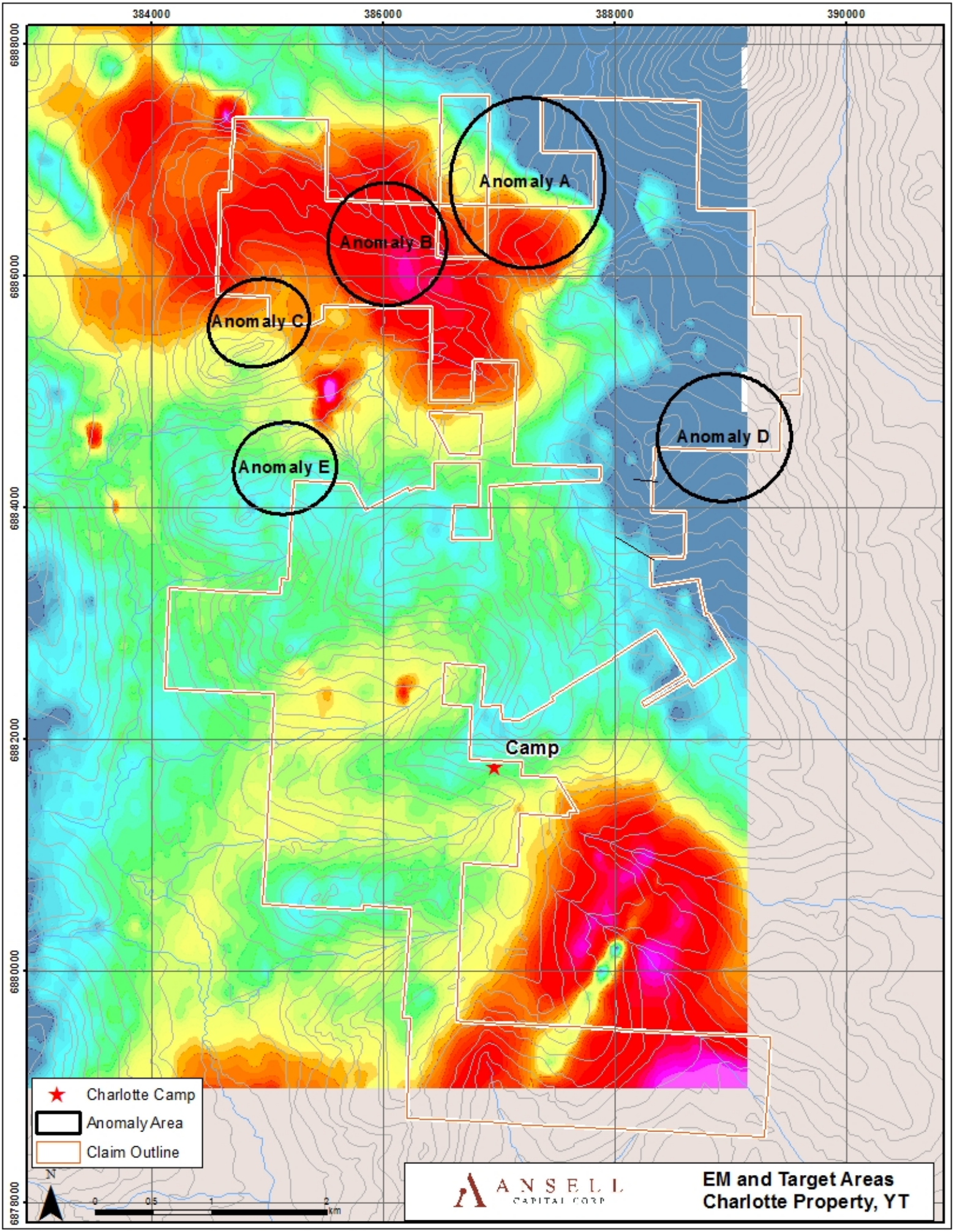


Figure 31: Target areas with EM

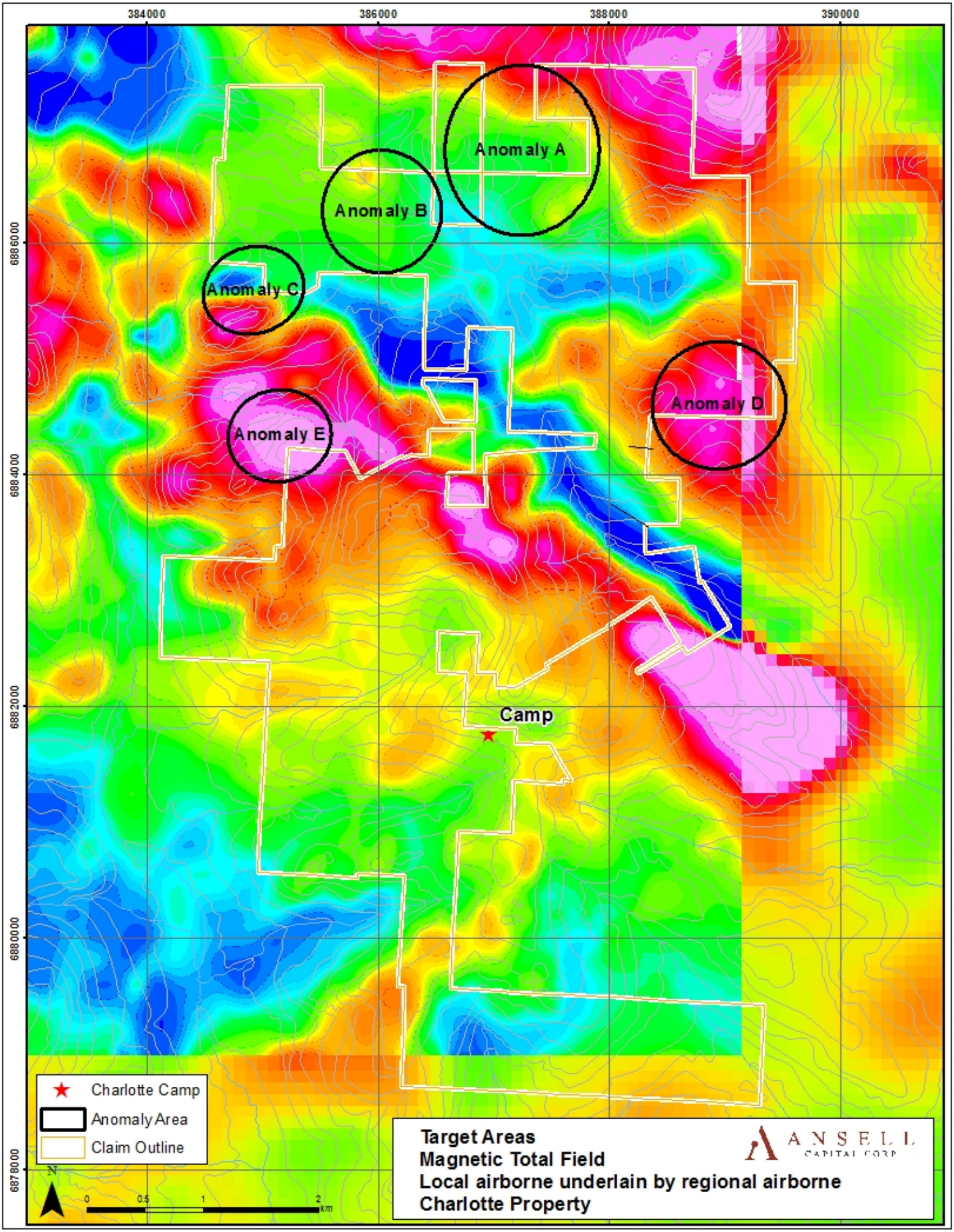


Figure 32: Target areas with Magnetic Total Field

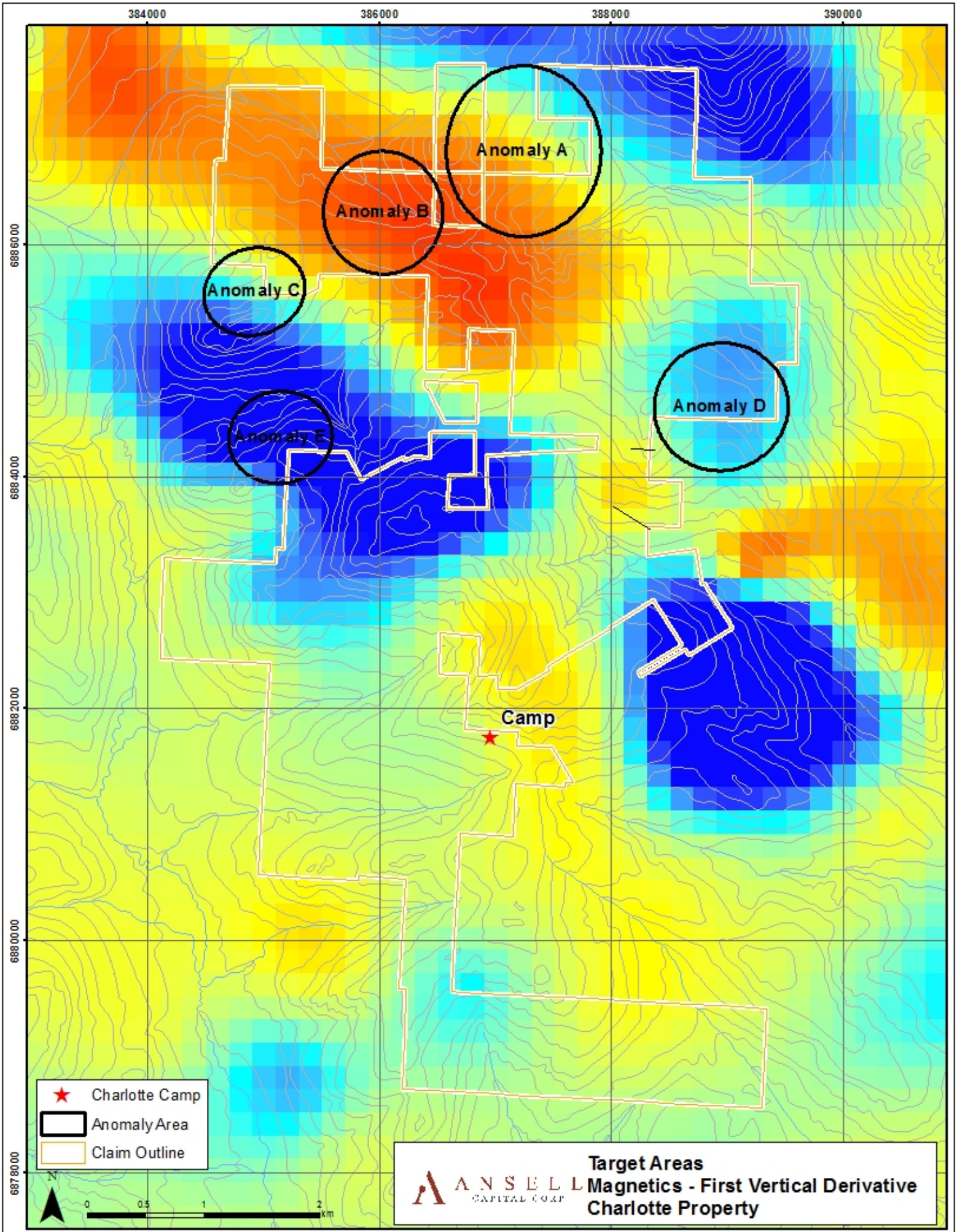


Figure 33: Target areas with First Derivative Magnetics

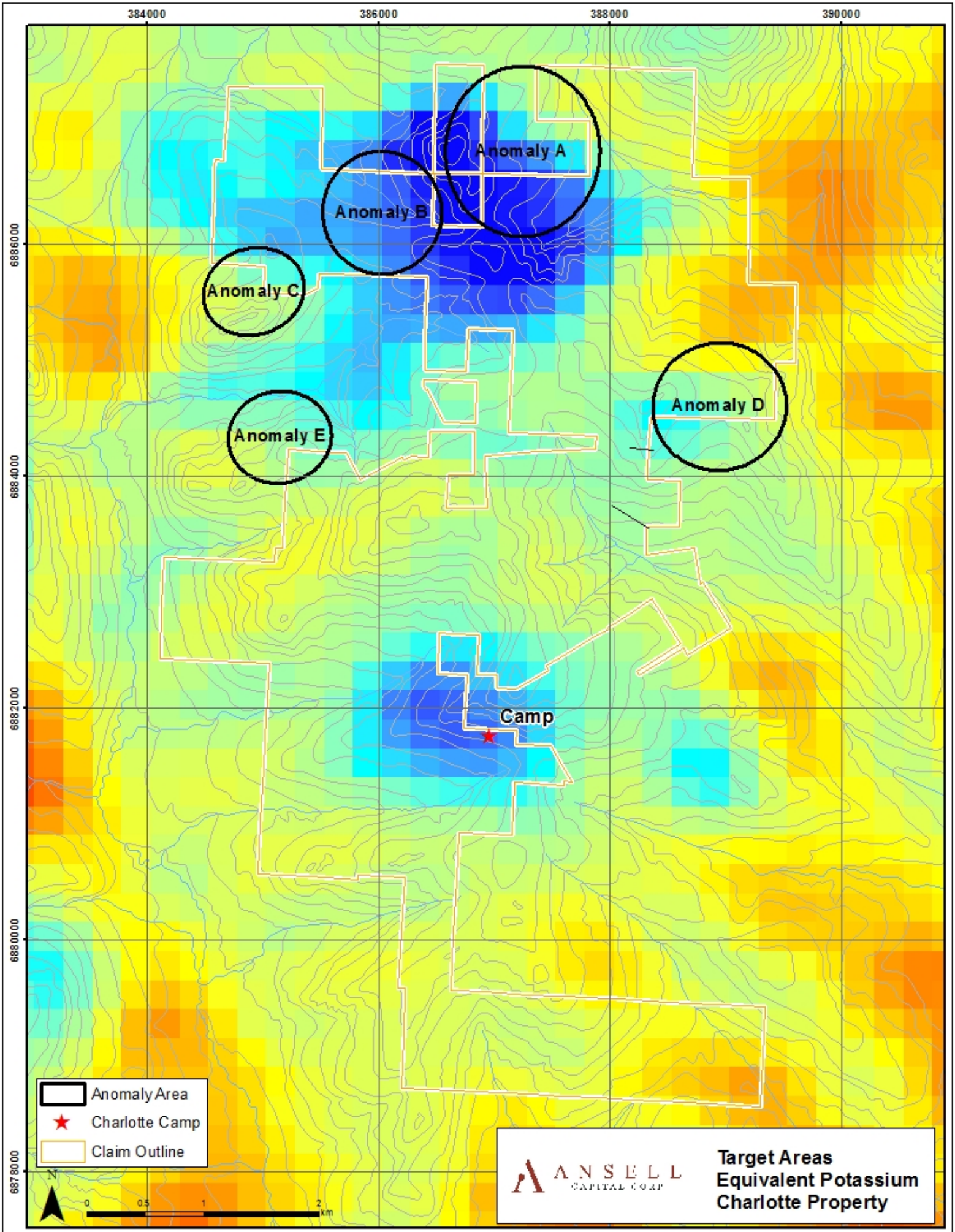


Figure 34: Target areas with Potassium

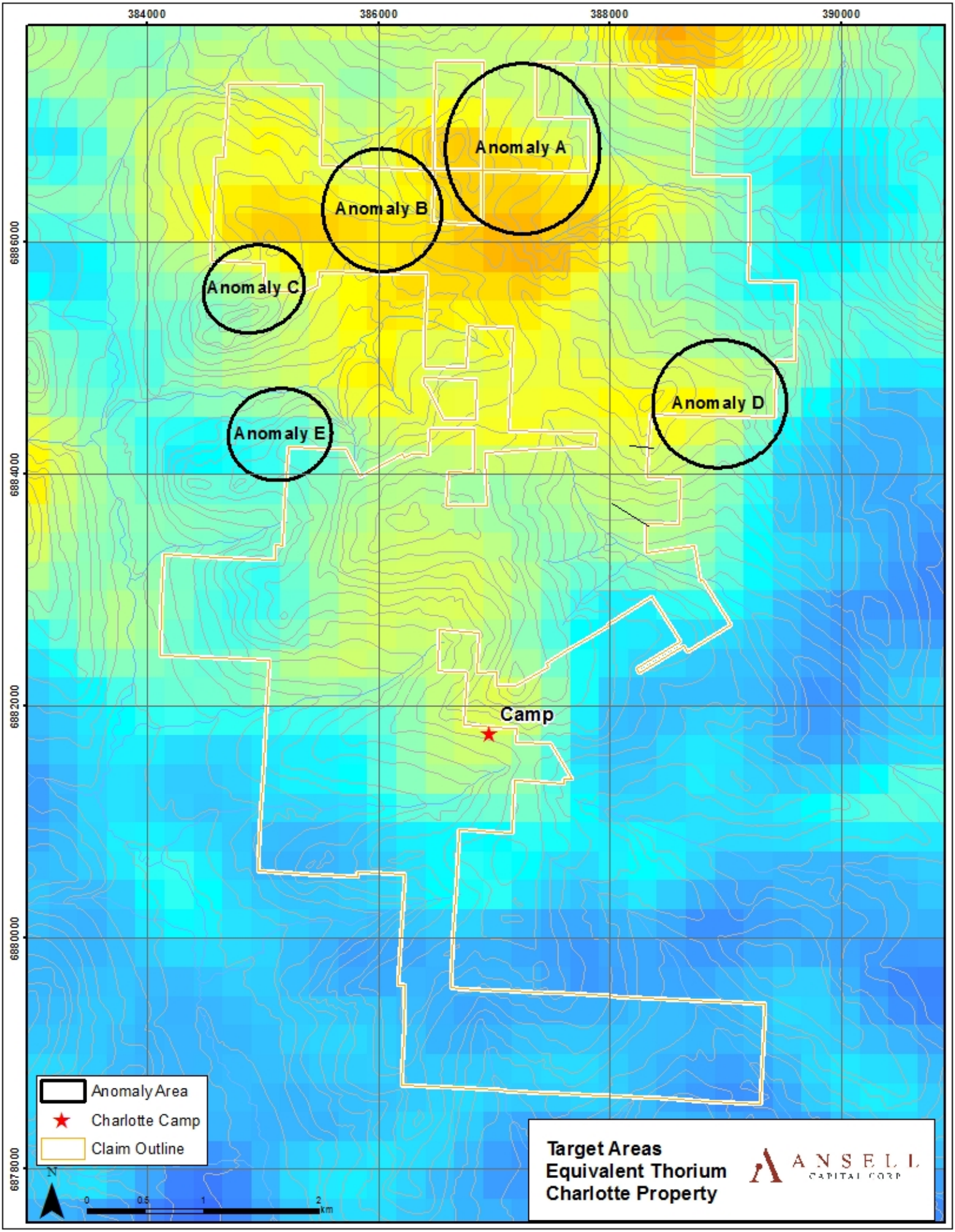


Figure 35: Target areas with Thorium

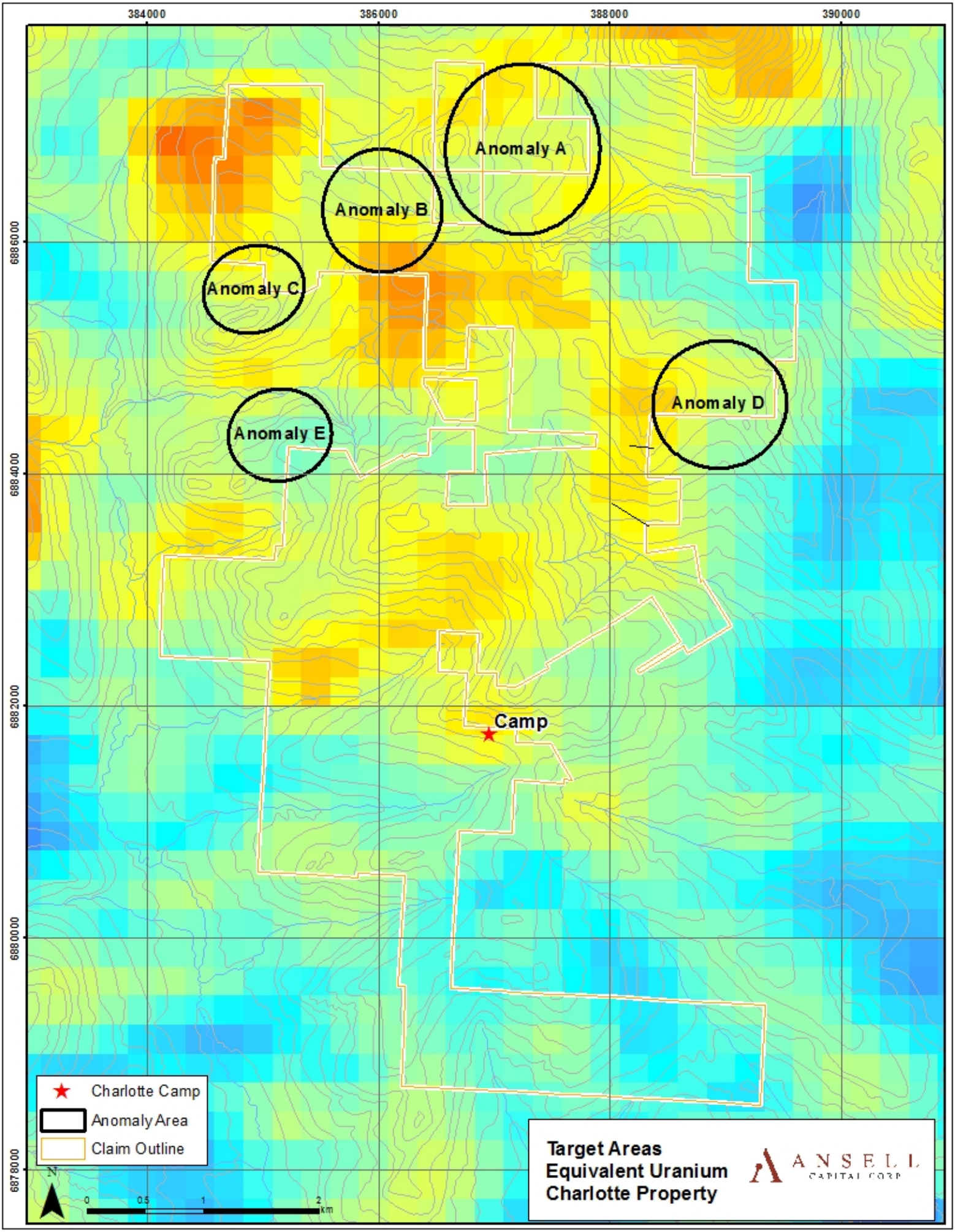


Figure 36: Target areas with Uranium

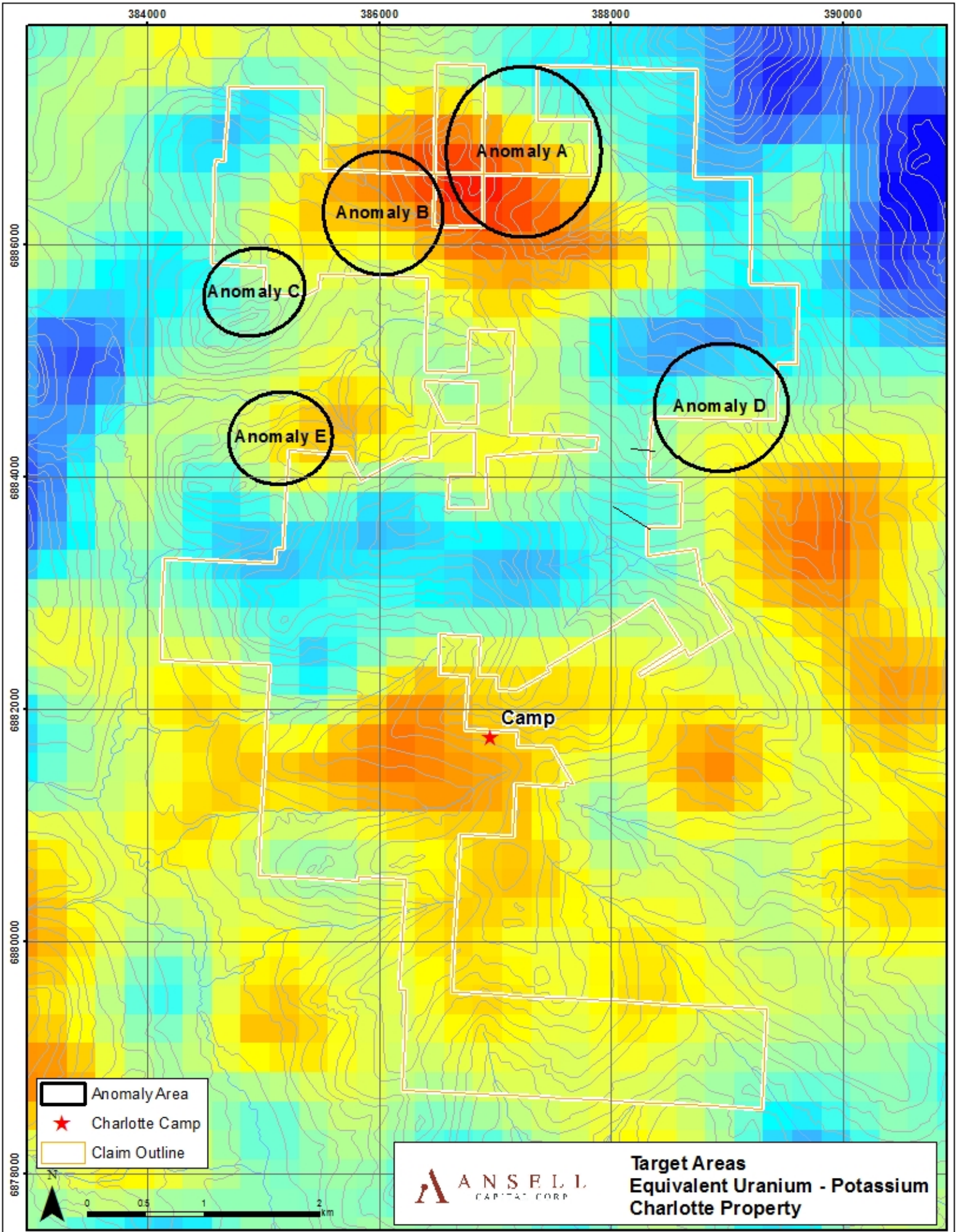


Figure 37: Target areas with Uranium and Potassium

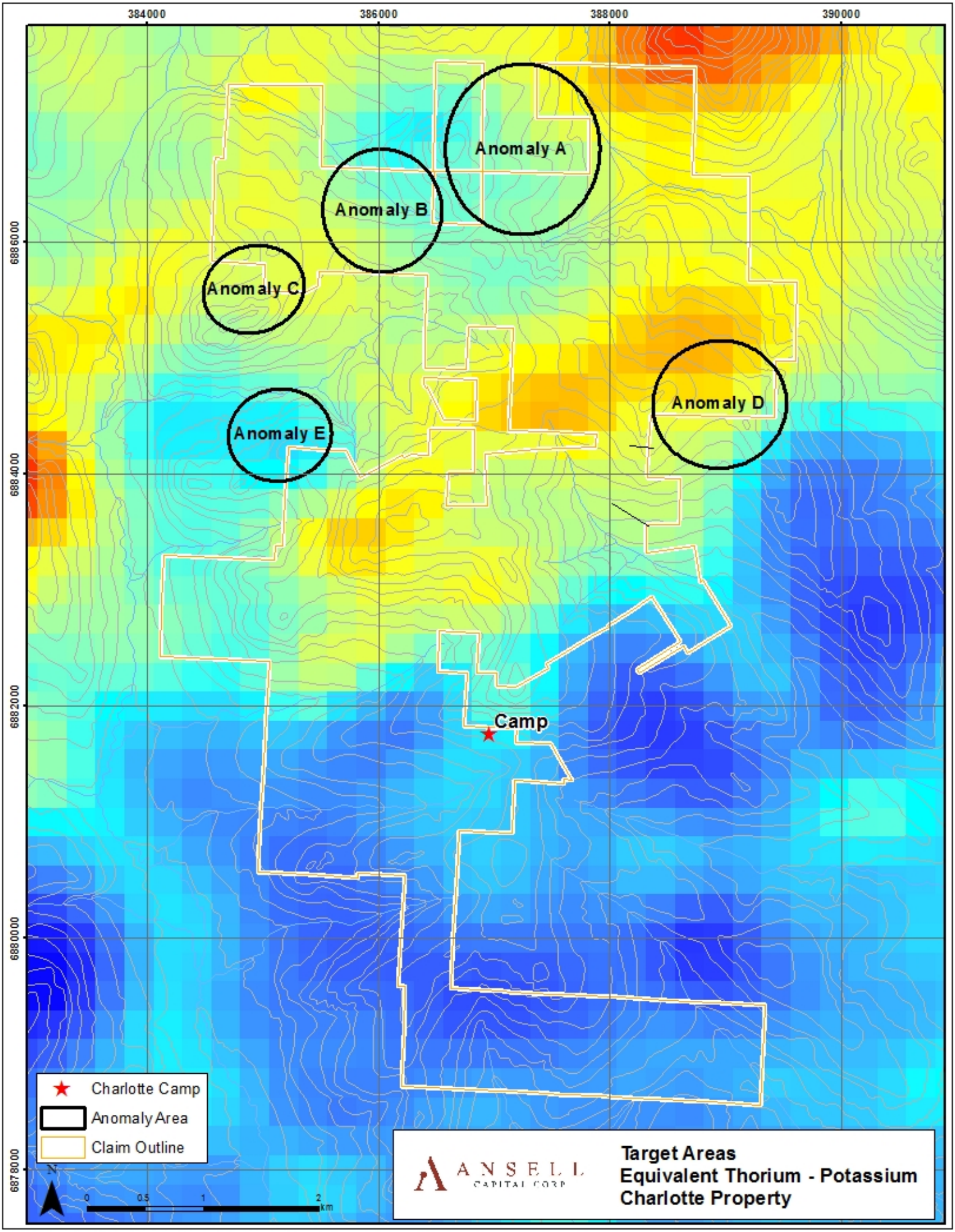


Figure 38: Target areas with Thorium and Potassium

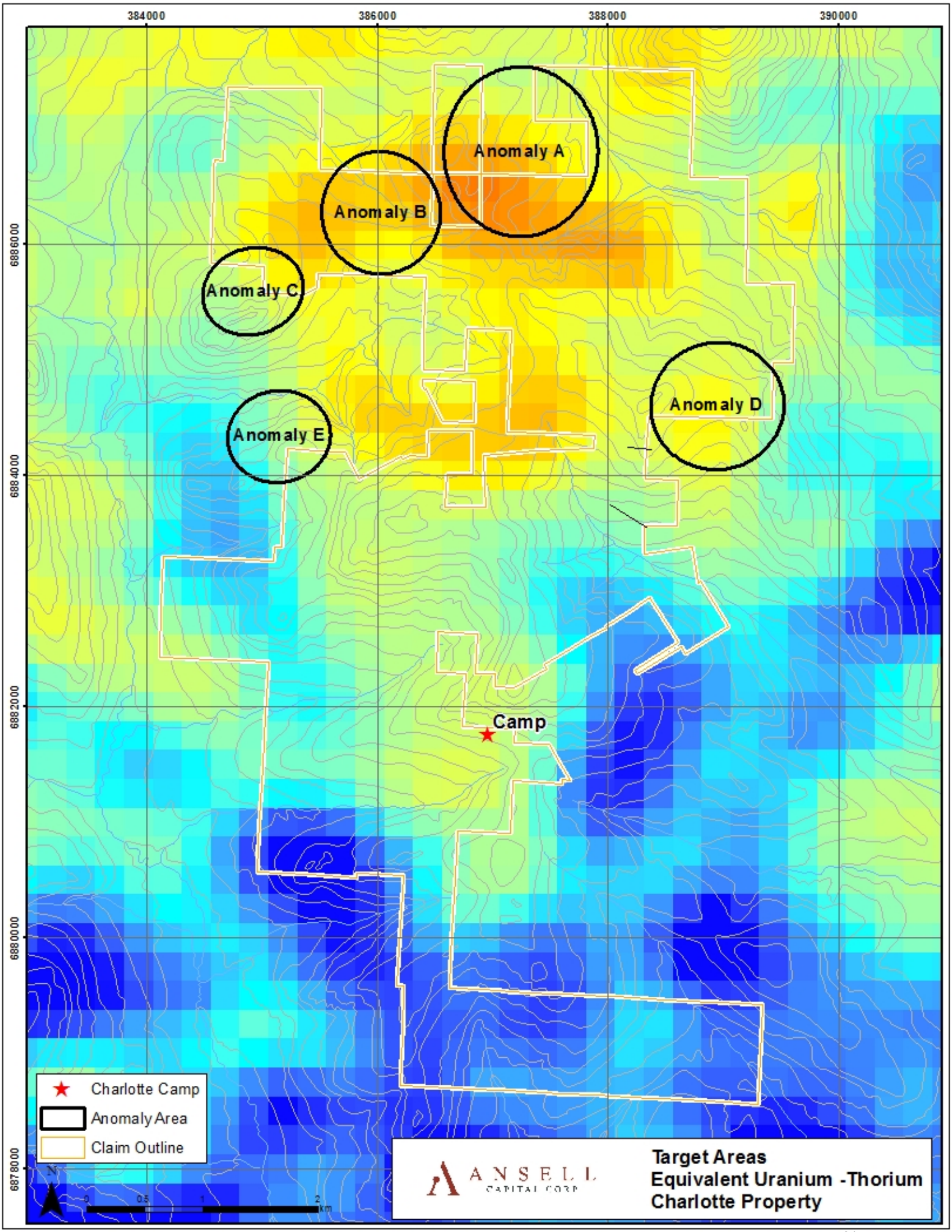


Figure 39: Target areas and Uranium and Thorium

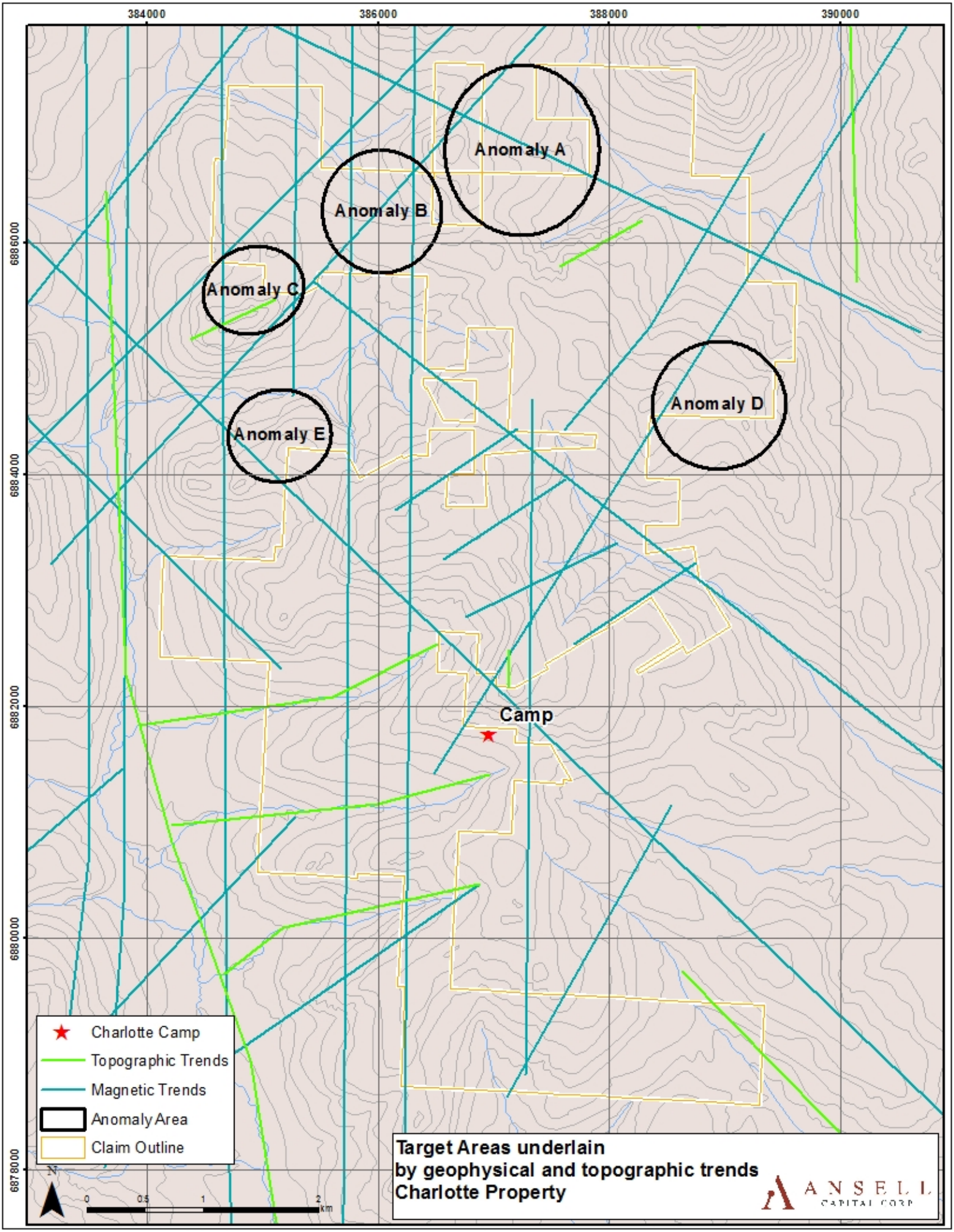


Figure 40: Target areas with Geophysical and Topographic trends

Conclusions from the 2011 field program

1. Drilling and assaying show that the Flex Zone mineralizing system to be of low sulphidation epithermal style based on the alteration of sericite, silica and minor chlorite, presence of sphalerite, galena and high silver grades, moderate Zn and Pb grades and low copper grades.
2. There are 3 mineralized subzones or pods in the Flex Zone trending in a NW-SE direction and dipping steeply to the SW. Each zone contains 3-5 individual braided veins that are strongly structurally controlled and are comprised of pyrite and arsenopyrite, with variable amounts of sphalerite and galena.
3. No visible gold.
4. A repetitive nature to the rock, particularly in the southern part of the deposit in addition to drilling parallel to foliation in localized intervals indicates a possible fold, most notably in the southern part of the deposit.
5. There appears to be two episodes of veining, similarly to what is discovered in the Discovery Creek area and hypothesized in the Flex Zone (Langdon, 1988). This is shown by several gold only veins or Ag + low Zn and Pb veins. Gold is not always present with Ag.
6. Drilling in the Orloff-King Zone intersected several short intervals of low to medium grade Au and Ag mineralization with variable low grade Pb and Zn. Drilling confirmed the zone has a length of approximately 400 metres.
7. The collapsed cauldera model put forth by Hawkeye Gold and Diamond Inc has merit and the Flex and other zones are indicative of just such a system. Further work is required to outline potential new targets.
8. Trenching in the OK and Dickson Zones had the best results from the 2011 program and indicates that silver mineralization extends to the East in the Back Creek area.
9. Trenching results in the GRW Zone indicate an increase in mineralization to the NW towards the known Cu-Mo-Au Porphyry
10. Re-mapping of a trench in the Eliza Creek Extension confirmed shear and vein hosted mineralization.
11. The soil sampling survey of 2011 has accentuated the historical data and contouring has defined numerous trends some of which coincide with the known mineralized zones.
12. Five (5) new anomalies were discovered based on the 2011 regional field program and are presented in the Interpretation section. Work included the compilation of historical and new soils, geological mapping, public and proprietary geophysical data.
13. Gold in soil in the northern porphyry area correlates with Ag, Cu and Mo.
14. Ag and Au in soil do not correlate throughout the entire property; however they generally correlated in the porphyry target.
15. Cu and Mo in soils are generally weak throughout the property with the exception of the porphyry area in the north.
16. Summit Creek is an unique structure in that it underlies significant lows in most soil anomalies in the area trending in a NW direction.

17. The intersection of the Rusk Creek Fault and the East Fork Creek Fault marks a multi-element anomaly and should be followed up on.
18. There appears to be a high grade effect of gold in soil on the property.
19. There is a strong structure control to the mineralization in the area.

Recommendations

1. There is significant data that has been obtained from private and historical sources that should be compiled into a complete database. Based on the interpretation, drilling should be extended to test the southern extension of the Flex Deposit. Several long deep holes should be drilled to test the relationship between the Webber, Huestis and Flex Zones. The green marks a deletion of a space between words only.

2. The historical work on the Webber Zone shows that there is potential to expand this deposit. Several drill holes should be collared on this deposit.

3. Expand drilling to the SE in the Orloff-King zone to connect the SST-TR10-04 with the current trend in mineralization.

4. A detailed structural investigation into the regional deposits and structural history should be undertaken. The thought that there could be a repetitive sequence present would indicate the possibility of doubling the Flex Zone resource if this proves to be true. In addition, the reidel shear system is complex and a better understanding could lead to further discoveries.

5. The collapsed caldera system theory put forth by HawkEye Gold and Diamond Inc. has merit. Further work is required, particularly on both regional and local structural history.

6. To the author's knowledge, there has been no ground IP surveys conducted over the Flex, Webber and Huestis Zones. It is recommended that several IP lines should be completed in order to determine a better understanding of the deposit.

7. Trench the Cyprus Cu-Mo, Eliza Creek Extension and GRW deposits (Anomalies A, D, and E)

8. Drill the Cu-Mo-Au porphyry.

9. Geochemical study and characterization of the mineralizing zones and veins would be an aid in understanding the complex mineralizing history of the area. A better understanding could lead to undercover new mineralization on the property.

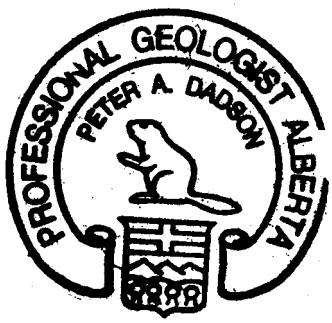
Expenditures

The claimed expenditures on the Charlotte Property during the 2011 field season were $1,522,682.73 derived from monies spent on drilling, trenching, reconnaissance geological mapping, geochemical soil and hard rock sampling, and GIS data compilation. The breakdown of the statement of costs can be found in Tables AI-1, and AI -2 in Appendix I, subdivided by program and claim. Based on the Recommendations and Conclusions a program totalling $4,000,000 would be needed (Table 12). This includes 2000 metres in the Flex Zone, and 6000 metres in the OK Zone, Webber Zone and Porphyry Zones, 6000 metres of trenching over soil anomalies in the eastern and northern portions of the property, and IP lines over the WFH area (10km), GRW (5km) and the porphyry targets (10km). The budget also includes a detailed structural study of the property.

Respectfully submitted,

Nicola Struyk B.Sc, GIT

Peter Dadson B.Sc, P.Geol.



2011 PROPOSED BUDGET FOR CHARLOTTE PROPERTY

Description	Activity	Detail		Cost	Notes
Logistics, Prep and Mob					
	Program Plan & Personnel			30,000.00	Preparation & Mtls assembly
	Materials transport to project site & return			25,000.00	supplies, shipping, drive to site
	Camp Setup & teardown			30,000.00	
	Excavator			18,600.00	
			sbtot	85,000.00	
Trenching					
	6000 m of trenching	125 hours * 155/hr+fuel		55,000.00	
	Personnel	1 Geologist + 1 geotech for 100 days		110,000.00	
	Analysis costs	assume 4000smpls @ $45/sample		180,000.00	
			sbtot	345,000.00	
Geology					
	Map Regional Areas	20 day field mapping program		27,000.00	
	Analysis costs and Sampling equipment	assume 200smpls@ $45/smpl		9,000.00	
	Structural study			25,000.00	
			sbtot	61,000.00	
Geophysics					
	IP Lines Flex, Webber, Huestis	10 km @ 2500/km		25,000.00	
	IP Lines GRW	5 km @ 2500/km		12,500.00	
	IP Lines Porphyry	10 km @ 2500/km		25,000.00	
			sbtot	62,500.00	
Drilling					
	Flex Zone drilling	2000m @ $160/m		380,000.00	
	Exploration Drilling - other areas	6000m @ $160/m		1,140,000.00	
	Log & Split core	1 geologist + 1 geotech+ core cutter for 200 days		300,000.00	
	Sample Equipment, Assays			180,000.00	
			sbtot	2,000,000.00	
Personnel and running costs					
	Personnel transport, food and fuel for 200 days			370,000.00	
	Running costs for 200 day camp			450,000.00	
			sbtot	820,000.00	
Analysis & Reports					
	Post Season data analysis, interpretation			50,000.00	
	Project report			40,000.00	
			sbtot	90,000.00	
		Drilling Subtotal		2,000,000.00	
		Other work Subtotal		468,500.00	
		Logistics, Camp, Personnel/reports Subtotal		995,000.00	
		2011 Project Subtotal		3,463,500.00	
		Contingency @ 15%		519,525.00	
				3,983,025.00	

Table 12: Proposed Budget based on 2011 field work

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White, N.C and Hedenquist, J.W, 1995. Epithermal Gold Deposits: Styles, Characteristics and Exploration. SEG Newsletter, Vol 23.

Certificates of Authors

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

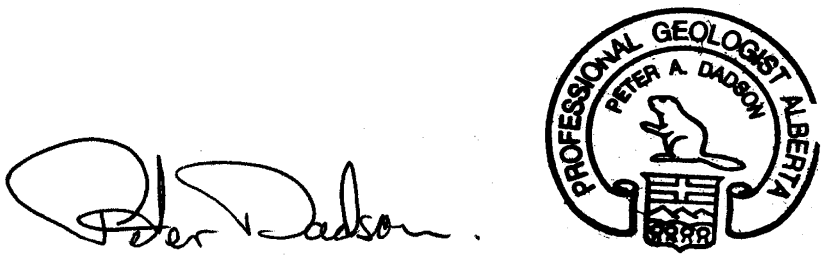
5. I have read the definitions of "Qualified Person" set out in NI 43-101 and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfil the requirements to be a "Qualified Person for the purposes of NI 43-101.

6. I am the co-author for the preparation of the report titled "Assessment Report on the Charlotte Property, Whitehorse Mining District, Yukon Territory" dated May 15, 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.

Nicola M. Struyk
Exploration Geologist
Coast Mountain Geological Limited
620-650 West Georgia Street, Vancouver, BC, V6B 4N9
Ph (604) 681-0209
Email: nstruyk@coastmountaingeo.com

I, Nicola M. Struyk, B.Sc., of Vancouver, BC do hereby certify that:

1. I graduated with a B.Sc. (Honours) degree in Earth and Ocean Sciences and Geography from the University of Victoria in 2005.

2. I have practiced my profession for 6 years. This experience includes primarily precious and base metal exploration in Yukon Territory, British Columbia, Alaska and Sweden.

3. I am the junior author and am, in part, responsible for the preparation of the technical report titled "Assessment Report on the Charlotte Property, Whitehorse Mining District, Yukon Territory", and dated May 15, 2012 (the "Assessment Report") relating to the Charlotte Property. I was the onsite Project Manager for the duration of the project from May to August 2011.

4. I am currently under the employ of Coast Mountain Geological Ltd.

Dated at Vancouver, BC

Respectfully submitted,



Nicola M. Struyk, B.Sc., GIT

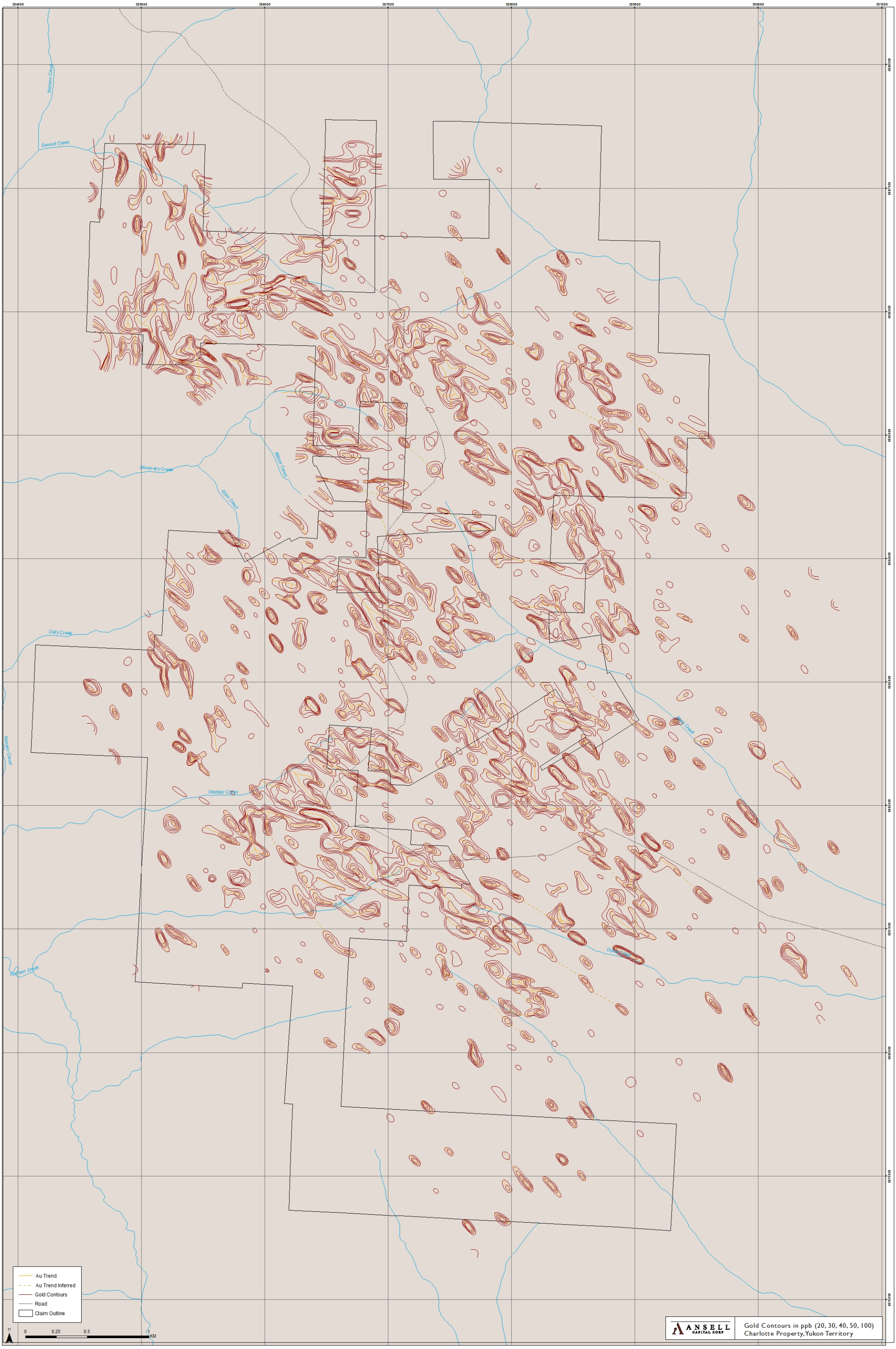


Figure 21: Gold in Soils

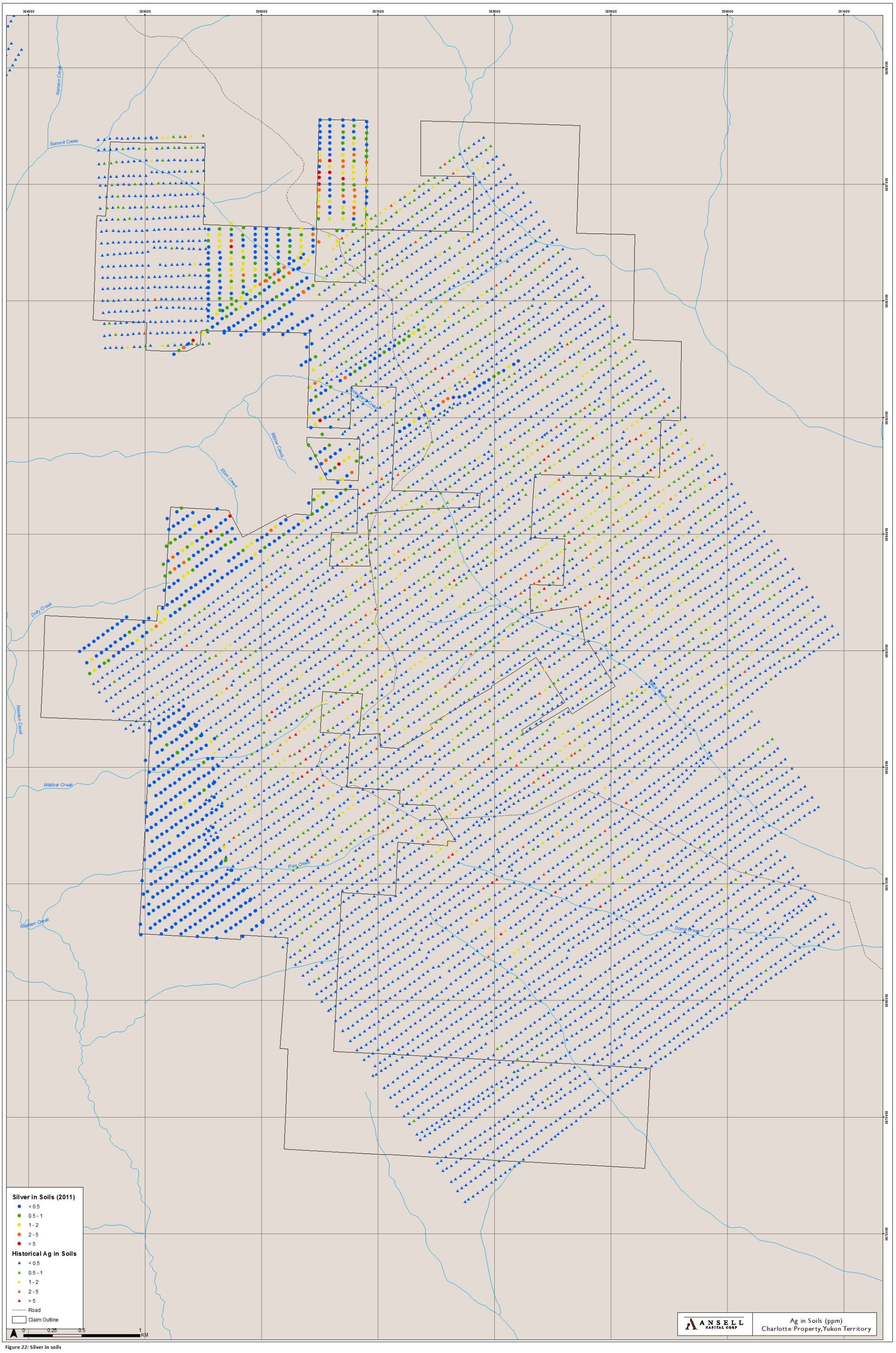


Figure 22: Silver in soils

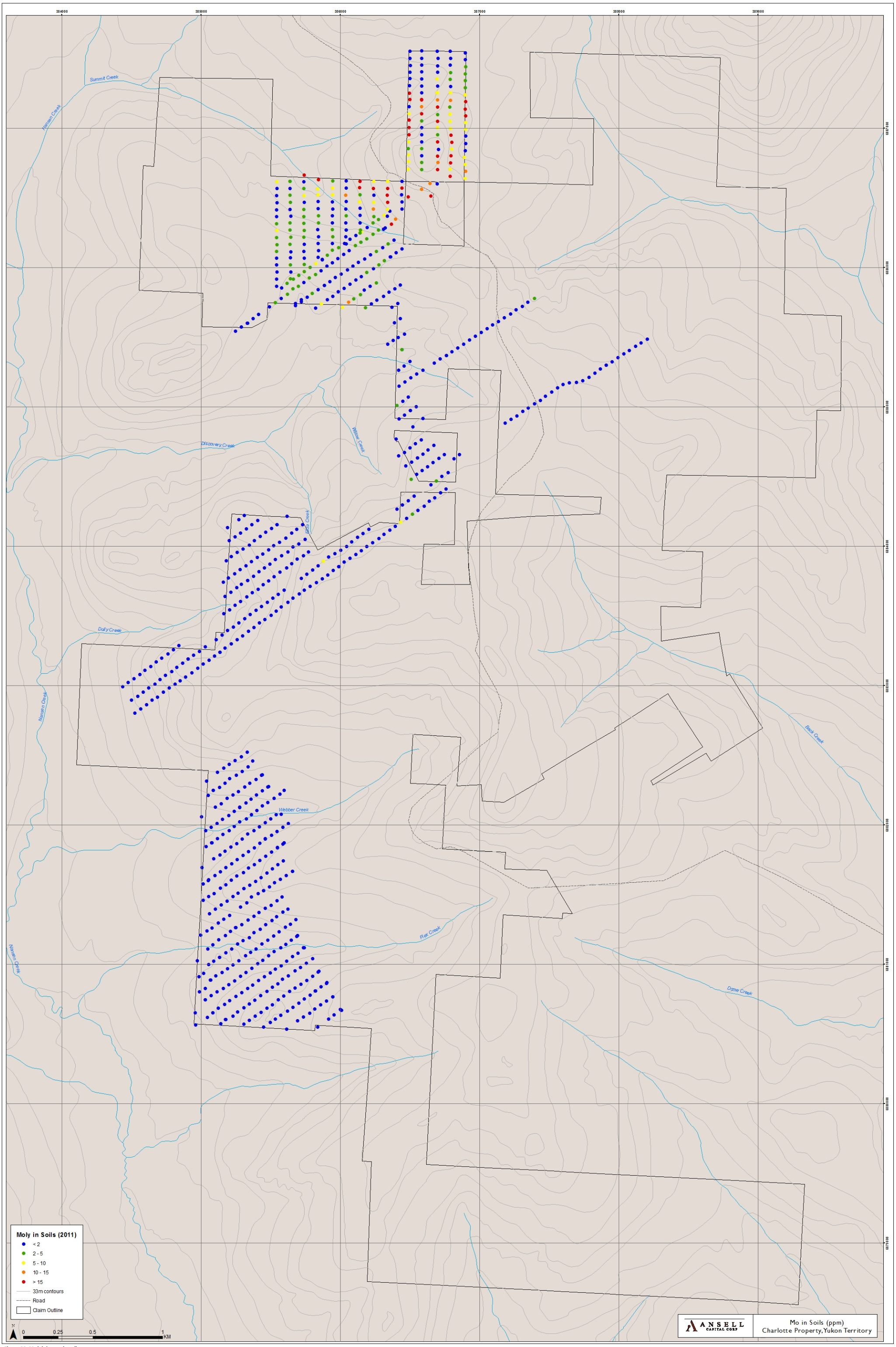


Figure 23: Molybdenum in soils

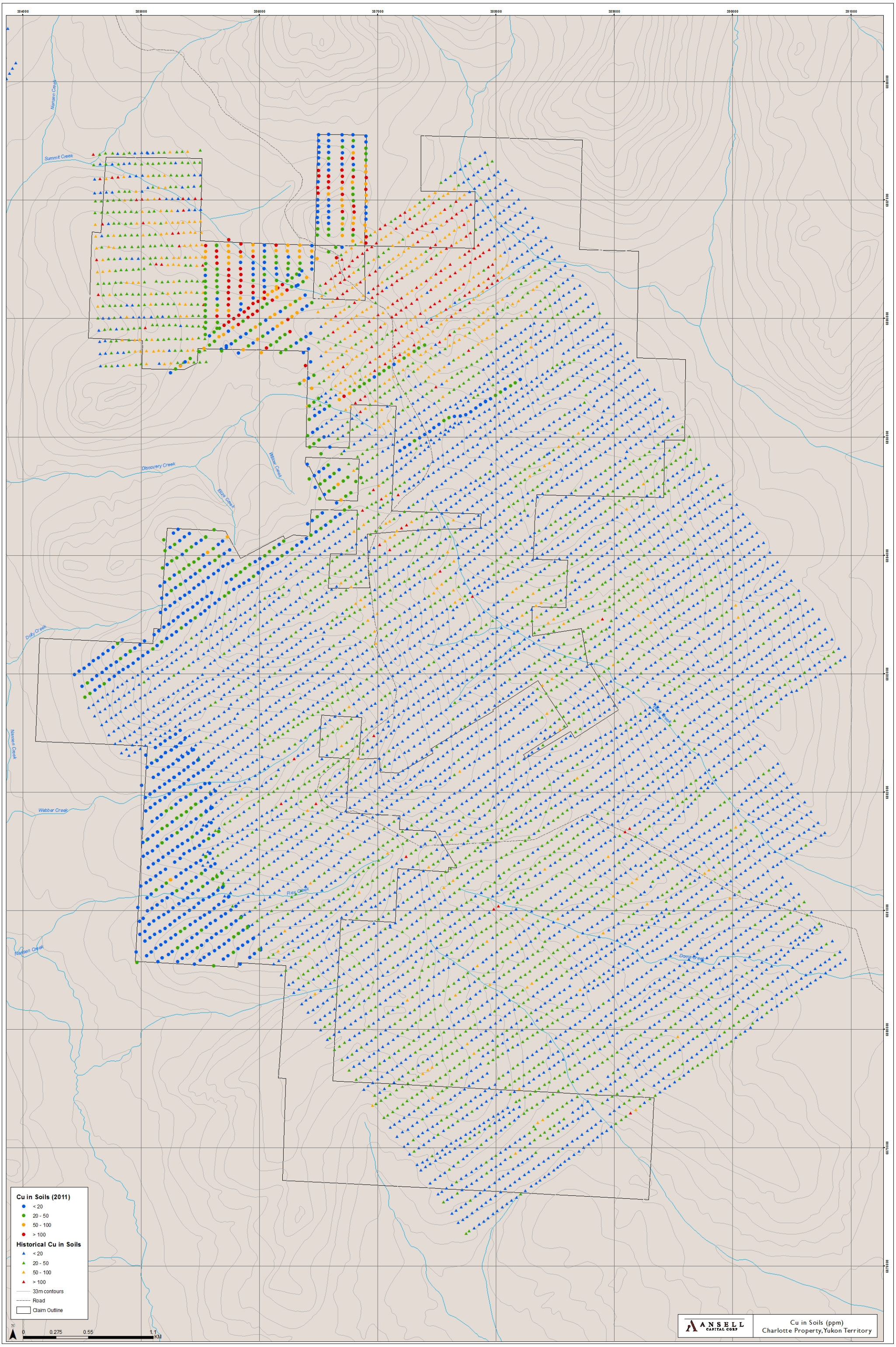


Figure 24: Copper in soils

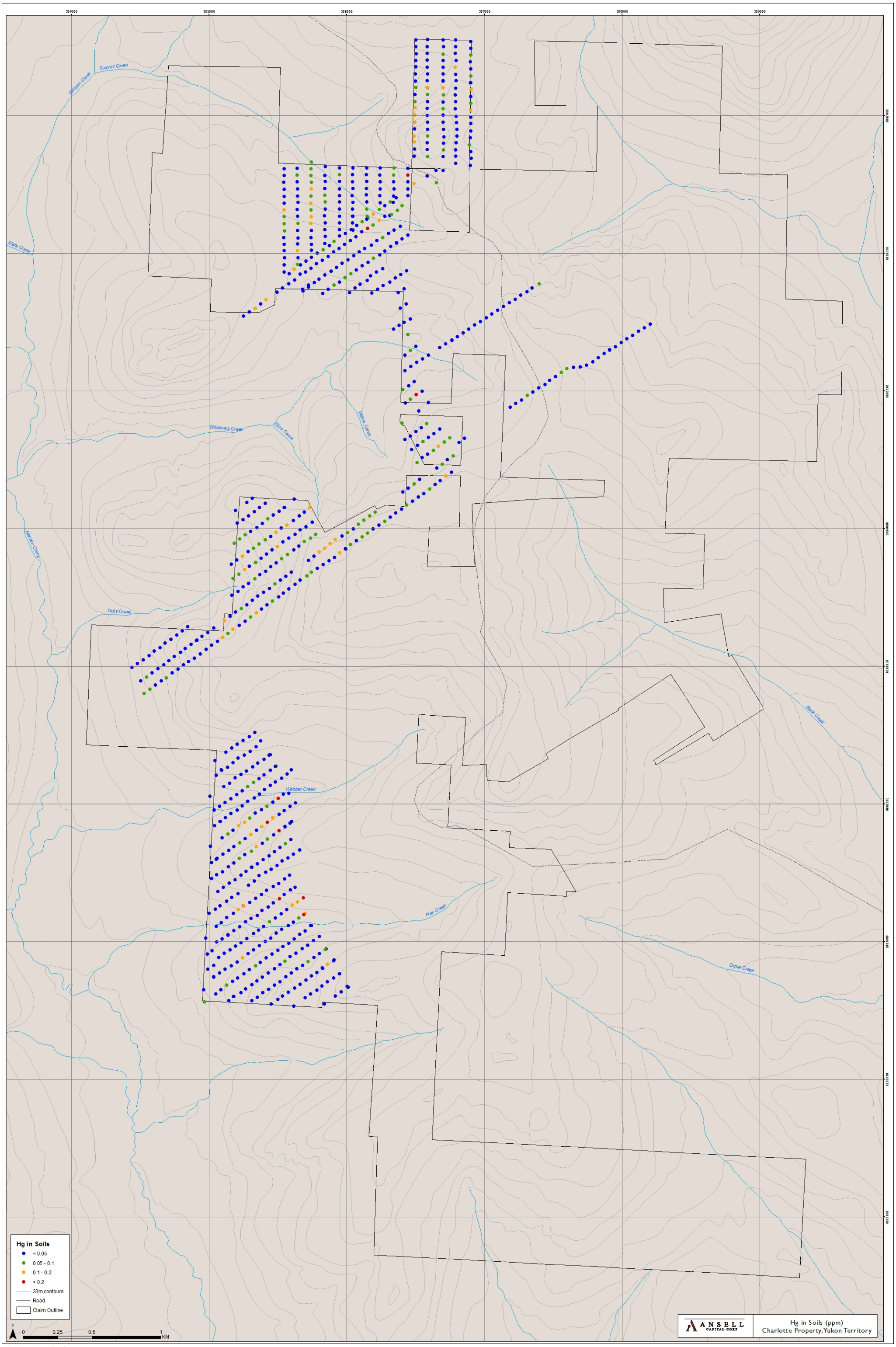


Figure 25: Mercury in soils

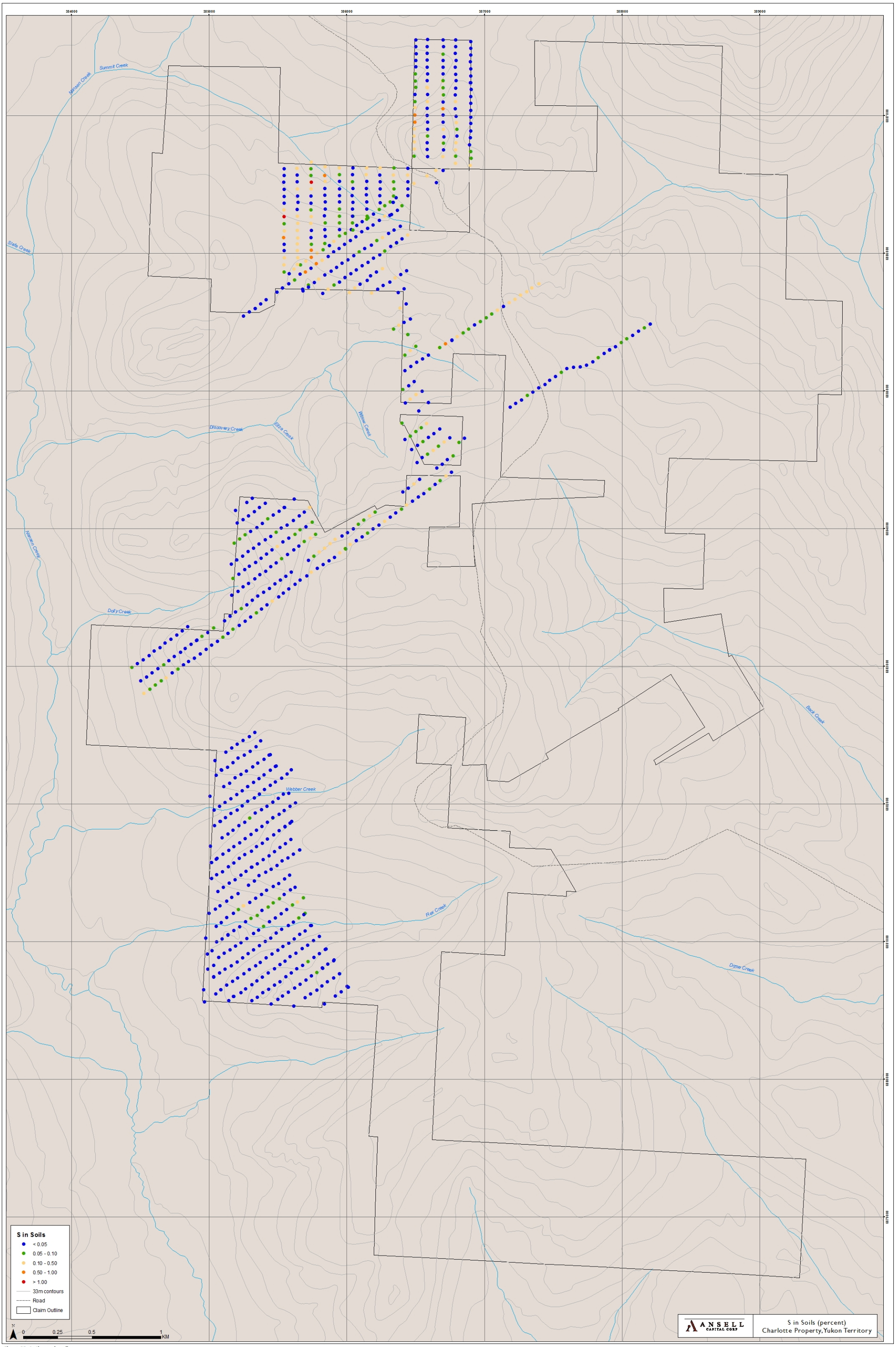


Figure 28: Antimony in soils

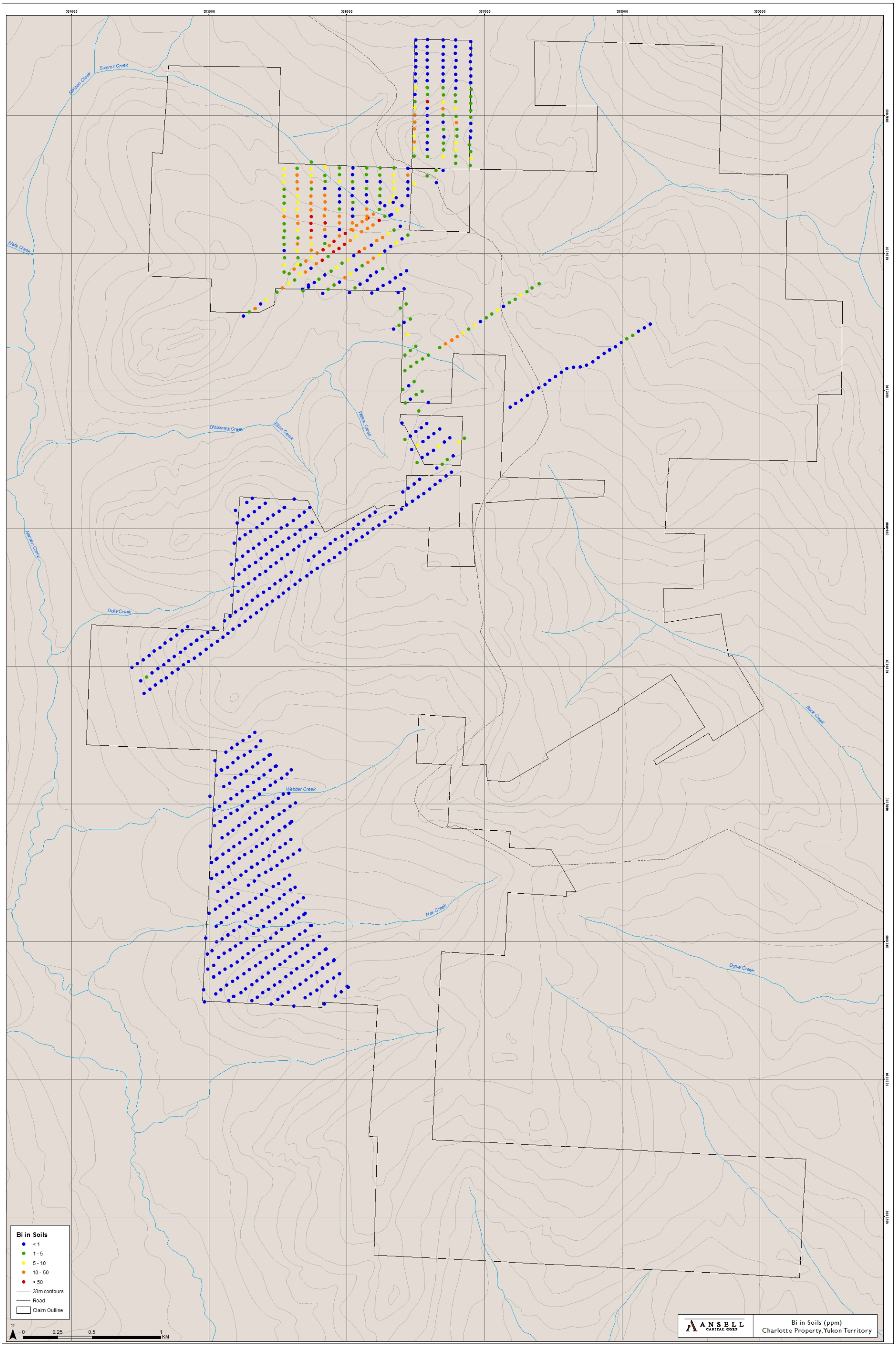


Figure 27: Bismuth in soils

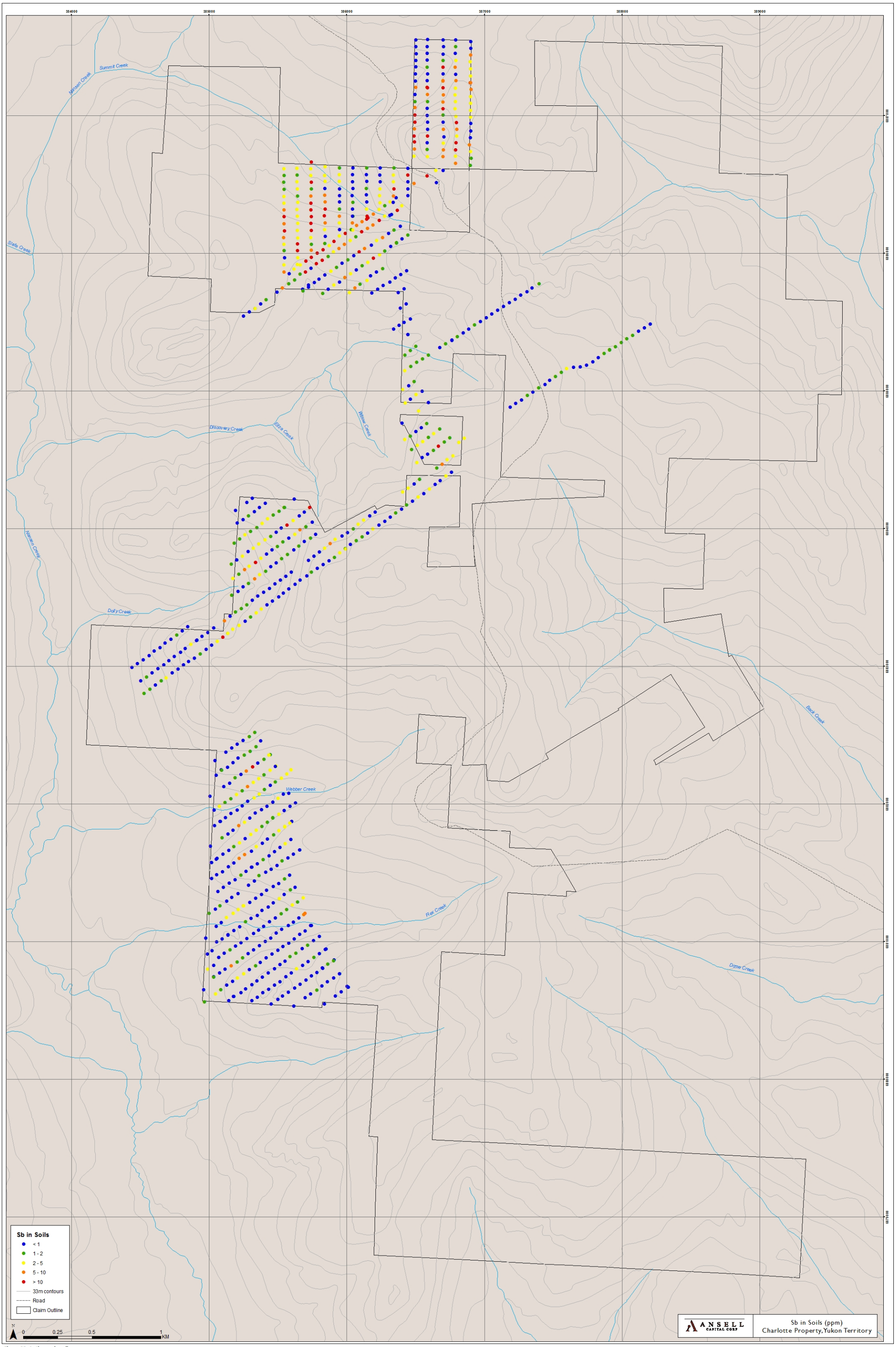


Figure 28: Antimony in soils

Appendix I

Statement of Costs

LIST OF EXPENDITURES*		
Categories	Cost	Totals
Mobilization/Demobilization		$40,510.28
Personnel	$2,240.00	
Container Mob	$1,875.00	
Vehicle Rental	$375.00	
Supplies for Mob/Demob	$21,221.73	
Travel	$12,867.57	
Accommodation	$1,930.98	
Vehicles and Expenses		$30,083.00
CMG Truck Rental	$10,050.00	
Emergency Transport Vehicle	$11,725.00	
Flat Bed trailer	$1,608.00	
ATV rental	$6,700.00	
Camp Operations		$328,749.55
Camp Running Costs	$73,164.00	
Food	$25,011.58	
Fuel	$54,002.55	
Container rental	$1,500.00	
Expediter	$17,897.00	
Supplies	$33,379.42	
Communication	$900.00	
Field Gear rental	$122,895.00	
Geology		$1,057,481.30
Personnel	$309,907.00	
Soil Geochemical Assays	$17,794.00	
Trenching and Assays	$21,458.00	
Drilling and Assays	$682,998.30	
Hard Rock Assays	$924.00	
Reclamation	$24,400.00	
Office Studies		$78,820.05
Planning and Prep	$32,820.00	
Data compilation and digitizing	$40,000.05	
Assessment Report	$6,000.00	
PROJECT TOTAL		$1,552,682.73
*Note that the demob of the supplies were covered by Great Bear, to which all gear and supplies were transferred upon the completion of the Discovery Creek (DC)/Charlotte projects		

Table A1-1: List of Expenditures

Grant Number	Claim Name	Lease Number	2011 Drilling	2011 Trenching	2011 Recon Work	2011 Soil Sampling	Indirect costs (personnel, camp operations, etc)	Total
4241	ROSE	OW00044					$6,480.53	$6,480.53
4278	GOLDEN EAGLE	OW00045					$6,480.53	$6,480.53
4279	WAR EAGLE	OW00046					$6,480.53	$6,480.53
4354	SHAMROCK	OW00047					$6,480.53	$6,480.53
4361	SPOT	OW00049					$6,480.53	$6,480.53
4368	ARLEP	OW00051					$6,480.53	$6,480.53
4369	PHYLLIS	OW00052					$6,480.53	$6,480.53
55633	RUB	OW00054					$6,480.53	$6,480.53
55663	PUB	OW00056					$6,480.53	$6,480.53
55665	SUN DOG	OW00057					$6,480.53	$6,480.53
55666	CUB	OW00058					$6,480.53	$6,480.53
55890	JAM	OW00059					$6,480.53	$6,480.53
55892	PAM	OW00060					$6,480.53	$6,480.53
73537	DOME 1	-					$6,480.53	$6,480.53
73538	DOME 2	-	$198,328.05		$115.50		$6,480.53	$204,924.08
73539	DOME 3	-			$77.00		$6,480.53	$6,557.53
73540	DOME 4	-					$6,480.53	$6,480.53
73542	DOME 6	-	$368,347.12		$154.00		$6,480.53	$374,981.65
73543	DOME 7	-					$6,480.53	$6,480.53
73694	DOME 8	-					$6,480.53	$6,480.53
73700	DOME 14	-					$6,480.53	$6,480.53
73702	DOME 16	-					$6,480.53	$6,480.53
73703	DOME 17	-					$6,480.53	$6,480.53
73704	DOME 18	-					$6,480.53	$6,480.53
73705	DOME 19	-				$328.00	$6,480.53	$6,808.53
73706	DOME 20	-					$6,480.53	$6,480.53
74283	JOANNE 1	-			$77.00		$6,480.53	$6,557.53
74284	JOANNE 2	-				$205.00	$6,480.53	$6,685.53
74285	JOANNE 3	-				$143.50	$6,480.53	$6,624.03
74286	JOANNE 4	-			$77.00	$553.50	$6,480.53	$7,111.03
74287	JOANNE 5	-				$758.50	$6,480.53	$7,239.03
74288	JOANNE 6	-			$269.50	$820.00	$6,480.53	$7,570.03
77746	DOME 25	-					$6,480.53	$6,480.53
77747	DOME 26	-					$6,480.53	$6,480.53
77748	DOME 27	-				$205.00	$6,480.53	$6,685.53
77749	DOME 28	-					$6,480.53	$6,480.53
77754	DOME 33	-		$2,926.10			$6,480.53	$9,406.63
77755	DOME 34	-					$6,480.53	$6,480.53
77756	DOME 35	-					$6,480.53	$6,480.53
77757	DOME 36	-					$6,480.53	$6,480.53
77758	DOME 37	-					$6,480.53	$6,480.53
77759	DOME 38	-					$6,480.53	$6,480.53
77760	DOME 39	-				$164.00	$6,480.53	$6,644.53
77761	DOME 40	-				$184.50	$6,480.53	$6,665.03
77762	DOME 41	-		$3,646.04		$205.00	$6,480.53	$10,331.57
77763	DOME 42	-		$8,551.90			$6,480.53	$15,032.43
77764	DOME 43	-		$1,940.75		$20.50	$6,480.53	$8,441.78
77770	DOME 49	-			$38.50		$6,480.53	$6,519.03
77771	DOME 50	-			$38.50		$6,480.53	$6,519.03
77772	DOME 51	-					$6,480.53	$6,480.53
77773	DOME 52	-					$6,480.53	$6,480.53
77774	DOME 53	-	$116,323.13	$1,501.09			$6,480.53	$124,304.75
77775	DOME 54	-				$246.00	$6,480.53	$6,726.53

Table A1-2: Detailed breakdown of costs associated with each claim

Grant Number	Claim Name	Lease Number	2011 Drilling	2011 Trenching	2011 Recon Work	2011 Soil Sampling	Indirect costs (personnel, camp operations, etc)	Total
77776	DOME 55	-				$533.00	$6,480.53	$7,013.53
77777	DOME 56	-				$328.00	$6,480.53	$6,808.53
77778	DOME 57	-				$328.00	$6,480.53	$6,808.53
77779	DOME 58	-				$61.50	$6,480.53	$6,542.03
77781	DOME 60	-				$758.50	$6,480.53	$7,239.03
77782	DOME 61	-				$861.00	$6,480.53	$7,341.53
77784	DOME 63	-				$943.00	$6,480.53	$7,423.53
77785	DOME 64	-				$1,189.00	$6,480.53	$7,669.53
77786	DOME 65	-				$1,107.00	$6,480.53	$7,587.53
77787	DOME 66	-				$943.00	$6,480.53	$7,423.53
81842	DOME 78	-					$6,480.53	$6,480.53
81843	DOME 79	-					$6,480.53	$6,480.53
81844	DOME 80	-					$6,480.53	$6,480.53
81845	DOME 81	-				$164.00	$6,480.53	$6,644.53
81846	DOME 82	-				$184.50	$6,480.53	$6,665.03
81847	DOME 83	-				$410.00	$6,480.53	$6,890.53
81848	DOME 84	-				$205.00	$6,480.53	$6,685.53
81850	DOME 86	-				$963.50	$6,480.53	$7,444.03
YA23835	HIW 9	-				$840.50	$6,480.53	$7,321.03
YA23836	HIW 10	-				$574.00	$6,480.53	$7,054.53
YA23837	HIW 11	-					$6,480.53	$6,480.53
YA23838	HIW 12	-				$205.00	$6,480.53	$6,685.53
YA23839	HIW 13	-				$61.50	$6,480.53	$6,542.03
YA23840	HIW 14	-				$799.50	$6,480.53	$7,280.03
YA23841	HIW 15	-				$615.00	$6,480.53	$7,095.53
YA23842	HIW 16	-				$902.00	$6,480.53	$7,382.53
YA23843	HIW 17	-				$820.00	$6,480.53	$7,300.53
YA24813	HIW 1	-					$6,480.53	$6,480.53
YA24814	HIW 2	-			$38.50		$6,480.53	$6,519.03
YA24819	HIW 7	-					$6,480.53	$6,480.53
YA59596	DD 1	-					$6,480.53	$6,480.53
YA59597	DD 2	-					$6,480.53	$6,480.53
YA59610	DD 15	-					$6,480.53	$6,480.53
YA59611	DD 16	-					$6,480.53	$6,480.53
YA59612	DD 17	-					$6,480.53	$6,480.53
YA59613	DD 18	-					$6,480.53	$6,480.53
YA59614	DD 19	-					$6,480.53	$6,480.53
YA59615	DD 20	-					$6,480.53	$6,480.53
YA59616	DD 21	-					$6,480.53	$6,480.53
YA59617	DD 22	-					$6,480.53	$6,480.53
YA59618	DD 23	-					$6,480.53	$6,480.53
YA59619	DD 24	-					$6,480.53	$6,480.53
YA59620	DD 25	-					$6,480.53	$6,480.53
YA59621	DD 26	-					$6,480.53	$6,480.53
YA59622	DD 27	-					$6,480.53	$6,480.53
YA59623	DD 28	-					$6,480.53	$6,480.53

Table A1-2: Detailed breakdown of costs associated with each claim

Grant Number	Claim Name	Lease Number	2011 Drilling	2011 Trenching	2011 Recon Work	2011 Soil Sampling	Indirect costs (personnel, camp operations, etc)	Total
YA86690	TBR 1	-		$900.97			$6,480.53	$7,381.50
YA86691	TBR 2	-		$1,991.16	$38.50	$123.00	$6,480.53	$8,633.19
YA86692	TBR 3	-					$6,480.53	$6,480.53
YA86693	TBR 4	-					$6,480.53	$6,480.53
YA86694	TBR 5	-					$6,480.53	$6,480.53
YA86695	TBR 6	-					$6,480.53	$6,480.53
YA86696	TBR 7	-					$6,480.53	$6,480.53
YA86697	TBR 8	-					$6,480.53	$6,480.53
YA87204	ONT 38	-					$6,480.53	$6,480.53
YA87206	ONT 40	-					$6,480.53	$6,480.53
YA87208	ONT 42	-					$6,480.53	$6,480.53
YA87210	EEK 1	-					$6,480.53	$6,480.53
YA87211	EEK 2	-				$41.00	$6,480.53	$6,521.53
YA87212	EEK 3	-					$6,480.53	$6,480.53
YA87213	EEK 4	-					$6,480.53	$6,480.53
YA87214	EEK 5	-					$6,480.53	$6,480.53
YA87215	EEK 6	-					$6,480.53	$6,480.53
YA87216	EEK 7	-					$6,480.53	$6,480.53
YA87217	EEK 8	-					$6,480.53	$6,480.53
YA87218	EEK 9	-					$6,480.53	$6,480.53
YA87223	EEK 14	-					$6,480.53	$6,480.53
YA87224	EEK 15	-					$6,480.53	$6,480.53
YA87225	EEK 16	-					$6,480.53	$6,480.53
YA87226	EEK 17	-					$6,480.53	$6,480.53
YA87227	EEK 18	-					$6,480.53	$6,480.53
YA92655	ONT 44	-					$6,480.53	$6,480.53
YA92656	ONT 45	-					$6,480.53	$6,480.53
YA92657	ONT 46	-					$6,480.53	$6,480.53
YA92658	ONT 47	-					$6,480.53	$6,480.53
TOTAL								

Table A1-2: Detailed breakdown of costs associated with each claim

Appendix II

Drill Logs

Charlotte Project
DDH-10-252 Resample
Drill Log Summary and Cover Sheet

Hole Id:	**DDH-10-252**
Property:	**Charlotte**
Area:	**Flex**
Client:	**Ansell Capital Corp.**

Logged By:	**K. MacDonald**
Date Logged:	**August 18, 2010**
Re-logged:	**June 5-6, 2011**
	By: N. Struyk, T.D

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	**NAD83, Zone 8**		
Easting:	**386652.33 mE**	Azimuth:	
Northing:	**6882019.57 mN**	Dip:	
Elevation:	**1377.33 m**	Length:	

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	**386645 mE**	Azimuth:	**078 º**
Northing:	**6882017 mN**	Dip:	**-65 º**
Elevation:		Length:	

Survey Type: **Ranger Single Shot**

Distance	Azi	Dip	Accept

Drilling Information:

Contractor:	**Top Rank**
Core Diameter:	**BTW**
Start Date:	**17-Aug-2010**
End Date:	**21-Aug-2010**
Casing In:	**No**
Casing Capped:	**No**
Units:	**Metric**

Hole Objective:
Resample intervals from 2010

Lithology Summary

From	To	Lith	Comment

Hole Summary:

Charlotte Project
DDH-10-252 Resample
Detailed Log

| | | |

Charlotte Project
DDH-10-252 Resample
Detailed Log

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Added description	Mineralization							Mag Sus	Alteration																	Foliation	Shearing		Fractures		Veins					Brecciation						Upper Contact		Lower Contact	
From	To	From	To	Code				Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnzn Style		Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	Kao	Mont	Ass	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	% Clasts	Rounding	Matrix	% Matrix	Intensity	to CA	Desc	to CA	Desc
		110.41	110.70			10cm of green diffuse chl-rich bands adacent to narrow blched white micrbreccia/shear bands (rhythmic banding at 060˚); passing down hole to 10cm of blched green silicified QFP with conjugate, cross-patterned chl-lim cracks at 050˚ and 150˚ TCA passing to silicified QFP w/ faint and diffuse banding at 060˚ TCA; preferential strong lim on some bands; dark gry-grn discontinous, crenulated wavy laminations at 060˚(looks like qtz-chl); must be a preserved, finely sheared contact pattern		0	0	0	0	0	0				3	4	0	1	0	0	0	3	0	0	0	0	0	0	0	1	0	0		65																							
		110.70	110.95			Repetitive gry-blk and blched green swirling laminations and microbands; highly distorted; dark bands likely some kind of remnant matic band at gradational contact to unit below		0	0	0	0	0	1			gry-blk and blched green	4	2	0	1	0	0	0	3	0	0	0	3	0	0	0	0	0	0																							
110.95	111.52	110.95	111.22	BX/GN	Breccia/Matic Gneiss?	Gradational and transitional to unit above; dark diffuse aphanitic gry-grn-blk bands w/ lighter blched bands and rounded frags; looks like weakly banded breccia w/ bands at 060˚ TCA; some "matic" bands are completely folded over; some felsic frags look like QFP frags; unit is highly silicified; local minor diss and clotty py		0.5	0	0	0	0	0	diss		gry-grn-blk bands	3	1	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0																							
		111.22	111.52	GN	Matic Gneiss	Alternating dark v.f.g. matic bands w f.g. chloritized felsic bands; weak patchy epi-ser alt; minor diss py in mtx		0.1	0	0	0	0	0	diss		dark v.f.g.	3	1	0	0	0	0	0	3	0	0	0	3	0	2	0	1	0	0																							
111.52	115.80			GN	Felsic Gneiss	Pale gry w/ patchy grn; equigranular m.g. qtz/fspar groundmass with 1-2 clotty chloritized phenocrysts that measure up to 3-5mm; few chl clots are cored w/ fresh pyrite; one trace blue bornite grain; open repetitive fracs at 050˚ TCA and 140˚ TCA		1	0	0	0	0	0	diss		Pale gry w/ patchy grn	3	1	0	1	0	0	0	3	0	0	0	2	0	2	0	0	0	0																							
		112.35	112.45	BX	Breccia	Varicolored chl-qtz breccia; 70% felsic and strongly chloritized frags in silica gangue		0.1	0	0	0	0	0	diss		Vari-colored	0	0	0	2	0	0	0	3	0	0	0	3	0	0	0	1	0	0																							
		112.45	113.40	GN	Felsic Gneiss?	Pale gry-grn-wht; strongly silicified; c.g. to weakly porphyritic w/ strong chloritization of what must be matic constituents; could be transitional to altered matic banded gn; trace interstitial py		1	0	0	0	0	0	diss		Pale gry-grn-wht	4	2	0	0	0	0	0	3	0	0	0	2	0	0	0	1	0	0																							
		113.40	113.90			Pale grn-wht-gry; strongly silicified; strongly chloritized; porphyritic; chl clots up to 3mm across; has weak intraformational breccia look, transitional downhole to more matic bands; tr py;		0	0	0	0	0	0.5	diss		Pale grn-wht-gry	4	2	0	0	0	0	0	3	0	0	0	2	0	2	0	1	0	0																							
		113.90	114.10	BX	Breccia	Pale gry-wht-grn; strongly sil-chl felsic crackle breccia		1	0	0	0.5	0	0	bleb		Pale gry-wht-grn	1	4	0	1	0	0	0	3	0	0	0	1	0	0	0	2	0	0																							
		114.10	114.45			Pale gm-gry; blched; f.g. to m.g.; wk banding at 040˚ TCA; outlined by close-space chl cracks and healed fracs; clotty chl; minor clotty and cubic py		1	0	0	0	0	0	diss, bleb		Pale grn-gry	2	4	0	1	0	0	0	4	0	0	0	1	0	0	0	3	0	0												Gn	97	AG	lim	3	1					
		114.45	115.40			Very pale grn-gry; intensely blched; fine chl-ser altered fspar grn; f.g. Interstitial Qtz; equigranular; fine lim cracks and healed fracs at 030˚ TCA		1	0	0	0	0	0			Pale gry-wht-grn	2	4	0	1	0	0	0	2	0	0	0	3	0	0	0	1	0	0																							
		115.40	115.80	GN	Matic Gneiss	Pale grn-gry felsic Gn; f.g. Bands in irregular, swirling and gradational contact w/ drk gry-blk v.f.g matic bands, minor py in fairly fresh looking biotite-rich matic bands		2	0	0	0	0	1	blebs, vf diss		Pale grn-gry felsic	2	1	0	1	0	0	0	2	0	0	0	3	0	1	0	0	0	0																							
115.80	121.92	115.80	119.10	MGn	Matic Gneiss	Drk gry-blk; pretty fresh; silicified; wk pervasive ser-chl ± epi alteration; v.f.g.; foliated at 030˚ but texture is somewhat variable and swirling; clear-opaque qtz sweats and stringers // to fol'n; few swirling felsic bands; minor py as diss and fol'n // clots and stringers		3	0	0	0	0	0	diss, stringers		Drk gry-blk	3	1	0	1	0	0	0	1	0	0	0	0	0	1	0	1	0	0		65																							
		119.10	121.25			Drk gry-blk; fresh; v.f.g.; well-foliated; some intermixed and irregular narrow felsic bands; few qtz sweats and stringers // to fol'n at 040˚ (3-5 /m'); unit is strongly silicified or hornfelsed (slight brown cast to biotite); very wk ser-chl alt; local mod chl-epi alt in felsic bands; minor py as fine disseminations and local stringers along fol'n planes	At about 119.6, 1.5 cm vein at 60 tca with fracture through center and halo 1cm below and 30 cm above.	10	0	0	0	0	0	diss, blebs, stringers		Drk gry-blk	3	0	0	0	0	0	0	1	0	0	0	2	0	2	0	0	0	0																							
		121.25	121.92	BX	Breccia	Blched, broken, chl altered rubble; some frags look brecciated, 32% recovery		7	0	0	0	0	0	diss, blebs, stringers		drk gry-grn-wht	2	1	0	0	0	0	0	1	0	0	0	2	0	1	0	1	0	0																							

Charlotte Project
DDH-10-252 Resample
Sample Intervals

Interval						Au	Ag	Au(GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T
76.60	77.10	0.50	1064525		Qtz-Fls-Porphyry	0.005	0.6	
77.10	78.61	1.51	1064526		Qtz-Fls-Porphyry	<0.005	0.5	
78.61	80.10	1.49	1064527		Qtz-Fls-Porphyry	<0.005	0.5	
80.10	81.25	1.15	1064528		Qtz-Fls-Porphyry	<0.005	0.5	
81.25	82.35	1.10	1064529		Felsic Gneiss?	<0.005	0.5	
82.35	83.65	1.30	1064530		Felsic Gneiss?	0.017	5.8	
83.65	84.15	0.50	1064531		Felsic Gneiss?	0.075	7.5	
84.15	85.10	0.95	1064532		Felsic Gneiss?	0.051	4.8	
85.10	86.20	1.10	1064533		Felsic Gneiss?	0.051	4	
86.20	88.78	2.58	1064534		Qtz-Fls-Porphyry?	0.12	8.1	
86.20	88.78	2.58	1064535	**Duplicate**	Qtz-Fls-Porphyry?	0.115	4.9	
88.78	89.65	0.87	1064501		Qtz-Fls-Porphyry?	>10.000	15.5	7.7
89.65	90.65	1.00	1064502		Qtz-Fls-Porphyry?	0.306	19.3	
90.65	91.65	1.00	1064503		Qtz-Fls-Porphyry?	0.139	7.7	
91.65	92.65	1.00	1064504		Qtz-Fls-Porphyry?	0.035	5.5	
91.65	92.65	1.00	1064505	**Dulpicate**	Qtz-Fls-Porphyry?	0.045	6.8	
92.65	93.65	1.00	1064506		Qtz-Fls-Porphyry?	0.064	4.7	
93.65	94.65	1.00	1064507		Qtz-Fls-Porphyry?	0.056	6.3	
94.65	95.65	1.00	1064508		Qtz-Fls-Porphyry?	0.032	5.6	
95.65	96.15	0.50	1064509		Qtz-Fls-Porphyry?	0.023	3.5	
102.60	104.10	1.50	1064510		Qtz-Fls-Porphyry?	0.044	2.6	
104.10	105.60	1.50	1064511		Qtz-Fls-Porphyry?	0.015	1.3	
105.60	107.10	1.50	1064512		Qtz-Fls-Porphyry?	0.008	1.9	
107.10	108.60	1.50	1064513		Qtz-Fls-Porphyry?	0.006	0.9	
108.60	110.00	1.40	1064514		Qtz-Fls-Porphyry?	<0.005	0.9	
108.60	110.00	1.40	1064515	**Blank**	Qtz-Fls-Porphyry?	<0.005	<0.1	
110.00	110.95	0.95	1064516		Qtz-Fls-Porphyry?	<0.005	0.2	
110.95	112.45	1.50	1064517		Breccia/Mafic Gneiss?	0.007	0.3	
112.45	113.95	1.50	1064518		Felsic Gneiss	0.007	<0.1	
113.95	115.00	1.05	1064519		Felsic Gneiss	0.01	0.1	
115.00	115.80	0.80	1064520		Felsic Gneiss	<0.005	<0.1	
115.80	117.30	1.50	1064521		Mafic Gneiss	0.011	0.1	
117.30	118.80	1.50	1064522		Mafic Gneiss	<0.005	0.2	
118.80	120.30	1.50	1064523		Mafic Gneiss	0.008	<0.1	
120.30	121.92	1.62	1064524		Mafic Gneiss	0.006	<0.1	
121.92	EOH							

Charlotte Project
DDH-10-253 Resampled
Drill Log Summary and Cover Sheet

Hole Id:	**DDH-10-253**
Property:	**Charlotte**
Area:	**Flex**
Client:	**Ansell Capital Corp.**

Logged By:	**Cameron Norton**
Date Logged:	**August 21-28, 2010**
Re-logged:	**June 6-7th, 2011**
	By: N. Struyk, T.D, A.P

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	**NAD83, Zone 8**		
Easting:	**386626.16 mE**	Azimuth:	
Northing:	**6881933.49 mN**	Dip:	
Elevation:	**1344.49 m**	Length:	

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	**386623 mE**	Azimuth:	**078 º**
Northing:	**6881933 mN**	Dip:	**-65 º**
Elevation:		Length:	

Survey Type:			**Ranger Single Shot**
Distance	Azi	Dip	Accept

Drilling Information:

Contractor:	**Top Rank**
Core Diameter:	**BTW**
Start Date:	**21-Aug-2010**
End Date:	**28-Aug-2010**
Casing In:	
Casing Capped:	**Pulled**
Units:	**Metric**

Hole Objective:
Resample intervals from 2010

Hole Summary:

Lithology Summary			
From	To	Lith	Comment

Charlotte Project
DDH-10-253 Resample
Detailed Log

| | | |

Charlotte Project
DDH-10-253 Resample
Detailed Log

Primary Intervals		Secondary Intervals		Lith			Mineralization								Alteration																					Foliation	Shearing		Fractures		Veins					Brecciation						Upper Contact		Lower Contact	
From	To	From	To	Code	Lithology	Description	Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnzn Style	Mag Sus	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	Kao	Mont	Ass	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	% Clasts	Roundin g	Matrix	% Matrix	Intensity	to CA	Desc	to CA	Desc
		115.21	117.50	GN	Altered Gneiss	mod silicified med gn/chl and mon altered w/ high late fractures filled with chl and hem, giving core a wk brecciated appearance. Fg diss py along occasional fractures along with 1% fg diss py. Downhole core becomes increasinly blocky and fault affected.											0		0	0	0		0	0	0		0	0	0		0	0																				
		117.50	118.74	GN	Altered Gneiss	Wk alt GN w/ wk silicification. Mg w/ 25TCA. Dk gn and mod siliceous. Vfg py // to foln and diss.											0		0	0	0		0	0	0		0	0	0		0	0																				
		118.74	121.00	GN	Altered Gneiss	Mod silicified med-pale gn w/ mod chlo and mon al (patches)t. Wk Bch locally with localized epidote(?) alt. Core is wk to mod crackled w/ late microfractures filled with chl, kao and lim.											0		0	0	0		0	0	0		0	0	0		0	0																				
		121.00	123.38	GN	Altered Gneiss	Dk gn,wk silicified core w/ str chl alt and mod patchy mon alt, qtz blebs and patches, tr-1%vfg diss py. Foln at 150TCA, w/ clv // to foln and at 80TCA.											0		0	0	0		0	0	0		0	0	0		0	0																				
		123.38	125.27	GN	Altered Gneiss	Moderately siliceous, Dk to med gn GN w/ qtz blebs, mod mon patches, mod chl,wk hem. foln at 150TCA. Cg py along fractures and // to foln. Along with 1%mg diss py.											0		0	0	0		0	0	0		0	0	0		0	0																				
125.27	126.77			MGn	Mafic Gneiss	wh-lt gn amphibolite w/ foln overprinted by alteration/silicification and wk Bch. Str qtz, str kao, wk chl, w/ blebs of mon. Smokey qtz STs at 150TCA (1%) w/ foln at 50TCA, clv // to foln. 1%vfg diss py. Chl occurs as laminations along foln. Upper contact gradational over 5cm.											0		0	0	0		0	0	0		0	0	0		0	0																				
126.77	129.32			GN	Qtz-Fls Gneiss	Dk gn wk silicified GN w/ str chl alt, mod patchy mon alt, mod blebbed qtz, 1% fg diss py and mg py // to foln at 120TCA two 3cm wide VTs at 90 and 40TCA respectively along with thin qtz-kao STs.LSecond of two VTs is sheared, leavin only half the vein exposed. synstrally at 120TCa w/ 1cm displacement CLV at 45/irreg. Upper 50cm of unit is mod gouge and flt affected core. Upper contact gradational over 5cm.											0		0	0	0		0	0	0		0	0	0		0	0																				
		128.80	128.88	GN	Altered Gneiss	Lt gn silificied GN w/ overprinted foln. Borderline amphibolite. Str qtz, mod mont, wk chl alt.											0		0	0	0		0	0	0		0	0	0		0	0																				
129.32	131.98			MGn	Mafic Gneiss	lt gn amp w/ mod dendritic hem, mod chl, wk mon, str blebbed qtz, 1% vfg diss py. Foln largely overprinted, however, appears to occur subhorizontal TCA w/ clv occuring at 30TCA, and filled w/ kao. Core is mod-str silicified and compentant. Upper contact sharp at 70TCA											0		0	0	0		0	0	0		0	0	0		0	0																				
131.98	146.12			GN	Qtz-Fls Gneiss	dk gn mod silicified, mod siliceous, str chl alt, mod patchy mon alt,wk lim, tr sp blebs, and tr vfg py. Core initially is mg, then grades to cg GN for ~1m, then back to mg moderately alt GN. Sp occurs along chl rich foliation planes. Foln generally at 155TCA w/ clv at 120TCA. Qtz generally occurs as clasts/blebs, however VTs present at 160TCA and contain mod hem alt along fracture planes. Unit has str competance uphole, tapers to mod downhole, becoming increasingly blocky. Upper contact gradational over 10cm.											0		0	0	0		0	0	0		0	0	0		0	0																				
		132.56	132.81	GN	Altered Gneiss	Localized altered GN w/ str silica content, blebbed qtz, and mod chl, wk hem and 1% sp along chl foliation planes at 10TCA. Region has str silicification causing partial overprinting of foliation.											0		0	0	0		0	0	0		0	0	0		0	0																				
		134.54	135.22	GN	Altered Gneiss	Wk altered, dk gn cg GN w/ near equigranular/foliated texture. Along upper contact fls grains have eroded away giving core a vuggy/pitted texture. Foln at 140TCA.											0		0	0	0		0	0	0		0	0	0		0	0																				
		135.98	136.23	GN	Altered Gneiss	Int altered, int silicified, borderline AMP w/ near complete overprinting. Region has a high density of late fractures filled with kao giving core a crackled appearance. Mod hem, mod chl, str mon alt.											0		0	0	0		0	0	0		0	0	0		0	0																				
		136.62	137.50	GN	Altered Gneiss	Highly altered mod gn GN w/ mod silicification causing partial overprinting. Mod density of late micro-fractures filled w/ kao, chlo and mon giving core a mod crackled appearance.											0		0	0	0		0	0	0		0	0	0		0	0																				
		137.50	138.30	GN	Altered Gneiss	Upper 60cm of intervol is wk Blch, cg GN w/ a wh-gn color, and highly friable. Grades into a 20cm segment of Int cly-kao bch zone w/ 5% mafic Fsx and 5% mg diss py. Highly friable and a "dogs breakfast" appearance.											0		0	0	0		0	0	0		0	0	0		0	0																				
		138.30	142.72	GN	Qtz-Fls Gneiss	Virtually unaltered mafic GN similar to that described in main desription. Mg dk gn w/ up to 2cm qtz clasts and blebs, along w/ occasional <1m ba qtz STs, often discontinuous in nature. Foln at 150 TCA.											0		0	0	0		0	0	0		0	0	0		0	0																				
		142.72	143.56	GN	Altered Gneiss	Med gn highly siliceous, mod silicified mafic GN w/ int qtz blebs and patches. Str. Chl alt, wk mont alt.											0		0	0	0		0	0	0		0	0	0		0	0																				
		144.30	144.90	GN	Altered Gneiss	Same as previously described, however dominated by ba qtz STs w/ density of >10/meter oriented at 60 and 120TCA.											0		0	0	0		0	0	0		0	0	0		0	0																				
		144.90	145.37	GN	Flt	Flt-gouge zone w/ int developed gouge. Dk gn in color.											0		0	0	0		0	0	0		0	0	0		0	0																				
146.12	153.45			GN	Bch GN	wh-bch GN w/ int kao-cly alt, zones of int gouge tapering to mod competant core. Up to 15% mafic FSx, 10-15% py (both mg diss and cg blebs along foln), late fractures filled w/ mafic FSx.localized wk scor and ser alt w/ disscontinuous mm scale ba qtz STs and lenses. Local zones of pulverized core giving way to rounded crushed qtz grains. Highly fluid altered and "dogs breakfast" appearance. Foln largely overprinted, however, occurs at 100TCA w/ clv at predominantly 45TCA. Upper contact grd w/in flt gouge.											0		0	0	0		0	0	0		0	0	0		0	0																				
		146.12	150.53	GN	Flt go	Flt zone w/ int gouge and blocky core comprised of wh-gry FSx (15%) rich core and 1-2%vfg diss py. Core has been highly pulverised creating rounded crushed qtz grains, and partially healed/brecciated appearance blocky core. "dogs breakfast" appearance.											0		0	0	0		0	0	0		0	0	0		0	0																				
		150.53	151.32	GN	Altered Bch Gneiss	wk chl alt Bch GN giving core a faint wh-gn color w/ wk lim alt. Up to 10% Fsx along foliation planes, and 1-2% vfg-fg diss py.Kao rich w/ blebs. Localized core washing from drill fluids caused localized patches of erosion giving core a locallized brecciated appearance.											0		0	0	0		0	0	0		0	0	0		0	0																				

Charlotte Project
DDH-10-253 Resample
Detailed Log

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization							Mag Sus	Alteration																				Foliation	Shearing		Fractures		Veins					Brecciation						Upper Contact		Lower Contact	
From	To	From	To	Code			Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnzn Style		Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	Kao	Mont	Ass	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	% Clasts	Roundin g	Matrix	% Matrix	Intensity	to CA	Desc	to CA	Desc
		151.32	152.18	GN	Altered Bch Gneiss	Int FSx altered Bch GN w/ up to 15% FSx and 5%fg diss and cg py along foliation planes. Localized discontinous qtz STs. Int kao and wk chl alt. Wkly silicified, mod friable. Borderline "dogs breakfast"												0		0	0	0		0	0	0		0	0	0		0	0																			
		152.18	152.68	GN	Altered Bch Gneiss	Altered Gn w/ bands of alternating gn matic chl,mon rich and and felsic bch ka rich patches. Barren of FSx and tr vfg diss py.												0		0	0	0		0	0	0		0	0	0		0	0																			
		152.68	153.45	GN	Altered Bch Gneiss	mod bch, light gn-gry friable mg salt& pepper texture core GN w/ 2-3% matic FSx laminations along foln.												0		0	0	0		0	0	0		0	0	0		0	0																			
153.45	154.65			GN	Qtz-Fls Gneiss	Dk gn fg-mg GN w/ int chl and wk mon alteration. Foln at 130TCA and CLV // to foln. Blocky flt affected core for lower 50cm. Upper contact grd and w/in blocky flt affected core.												0		0	0	0		0	0	0		0	0	0		0	0																			
154.65	154.94			Amp	Amphibolite	Dk gn silificied amphibolite w/ FSx (5%) filling in late fractures and // to foln planes. Int mon alt w/ mod chl. Foln largely overprinted however, occurs at 130%TCA and irreg CLV angles. Upper contact gradational.												0		0	0	0		0	0	0		0	0	0		0	0																			
154.94	161.27			GN	Bch GN	highly bch wh-gry GN w/ up to 20%FSx, 5% fg diss and cg blebbed py, and 1-2% cg aspy. Int kao alt w/ str sil, wk hem alt w/ localized brecciated appearance from differential weathering caused by fluid flushing while drilling. Upper 3m moderately competant,however, friable, tapering to int flt gouge for lower 5m. last 1m Scor alt tapers in, grading from wk to mod w/in gouge. Around lower contact core is highly pulverised leaving relict crush subrounded qtz clasts in int cly alt "mush" matrix. Foln largely overprinted from fluid Bch however, occurs at 130TCA, w/ clv variable ranging from 100TCA-// to foln. Upper contact shp at 120TCA.												0		0	0	0		0	0	0		0	0	0		0	0																			
		154.94	155.63	GN	Altered Bch Gneiss	med gn mod silicified wk bch GN w/ 2-3%FSx // to foliation and 1%mg diss py. Bch part of AMP unit?												0		0	0	0		0	0	0		0	0	0		0	0																			
		155.63	157.02	GN	Altered Bch Gneiss	lt pink-gry bch wh color w/ brecciated appearance due to a semi-healed 5cm wide shear zone at 40TCA. 5-8%FSx both fractures // to foln and patches. 2-3%cg diss py.												0		0	0	0		0	0	0		0	0	0		0	0																			
		157.02	159.89	GN	Fault Zone	Int gouge fault zone w/ dk gry gouge comprised of up to 20% FSx, 2-3%cg aspy, 2-3%mg diss py.												0		0	0	0		0	0	0		0	0	0		0	0																			
		159.89	160.66	GN	Fault Zone	Int gouge w/ pervasive str lim alt overprinting core/any otherwise visible mineralization.												0		0	0	0		0	0	0		0	0	0		0	0																			
		160.66	161.27	GN	Fault Zone	Str gouge w/ mod scor alt. Core is str pulverised leaving crushed qtz clasts in a ext friable mod scor altered matrix.												0		0	0	0		0	0	0		0	0	0		0	0																			
161.27	173.60			QFP	QTZ-fls porhyry	Altered QFP being cut w/ int smokey qtz creating a breacciated appearance locally. wh-grn-brn equigranular texture w/ mod local blebs of mon, clasts of fls (often erroded away creating a pitted/vuggy texture), and patches of mod-strong lim alt causing partial overprinting.Abundant qtz clots. Regions of int gouge and flt affected core w/ vein zone occuring up to 5 times, as defined by the presence of smokey qtz, FSx,Scor and up to 5%py. Localized zones of fluid Bch.												0		0	0	0		0	0	0		0	0	0		0	0																			
		161.27	163.98	QFP	Qtz-py,Fsx Brx vein	Zone vein of int altered QFP being cut w/ int smokey qtz creating a breacciated appearance. 15% fg-mg diss and blebbed py, 2-3% Fsx, 2-3% Scor, mod local blebs of mon, and patches of mod-strong lim alt causing partial overprinting. Alteration tapers to str downhole. Unit is very competant, silicieous,and highly silicified. Upper contact gradational over 30cm of gouge.												0		0	0	0		0	0	0		0	0	0		0	0																			
		164.59	164.90	QFP	Qtz-py,Fsx Brx vein	10cm wide Qtz-py,FSx vein. Gry-gn color w/ late fractures filled with kao. Up to 5% FSx filling in late fractures and // to clv planes. Wk to tr. Scor. Vein oriented at 135TCA.												0		0	0	0		0	0	0		0	0	0		0	0																			
		165.52	166.48	QFP	Qtz-py,Fsx Brx vein	Friable, blocky, possible vein rock w/ str Bch overprinting and wk scor alt, 1%FSx, 1%py (cg vuggy blebs), and mod mon alt (patches) and patches of str lim alt. Vein angled at 70TCA.												0		0	0	0		0	0	0		0	0	0		0	0																			
		166.48	168.23	QFP	go-Altered QFP	Int lim altered QFP in zone of flt/flt affected core. Mod gouge, Int blocky core.												0		0	0	0		0	0	0		0	0	0		0	0																			
		168.23	169.34	QFP	Qtz-py,Fsx Brx vein	wh-black bch mineralized vein w/ 5% FSx along foliation and cleavage planes along, 2-3%cg diss py, up to 1% smokey qtz, wk to mod scor alt. . Zone is highly blocky and flt affected.												0		0	0	0		0	0	0		0	0	0		0	0																			
		169.34	172.05	QFP	Bch QFP	mod Bch QFP w/ abundant qtz clots, 3%ser, 2-3%cg py diss and vuggy blebs, 1%mon. Mod lim alt along late fractures. Upper 1m is highly blocky, tapering to mod-int gouge for lower portion of invervol.												0		0	0	0		0	0	0		0	0	0		0	0																			
		172.05	173.60	QFP	Altered QFP	Bch QFP w/ mod scor, mod mon, str siliceous w/ wk lim. Core has a wh-gn color. 1% vfg diss py, 1% FSx along clv planes, no smokey qtz.												0		0	0	0		0	0	0		0	0	0		0	0																			
173.60	190.65			AMP	AMP	Heavily cly altered gn GN w/ mod localized bch and abundant qtz clots creating a equigranular texture w/ str overprinting creating a "dogs breakfast". Very difficult to tell if unit is heavily altered, and slightly annealed AMP or QFP w/ chl alt, str chl, mod mon, and local ser and scor(?)For first 4m core is Ext silicified and siliceous, tapers to poorly silicified, friable and moderately siliceous downhole. w/in the first 1.5 meters a 1.5cm smokey qtz VT is intersected, likely a bifercation of the larger vein system. Downhole core becomes Int cly alt and faulted w/ int gouge. Upper contact gradational.												0		0	0	0		0	0	0		0	0	0		0	0																			
		173.60	174.25	AMP	Bch Altered amphibolite	Altered lt gn AMP w/ mod chl, mod mon alt, wk speccaled hem, and abundant qtz clots.Tr vfg diss py. Localized 1.5cm wide smokey qtz VT w/ 5% FSx at 20TCA. Highly cooked and silicified "dogs breakfast". Downhole tapers into v cg fls phenocrysts w/ occasional pink ksp.												0		0	0	0		0	0	0		0	0	0		0	0																			
		174.25	178.12	AMP	Amphibolite	med gn equigranular QFP w/ abundant qtz clots. Mod chl alt, wk mon alt, w/ late fractures filled with hem and lim. Clv at 140TCA.												0		0	0	0		0	0	0		0	0	0		0	0																			
		179.35	180.74	FZ	Amphibolite-gouge	Flt gouged, Str Bch amp. Int gouge w/ mod cly alt. 1% cg diss py, 1-2% FSx.												0		0	0	0		0	0	0		0	0	0		0	0																			

Charlotte Project
DDH-10-253 Resample
Detailed Log

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization							Mag Sus	Alteration																			Foliation	Shearing		Fractures		Veins				Brecciation						Upper Contact		Lower Contact	
From	To	From	To	Code			Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnzn Style		Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	Kao	Mont	Ass	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	% Clasts	Roundin g	Matrix	% Matrix	Intensity	to CA	Desc	to CA	Desc
		180.74	185.50	FZ	Amphibolite-gouge	Dk gn amphibolite w/ Ext gouge. Localized zones bch fluid flushed gouge mixed in. Mod lim alt. Mod mont alt. 1%cg diss py, 1-2% FSx.												0		0	0	0		0	0	0		0	0	0		0	0																				
		185.50	190.65	AMP	Altered amphibolite	Bch wh-lt gn amp GN w/ 1-3% FSx // to foliation planes, 1% cg diss py, int silicified and overprinted w/ mod mont alt. Int gouge/ flt zone from 187-189.23. At 189.25-189.50 a 0.5cm wide smokey qtz ST is being synstally faulted at 15TCA w/ 1cm of displacement.											0		0	0	0		0	0	0		0	0	0		0	0																				
190.65	198.70			QFP	QFP	Dk gn QFP w/ vcg fls and ksp phenocrysts up to 0.5-.75cm. Str qtz, str fls, mod mont alt. tr-1%mg diss py. Very difficult to tell if unit is heavily altered AMP or clay rich QFP. Localized bch patches w/ wh-gn color. Heavy flt gouge zone from 197.8m-200.10 w/ heavy wash away. Flt zone also contains up to 2%FSx. Upper contact gradational.											0		0	0	0		0	0	0		0	0	0		0	0																				
		191.80	192.60	QFP	Altered QFP	wk bch wh-lt gn amp w/ two <1cm wide smokey qtz STs oriented at 130 and 150TCA respectively. Lower 50cm is int friable.											0		0	0	0		0	0	0		0	0	0		0	0																				
		192.60	196.20	QFP	QFP-go	dk gn Amphibolite w/ vcg fls and 1% ksp phenocrysts. Str chl, wk mon alt. Int silliceous. At 193.40-194.46 is flt zone w/ blocky/rubble core. A 2cm wide slightly smokey qtz VT is present at 194.96 oriented at 45TCA.											0		0	0	0		0	0	0		0	0	0		0	0																				
		196.20	198.70	QFP	Altered QFP	moderately bch QFP w/ lt gn-wh color. Int blocky and rubbly core for lower 1 meter of intervol.											0		0	0	0		0	0	0		0	0	0		0	0																				
198.70	201.10			GN	Bch mafic Gneiss	Int bch wh GN w/ lt gn-whi salt and pepper color, mod mont alt, mod chlo, strong silliceous,wk lim, 1-2%mg diss py and up to 3-4 FSx // to clv along with masses along with mod smokey qtz. Int flt zone w/ mod gouge, wash away, and pulverized qtz clasts. Foln predominantly overprinted due to bching but appears to be at 140TCA w/ clv // to foln. Upper contact gradational in flt gouge.											0		0	0	0		0	0	0		0	0	0		0	0																				
201.10	204.38			QFP	Altered QFP	Bch equigranular QFP w/ vfg fls and ksp phenocrysts in a mod chl alt. Mod Flt gouge for lower 50cm of hole. Upper contact shp at 150TCA.											0		0	0	0		0	0	0		0	0	0		0	0																				
204.38	210.55			GN	Mafic Qtz-fls GN	Dk gn str chl alt vfg GN w/ local mon patches and tr to no Sx. Occasional qtz STs at 45TCA w/ alteration halos around vein. Large pegmattic looking VT at 209.25-208.30 oriented at 120TCA and contains cvg pink ksp, fls, and qtz. Clv at 110TCA. Upper contact shp at 110TCA.											0		0	0	0		0	0	0		0	0	0		0	0																				
210.55	212.75			QFP	Qtz-fls-Porphyry	vcg gn-wh-pink QFP w/ vcg clasts of ksp, fls, qtz and chl. Tr. Vfg py. Upper contact shp at 130TCA.											0		0	0	0		0	0	0		0	0	0		0	0																				
212.75					EOH													0		0	0	0		0	0	0		0	0	0		0	0																				

Charlotte Project
DDH-10-253 Resample
Sample Intervals

Interval						Au	Ag	Au(GrOL)	Ag (7TD)
From	To	Width	Sample	SampleType	Lithology	GM/T	PPM	GM/T	GM/T
61.20	62.71	1.51	1064536		Mafic Gneiss	<0.005	<0.1		
67.28	68.50	1.22	1064537		Mafic Gneiss	<0.005	0.2		
68.50	70.00	1.50	1064538		Qtz-Fls Gneiss	0.006	0.1		
70.00	71.58	1.58	1064539		Qtz-Fls Gneiss	0.011	0.4		
71.58	73.08	1.50	1064540		Qtz-Fls Gneiss	0.202	80.2		
73.08	74.30	1.22	1064541		Qtz-Fls Gneiss	<0.005	0.8		
74.30	75.80	1.50	1064542		Qtz-Fls Gneiss	0.052	<0.1		
75.80	77.30	1.50	1064543		Qtz-Fls Gneiss	0.218	0.1		
77.30	78.80	1.50	1064544		Qtz-Fls Gneiss	0.314	3		
78.80	78.80		1064545	**STD: PM 436**		0.369	0.2		
78.80	80.30	1.50	1064546		Qtz-Fls Gneiss	0.464	0.1		
80.30	81.80	1.50	1064547		Qtz-Fls Gneiss	0.088	<0.1		
81.80	83.30	1.50	1064548		Qtz-Fls Gneiss	0.008	<0.1		
83.30	84.80	1.50	1064549		Qtz-Fls Gneiss	0.013	<0.1		
84.80	86.30	1.50	1064550		Qtz-Fls Gneiss	0.013	<0.1		
86.30	86.95	0.65	1064551		Qtz-Fls Gneiss	0.006	<0.1		
86.95	88.45	1.50	1064552		Qtz-Fls Gneiss	<0.005	<0.1		
88.45	89.95	1.50	1064553		Qtz-Fls Gneiss	0.049	<0.1		
89.95	91.45	1.50	1064554		Qtz-Fls Gneiss	0.28	0.4		
89.95	91.45		1064555	**Blank**		<0.005	<0.1		
91.45	93.30	1.85	1064556		Qtz-Fls Gneiss	0.343	0.5		
93.30	94.80	1.50	1064557		Qtz-Fls Gneiss	0.083	<0.1		
94.80	96.30	1.50	1064558		Qtz-Fls Gneiss	0.191	0.1		
96.30	97.80	1.50	1064559		Qtz-Fls Gneiss	0.485	5.3		
97.80	99.30	1.50	1064560		Qtz-Fls Gneiss	0.027	0.2		
99.30	100.80	1.50	1064561		Qtz-Fls Gneiss	0.008	0.2		
100.80	102.30	1.50	1064562		Qtz-Fls Gneiss	<0.005	<0.1		
102.30	103.80	1.50	1064563		Qtz-Fls Gneiss	<0.005	0.3		
103.80	105.30	1.50	1064564		Qtz-Fls Gneiss	<0.005	0.1		
105.30	106.80	1.50	1064565		Qtz-Fls Gneiss	0.011	0.1		
106.80	108.30	1.50	1064566		Qtz-Fls Gneiss	0.007	0.2		
108.30	109.80	1.50	1064567		Qtz-Fls Gneiss	0.006	0.1		
109.80	111.30	1.50	1064568		Qtz-Fls Gneiss	<0.005	<0.1		
111.30	112.80	1.50	1064569		Qtz-Fls Gneiss	0.005	0.1		
112.80	114.30	1.50	1064570		Qtz-Fls Gneiss	0.006	0.3		
114.30	115.80	1.50	1064571		Qtz-Fls Gneiss	<0.005	<0.1		
115.80	117.30	1.50	1064572		Qtz-Fls Gneiss	0.007	0.1		
117.30	118.50	1.20	1064573		Qtz-Fls Gneiss	<0.005	<0.1		
118.50	119.80	1.30	1064574		Qtz-Fls Gneiss	<0.005	0.1		
118.50	119.80		1064575	**Duplicate**	Qtz-Fls Gneiss	<0.005	<0.1		
119.80	121.30	1.50	1064576		Qtz-Fls Gneiss	<0.005	<0.1		
121.30	122.80	1.50	1064577		Qtz-Fls Gneiss	<0.005	0.1		
122.80	124.30	1.50	1064578		Qtz-Fls Gneiss	0.005	0.1		
124.30	125.30	1.00	1064579		Qtz-Fls Gneiss	<0.005	0.2		
125.30	126.80	1.50	1064580		Mafic Gneiss	0.022	0.2		
126.80	128.30	1.50	1064581		Qtz-Fls Gneiss	0.008	0.4		
128.30	129.30	1.00	1064582		Qtz-Fls Gneiss	<0.005	0.2		
129.30	130.80	1.50	1064583		Mafic Gneiss	<0.005	0.1		
130.80	132.00	1.20	1064584		Mafic Gneiss	<0.005	<0.1		
130.80	132.00		1064585	**STD: PM 1138**		1.31	80.7		103
132.00	133.50	1.50	1064586		Qtz-Fls Gneiss	0.007	0.1		
133.50	135.00	1.50	1064587		Qtz-Fls Gneiss	0.006	<0.1		
135.00	136.50	1.50	1064588		Qtz-Fls Gneiss	<0.005	<0.1		
136.50	137.70	1.20	1064589		Qtz-Fls Gneiss	0.03	0.5		
137.70	138.20	0.50	1064590		Qtz-Fls Gneiss	0.159	1.2		
138.20	139.70	1.50	1064591		Qtz-Fls Gneiss	0.06	0.3		
139.70	141.20	1.50	1064592		Qtz-Fls Gneiss	0.012	0.1		
141.20	142.70	1.50	1064593		Qtz-Fls Gneiss	0.009	0.2		
142.70	143.38	0.68	1064594		Qtz-Fls Gneiss	0.007	<0.1		
142.70	143.38	0.68	1064595	**Blank**		<0.005	<0.1		
203.16	204.38	1.22	1064596		Altered QFP	0.391	0.5		
204.38	205.75	1.37	1064597		Mafic Qtz-Fls GN	<0.005	<0.1		
205.75	206.60	0.85	1064598		Mafic Qtz-Fls GN	<0.005	<0.1		
206.60	208.10	1.50	1064599		Mafic Qtz-Fls GN	<0.005	<0.1		
208.10	209.60	1.50	1064600		Mafic Qtz-Fls GN	<0.005	<0.1		
209.60	210.55	0.95	1064601		Mafic Qtz-Fls GN	0.006	<0.1		
210.55	211.45	0.90	1064602		Qtz-Fls-Porphyry	<0.005	<0.1		
211.45	212.75	1.30	1064603		Qtz-Fls-Porphyry	<0.005	<0.1		
212.75	EOH								

Charlotte Project
DDH-11-254
Drill Log Summary and Cover Sheet

Hole Id:	**DDH-11-254**
Property:	**Charlotte**
Area:	**Flex**
Client:	**Ansell Capital Corp.**
Logged By:	**N.Struyk, A.Paquet, T. Dyakowski**
Date Logged:	**June 7-11, 2011**

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	**NAD83, Zone 8**		
Easting:	**386671.41 mE**	Azimuth:	**060 º**
Northing:	**6881924.83 mN**	Dip:	**-65 º**
Elevation:	**1348.38 m**	Length:	**164.94 m**

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	**386673 mE**	Azimuth:	**078 º**
Northing:	**6881925 mN**	Dip:	**-65 º**
Elevation:		Length:	**150 m**

Drilling Information:

Contractor:	**DJ Drilling**
Core Diameter:	**HQ**
Start Date:	**7-Jun-2011**
End Date:	**9-Jun-2011**
Casing In:	**No**
Casing Capped:	**No**
Units:	**Metric**

Hole Objective:
Twin DDH-10-250

Hole Summary:
DDH-11-254 collars into chlorite-feldspar-biotite schist. At 20.65m the lithology changes to gneiss and continues to 84.40m, but undergoes faulting and various alteration styles throughout. From 53.70-59.10m and from 75.20-79.50m the gneiss is crosscut by quartz-feldspar porphyries. From 84.40-104.80m the hole consists of granodiorite intervals which are typically bleached and/or veined (sulphides and qtz) due to the frequent faulting seen throughout. The granodiorite is intruded by a massive sulphide vein from 97.20-98.50m, rich in pyrite, sphalerite, galena, arsenopyrite, as well as trace chalcopyrite, bornite and molybdenite, with minor scorodite alteration and large vugs. From 98.50-107.50m, is a zone of increase brecciation, alteration and mineralization within a granodiorite. Gneiss and quartz-feldspar porphyry are interfingered from 107.35-138.10m, overall mineralization is dominated by blebby pyrite in the matrix in addition to veins and stringers of pyrite, sphalerite, galena and arsenopyrite. Alternating diorite and granodiorite is seen from 138.10m to the end of the hole at 164.94m, weak mineralization and/or veining is sometimes observed.

Lithology Summary

From	To	Lith	Comment
0.00	3.04	**CAS**	
3.04	14.65	**Sch**	
14.65	15.40	**Vn**	
15.40	17.00	**Sch**	
17.00	20.10	**Sch-z**	
20.10	20.65	**Sch**	
20.65	27.95	**QFGn**	
27.95	32.92	**FZ**	
32.92	37.45	**MGn**	
37.45	39.65	**FZ**	
39.65	53.20	**BGn**	
53.20	53.70	**Vn**	
53.70	59.10	**QFP**	
59.10	63.06	**BGn**	
63.06	75.20	**QFP**	
75.20	79.50	**MGn-z**	
79.50	80.40	**FZ**	
80.40	84.40	**MGn**	
84.40	87.00	**Gd**	
87.00	92.40	**BGn**	
92.40	95.16	**Gd-vnx**	
95.16	96.50	**Gd (QFP?)-z**	
95.60	97.20	**Gd (QFP?)**	
97.20	98.50	**SVn**	
98.50	100.97	**Gd?**	
100.97	101.50	**Vn**	
101.50	104.80	**Gd**	
104.80	107.35	**Fz-x**	
107.35	117.70	**QFP**	
117.70	120.60	**QFP**	
120.60	121.75	**QFP?-x**	
121.75	122.45	**BGn?-x**	
122.45	122.75	**BGn?-x**	
122.75	124.10	**QFP**	
124.10	126.20	**BGn-x**	
126.20	127.50	**BGn**	
127.50	134.55	**Sch**	
135.55	138.10	**QFP**	
138.10	143.25	**Di**	
143.25	145.55	**Di-z**	
145.55	147.00	**Gd**	
147.00	151.85	**Gd-z**	
151.85	154.00	**Vn**	
154.00	154.80	**BGd**	
154.80	164.94	**Di**	
164.94		**EOH**	

Charlotte Project
DDH-11-254
Detailed Log

| Hole Id: | | CDH-11-254 | | |

Charlotte Project
DDH-11-254
Detailed Log

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization							Alteration															Foliation	Shearing		Fractures		Veins						Brecciation						Upper Contact		Lower Contact	
From	To	From	To	Code			Py%	Asp%	Grn%	Sp%	Cp%	FSx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	Kao	Mont	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	% Clasts	Rounding	Matrix	% Matrix	Intensity	to CA	Description	to CA	Description
147.00	151.85			Gd-z	Granodiorite gouge	Primarily gouge material, green-grey with some pink. 5% 0.2-3mm grains of loose qtz in gouge material which consists of moderate chl and hem (green to pinkish green) or of weak chl and moderate bleached clay (light grey). Protolith very difficult to determine, likely faulted and chl altered version of Gd above. Moderate carbonate alteration, effervescence probably amplified due to broken up nature. 3% f-mg pyrite disseminated throughout. A few more competent chunks up to 5cm in diameter over last 30cm of Gd above. Veins may be present but impossible to tell. Note: Block 488' (148.74m) was dropped at drill site, placement is best guess. Also, ~1.5 m of re-drilled core in box after 150.60m.	3	0	0	0	0	0	diss	Green and grey with pink	0	2	0	1	3	0	0	0	2	0	0	2	0	0	0	1	0	gouge	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	marked by 15cm of fractured, strongly hematitic	-	gradual, obscured by re-drilling
		147.00	147.30		Hematite rich zone	Small zone of strong hematite alteration marks upper contact of Gd-z.	5	0	0	0	0	0	diss, chunky	Red	0	0	0	0	0	0	0	0	3	0	0	2	0	0	0	0	0	pervasive, patchy																			
151.85	154.00			Vn	Dark to medium grey qtz-sulphide vein	Generally trending at 50 deg tca, consists of alternating bands of quartz (60%) with vfg disseminated sulphides, 23% semi-massive pyrite, 5% banded scorodite, 7% locally massive galena, and 5% clustered sphalerite. Sulphides vary from vfg to cg, and silica is crystalline. Varies from gouged to competent to vuggy. Subtle patches of sericite. Textures suggest hydrothermal fluid movement. After 152.74m sulphides become slightly less abundant, often in crackle textured stringers	25	1	7	2	0	5	vn	Dark to medium grey	3	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	banded	50	-	-	many	3	50	100		mineralized	qtz-sulphide	-	qtz-sulph vn	AG	sulphide veins	10	1	-	gradual, obscured by re-drilling	165	sharp
				Vn-z	Medium grey gouge	This portion is gouged/faulted and is slightly lighter grey then rest of vein, possibly a different lithology but texture is overprinted by faulting. 7% diss py.	7	0	0	0	0	0	diss	Medium grey																																					
154.00	154.80			BGd	Bleached, mineralized granodiorite	Moderately bleached creamy-white grandiorite, mineralized footwall altered by vein above. F-mg chl and alb grains with corroded grain boundaries, weak interstitial sericite. Rock is soft, weakly altered by clay. Contains f-mg 7% pyrite cubes and 1% arseno cubes disseminated along fabric at 135-145 deg tca, probably foliation, possibly weak shearing. 1% pyrite/arseno stringers create weak crackle texture, two cases of 1cm wide discontinuous pyrite clusters at 30 and 70 deg tca. Lower contact is marked by about 4cm of mineralized gouge, rock become competent after this point.	7	1	0	0	0	0	diss, foliated	Creamy white	0	3	0	2	0	0	0	0	0	0	0	2	0	0	2	2	0	replacement, interstitial	135-145	135-145	1	many	4	-	-	-	-	-	BGd	99	AG	py	1	1	165	sharp	30	sharp, gouge
154.80	164.94			Di	Diorite	Dark-grey-green diorite. Equigranular, m.g., 25% black pyroxenes, 30% biotite, 30% quartz, 5% epidote, 10% chlorite. Minor, splotchy hematite alteration also as stringers. Minor interstitial sericite. Weak pervasive silica alteration. 1% carb stringers usually at 50 deg tca (in line with fol), fairly sharp, late stage, sometimes associated with hem, epi, sil and chl. Trace disseminated pyrite, seldom chalcopyrite. Rock varies slightly in foliation intensity, looking like gneiss in some place and even schistose in others, foliation is generally at 40-50 deg tca. Chl alteration increases to strong in some minor patches.	0.5	0	0	0	0.1	0	diss	Dark-grey-green	2	0	0	1	1	0	0	0	1	0	0	3	0	2	0	0	0	pervasive	40-50	-	-	50	3	50	1	stringer	carb-sil-chl-hem-epi	-	-	-	-	-	-	-	30	sharp, gouge	n/a	EOH
		159.00				1-3cm white qtz veinlet at 140 deg tca, cross-cut and offset by carb-hem-chl 2mm veinlet at 20 deg tca.																																											
		160.60				15 cm chl gouge with 2-3cm diameter white calcite clasts.																																											
		162.50	163.35		Bleached hanging wall	Moderately bleached zone, creamy white in colour, altered by vein below. Moderate sericite, chlorite and albite alteration, one sericite stringer at 20 deg tca. Upper contact is sharp but fractured at 140 deg tca and is followed by 30cm of chl-hem-carb gouge, none mineralized with remnant dioritic texture. Splotches of diorite near gouge generally trending at 20 deg tca. Some weak crackles containing grey sil and sulphides.	1	0	0	0	0	0	stringers	Creamy white	0	3	0	3	0	0	0	0	3	0	0	3	0	0	3	1	0	pervasive	20	-	-	-	-	20	1	stringer	crackle/st ringer	ser or sil-py	-	-	-	-	-	-	140	sharp, fractured	40	sharp
		163.35	163.60	QzVn	Vein rock	Qtz+ser+py vein at 40 deg tca, true width ~11cm. Minerals are in bands up to 1cm, and late stage carbonates has created a crackle texture in some of the quartz.	5	0	0	0	0	0	vein	Grey-tan-creamy-white	3	1	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	vein	-	-	-	-	-	40	100	11cm	vein	sil-carb-ser-py	-	-	-	-	-	-	40	sharp	40	sharp
			164.05			Small qtz vein, true width 5cm at 20 deg tca with cross-cutting carb stringer at 120 deg tca. 15% round qtz phenos up to 4mm in diameter, in dioritic groundmass goes through center of vein, could be considered chaotic, rounded breccia. Hematite and chl also present interstitially.	0.1	0	0	0	0	0	diss	White and grey	4	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	vein	-	-	-	-	-	20	100	5	chaotic	sil-diorite-chl-hem	-	-	-	-	-	-	20	sharp	20	sharp
164.94					EOH																																											

Charlotte Project
DDH-11-254
Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	Actual Azimuth	Dip	Magnetic Field	Comments
16	4.88	46.6	69.1	-64.2	56627	
26	7.93	48	70.5	-64.4	58080	
36	10.98	46.6	69.1	-64.5	58463	
46	14.02	45.1	67.6	-64.6	58447	
56	17.07	43.3	65.8	-64.3	58279	
66	20.12	43.4	65.9	-64.2	58331	
76	23.17	43.7	66.2	-64.7	58373	erroneous removed from interpretation
86	26.22	41.7	64.2	-64.5	58193	erroneous removed from interpretation
96	29.27	43.3	65.8	-64.7	57786	
106	32.32	42.9	65.4	-64.7	58373	
116	35.37	43	65.5	-64.6	57964	
126	38.41	42.5	65	-64.6	58159	
136	41.46	42	64.5	-64.8	58176	
146	44.51	41.7	64.2	-64.8	58146	
156	47.56	41.4	63.9	-64.8	58166	
166	50.61	42.3	64.8	-64.8	58314	
176	53.66	40.6	63.1	-64.6	58112	
186	56.71	41.3	63.8	-64.9	58192	
196	59.76	42.3	64.8	-64.8	58304	
206	62.80	42	64.5	-65	58314	
216	65.85	42.2	64.7	-64.9	58315	
226	68.90	41.8	64.3	-64.7	58278	
236	71.95	42.2	64.7	-65.1	58348	
246	75.00	40.8	63.3	-64.9	58132	
256	78.05	41.6	64.1	-65.1	58107	
266	81.10	42	64.5	-65	58420	
276	84.15	41.9	64.4	-65	58313	
286	87.20	41.1	63.6	-64.9	58206	
296	90.24	42.1	64.6	-65	58288	
306	93.29	41.9	64.4	-65	58276	
316	96.34	41.9	64.4	-64.8	58280	
326	99.39	40.5	63	-65	58135	
336	102.44	40.7	63.2	-65	58197	
346	105.49	40.4	62.9	-64.7	58120	
356	108.54	41.5	64	-64.8	58274	
366	111.59	40.9	63.4	-64.7	58289	
376	114.63	41.6	64.1	-64.9	58341	
386	117.68	41	63.5	-65	58276	
396	120.73	40.2	62.7	-64.7	58123	
406	123.78	41.6	64.1	-64.7	58260	
416	126.83	41	63.5	-65	58165	
426	129.88	40.4	62.9	-64.9	58187	
436	132.93	42	64.5	-65	58349	
446	135.98	41.2	63.7	-65	58277	
456	139.02	42.2	64.7	-64.7	58187	
476	145.12	41.5	64	-64.8	58294	
486	148.17	40.5	63	-64.8	58119	
496	151.22	40.5	63	-64.9	58129	
506	154.27	40.4	62.9	-65.1	58137	
516	157.32	40.6	63.1	-64.9	58189	

Charlotte Project
DDH-11-254
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
3.04	4.55	1.51	1064604		Chl-Feldspar-Bio Schist	0.006	<0.1			
4.55	4.55		1064605	STD: CDN-MoS-1		0.006	0.2			
4.55	6.05	1.50	1064606		Chl-Feldspar-Bio Schist	0.018	0.5			
6.05	8.55	2.50	1064607		Chl-Feldspar-Bio Schist	0.094	<0.1			
8.55	11.60	3.05	1064608		Chl-Feldspar-Bio Schist	0.007	1.2			
11.60	14.65	3.05	1064609		Chl-Feldspar-Bio Schist	<0.005	<0.1			
14.65	15.40	0.75	1064610		Siliceous Vein	<0.005	<0.1			
15.40	16.20	0.80	1064611		Altered Schist	0.006	0.4			
16.20	17.00	0.80	1064612		Altered Schist	0.197	10.8			
17.00	18.00	1.00	1064613		Fault Zone	0.278	78.7			
18.00	19.00	1.00	1064614		Fault Zone	0.056	4.8			
19.00	19.00		1064615	Blank		<0.005	<0.1			
19.00	20.10	1.10	1064616		Fault Zone	0.018	1.3			
20.10	20.65	0.55	1064617		Brecciated Sulphide Schist	0.012	0.6			
20.65	21.65	1.00	1064618		Qtz-Feldspar Gneiss	<0.005	0.2			
21.65	22.50	0.85	1064619		Qtz-Feldspar Gneiss	<0.005	0.2			
22.50	23.85	1.35	1064620		Qtz-Feldspar Gneiss	<0.005	0.2			
23.85	25.10	1.25	1064621		Qtz-Feldspar Gneiss	0.013	0.4			
25.10	26.00	0.90	1064622		Qtz-Feldspar Gneiss	0.016	0.3			
26.00	26.90	0.90	1064623		Qtz-Feldspar Gneiss	0.008	0.2			
26.90	27.95	1.05	1064624		Qtz-Feldspar Gneiss	0.007	0.2			
27.95	29.20	1.25	1064625		Fault Zone	<0.005	<0.1			
29.20	30.20	1.00	1064626		Fault Zone	<0.005	<0.1			
30.20	31.20	1.00	1064627		Fault Zone	<0.005	<0.1			
31.20	32.20	1.00	1064628		Fault Zone	<0.005	0.1			
32.20	32.92	0.72	1064629		Fault Zone	<0.005	<0.1			
32.92	33.50	0.58	1064630		Mafic Gneiss	<0.005	<0.1			
33.50	34.70	1.20	1064631		Mafic Gneiss	<0.005	<0.1			
34.70	35.70	1.00	1064632		Mafic Gneiss	<0.005	<0.1			
35.70	36.70	1.00	1064633		Mafic Gneiss	<0.005	<0.1			
36.70	37.45	0.75	1064634		Mafic Gneiss	0.012	<0.1			
36.70	37.45	0.75	1064635	Duplicate	Mafic Gneiss	<0.005	<0.1			
37.45	38.30	0.85	1064636		Fault Zone	<0.005	<0.1			
38.30	39.00	0.70	1064637		Fault Zone	<0.005	<0.1			
39.00	39.65	0.65	1064638		Fault Zone	0.007	<0.1			
39.65	40.65	1.00	1064639		Bleached Gneiss	<0.005	<0.1			
40.65	41.65	1.00	1064640		Bleached Gneiss	<0.005	<0.1			
41.65	42.65	1.00	1064641		Bleached Gneiss	<0.005	<0.1			
42.65	43.65	1.00	1064642		Bleached Gneiss	<0.005	<0.1			
43.65	44.65	1.00	1064643		Bleached Gneiss	<0.005	<0.1			
44.65	45.70	1.05	1064644		Bleached Gneiss	<0.005	<0.1			
45.70	45.70		1064645	STD: PM 404		0.379	1.2			
45.70	46.70	1.00	1064646		Bleached Gneiss	0.005	<0.1			
46.70	47.70	1.00	1064647		Bleached Gneiss	<0.005	<0.1			
47.70	48.95	1.25	1064648		Bleached Gneiss	<0.005	<0.1			
48.95	50.40	1.45	1064649		Bleached Gneiss	0.167	<0.1			
50.40	51.80	1.40	1064650		Bleached Gneiss	<0.005	0.1			
51.80	53.20	1.40	1064651		Bleached Gneiss	0.007	0.1			
53.20	54.60	1.40	1064652		Qtz-Feldspar Porphyry	<0.005	0.3			
54.60	55.90	1.30	1064653		Qtz-Feldspar Porphyry	<0.005	<0.1			
55.90	56.95	1.05	1064654		Qtz-Feldspar Porphyry	<0.005	<0.1			
56.95	56.95		1064655	Blank		<0.005	<0.1			
56.95	57.95	1.00	1064656		Qtz-Feldspar Porphyry	<0.005	0.2			
57.95	59.10	1.15	1064657		Qtz-Feldspar Porphyry	<0.005	<0.1			
59.10	60.35	1.25	1064658		Bleached Gneiss	<0.005	0.1			
60.35	61.40	1.05	1064659		Bleached Gneiss	0.005	0.3			
61.40	63.06	1.66	1064660		Bleached Gneiss	<0.005	0.1			
63.06	64.11	1.05	1064661		Qtz-Feldspar Porphyry	<0.005	<0.1			
64.11	65.80	1.69	1064662		Qtz-Feldspar Porphyry	<0.005	<0.1			
65.80	67.40	1.60	1064663		Qtz-Feldspar Porphyry	<0.005	0.1			
67.40	68.50	1.10	1064664		Qtz-Feldspar Porphyry	0.012	0.2			
68.50	70.00	1.50	1064665		Qtz-Feldspar Porphyry	<0.005	0.6			
70.00	71.50	1.50	1064666		Qtz-Feldspar Porphyry	<0.005	<0.1			
71.50	73.00	1.50	1064667		Qtz-Feldspar Porphyry	<0.005	<0.1			
73.00	75.20	2.20	1064668		Qtz-Feldspar Porphyry	<0.005	<0.1			

Charlotte Project
DDH-11-254
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
75.20	76.70	1.50	1064669		Fault Zone	<0.005	<0.1			
76.70	78.00	1.30	1064670		Fault Zone	<0.005	<0.1			
78.00	79.50	1.50	1064671		Fault Zone	<0.005	<0.1			
79.50	80.40	0.90	1064672		Fault Zone	0.007	<0.1			
80.40	81.50	1.10	1064673		Mafic Gneiss	<0.005	<0.1			
81.50	82.50	1.00	1064674		Mafic Gneiss	<0.005	<0.1			
81.50	82.50	1.00	1064675	**Duplicate**	Mafic Gneiss	<0.005	<0.1			
82.50	84.40	1.90	1064676		Mafic Gneiss	<0.005	<0.1			
84.40	85.50	1.10	1064677		Granodiorite	<0.005	<0.1			
85.50	87.00	1.50	1064678		Granodiorite	<0.005	<0.1			
87.00	87.98	0.98	1064679		Bleached Gneiss	<0.005	<0.1			
87.98	89.00	1.02	1064680		Bleached Gneiss	0.037	0.5			
89.00	89.70	0.70	1064681		Bleached Gneiss	0.091	0.8			
89.70	90.10	0.40	1064682		Bleached Gneiss	0.608	13.4			
90.10	91.40	1.30	1064683		Bleached Gneiss	0.090	2.5			
91.40	92.25	0.85	1064684		Bleached Gneiss	0.032	0.8			
92.25	92.25		1064685	**STD: PM 923**		6.226	80.2			
92.25	93.10	0.85	1064686		Granodiorite	0.480	15.2			
93.10	94.10	1.00	1064687		Granodiorite	0.537	41.9			
94.10	95.16	1.06	1064688		Granodiorite	0.846	9.0			
95.16	96.50	1.34	1064689		Qtz-Feldspar Porphyry	0.289	3.4			
96.50	97.20	0.70	1064690		Qtz-Feldspar Porphyry	0.383	2.0			
97.20	97.80	0.60	1064691		Massive Sulphide Vein	>10.000	>100.0	28.4	>300	674
97.80	98.50	0.70	1064692		Massive Sulphide Vein	>10.000	>100.0	16.9	>300	427
98.50	99.97	1.47	1064693		Sulphide Veins	1.438	>100.0			141
99.97	100.90	0.93	1064694		Sulphide Veins	1.536	>100.0			90
100.90	100.90		1064695	**Blank**		<0.005	0.5			
100.90	101.50	0.60	1064696		Vein	0.891	57.9			
101.50	102.80	1.30	1064697		Granodiorite	1.068	>100.0			120
102.80	104.00	1.20	1064698		Granodiorite	1.873	>100.0			106
104.00	104.80	0.80	1064699		Sulphide Vein	3.561	>100.0		291	
104.80	106.09	1.29	1064700		Mineralized Clay Gouge	0.353	11.7			
106.09	107.35	1.26	1064701		Mineralized Clay Gouge	0.242	2.5			
107.35	108.85	1.50	1064702		Qtz-Feldspar Porphyry	0.758	62.9			
108.85	110.00	1.15	1064703		Qtz-Feldspar Porphyry	0.330	12.4			
110.00	111.25	1.25	1064704		Qtz-Feldspar Porphyry	0.083	3.5			
111.25	112.65	1.40	1064705		Qtz-Feldspar Porphyry	0.088	1.4			
112.65	112.65		1064706	**STD: PM 925**		>10.000	>100.0	11.5		
112.65	113.95	1.30	1064707		Qtz-Feldspar Porphyry	0.101	2.2			
113.95	114.95	1.00	1064708		Qtz-Feldspar Porphyry	0.187	5.4			
114.95	116.00	1.05	1064709		Qtz-Feldspar Porphyry	0.058	1.6			
116.00	117.20	1.20	1064710		Qtz-Feldspar Porphyry	0.044	2.9			
117.20	118.00	0.80	1064711		Limonite Altered QFP	0.045	1.2			
118.00	119.05	1.05	1064712		Limonite Altered QFP	0.618	32.2			
119.05	120.60	1.55	1064713		Limonite Altered QFP	0.458	24.6			
120.60	121.75	1.15	1064714		Dark Grey Silicified Breccia	2.179	>100.0			102
121.75	121.75		1064715	**Blank**		<0.005	0.1			
121.75	122.75	1.00	1064716		Hydrothermal Breccia	0.718	15.7			
122.75	124.10	1.35	1064717		Limonite Altered QFP	1.016	23.6			
124.10	125.30	1.20	1064718		Crackle Breccia	1.804	38.1			
125.30	126.20	0.90	1064719		Crackle Breccia	0.098	2.4			
126.20	127.50	1.30	1064720		Altered Gneiss	0.009	0.2			
127.50	129.00	1.50	1064721		Biotite Schist	0.059	<0.1			
129.00	130.50	1.50	1064722		Biotite Schist	0.069	<0.1			
130.50	132.00	1.50	1064723		Biotite Schist	0.025	0.1			
132.00	133.50	1.50	1064724		Biotite Schist	0.057	<0.1			
133.50	134.50	1.00	1064725		Biotite Schist	<0.005	<0.1			
134.50	134.50		1064726	**STD: PM 436**		0.380	0.2			
134.50	134.85	0.35	1064727		Limonite Altered QFP	0.023	0.2			
134.85	136.35	1.50	1064728		Limonite Altered QFP	0.019	1.5			
136.35	138.10	1.75	1064729		Limonite Altered QFP	<0.005	1.0			
138.10	139.63	1.53	1064730		Diorite	0.007	<0.1			
139.63	141.10	1.47	1064731		Diorite	0.011	<0.1			
141.10	142.25	1.15	1064732		Diorite	0.014	<0.1			
142.25	143.25	1.00	1064733		Diorite	<0.005	<0.1			

Charlotte Project
DDH-11-254
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
143.25	144.75	1.50	1064734		Faulted Diorite	0.005	<0.1			
143.25	144.75	1.50	1064735	**Duplicate**	Faulted Diorite	<0.005	<0.1			
144.75	145.55	0.80	1064736		Faulted Diorite	0.033	0.8			
145.55	147.00	1.45	1064737		Foliated Granodiorite	0.434	2.9			
147.00	148.60	1.60	1064738		Granodiorite Gouge	0.063	0.2			
148.60	149.70	1.10	1064739		Granodiorite Gouge	0.469	1.8			
149.70	150.60	0.90	1064740		Granodiorite Gouge	0.792	6.9			
150.60	151.85	1.25	1064741		Granodiorite Gouge	1.938	11.2			
151.85	152.80	0.95	1064742		Qtz-Sulphide Vein	>10.000	>100.0	9.9		279
152.80	154.00	1.20	1064743		Qtz-Sulphide Vein	2.754	20.6			
154.00	155.50	1.50	1064744		Bleached Granodiorite	0.206	1.3			
155.50	157.00	1.50	1064745		Diorite	0.020	0.1			
157.00	157.00		1064746	**STD: CU 157**		0.833	14.1			
157.00	158.55	1.55	1064747		Diorite	0.018	0.3			
158.55	160.00	1.45	1064748		Diorite	0.009	<0.1			
160.00	161.50	1.50	1064749		Diorite	0.009	<0.1			
161.50	162.50	1.00	1064750		Diorite	0.010	0.1			
162.20	163.60	1.40	1064751		Diorite	0.007	0.1			
163.60	164.94	1.34	1064752		Diorite	<0.005	<0.1			
164.94	EOH									

Charlotte Project
DDH-11-255
Drill Log Cover Sheet and Summary

Hole Id:	**DDH-11-255**		
Property:	**Charlotte**	Logged By:	**N.Struyk, A.Paquet, T. Dyakowski**
Area:	**Flex**	Date Logged:	**June 12-18, 2011**
Client:	**Ansell Capital Corp.**		

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	**NAD83, Zone 8**		
Easting:	**386654.93 mE**	Azimuth:	**078 ^{0}**
Northing:	**6881925.73 mN**	Dip:	**-65 ^{0}**
Elevation:	**1346.15 m**	Length:	**190.2 m**

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	**386649 mE**	Azimuth:	**078 ^{0}**
Northing:	**6881920 mN**	Dip:	**-65 ^{0}**
Elevation:	**1350 m**	Length:	**150 m**

Drilling Information:

Contractor:	**DJ Drilling**
Core Diameter:	**HQ**
Start Date:	**10-Jun-2011**
End Date:	**12-Jun-2011**
Casing In:	**No**
Casing Capped:	**No**
Units:	**Metric**

Hole Objective:
25m step-out to test the westward, down plunge extension of the zone intersected in hole DDH-10-249.

Note: Box 47 was dropped after logging/photographing but prior to sampling from 141.62-145.40m.

Hole Summary:
The hole collared into gneiss which continues to 81.55 metres. The composition of the gneiss varies from bleached to mafic and is sometimes more schistose than gneissic. This interval is variably faulted which has caused varying degrees of bleaching and alteration by clay, silica, sericite and minor chlorite, hematite and scorodite. This hole intersected less intrusive bodies than in DDH-11-254, but still terminated in diorite. A feldspar porphyry occurs from 81.55-83.30 metres and is immediately followed by a 4.60 metres fault zone strongly altered by limonite. From 86.90 metres to EOH the hole intersected an interfingering of granodiorite, mafic gniess and bleached gniess. A quartz vein containing 30% semi-massive pyrite occurs at 108.70-109.80 metres and a grey-black sulphide and clay rich vein occurs at 131.95-132.70 metres with at least 10% pyrite, 1% arsenopyrite and as much as 5% very fine grained unknown sulphides. The upper part of the hole, above the mineralization has numerous faults and rubble zones. The two main faults are between 35.67 and 44.2 metres and 83.3-89.9 metres. The hole is weathered to 80 metres where limonite staining is no longer dominating the filling of fractures.

Lithology Summary

From	To	Lith	Comment
0.00	6.10	**CAS**	
6.10	6.30	**OB**	
6.30	15.84	**MGn-z**	
15.84	20.51	**MGn**	
20.51	21.34	**Sch**	
21.34	23.47	**Gn-z**	
23.47	26.21	**MGn**	
26.21	35.67	**BGn**	
35.67	39.25	**Gn-z**	
39.25	40.25	**MSch**	
40.25	42.50	**MGn-z**	
42.50	44.20	**FGn-z**	
44.20	46.63	**Gn**	
46.63	49.26	**BGn**	
49.26	50.60	**BGn-z**	
50.60	59.20	**BGn**	
59.20	64.40	**Gn-x**	
64.40	70.60	**BGn**	
70.60	77.80	**Gd-z**	
77.80	80.55	**BGn?**	
80.55	81.55	**BGn-x**	
81.55	83.30	**FP?-x**	
83.30	86.90	**FZ**	
86.90	88.20	**Gd-z**	
88.20	89.90	**Di-z**	
89.90	95.30	**MGn**	
95.30	102.92	**BGn**	
102.92	108.70	**Gd**	
108.70	109.80	**Vn**	
109.80	123.40	**Gd**	
123.40	131.95	**Gd-x**	
131.95	132.70	**Vn**	
132.70	135.50	**Gd-x**	
135.50	139.62	**BX**	
139.62	158.15	**QFP**	
158.15	174.40	**Gd-z**	
174.40	179.30	**Gn/Gd**	
179.30	184.70	**Gd-z**	
184.70	190.20	**Di**	
190.20		**EOH**	

Charlotte Project
DDH-11-255
Detailed Log

Hole Id: DDH-11-255
Logged By: N. Struys, A. Paquet, / Dyskowski

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization							Alteration										Foliation	Shearing		Fractures		Veins			Brecciation				Upper Contact		Lower Contact	
From	To	From	To	Code			Py%	Asp%	Grn%	Sph	Cp%	FSx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	Intensity	to CA	Intensity	to CA	%Vn	Width	Type	Minerals	Clasts	%Clasts	Rounding	Matrix	%Matrix	Intensity	to CA	Desc	to CA	Desc
0.00	6.10			CAS	Casing																																									
6.10	6.30			OB	Overburden	Boulders																																										
6.30	15.84			MGn-z	Foliated weathered, biotite rich gneiss	Dark-grey with greenish hue, foliated biotite-rich gneiss, locally quite schistose. Strong weathering, fracturing and limonite alteration makes protolith difficult to determine. Foliation at 115-130 deg tca, schistosity observed on fresh fractures when found, primarily black-biotite with brownish-weathered muscovite, possible sericite and chlorite. Thin (mm scale) leucosomes of qtz-feldspar? up to m.g. but often altered to sericite-limonite.	0	0	0	0	0	0		Dark-grey with greenish hue	1	0	0	1	0	0	0	4	0	0	0	3	0	0	0	0		115-130	115-130	1	many	5															
		8.25	8.45			White qtz vein, fragmented, f.g., minor hematite, no observed mineralization, angle and true width impossible to determine due to fractured/fragmented nature.																																										
		14.00	14.63	Gn-x		Weak crackle brecciation, fracture infilled with lim and clay?																																									
15.84	20.51			MGn	Black aphanitic moderately gneissic mafic volcanic flow?	This unit is difficult to indentify, particularly the upper 1.6m. Moderately to strongly gneissic volcanic flow(?). The matic intervals are very hard. Locally it has strong gneissic texture with felsic and matic components separating out at 60 deg tca. Small (<0.5mm) feldspar phenocs can be seen in the matic intervals. Felsic intervals are a minor component of the unit and have been altered to limonite or limonite stained. Trace pyrite. Thin (<0.5mm) stringers of qtz cross cut unit at irregular angles, enveloped with wispy pale yellow-green sericite. Rare qtz +-albite veins. The qtz fracture coating gives the unit a brecciated appearance.	1	0	0	0	0	0	0	dark grey to black	2	-	-	-	0	0	0	2	0	0	0	0	0	0	0	0	0	60	-	-	40-60	2	-	,1	<1mm	wavy	qtz	-	-	-	-	-	-	-	broken	55	broken
		15.84	17.48			Decreasing amount of limonite coated fractures and broken rock.																																										
20.51	21.34			Sch	matic schist	Similar to the matic bands seen in the upper unit. Could be a matic volcanic flow (?). Very fine grained with chlorite, feldspar and biotite. Weak schistocity at 55-65 deg tca. Fractures are coated with chlorite. No sulphides seen. Minor interstitial felsic bands at 55-60 deg tca, moderately anastomosing: most have been hematite or limonite altered. Minor veinlets cross-cut unit.	0	0	0	0	0	0	0	dark green-gray	2	-	-	1	-	-	-	1	0.5	?	0	3	0	0	2	0	pervasive	55-65	55-60	2	70	1	irregular	1	irregular	wavy	qtz+feldspar	-	-	-	-	-	-	55	broken	30	sharp
21.34	23.47			Gn-z	Gneiss	Strongly faulted and altered moderately foliated gneiss. Strongly limonitic. 70% gouge and clay, 30% small <5cm broken core making it difficult to determine protolith. No distinguishing structure. Broken qtz veins seen sporadically.	1	0	0	0	0	0	0	disseminated	orangy brown	0	4	0	0	0	0	0	4	0	0	0	0	0	0	0	pervasive	-	-	-	-	-	-	1-2	-	-	qtz	-	-	-	-	-	-	-	broken	-	Broken
23.47	26.21			MGn	Gneiss	Dark green to black moderately gneissic. Similar to matic gneiss between 15.84-20.51m except increase in up to 1.5cm of qtz veins and broken qtz veins.	1	0	0	0	0	0	0	disseminated	dark green-gray	2	0	0	1	0	0	0	2	0	?	0	2	0	0	1	0	pervasive	55-65/150	135	1	50-60	1	irregular	2	1.5cm	irregular	qtz+feldspar +-limonite+/- relict py	-	-	-	-	-	-	-	Broken	-	broken and gougey
		23.47	24.00			Very broken rock.																																									
		23.53	24.10	Vn	quartz vein	Dirty quartz vein, cream white to dark grey. Very broken, no visible sulphides, weakly limonitic.																																									
26.21	35.67			BGn	Bleached Gneiss	Bleached cream white to tan coloured limonite/goethite stained moderately foliated gneiss. Thin qtz lenses are elongated and parallel to foliation at 55 deg tca. Short intervals of phenocryst rich intrusive up to 50cm with very weak foliation, interfinger the gneiss.	1	0	0	0	0	0	0	disseminated	tan to cream white	0	5	1	1	0	0	0	1	0	0	0	1	0	0	0	3	pervasive	55/135	55/135	2	irregular	1	55/135	2	irregular	irregular	qtz	-	-	-	-	-	-	-	broken and gougey	140	sharp/faulted
		26.21	27.09			Very broken rock, weakly faulted.																																									
		29.26	29.83			Increase in broken and lenticular qtz veins/pods, up to 2cm.																																									
		29.87	29.93			Gouge.																																									
		30.55	31.05			Weakly gneissic phenocryst rich interval.																																									
		30.72	33.70			5mmx1cm long chlorite lenses sporadically seen in the core.																																									
		31.05	31.17			100% gouge.																																									
		33.65	33.75			Weakly gneissic phenocryst rich interval.																																									
35.67	39.25			Gn-z	Faulted Gneiss	Fine grained moderately gneissic (volcanic in origin?) black to grey rock. Not as matic as seen above. Extremely broken and faulted with up to 10% gouge. Short intervals can be seen of host rock. Strongly limonitic, weakly Mn stained along fractures.	0.5	0.5	0	0	0	0	0		grey to black	1	0	1	1	0	0	0	4	0	0	0	1	0	0	0	0	pervasive	45	-	0	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	140	sharp/faulted	50	sharp/faulted
		39.01	39.25			Strongly silicified interval.																																									
39.25	40.25			MSch	Matic Schist	Chlorite-biotite siliceous schist. Moderate schistocity at 140 deg tca, sericite and weak scorodite can be seen along fractures. Trace sulphides - very hard to identify properly. Looks like a finer grained extrusive (Andesite?) or a finer grained version of the diorite seen at the end of 254m. Very hard. Huge (up to 5cm) pale yellow to grey quartz veins with Mn-staining. Hairline fractures at 150 deg tca.	0.5	0.5	0	0	0	0	0	disseminated	grey to black	4	0	1	1	1	0	0	2	1	0	0	3	0	0	0	0	fracture controlled	135	-	0	140/50	1	irregular	10	5cm	anastomosing/broken	qtz+/-scor+/-chl+/-felds	-	-	-	-	-	-	50	sharp/faulted	50	sharp/faulted
40.25	42.50			MGn-z	Faulted Matic Gneiss	Extremely faulted biotite matic Gneiss. 70% broken rock and gouge, less gougy below 42.4m.	0.5	0.5	0	0	0	0	0	disseminated	orangy brown	1	0	1	1	0	0	0	5	0	0	0	1	0	0	0	0	pervasive	-	-	-	intense	5	-	-	-	-	-	-	-	-	-	-	-	-	50	sharp/faulted	-	faulted
		42.06	42.25			Increase in phenocrysts.																																									
42.50	44.20			FGn-z	Faulted Felsic Gneiss	Moderately faulted felsic Gneiss. Contact with upper gneiss is sharp (could it be a conformably overlain matic volcanic flow?). Thin 0.5cm qtz bands.																																									
		43.80	44.20			Silica flooded. More phenocryst rich texture.																																									
44.20	46.63			Gn	Gneiss	Grey gneiss with well developed gneissic texture at 35-40 deg tca. Biotite and amphiboles make up the matic component with feldspar and quartz comprising the felsic component. The unit grades and out of matic to felsic appearance, although overall it is more felsic in nature. Fractures are moderately coated in limonite. Minor chlorite, with trace disseminated py and arseno. Sericite wisps are seen along foliation planes.	0.5	0.5	0	0	0	0	0	disseminated	grey to black	3	0	1	2	0	0	0	2	0	0	0	2	0	0	0	0	pervasive	0-80	-	-	irregular	4	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	-	Broken
		44.70	45.15			Pale tan quartz vein?/dyke crosscutting unit.																																									
			45.55			Gneissic bands fold and bend from 0-80 deg tca.																																									
46.63	49.26			BGn	Bleached Gneiss	White to tan moderately well banded gneiss. The clay alteration gives the unit a bleached appearance. No relict matic minerals remain. Locally <1mm phenocrysts can be seen within the lesser gneissic intervals. Silica/quartz veins crosscut (>10cm) the unit. At 47.6m a matic gneiss clast appears to be entrained between the BGn and the quartz vein. Unit is fairly broken and fracture surfaces are moderately strong limonized. Limonite appears to have also replaced py? crystals and veins within the host rock. Locally 5% gouge. Most fracture surfaces have Mn oxide staining, much of which is dendritic in form.																																									
49.26	50.60			BGn-z	Faulted Bleached Gneiss	Faulted bleached Gneiss unit seen above and below. 40% gouge with 60% very broken rock. Strong limonite coatings to all fractures.																																									
50.60	59.20			BGn	Bleached Gneiss	Similar to the bleached Gneiss seen above the fault, but with better defined gneissosity. Small 1-3mm quartz lenses are parallel to gneissosity at 105 deg tca (at 55m)/ 55 deg tca (57m). Short intervals of gouge lined fractures with increased limonite staining. Intervals with lesser silica and scorodite alteration have a more granular (sedimentary) appearance. Silica alteration fade out over last few meters.	0.5	0	0	0	0	0	0		tan to cream white	4	0	3	2	0	0	0	3	0	0	0	3	0	0	0	3	patchy	55/105	-	-	irregular	3	irregular	1	<0.5cm	planar	clay +/-qtz+/- lim+-py	-	-	-	-	-	-	-	faulted	60	broken
		50.60	53.75			Scorodite alteration in patches with moderate limonite as envelopes around fractures.								greenry brown	2	3	3	1	0	0	0	3	0	0	0	0	0	0	0	0	patchy																					
		56.40	59.00			Increase in pyrite and lesser sphalerite along fractures. Mn staining also along fractures appears during this interval.																																									
59.20	64.40			Gn-x	Brecciated gneiss	Brecciated rock with orange-brown m.g. limonite-hematite-clay altered matrix making up 65% (up to 100% locally) of the rock, clasts are white to grey BGn (same as above). Clasts are sub angular and have limonite altered edges (fade from brown to white over <1cm). Matrix assumed to be gneiss but strong limonite overprint obscures originally mineral assemblage, Moderate foliation generally trends at 103 deg tca, and cuts across both matrix and clasts suggesting that brecciation occurred before the main deformation event. Chl splotches up to 5cm with faded boundaries are seldom seen. Trace disseminated pyrite and arseno.	0.5	0.1	0	0	0	0	diss	Light-grey, orange-brown and white	1	1	0	1	0	0	0	4	2	0	0	1	0	0	1	2	pervasive, patchy, interstitial	130	-	-	50-60, 20	3	~40	0.1	2cm	discontinuous, brecciated	silica	BGn	<35	SA	lim-hem-clay	65	5	60	broken	130	Straight, grades over 1cm
64.40	70.60			BGn	Bleached Gneiss	Same as 50.60-59.20m, slightly browner due to more limonite, subtle to no silica alteration. Dendritic MgO seen occasionally on fractures. No mineralization. Foliation at 135 deg tca.	0	0	0	0	0	0		tan	1	3	0	2	0	0	0	4	0	0	0	0	0	0	0	3	patchy	135	-	-	irregular	3	irregular	0.5	<0.5cm	discontinuous OR dendritic	quartz OR MgO	-	-	-	-	-	-	130	Straight, grades over 1cm	-	fractured, gradual
		66.00	67.15	BGn	Bleached gneiss with porphyritic texture	20% clay altered phenocrysts up to 4mm in diameter. 1% blebby pyrite and arseno, moderate silica-sericite alteration as translucent-green-yellow bands (veins? leucosomes?). Brown limonitic clay is moderate and interstitial. Bleaching is weak and splotchy.																																									
			66.80	BGn-z	15 cm of gouge	Gouge with quartz fragments up to 1cm in diameter.																																									
		67.15	67.80			Area of aphanitic intense albite alteration (light coloured and translucent over whole interval) subsequently altered by clay (moderately soft). 15% phenocrysts entirely replace by white clay. Weak interstitial sericite? Medium grey pyrite rich stringers at 140, 140 and 160 deg tca, scattered. Pyrite also 0.5 disseminated throughout. Trace lim healed fractures, with small lim halos, irregular.	1	0	0	0	0	0	stringers, disseminated	Light grey	2	0	0	2	0	0	0	2	0	0	0	0	0	4	4	pervasive	-	-	-	140	3	irregular	2	<1mm	stringers	py OR lim	-	-	-	-	-	-	-	fractured, gradual	-	fractured, abrupt change in texture
70.60	77.80			Gd-z	Orangy-brown granodiorite	Strongly limonite altered c.g. granodiorite, with up to 50% phenocrysts altered to whitish-orange lim-clay. When competent, moderate interstitial silica foliated at 60 deg tca with slight gneissic appearance. Frequently faulted to limonite-clay gouge. More competent portions are moderately fractured with MgO along surfaces, occasionally massive. 2% stringers vary from MgO to pyrite to sericite. Weak interstitial sericite. Occasionally 1cm bands of greenish translucent fg silica and sericite? aligned with foliation.	0.5	0	0	0	0	0	diss, stringers	Orangy-brown	3	2	0	2	0	0	0	3	0	0	0	0	0	2	2	pervasive	60	-	-	30, 50, 60, 130	4	irregular	2	<1mm	stringers	py, MgO or sericite	-	-	-	-	-	-	-	fractured, gradual	-	fractured, abrupt change in texture
		74.05	74.70	Gd	White granodiorite	Limonite alteration decreases and becomes patchy, phenos are altered to white clay. Area with less limonite staining have up to 1% disseminated pyrite. Bit of interstitial chl.	1	0.1	0	0	0	0	0	White	3	2	0	2	0	0	0	2	0	0	0	0	0	2	3	pervasive																					
		75.65	76.20	Vn		Medium grey quartz vein with sections of white Gd in center at 135 deg tca, 1% disseminated pyrite. Cutting through vein are 2% dark-grey py-sl veinlets and stringers at 169 deg tca and 149 deg tca respectively. Chaotically brecciated for 4cm after upper contact. 3% limonite healed fractures at no particular orientation.	3	0.1	0	0	0	0	diss, stringers	medium grey																	-	-	-	70	4	135	60	0.55m	chaotic	sil-py-lim-Gd	lim-grey-sil	50	AG	white sil	50	5	130	Sharp, followed by 4cm of brecciation	145	Sharp followed by 20 cm of gouge
77.80	80.55			BGn?	Tan to cream white bleached gneiss	Tan to cream white bleached gneiss. Several patches about 10cm wide of silica flooded rock, possibly veining but seem to be alteration. Main foliation trends at 60 deg tca but is often anastomotic. Moderate limonite and clay alteration as well as scattered bands of scorodite?/chl? alteration obscures original texture making protolith difficult to determine. Some remnant qtz leucosomes are present. Trace disseminated pyrite.	0.1	0	0	0	0	0	diss	tan to cream white	3	2	1	1	0	0	0	3	2	0	0	1	0	0	1	2	banded, patchy	60	-	-	many	4	-	-	-	-	-	-	-	-	-	-	-	-	145	Sharp, 20 cm of gouge	70	patchy
80.55	81.55			BGn-x	BGn with fingers of Gd and MGn	Rapidly changing rock, interfingered BGn, Man, Gd and silica clasts and veins. Minor scorodite and chlorite. In a portion of BGn, two parallel stringers of white clay 1cm apart are joined by perpendicular "steps" space 1.5cm apart, like a ladder. The Gn seems to be a clast within the BGn. 1% pyrite/arseno as very small stringers (<1cm long, <1mm wide) clustered and parallel to one another at 120 deg tca and typically in BGn portion of interval.	0.5	0.1	0	0	0	0	discontinuous stringers	Alternating dark-grey, white, orangey-brown	2	2	1	2	0	0	0	1	0	0	0	2	0	0	2	2	patchy	120	-	-	70,120	3	115	7	5cm	sharp	silica with irregular bands of chl-ser	MGn, Gd	50	SR	50	BGn	4	70	patchy	-	patchy, gradual
81.55	83.30			FP?-x	Brecciated altered rock with 15% phenocrysts and hem-clay altered, gneissic matrix	15% phenocrysts altered to white clay, mg gneissic matrix altered to chl and hem, possibly some scorodite. Grains are at best sporadically aligned. Scattered albite-chl clasts up to 4cm in diameter with chl halo. Irregular stringers of soft white glassy mineral, possibly clay, possibly white sericite, some stringers are ser?-sil?-chl? often discontinuous and/or with obscured edges. 1-5% vfg disseminate pyrite. Like above the lithology, or at least the alteration seems to change on a 5-10cm basis. Weathering a alteration by hem-ser-clay-lim and chl obscures much of original texture. A few subrounded clasts of chlorite are scattered about. Chaotic texture, most likely a porphyritic flow.	1	0.5	0	0	0	0	diss	pinkish-greyish brown	0	1	1	2	0	0	0	2	3	0	0	2	0	0	0	2	chaotic	-	-	-	many	4	irregular, many	10	<3mm	obscured edges to sharp	clay? ser?-chl?-sil?	chl	3	SR	97	FP?	5	-	patchy, gradual	-	grad, fractured
83.30	86.90			FZ	Dark brown faulted rock	Zone of strong fracturing and strongly limonite alteration, friable, fresh surfaces are rarely available. Seems to gradually change from the above unit into matic gneiss then into Gd, with scatted chunks of siliceous material, possibly veins. Greenish hue on several fracture planes are possibly scorodite alteration or chl. Rare splotches of hematite rimmed chl. Trace pyrite and chalcopyrite disseminated throughout.	0.1	0	0	0	0.1	0	diss	medium brown	2	0	2	2	0	0	0	4	2	0	0	2	0	0	1	1	fractured, pervasive	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	grad, fractured	-	fractured
			85.64		Grey clay	Som gouge of grey kaolinite, very thick-massive clay (easily moulded) unlike typical bleached-white-friable clay seen in these holes. Lower contact is sharp and at 30 deg tca, upper is obscured by fracturing.																																									
		85.05	85.90	DI?-z	Dark grey with dark brown DI?	Again highly fractured and friable but distinct colour change and m.g. texture suggests diorite lithology.																																									
		85.90	86.90	Gd-z?		Medium greenish-grey brown, limonite alteration makes protolith difficult to determine.																																									
86.90	88.20			Gd-z		C.g. granodiorite, with up to 50% phenocrysts 1-3mm, whitish-orange colour. Qtz grains remain but feldspars have been altered to white clay and/or limonite (in patches. Crackle brecciated texture with white clay infilling patchy fracture making unit weakly friable. Somewhat competent before 87.60m, after the rock becomes very broken up again. Weak hematite and moderate white clay seen on fractures, which have no preferred orientation and occasionally have sickenside-like appearance. Trace pyrite clusters, often oxidized. Scattered patches of fragmental silica.	0.5	0	0	0	0	0	clusters	creamy orange	2	3	1	1	0	0	0	3	2	0	0	1	0	0	2	2	fractured, patchy	-	-	-	-	4	-	-	-	-	-	Gd	90	AG	cly(-lim)	10	2	-	fractured	-	fractured
88.20	89.90			DI-z	Very friable, faulted Diorite	Medium grey, mg, with 50% altered to grey clay and 50% altered to white clay. Grains can be pressed together to form homogeneous grey clay mixture. Has diioritic appearance, mg, equant with half white and half dark mineral. Rock is highly fractured and friable. Becomes lighter in colour with depth.	0	0	0	0	0	0		medium grey	0	0	0	0	0	0	0	0	2	0	0	0	1?	0	0	0	4	pervasive	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	fractured	-	fractured
		89.61	89.90	Gd-z		Same as lower, fractured portion of 85.90-86.9m.																																									
89.90	95.30			MGn	Weathered matic gneiss	Weathered, dark-grey matic gneiss, generally foliated at 50 deg tca. Moderate limonite on fractures, weakly friable. Black chlorite is strong and pervasive. Minor splotches of hematite alteration. Patches of strong silica alteration, qtz leucosomes occasionally have anastomotic texture. Trace, late stage carbonate stringers, occasionally associated with increased limonite alteration along contact. Up to 20% qtz leucosomes (some may be veins). Trace to 3% pyrite clusters, interstitial.	1	0.1	0	0	0	0	clusters	dark grey	2	0	0	0	1	0	0	2	1	0	0	4	0	0	1	0	pervasive	50	-	-	-	4	120	0.1	stringer	late stage	carb	-	-	-	-	-	-	-	fractured, followed by 30cm of silica alteration	-	grad, patchy
		91.00	92.00	BGn-z		Zone of strong fracturing and strong clay alteration, bleached.																																									
95.30	102.92			BGn	Bleached Gneiss	Weakly to moderately bleached gneiss. Sericite, chlorite and limonite on many fractures, moderate sericite, white clay and chl in m.g. groundmass. Sickly green-yellow-brown colour. Greenish alteration possibly montmorillonite? Foliation generally trends 50 deg tca and is often overprinted by bleaching and moderate splotchy limonite staining. 3% discontinuous irregular stringers are occasionally vuggy and contain lim ,sil,-sulphides or white clay.	0.1	0	0	0	0	0	diss	Sickly green-yellow-brown	2	3	0	2	0	0	0	3	1	0	0	2	0	0	0	3	pervasive	50	-	-	-	3	irreg	3	stringer	discontinuous	lim, clay, sil or FSx	-	-	-	-	-	-	-	grad, patchy	50	fairly sharp
		96.40	97.77		Veined BGn	Upper contact at 50 deg tca, minor banded hematite. Zone of strong silicification, and 5% sulphide veining. Patchy limonite alteration is still moderate, BGn texture is generally consistent with the exception of 5% phenocrysts altered to white clay (e.g. weakly porphyritic). Scattered regions of bleached clay, on such section contains a splayed veinlet 1cm wide with sphalerite and dark grey vfg sulphide.	5	0	0	0.1	0	1	veins	light grey with brown	4	3	0	2	0	0	0	3	1	0	0	0	0	0	0	2	pervasive	50	-	-	-	3	120, 45	5	2mm-1cm	splayed	py-shp-vfg sulphides	-	-	-	-	-	-	50	banded, grades over 2cm, contains hem	-	Recovery error?
						Note: seems that 1m of core was not recovered in the vicinity, from 97.7 to 98.85m there is no record.																																									
		98.85	99.58	BGd		Grain size increase to cg, possibly cooled slower, but probably is incorporation of Gd bellow due to sharp irregular contact. Weak foliation at 120 deg tca defined by very narrow (<0.5mm) qtz bands and by very narrow, discontinuous py+dark grey sulphides, 3% total, mostly pyrite, some arseno some to fg to tail. Trace disseminated pyrite. 1% sil-chl-py stringers at 60, 70 and 80 deg tca.	2	0.1	0	0	0	1	narrow discontinuous bands, disseminated	greyish white	0	3	0	0	0	0	0	0	0	0	0	2	0	0	2	3	pervasive																					
		99.58	102.92	Gn		Increase is chlorite alteration, possibly matic gneiss prior to alteration event(s). Strongly silica altered. 3% pyrite and/or silica stringers often in line with foliation at 60 deg tca, sometimes oblique at 140 deg tca.	0.1	0	0	0	0	0	diss	white with greenish-grey tint	4	3	0	2	0	0	0	3	1	0	0	3	0	0	0	3	pervasive																					
102.92	108.70			Gd		Could be logged as FP, white clay altered cg (<5mm) phenocrysts up to 50%, Greyish-white, with common grain orientation/foliation at 50-60 deg tca. Mineralization varies locally, disseminate, veined, average 5% pyrite (semi massive in places, see below), trace gal-sph-cpy-apy. Moderately bleached and clay altered, weak or overprinted silica/albite alteration, minor chlorite.	2	0.1	0.1	0.1	0.1	0.5	vein, clusters, diss	Greyish-white	1	3	0	0	0	0	0	0	0	0	0	1	0	0	2	3	pervasive	50-60	-	-	-	3	many	1	1mm-5cm	various	sil+py+ other sulphides+chl	-	-	-	-	-	-	50	fairly sharp	120	sharp
		108.10	108.70	Gd-x		Strongly bleached and clay altered granodiorite with large clusters of 5% pyrite. Associated with vein below, same event.																																									
108.70	109.80			Vn		Qtz vein with 20% chunky semi-massive pyrite, some scattered chucks of Gd. Other vfg sulphides present, <2%. Minor scorodite, weak interstitial/fracture controlled clay.	20	0	0	0	0	2	semi-massive	Medium grey and white	4	2	1	0	0	0	0	0	0	0	0	0	0	0	2	2	vein	-	-	-	-	3	-	90	1.1m	sulphide rich	qtz, semi-massive py							120	sharp	135	sharp
109.80	123.40			Fp	Feldspar Porphyry	Black into Gd from 102.92-108.70m. Trace vugs associated with sulphides (py, gal, apy, cpy, sph). Small occasional patches of increase white clay alteration, rock is crumbly in these area and tend to have a slightly higher degree of bleaching.	2	0.1	0.1	0.1	0.1	0.5	vein, clusters, diss	Greyish-white	1	3	0	0	0	0	0	0	0	0	0	1	0	0	2	3	pervasive	50-60	-	-	-	3	many	1	1mm-5cm	various	sil+py+ other sulphides+chl	-	-	-	-	-	-	135	sharp	-	gradually, increasing brecciation
		111.00	111.35	Bx		Chunky f.g. sericite and clay matrix (%50). Chunky silica and semi-massive pyrite clasts (50%).																																									
		111.35	113.75	Gn?		Increased chl alteration, no phenocrysts. Strong silica alteration and very similar in appearance to 99.58-102.92m, but gneissic texture is weaker.																																									
		113.75	114.25	Gd?		Vfg, sericite flooded groundmass, also weak white clay alteration. 1cm qtz veinlet at 160 dtca cross-cutting white clay veinlets (<3mm) of white clay. Phenocrysts are occasional, seem to be overprinted by sericite alteration.																																									
			118.30			5cm true width vug, 7cm apparent width. About 40% is open space, remainder is white to grey-vfg-sulphide rich qtz. 10% sulphides total. Trace apy and cpy. At 150 deg tca.	5	0.5	0	0	0.1	4	vug																																			
			118.85			5.5cm apparent width, 5cm true width, sharp vein/dyke at 70 deg tca, flow in same direction. Strong sericite, moderate white clay alteration, 4% pyrite, 1% apy, disseminated.	4	1	0	0	0	0	diss																																			
			120.85			5cm apparent width, 7cm true width, sharp vein/dyke at 60 deg tca, flow in same direction. Strong sericite, weak white clay alteration, 4% pyrite, 1% apy, disseminated. Similar to vein described above but is much harder because it tali is patch of strong silica alteration in the Gd, suggests that this stage of veining was not necessarily associated with major silica alteration event.	4	1	0	0	0	0	diss																																			
			121.00			Sulphide veinlet 1cm, at 160 deg tca, fractured along plane of vein. Dark grey, vfg. Fingers of pyrite-sulphide splay outward from vein. 4% blebs of pyrite, 2% gal+apy, are disseminated in Gd surrounding vein.																																									
123.40	131.95			Fp-x	Feldspar Porphyry	Same lithology as above Gd, but is chaotically brecciated with more mineralization and chaotic veining (epithermal vein?). Bleaching and white clay are patchy, weak to strong. Brecciation and alteration often obliterates Gd texture. Moderate, patchy silica alteration. Minor scorodite. Several portions contain semi-massive pyrite (see below for details). 4% pyrite overall, trace apy & gal.	4	0.5	0.1	0	0	0.5	diss, veined	light grey	3	3	1	2	0	0	0	1	0	0	0	0	0	2	4	brecciated	-	-	-	-	3

Charlotte Project
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Detailed Log

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization							Alteration															Foliation	Shearing		Fractures		Veins					Brecciation						Upper Contact		Lower Contact	
From	To	From	To	Code			Py%	Asp%	Grn%	Sp%	Cp%	FSx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	% Clasts	Rounding	Matrix	% Matrix	Intensity	to CA	Desc	to CA	Desc
174.40	179.30			Gn/Gd	Interlingered gneissic granodiorite and matic gneiss	Fairly competent. Gneissic granodiorite comprises 80% of this interval, up to 50% phenocrysts altered to orangey-clay and/or sericite? Generally aligned at 45 deg tca, with 5% grey-silica veinlets (<1cm) with vfg sulphide impurities, branching but generally in line with foliation, creates brecciated patches. Moderate silica alteration and up to 10% pyrite as disseminations and in silica veinlets. 20% MGn is interlingered in upper portion of interval. Variable limonite healed crackle fractures, up to 3% occurring in patches.	4	0	0	0	0	1	veinlets, diss	Cream and grey	3	1	0	3	0	0	0	2	0	0	0	2	0	0	1	1	pervasive	45	-	-	-	-	~45	5	1cm	sulphide rich	qtz>vfg sulphides	GnGd	93	AG-SA	sil-sulph, or lim	7	2	140	interlingered but fairly sharp	-	gradual, fractured Gd, clay and gouge over 1m
		174.40	176.20	MGn	Finger of MGn	Much softer and chl altered. Mg chl, white clay and qtz. Trace disseminated pyrite. Up to 30% cg phenos of white-clay altered feldspars, generally oriented at 50 deg tca.	1	0	0	0	0	0	diss	Medium grey green	1	2	0	1	0	0	0	2	0	0	0	3	0	0	0	2	gneissic	50																			
179.30	184.70			Gd-z	Bleached Granodiorite	Same as 178.15-174.4m. Faulted and fractured throughout.	0.5	0	0	0	0	0	diss	White	?	4	0	0	2	0	0	1	2	0	0	1	0	0	2	4	pervasive	50	-	-	many	5	-	-	-	-	-	-	-	-	-	-	-	-	-	gradual, fractured Gd, clay and gouge over 1m	~45	faulted, competent after contact
		184.40	184.70			Moderate hematite alteration for 30 cm before Di, faulted.																																											
184.70	190.20			Di	Dark-grey gneissic diorite	M.g. Intrusive, 40% interstitial chlorite, 30% mafic mineral (hornblende? pyroxene?), possibly some biotite, 10% interstitial epidote often clustered, 15% qtz, up to 5% blebby pyrite. Weak gneissic texture at 130 deg tca. Trace epidote stringers, trace carbonate stringers, anastomotic, generally trending at 50 or 20 deg tca. 2% anastomotic qtz veins, up to 5cm wide, often broken and/or discontinuous, roughly perpendicular tca, weakly magnetic at 185.3m. Last meter rock before moderately gneissic.	3	0	0	0	0	0	blebby	Dark-grey	2	0	0	0	1	0	0	0	1	0	1	3	0	0	0	0	pervasive	130	-	-	many	4	50, 20	1 OR 2	~2mm OR 5cm	anastomotic	calcite OR silica	-	-	-	-	-	-	~45	faulted, competent after contact	n/a	n/a
		187.00	187.35	Di-z		Faulted, moderately chl and hem altered.																																										
190.20				EOH																																											

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Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	Actual Azimuth	Dip	Magnetic Field
44	13.41	58.0	80.5	-64.6	58103
54	16.46	58.8	81.3	-64.4	57829
64	19.51	60.3	82.8	-64.3	58014
74	22.56	60.4	82.9	-64.4	57969
84	25.61	57.2	79.7	-64.6	57703
94	28.66	56.3	78.8	-64.7	57653
104	31.71	59.6	82.1	-64.6	57884
114	34.76	56.1	78.6	-64.7	57634
124	37.80	57.6	80.1	-64.7	57692
134	40.85	58.4	80.9	-64.6	57713
144	43.90	59.8	82.3	-64.6	57872
154	46.95	57.2	79.7	-64.6	57622
164	50.00	59.2	81.7	-64.6	57713
174	53.05	56.9	79.4	-64.7	57693
184	56.10	59.5	82.0	-64.6	57865
194	59.15	59.4	81.9	-64.6	57863
204	62.20	60.1	82.6	-64.7	57868
214	65.24	59.4	81.9	-64.7	57855
224	68.29	59.8	82.3	-64.7	57853
234	71.34	55.9	78.4	-64.9	57639
244	74.39	55.9	78.4	-64.9	57632
254	77.44	56.5	79.0	-64.9	57703
264	80.49	55.8	78.3	-65.0	57629
274	83.54	56.6	79.1	-65.0	57653
284	86.59	59.1	81.6	-64.9	57784
294	89.63	57.2	79.7	-64.9	57665
304	92.68	59.8	82.3	-64.9	57821
314	95.73	55.4	77.9	-65.0	57573
324	98.78	57.3	79.8	-64.9	57709
334	101.83	59.4	81.9	-64.9	57813
344	104.88	59.0	81.5	-64.9	57799
354	107.93	56.0	78.5	-65.1	57655
364	110.98	55.3	77.8	-65.0	57578
374	114.02	56.0	78.5	-65.0	57638
384	117.07	58.5	81.0	-65.0	57779
394	120.12	55.3	77.8	-65.0	57624
404	123.17	57.0	79.5	-65.0	57699
414	126.22	59.3	81.8	-65.0	57827
424	129.27	58.4	80.9	-65.1	57795
434	132.32	56.5	79.0	-65.2	57673
444	135.37	57.2	79.7	-65.2	57680
454	138.41	58.7	81.2	-65.3	57796
464	141.46	60.0	82.5	-65.0	57836
474	144.51	58.4	80.9	-65.2	57793
484	147.56	56.4	78.9	-65.3	57675
494	150.61	55.3	77.8	-65.3	57614
504	153.66	57.0	79.5	-65.3	57731
514	156.71	57.7	80.2	-65.3	57751
524	159.76	56.2	78.7	-65.4	57672
534	162.80	55.8	78.3	-65.5	57646
544	165.85	58.9	81.4	-65.3	57773
554	168.90	57.7	80.2	-65.3	57665

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564	171.95	56.8	79.3	-65.5	57635
574	175.00	59.2	81.7	-65.4	57758
584	178.05	59.7	82.2	-65.4	57792
594	181.10	55.1	77.6	-65.6	57565
604	184.15	55.9	78.4	-65.5	57666

Charlotte Project
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Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
6.30	7.50	1.20	1064753		Biotite Rich Gneiss	0.018	<0.1			
7.50	9.00	1.50	1064754		Biotite Rich Gneiss	0.048	<0.1			
9.00	12.00	3.00	1064755		Biotite Rich Gneiss	<0.005	0.5			
12.00	14.00	2.00	1064756		Biotite Rich Gneiss	0.022	<0.1			
12.00	14.00	2.00	1064757	**Duplicate**	Biotite Rich Gneiss	0.022	0.1			
14.00	15.85	1.85	1064758		Biotite Rich Gneiss	0.024	<0.1			
15.85	17.00	1.15	1064759		Gneissic Mafic Flow	0.015	<0.1			
17.00	18.50	1.50	1064760		Gneissic Mafic Flow	0.047	<0.1			
18.50	20.51	2.01	1064761		Gneissic Mafic Flow	0.007	<0.1			
20.51	21.90	1.39	1064762		Mafic Schist	0.046	<0.1			
21.90	23.47	1.57	1064763		Gneiss	0.015	0.2			
23.47	25.00	1.53	1064764		Gneiss	<0.005	0.1			
25.00	26.21	1.21	1064765		Gneiss	<0.005	<0.1			
26.21	26.21		1064766	**STD: CU 171**		0.221	14.1			
26.21	27.70	1.49	1064767		Bleached Gneiss	<0.005	0.2			
27.70	29.20	1.50	1064768		Bleached Gneiss	<0.005	0.2			
29.20	30.70	1.50	1064769		Bleached Gneiss	<0.005	0.1			
30.70	32.20	1.50	1064770		Bleached Gneiss	<0.005	<0.1			
32.20	33.70	1.50	1064771		Bleached Gneiss	<0.005	<0.1			
33.70	34.70	1.00	1064772		Bleached Gneiss	<0.005	<0.1			
34.70	35.67	0.97	1064773		Bleached Gneiss	<0.005	<0.1			
35.67	37.50	1.83	1064774		Faulted Gneiss	<0.005	0.1			
37.50	39.25	1.75	1064775		Faulted Gneiss	0.007	<0.1			
39.25	40.25	1.00	1064776		Mafic Schist	<0.005	<0.1			
40.25	40.25		1064777	**Blank**		<0.005	<0.1			
40.25	42.50	2.25	1064778		Faulted Mafic Gneiss	<0.005	0.1			
42.50	43.50	1.00	1064779		Faulted Felsic Gneiss	<0.005	<0.1			
43.50	44.20	0.70	1064780		Faulted Felsic Gneiss	<0.005	<0.1			
44.20	45.15	0.95	1064781		Gneiss	<0.005	<0.1			
45.15	46.63	1.48	1064782		Gneiss	0.012	<0.1			
46.63	48.05	1.42	1064783		Bleached Gneiss	<0.005	<0.1			
48.05	49.26	1.21	1064784		Bleached Gneiss	<0.005	<0.1			
49.26	49.26		1064785	**STD: PM 436**		0.397	0.2			
49.26	50.60	1.34	1064786		Faulted Bleached Gneiss	<0.005	<0.1			
50.60	52.10	1.50	1064787		Bleached Gneiss	<0.005	<0.1			
52.10	53.75	1.65	1064788		Bleached Gneiss	<0.005	<0.1			
53.75	55.00	1.25	1064789		Bleached Gneiss	0.005	<0.1			
55.00	56.40	1.40	1064790		Bleached Gneiss	0.007	0.1			
56.40	57.90	1.50	1064791		Bleached Gneiss	<0.005	0.1			
57.90	59.20	1.30	1064792		Bleached Gneiss	<0.005	<0.1			
59.20	60.70	1.50	1064793		Bleached Gneiss	0.012	<0.1			
60.70	62.20	1.50	1064794		Bleached Gneiss	<0.005	<0.1			
62.20	62.20		1064795	**Blank**		<0.005	<0.1			
62.20	63.30	1.10	1064796		Bleached Gneiss	0.008	<0.1			
63.30	64.40	1.10	1064797		Bleached Gneiss	<0.005	<0.1			
64.40	65.60	1.20	1064798		Bleached Gneiss	<0.005	<0.1			
65.60	67.15	1.55	1064799		Bleached Gneiss	<0.005	0.3			
67.15	68.15	1.00	1064800		Bleached Gneiss	0.014	0.3			
68.15	69.50	1.35	1064801		Bleached Gneiss	<0.005	0.2			
69.50	70.60	1.10	1064802		Bleached Gneiss	<0.005	0.2			
70.60	72.10	1.50	1064803		Orangy-Brown Granodiorite	<0.005	0.2			
72.10	73.70	1.60	1064804		Orangy-Brown Granodiorite	<0.005	<0.1			
73.70	75.20	1.50	1064805		Orangy-Brown Granodiorite	<0.005	<0.1			
75.20	76.50	1.30	1064806		Orangy-Brown Granodiorite	0.017	0.9			
75.20	76.50	1.30	1064807	**Duplicate**	Orangy-Brown Granodiorite	0.030	1.1			
76.50	77.80	1.30	1064808		Orangy-Brown Granodiorite	<0.005	<0.1			
77.80	79.40	1.60	1064809		Bleached Gneiss	<0.005	<0.1			
79.40	80.55	1.15	1064810		Bleached Gneiss	<0.005	<0.1			
80.55	81.55	1.00	1064811		Bleached Gneiss	<0.005	0.1			
81.55	83.30	1.75	1064812		Brecciated Gneiss	<0.005	<0.1			
83.30	84.80	1.50	1064813		Faulted Granodiorite	<0.005	<0.1			
84.80	85.64	0.84	1064814		Faulted Granodiorite	<0.005	<0.1			
85.64	85.64		1064815	**STD: CU 157**		0.937	14.7			
85.64	86.90	1.26	1064816		Faulted Granodiorite	0.010	0.1			
86.90	88.20	1.30	1064817		Faulted Granodiorite	0.008	<0.1			

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Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
88.20	89.61	1.41	1064818		Faulted Diorite	<0.005	<0.1			
89.61	91.00	1.39	1064819		Mafic Gneiss	0.010	0.3			
91.00	92.00	1.00	1064820		Mafic Gneiss	0.025	0.5			
92.00	93.50	1.50	1064821		Mafic Gneiss	0.014	1.0			
93.50	94.30	0.80	1064822		Mafic Gneiss	<0.005	<0.1			
94.30	96.20	1.90	1064823		Mafic Gneiss	<0.005	<0.1			
96.20	97.40	1.20	1064824		Bleached Gneiss	<0.005	0.2			
97.40	98.70	1.30	1064825		Bleached Gneiss	0.111	55.1			
98.70	98.70		1064826	**Blank**						
98.70	99.90	1.20	1064827		Bleached Gneiss	0.006	0.7			
99.90	101.45	1.55	1064828		Bleached Gneiss	<0.005	0.2			
101.45	102.92	1.47	1064829		Bleached Gneiss	<0.005	<0.1			
102.92	104.00	1.08	1064830		Feldspar Porphyry	0.049	2.0			
104.00	105.50	1.50	1064831		Feldspar Porphyry	<0.005	0.3			
105.50	107.00	1.50	1064832		Feldspar Porphyry	0.045	0.2			
107.00	107.00		1064833	**STD: PM 925**		>10.000	>100.0	12.5		
107.00	108.10	1.10	1064834		Feldspar Porphyry	0.237	1.0			
108.10	108.60	0.50	1064835		Feldspar Porphyry	0.599	45.8			
108.60	109.80	1.20	1064836		Vein	0.272	17.4			
108.60	109.80	1.20	1064837	**Duplicate**	Vein	0.305	14.6			
109.80	110.90	1.10	1064838		Feldspar Porphyry	1.943	0.7			
110.90	111.80	0.90	1064839		Feldspar Porphyry	0.020	0.5			
111.80	112.90	1.10	1064840		Feldspar Porphyry	<0.005	<0.1			
112.90	114.25	1.35	1064841		Feldspar Porphyry	1.223	0.4			
114.25	115.24	0.99	1064842		Feldspar Porphyry	<0.005	0.3			
115.24	116.30	1.06	1064843		Feldspar Porphyry	<0.005	0.2			
116.30	117.50	1.20	1064844		Feldspar Porphyry	0.040	0.5			
117.50	118.15	0.65	1064845		Feldspar Porphyry	0.135	0.7			
118.15	118.55	0.40	1064846		Feldspar Porphyry	1.414	>100.0			135
118.55	118.55		1064847	**Blank**		<0.005	<0.1			
118.55	119.70	1.15	1064848		Feldspar Porphyry	0.177	0.8			
119.70	121.00	1.30	1064849		Feldspar Porphyry	0.408	1.4			
121.00	121.40	0.40	1064850		Feldspar Porphyry	1.418	20.4			
121.40	122.50	1.10	1064851		Feldspar Porphyry	0.245	1.1			
122.50	123.40	0.90	1064852		Feldspar Porphyry	0.157	0.9			
123.40	124.70	1.30	1064853		Feldspar Porphyry	0.146	0.7			
124.70	126.00	1.30	1064854		Feldspar Porphyry	0.221	1.2			
126.00	126.00		1064855	**STD: PM 1129**		3.646	33.1		32	
126.00	127.00	1.00	1064856		Sulphide Qtz Vein	0.677	47.2		45	
127.00	128.00	1.00	1064857		Feldspar Porphyry	0.668	4.7			
128.00	128.85	0.85	1064858		Feldspar Porphyry	0.300	6.0			
128.85	129.90	1.05	1064859		Feldspar Porphyry	0.625	14.4			
129.90	130.45	0.55	1064860		Feldspar Porphyry	0.670	>100.0			141
130.45	131.45	1.00	1064861		Feldspar Porphyry	1.019	36.5			
131.45	132.70	1.25	1064862		Sulphide Vein	>10.000	>100.0	26.7	>300	721
132.70	132.70		1064863	**Blank**		<0.005	0.3			
132.70	133.50	0.80	1064864		Feldspar Porphyry	1.894	52.1			
133.50	134.45	0.95	1064865		Feldspar Porphyry	0.254	5.3			
134.45	135.75	1.30	1064866		Feldspar Porphyry	0.139	0.8			
135.75	136.60	0.85	1064867		Breccia	0.529	15.1			
136.60	137.60	1.00	1064868		Breccia	0.176	3.7			
137.60	138.15	0.55	1064869		Breccia	0.091	1.0			
138.15	139.62	1.47	1064870		Breccia	0.081	2.5			
139.62	140.70	1.08	1064871		Quartz Feldspar Porphyry	0.188	7.1			
140.70	142.20	1.50	1064872		Quartz Feldspar Porphyry	0.132	5.0			
142.20	143.70	1.50	1064873		Quartz Feldspar Porphyry	0.168	5.8			
143.70	145.10	1.40	1064874		Quartz Feldspar Porphyry	0.033	2.9			
145.10	145.10		1064875	**STD: PM 925**		>10.000	>100.0	11.8		166
145.10	146.45	1.35	1064876		Quartz Feldspar Porphyry	0.034	2.1			
146.45	147.95	1.50	1064877		Quartz Feldspar Porphyry	0.053	2.6			
147.95	149.45	1.50	1064878		Quartz Feldspar Porphyry	0.012	1.2			
149.45	150.80	1.35	1064879		Quartz Feldspar Porphyry	0.017	1.1			
150.80	152.30	1.50	1064880		Quartz Feldspar Porphyry	0.008	1.6			
152.30	153.80	1.50	1064881		Quartz Feldspar Porphyry	0.005	1.0			
153.80	155.25	1.45	1064882		Quartz Feldspar Porphyry	0.009	0.9			

Charlotte Project
DDH-11-255
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
155.25	156.70	1.45	1064883		Quartz Feldspar Porphyry	0.010	0.7			
156.70	158.15	1.45	1064884		Quartz Feldspar Porphyry	0.013	0.4			
158.15	158.90	0.75	1064885		Quartz Feldspar Porphyry	<0.005	0.2			
158.90	160.15	1.25	1064886		Bleached Granodiorite	0.007	0.8			
158.90	160.15	1.25	1064887	**Duplicate**	Bleached Granodiorite	0.005	0.7			
160.15	161.65	1.50	1064888		Bleached Granodiorite	<0.005	0.1			
161.65	163.15	1.50	1064889		Bleached Granodiorite	<0.005	<0.1			
163.15	164.50	1.35	1064890		Bleached Granodiorite	<0.005	<0.1			
164.50	165.90	1.40	1064891		Bleached Granodiorite	<0.005	<0.1			
165.90	167.03	1.13	1064892		Altered Granodiorite	<0.005	0.1			
167.03	168.50	1.47	1064893		Bleached Granodiorite	<0.005	<0.1			
168.50	170.00	1.50	1064894		Bleached Granodiorite	<0.005	<0.1			
170.00	170.00		1064895	**STD: PM 436**		0.393	0.2			
170.00	171.10	1.10	1064896		Bleached Granodiorite	0.022	0.9			
171.10	172.35	1.25	1064897		Bleached Granodiorite	0.091	2.7			
172.35	173.50	1.15	1064898		Bleached Granodiorite	0.290	4.4			
173.50	174.70	1.20	1064899		Bleached Granodiorite	0.208	4.0			
174.70	176.25	1.55	1064900		Interfingered Gneiss	<0.005	<0.1			
176.25	177.30	1.05	1064901		Interfingered Gneiss	0.017	0.3			
177.30	178.31	1.01	1064902		Interfingered Gneiss	0.069	1.3			
178.31	179.30	0.99	1064903		Interfingered Gneiss	0.006	0.1			
179.30	180.70	1.40	1064904		Bleached Granodiorite	<0.005	0.1			
180.70	180.70		1064905	**Blank**		<0.005	<0.1			
180.70	182.27	1.57	1064906		Bleached Granodiorite	<0.005	<0.1			
182.27	183.50	1.23	1064907		Bleached Granodiorite	<0.005	<0.1			
183.50	184.70	1.20	1064908		Bleached Granodiorite	<0.005	<0.1			
184.70	186.20	1.50	1064909		Gneissic Diorite	<0.005	<0.1			
186.20	187.50	1.30	1064910		Gneissic Diorite	<0.005	0.3			
187.50	189.00	1.50	1064911		Gneissic Diorite	0.013	0.1			
189.00	190.25	1.25	1064912		Gneissic Diorite	0.012	0.2			
190.25	EOH									

Charlotte Project
DDH-11-256
Drill Log Summary and Cover Sheet

Hole Id: **DDH-11-256**
Property: **Charlotte**
Area: **Flex**
Client: **Ansell Capital Corp.**

Logged By: **A.Paquet**
Date Logged: **June 19-22, 2011**

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	NAD83, Zone 8		
Easting:	386661.64 mE	Azimuth:	078 ⁰
Northing:	6881975.54 mN	Dip:	-50 ⁰
Elevation:	1362.09 m	Length:	144.82 m

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	386667 mE	Azimuth:	078 ⁰
Northing:	6881975 mN	Dip:	-50 ⁰
Elevation:	1365 m	Length:	140 m

Drilling Information:

Contractor:	DJ Drilling
Core Diameter:	HQ
Start Date:	12-Jun-2011
End Date:	14-Jun-2011
Casing In:	No
Casing Capped:	No
Units:	Metric

Hole Objective:
Twin of DDH-10-251

Hole Summary:
DDH-11-256 collared into gneiss to 80.20 metres. The gneiss is generally bleached and faulted throughout this interval. In areas where bleaching lessens, quartz and feldspar are the dominant, fine grained mineralogy. A large quartz feldspar porphyry intrudes from 80.20-111.75 metres and is frequently faulted. A cataclastic regime was intersected from 111.75-125.45 metres, with evidence of ductile deformation is weakly mineralized, averaging 1% pyrite. Below 125 metres, there are few rubble zones and the core is fairly competent with no sulphide veins. The hole terminates in unmineralized diorite interfingered with a megacrystic granodiorite at 144.62 metres.

Lithology Summary

From	To	Lith	Comment
0.00	3.70	**OB**	
3.70	32.00	**BGn-z**	
32.00	55.60	**Gn**	
55.60	72.95	**BGn-z**	
72.95	75.55	**Cly**	
75.55	78.70	**Cly-x**	
78.70	80.20	**BGn**	
80.20	111.75	**QFP-z**	
111.75	117.30	**BGn/MGn/QFP**	Interfingered
117.30	125.45	**Bx?**	
125.45	144.82	**Di**	
144.82		**EOH**	

Charlotte Project
DDH-11-256
Detailed Log

Hole Id:	DDH-11-256
Logged By:	A. Pasquet

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization							Alteration										Foliation	Shearing		Fractures		Veins				Brecciation				Upper Contact		Lower Contact	
From	To	From	To	Code			Py%	Asp%	Gn%	Sp%	Cp%	Flx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Msq	Chl	Talc	Epi	Alb	White clay	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	% Clasts	Rounding	Matrix	% Matrix	Intensity	to CA	Desc	to CA	Desc
0.00	3.70			OB	Overburden																																											
3.70	32.00			BGn-z		Bleached gneiss, foliated at 60 deg tca ±10 deg. Moderately to strongly altered by pervasive bleaching, limonite weathering, and white to orange clay; obliterates most of protolith. Qtz leucosomes are only gneissic texture preserved. Patches of strong silica alteration in areas overprints remaining gneissic texture. Moderate vugs are at no preferred orientation. Moderate fracturing often healed by clay or limonite, crackle brecciated/wispy texture in some places. Rare bright green alteration mineral, scattered splotches usually small (<10-5mm), see below for description of larger patches. Trace pyrite mineralization, often oxidized. Trace MgO found in thin slits, no more than 5x0.5mm and along fractures until ~10.10m when MgO becomes more frequent. Gouge material up to 10cm wide often observed, white to orangey clay.	0.1	0	0	0	0	0	oxidized	creamy white to orangey brown	2	4	1	1	0	0	0	3	1	0	0	0	0	0	0	4	fractured, patchy	60	-	-	-	4	-	-	-	-	-	BGn	95	AG	clay, lim	5	1	n/a	n/a	-	grades over a few meters
			5.30			Small lim-clay infilled fracture at 55 deg tca. Not uncommon but in this case footwall is altered a bright green colour which gradually fade away over 3cm. ?possibly fuchsite, scorodite, sericite or even chlorite?, probably has arsenic content.																																							
			8.65			Same green mineral as mentioned above, but has a sharp boundary, occurring as a 5cm irregular, rounded clast.																																							
		12.40	13.00		MgO breccia	40% massive manganese makes up matrix which varies in thickness from stringer width to a few centimetres, clasts are strongly limonite altered BGn?, angular to subrounded, often with percolated dendritic manganese. Black and dark brown.								Black and dark brown	0	2	0	0	0	0	0	4	0	0	0	0	0	0	0	0	brecciated										Lim-BGn	60	AG-SR		MgO	40	3				
		15.85	18.80			Strong, pervasive limonite alteration gives rock dark orangey brown colour, weak manganese on fractures also darkens rock. Weak, mg chlorite alteration.																																							
			22.90		White gouge	Moustabite white clay gouge over 15cm.																																							
		26.45	26.90			Increased MgO, similar to 12.40-13.00m.																																							
		29.30	32.00			Increased splotches, patches and wisps of same bright green mineral mentioned above, ~3% of interval. Wispy interstitial sericite is seen in the largest patch, 15cm at 30.50m.								creamy white to orangey brown	2	4	1	2	0	0	0	3	1	0	0	0	0	0	4	wispy, pervasive																			
32.00	55.60			Gn		Upper contact is very gradual, protolith does not seem to change but the gnass becomes increasingly darker-brown and less faulted. Bleaching drops to weak-moderate. Strong pervasive limonite, weathering and orange-clay alteration gives rock darker colour. There are still several 10cm portions of gouge but the rock is quite competent compared to above BGn. Strong foliation at 50 deg tca, and cross cutting fracture plane at 120 deg tca. Trace carbonate stringers along fabrics at 20 and 120 deg tca. F-mg gneissic texture more often preserved but fg nature and limonite overprint makes mineral difficult to identify. Minor chl, bio, musc and carb, soft rock. Whiter patches have up to 20% muscovite. Hematite alteration is weak and splotchy, as is manganese. Lim‡ is typically fg, but as it deepens patches of QFGn are m-cg.	0.1	0	0	0	0	0	diss	Orange-brown	0	2	1	1	2	0	0	4	1	0	0	2	0	0	0	2	pervasive, patchy	50	-	-	120	3	50, 120	1	<3mm	late stage	carb	-	-	-	-	-	-	-	grades over a few meters	-	fractured
		35.10	35.40	Vn	Brecciated silica vein	At 160 deg tca, 1.8cm true width, 5cm apparent width. Silica is white-opaque and crackle brecciated with a lim-MgO matrix (about 15%), clasts are maximum 0.5cm and angular.																																							
			36.20			Surrounding rock is not brecciated but does contain percolating, semi-massive dendritic manganese.																																							
						Bright blood-orange clay in fracture near bright green mineral described earlier in the log.																																							
		42.70	43.15		Dyke	Dark green, 1-mg biotite chlorite-schist with irregular/ branching carbonate stringer going through center at 15 deg tca. Sharp lower contact at 60 deg tca with chill margin, upper contact obscured by limonite alteration and fracturing, 2% limonite healed fractures.																		3																			-	fractured	60	sharp
		43.45	44.25	QFGn	Quartz feldspar gneiss	Light orangey-white with pinkish hue. M-cg qtz, feldspars altered to clay, muscovite, chlorite and minor carbonate, possibly different protolith from surrounding Gn. Faded contacts.								Light orangey-white	0	1	0	0	0	0	0	1	0	0	0	0	0	0	3																				
		45.10	45.40		Dyke	Mg biotite chlorite schist dyke at 115 deg tca.																		3																			115	sharp	115	sharp
		46.70	48.10	QFGn	Quartz feldspar gneiss	Light orangey-white with pinkish hue. M-cg qtz, feldspars altered to clay, muscovite, chlorite and minor carbonate, possibly different protolith from surrounding Gn. Sharp upper contact at 130 deg tca, mineralized by blebby pyrite.								Light orangey-white	0	1	0	0	0	0	0	1	0	0	0	0	0	0	3																				
		48.10	48.25			Brecciated, 60% clasts of rounded white clay, dark-brown limonite matrix.																																							
			51.95			Chalcedony vein at 50 deg tca, 12cm true width. 1% fg disseminated pyrite and trace arseno. Splotchy limonite. Concentric silica, transparent grey at center and increasing hematite altered outward.	1	0	0	0	0	0	diss																								50	100	12cm	irregular	chalcedony									
		52.25	54.05			Moderate hematite and carbonate alteration.																																							
		54.05	54.50			Brownish black vfg section with 1% carbonate crackle brecciation. Seems to be mostly MgO lim but does no give off same lustre as manganese seen elsewhere.																																							
55.60	72.95			BGn-z	Bleached patchy gneiss	Moderately fractured/faulted bleached gneiss, creamy brown and white. Patches of strong limonite alteration, many are not limonite altered with weak scorodite in these areas. Patches of minor dendritic MgO. Pervasively altered by moderate white clay. Foliation is at 60 deg tca and is observed in preserved f.g. silica leucosomes. Trace 0.75cm veinlets of broken qtz along foliation. Foliation sometimes cross cut and crackles by MgO healed fractures, often at 140 and 160 deg tca. Some minor patches of silica alteration but as a whole rock is very soft. No mineralization observed. Minor vugs.	0	0	0	0	0	0		Creamy brown and white	1	4	2	0	0	0	0	3	0	0	0	0	0	0	0	4	patchy, pervasive	60	-	-	-	4	60 QR140, 160	0.1	7mm QR 1mm	broken QR cross-cutting	qtz OR MgO	BGn	95	AG	lim	5	1	-	fractured	-	fractured, clay and limonite altered
		55.60	56.90			Light coloured portion, weakly scorodite altered.								Creamy white	1	4	2	0	0	0	0	3	0	0	0	0	0	0	4	pervasive																			
		58.60	50.70			Light coloured portion, weakly scorodite altered.								Creamy white	1	4	2	0	0	0	0	3	0	0	0	0	0	0	4	pervasive																			
			57.25			10cm with porphyritic texture, 15% pcky altered phenos ~3mm diameter.																																							
		60.80	61.10			5% crackle brecciation by limonite.								Brown	1	3	0	0	0	0	0	4	0	0	0	0	0	0	4	pervasive																			
		61.90	64.55			Light coloured portion, weakly scorodite altered. MgO cross cuts foliation at 140 and 160 deg tca, also minor crackle brecciation and splotches of MgO. Weak limonite. At 64.25m there is a 1cm wide, irregular, chunky qtz veinlet, discontinuous and vuggy, no mineralization observed.								Creamy white	1	4	2	0	0	0	0	3	0	0	0	0	0	0	4	pervasive																			
		64.55	71.15			Significantly less fault gouge, but still moderately fractured. Strong limonite alteration, crackle brecciated, often but not always in line with foliation, limonite leaches into the BGn along these healed fractures. 30% qtz as leucosomes, usually ~1mm wide, trending 60-70 deg tca. Some qtz in same direction is ~7mm wide, possibly veining or wider leucosomes. Localized trace porphyritic texture.								Brown	1	3	0	0	0	0	0	4	0	0	0	0	0	0	4	pervasive													BGn	95	AG	lim	5	1				
		71.15	72.55			Light coloured portion, bleached. Weak hematite, moderate silica and scorodite alteration. Dark grey, vfg sulphides are disseminated in very small lenses (<0.5mm) along qtz leucosomes. At 72.05m, a wispy, vuggy dark grey qtz vein generally at 60 deg tca is contaminated with vfg dark grey sulphides. Wispy green scorodite and small blebs of pyrite and arsenopyrite are visible.	0.5	0.1	0	0	0	0	cubic, vein																																	65	fairly sharp, limonized and vuggy
72.95	75.55			Cly	Mineralized Clay	Unit is entirely altered to clay, can easily be cut or gouged with a knife. White, yellow and limonite-brown clay are all present. A few 10-15cm patches of purple-grey, moderately hematite altered clay with 15% pcky, vfg grey unknown sulphides. One isolated splotch of fire red coating, possibly cinnabar? In between hematite-sulphide rich patches is typically yellow or orange-limonite clay. Minor splotchy scorodite alteration. Scattered grains of qtz preserved. Patches of somewhat brecciated texture, overprinted by clay.	4	0	0	0	0	1	patchy	Yellow, orange, grey	0	4	1	0	0	0	0	2	2	0	0	0	0	0	0	2	patchy	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	fractured, clay and limonite altered	60	sharp, friable
75.55	78.70			Cly-x	Possibly Bx? Qtz in clay matrix	30% subrounded, poorly rotated clasts (1mm to 5cm in diameter), composed of white to clear qtz, sometimes foliated with interstitial clay. Foliation in clasts varies, suggesting rotation and BGn protolith. Matrix is entirely clay, mostly white to brownish orange. Strongly bleached. Trace pyrite cubes.	0.1	0	0	0	0	0	cubes	White to brownish orange	0	4	1	0	0	0	0	3	0	0	0	0	0	0	0	0	breccia‡	-	-	-	-	5	-	-	-	-	-	qtz, BGn	30	SR	clay	70	4	60	sharp, friable	~60	brecciated
		77.00	77.50			Strong limonite alteration, overprints much of brecciated texture, mainly altering matrix. Contains case of gouge adjacent to competent rock at 50 deg tca.																																							
			78.10			10cm wuggy patch, clay rich, stained pale turquoise colour, possibly scorodite? Vugs are often cubic suggesting pyrite was once present.																																							
78.70	80.20			BGn	Silica altered, bleached gneiss	White with some yellowy brown. Bleached gneiss, mostly overprinted by moderate bleaching and weak silica alteration. Minor brown-limonite and yellow clay healed crackle fractures, sometimes containing scorodite. Minor limonite stained vugs. Foliated generally at 60 deg tca, m.g. white clay altered phenos with interstitial qtz. Minor scorodite alteration. Minor vugs. Trace vfg disseminated unknown sulphides. Qtz veinlet at 50 deg tca, branching with scorodite on contact.	0	0	0	0	0	0.1	diss	White with some yellowy brown	2	4	2	0	0	0	0	2	0	0	0	0	0	0	0	4	crackle	60	-	-	110, 120	3	120	0.1	3mm	branching	sil>scor	BGn	97	AG	lim-cly	3	1	~60	brecciated	-	gradual, obscured by strong limonite alteration and brecciation
80.20	111.75			QFP-z	Quartz-feldspar porphyry	Orangey-brown qtz-feldspar porphyry with 15% phenocrysts, feldspars entirely altered to orangey-brown and/or white clay (most are round, rare phenos are cubic or rectangular). Vfg, weakly silica altered, brownish matrix, colour possibly due to vfg kspar in matrix (original or alteration?). 5% wisps and crackle brecciation are healed with clay-lim. Moderate, pervasive limonite (minor blebby MgO) alteration/oxidation, focused on irregular fractures. Fracturing and limonite increases to some areas, intermittent faulting. Minor vugs. Some parts of the matrix have concentric limonite, parallel irregular bands alternating between light and dark brown, perhaps growth ring but seen more likely to be onion skin weathering.	0.5	0	0	0	0	0	patchy	Orangey-brown	2	0	0	0	0	0	0	4	2	0	0	0	0	0	0	1	pervasive	-	-	-	-	4	2	0.1	3mm	fracture/ crackle	clay-lim	QFP	97	AG	lim-cly	3	1	-	gradual, obscured by strong limonite alteration and brecciation	-	difficult to pinpoint, transition zone seems to stretch over ~1m
		80.20	81.10			Contact zone? Strong limonite overprints most textures and minerals, wuggy. Some porphyritic texture visible. Scattered brecciated grey-quartz (veins?) bearing vfg sulphides?																																							
		81.10	83.55			Moderate silica alteration, slighlty lighter brown.																																							
		87.50				5cm of brecciated QFP, soft limonite-clay matrix, dark-greyish brown subrounded clasts of qtz 1-7mm.																																							
		93.00	93.50	Vn?		70% vfg black silica clasts containing at least 5% vfg disseminated sulphides in crackle matrix of strongly oxidized and fractured limonite.																																							
		93.55	94.00	Cly-x	Clay brecciа	Yellowy-brown breccia, 70% limonite and clay with small (<3mm) clasts of rounded silica. At 93.60-93.70m, there is a sharp colour change perpendicular to core axis, where dark grey clay is speckled with 1% fg cubic pyrite and 4% vfg disseminated unknown sulphides.	1	0	0	0	0	4	diss																																	~40	irregular, non planar
		111.05	111.75		Brecciated boundary zone	Until 101.25m, rock is composed of the matrix material found in the QFP but no phenocrysts are seen, possibly rapid marginal cooling? Crackle brecciation by yellowy-clay disturbs 10% of the rock. After 101.25m, clay gradually increases to 50%, and is banded generally at 103 deg tca. 5cm section of brecia where subangular clasts have been rotated, and transported in a matrix of clay. Contact could be at 101.25m.																																							
111.75	117.30			?	Interfingered BGn, MGn, and FP	Interfingered, constantly changing, includes chlorite rich mafics, c.g. felsic intrusive (bleached to limonite altered), clay-gauge, and is highly weathered and fractured. Some evidence of slickensides. ?From 117.30 to 126.40m, there seems to be a weathered, brecciated alteration zone between the QFP above and the diorite below. Unsure if the QFP and Di ever shared a contact, alteration halos do not seem to push into Di or QFP for more than a meter or so.	1	0	0	0	0	0.5	diss, in veins	variable	0	2	2	2	0	0	0	3	0	0	0	2	0	0	0	3	patchy	50-120	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	difficult to pinpoint, transition zone seems to stretch over ~1m	-	fractured, clay altered
		111.75	113.25	BGn	F.g. bleached gneiss	Banding near upper contact makes contact hard to pinpoint. Alternating thin (0.5-3mm) white clay, qtz, sericite and discontinuous limonite bands generally at 60 deg tca but often undulating, even anastomosing in places. Discontinuous limonite bands have small cavities, possibly leached out pyrite. After about 50cm, the rock become more homogeneous in appearance, with clay>qtz weakly aligned at 60 deg tca. No phenocrysts noted, nor mineralization.																																							
		113.25	114.00	MGn		Dense, dark grey rock, highly fractured and limonite altered, biotite, muscovite, chl and qtz (sometimes rosy w hematite). Competent chunk from 113.7-114.0m cut is through the middle by irregular quartz veining, generally trending 130 deg tca, brecciated.																																							
		114.00	115.80			Limonized, bleached gneiss.																																							
		115.80	117.30			Patchily limonized feldspar porphyry, <50% clay altered feldspar phenos ~3mm in diameter, interstitial qtz. At 116.25m there is gradual change over a few cm from limonized to white clay altered FP, and the foliation change direction, foliation or brecciation? not known, changing from 50 to 120 deg tca. Clay altered fracture at 140 deg tca altered by green scorodite?																																							
117.30	125.45			Bx?	Cataclastic regime	Variable in composition, some gneissic texture seen (direction changes), some porphyritic texture also seen. Likely a contact cataclastic zone. 5% patchy phenocrysts ~3mm of chlorite. Banding by sericite, grey clay, direction is highly variable, as is width (<5cm). Some folding seen in qtz leucosomes which are patchily present in groundmass (3% average). Trace grey sulphides, fg, possibly galena, 0.5% arseno in groundmass with chlorite or along qtz veinlets which are anastomosing and make up about 5% of rock and seem to be a feature of the cataclastic event. Average 1% pyrite fg in groundmass and in stringers. Weak to moderate pervasive sericite and minor scorodite alteration seem to have occurred after event, followed by white clay and finally splotchy, weak limonite, which is seen along several fractures, healed or broken. Splotchy, weak hematite. Minor vugs.	1	0.5	0	0	0	0.1		Tan with grey and green hues	0	1	2	3	0	0	0	2	2	1	0	2	0	0	0	2	chaotic	-	-	-	-	-	many	5	mm scale to a few cm	irregular	qtz>ser> sulphides	-	-	-	-	-	-	-	fractured, clay altered	115	chloritized, sharp
			122.40			2cm undulating quartz vein at 30 deg tca, crackle brecciated by reddish-hematite-limonite?																																							
			124.85	Vn		12 cm vein at 40 deg tca. Upper contact is scorodite altered clay gouge over 4cm. Remainder is dark-grey brecciated qtz vein containing 30% massive pyrite, 2% sphalerite and 1% galena, weakly hematite altered. Lower contact sharp at 40 deg tca. Disseminated arseno increases in Bx after this vein.																																							
125.45	144.82			Di	Diorite	Fg qtz diorite, heterogeneously mixed with granitic rock (about 50/50). Dioritic portion is fg and equant consisting of 45% qtz, 30% biotite and 20% chlorite, with accessory epidote and pyrite, minor leucosomes separation(?) in patches. Granitic portion varies from almost pure aphanitic white-opaque qtz to v.c.g. 75% qtz phenos up to 1cm in diameter, with interstitial biotite 5-20% and chlorite <10%. Blebs and splotches of epidote are found throughout interval. No chill margins suggests that mixing occurred at elevated temperatures. Fg nature of diorite suggests that is has intruded the felsic plutonic body as a series of pipes. At least two deformation events have been applied to this interval, gneissic foliation varies over the hole from 40-60 deg tca, gneissic texture does not discriminate between felsic and dioritic portions. Wispy mixing and changes in foliation over the matter of a few meters suggests possibly folding. Trace late stage carbonate stringers throughout interval, sharp and at several angles.	0.5	0	0	0	0	0	blebby, stringers	Alternating dark grey and white	3	0	0	0	2	0	0	1	1	0	0	2	0	2	0	0	patchy	40-60	-	-	many	2	many	0.5	<1mm	late stage	white carb	-	-	-	-	-	-	115	chloritized, sharp		
		125.45	126.40		Schistose contact	Schistocity at 140 deg tca, sheared limonized contact containing muscovite, biotite and chlorite. Rubble.																																					115	chloritized, sharp	~40	fractured
		138.65	138.80			White clay altered, chlorite zone of incompetent gouge.																																							
		142.95	141.10			White clay altered, chlorite zone of incompetent gouge, weak hematite.																																							
144.82					EOH																																							

Charlotte Project
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Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field
50	12.20	58.2	80.7	-50.2	58760
60	15.24	57.0	79.5	-50.2	58442
70	18.29	56.0	78.5	-50.2	58125
80	21.34	55.3	77.8	-50.3	57937
90	24.39	56.0	78.5	-50.4	57941
100	27.44	55.8	78.3	-50.5	57849
110	30.49	55.7	78.2	-50.5	57830
120	33.54	55.8	78.3	-50.7	57818
130	36.59	55.6	78.1	-50.6	57742
140	39.63	55.6	78.1	-50.7	57778
150	42.68	55.7	78.2	-50.8	57754
160	45.73	55.7	78.2	-50.8	57701
170	48.78	55.9	78.4	-51.1	57522
180	51.83	53.5	76.0	-50.7	57468
190	54.88	54.4	76.9	-50.8	57504
200	57.93	53.6	76.1	-51.0	57532
210	60.98	55.3	77.8	-51.1	57732
220	64.02	55.9	78.4	-51.1	57732
230	67.07	54.8	77.3	-51.0	57595
240	70.12	54.2	76.7	-51.0	57487
250	73.17	53.4	75.9	-51.1	57441
260	76.22	53.6	76.1	-51.2	57442
270	79.27	55.8	78.3	-51.2	57702
280	82.32	55.9	78.4	-51.1	57708
290	85.37	56.0	78.5	-51.2	57702
300	88.41	56.1	78.6	-51.3	57723
310	91.46	56.2	78.7	-51.3	57717
320	94.51	56.7	79.2	-51.4	57934
330	97.56	56.4	78.9	-51.3	57680
340	100.61	55.8	78.3	-51.2	57636
350	103.66	56.2	78.7	-51.4	57726
360	106.71	56.3	78.8	-51.3	57652
370	109.76	55.8	78.3	-51.3	57548
380	112.80	56.5	79.0	-51.3	57718
390	115.85	56.5	79.0	-51.3	57709
400	118.90	56.7	79.2	-51.4	57708
410	121.95	56.8	79.3	-51.4	57705
420	125.00	55.5	78.0	-51.3	57475
430	128.05	56.2	78.7	-51.2	57635
440	131.10	55.2	77.7	-51.2	57400
450	134.15	54.8	77.3	-51.2	57428
460	137.20	56.2	78.7	-51.1	57545

Charlotte Project
DDH-11-256
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
3.70	5.20	1.50	1064981		Faulted Bleached Gneiss	0.089	2.4			
5.20	6.70	1.50	1064982		Faulted Bleached Gneiss	0.024	2.0			
6.70	8.20	1.50	1064983		Faulted Bleached Gneiss	0.190	1.3			
8.20	9.70	1.50	1064984		Faulted Bleached Gneiss	0.480	1.1			
9.70	9.70		1064985	**STD: CDN-MoS-1**		0.011	0.2			
9.70	11.10	1.40	1064986		Faulted Bleached Gneiss	0.465	0.9			
11.10	12.40	1.30	1064987		Faulted Bleached Gneiss	0.045	1.7			
12.40	13.00	0.60	1064988		Faulted Bleached Gneiss	0.026	1.6			
13.00	14.40	1.40	1064989		Faulted Bleached Gneiss	0.130	2.3			
14.40	15.85	1.45	1064990		Faulted Bleached Gneiss	0.011	1.3			
15.85	17.35	1.50	1064991		Faulted Bleached Gneiss	0.035	0.6			
17.35	18.80	1.45	1064992		Faulted Bleached Gneiss	0.083	0.8			
18.80	20.30	1.50	1064993		Faulted Bleached Gneiss	0.176	2.2			
20.30	21.80	1.50	1064994		Faulted Bleached Gneiss	0.030	1.5			
21.80	23.30	1.50	1064995		Faulted Bleached Gneiss	0.057	4.6			
21.80	23.30	1.50	1064996	**Duplicate**	Faulted Bleached Gneiss	0.045	4.9			
23.30	24.80	1.50	1064997		Faulted Bleached Gneiss	0.394	1.5			
24.80	26.30	1.50	1064998		Faulted Bleached Gneiss	0.515	1.3			
26.30	27.90	1.60	1064999		Faulted Bleached Gneiss	0.336	1.1			
27.90	29.35	1.45	1065000		Faulted Bleached Gneiss	0.055	2.1			
29.35	30.30	0.95	1065001		Faulted Bleached Gneiss	0.019	1.5			
30.30	31.30	1.00	1065002		Faulted Bleached Gneiss	0.024	0.7			
31.30	31.30		1065003	**Blank**		<0.005	<0.1			
31.30	32.00	0.70	1065004		Faulted Bleached Gneiss	0.130	1.0			
32.00	34.40	2.40	1065005	poor recovery	Gneiss	0.039	1.9			
34.40	36.00	1.60	1065006		Gneiss	0.050	1.6			
36.00	37.50	1.50	1065007		Gneiss	0.053	2.4			
37.50	39.00	1.50	1065008		Gneiss	0.008	0.4			
39.00	40.50	1.50	1065009		Gneiss	0.029	0.3			
40.50	42.00	1.50	1065010		Gneiss	0.017	0.2			
42.00	43.50	1.50	1065011		Gneiss	0.027	0.1			
43.50	45.00	1.50	1065012		Gneiss	<0.005	0.2			
45.00	46.50	1.50	1065013		Gneiss	<0.005	0.3			
46.50	48.00	1.50	1065014		Gneiss	<0.005	0.2			
48.00	48.00		1065015	**STD: PM 436**		0.403	0.2			
48.00	49.50	1.50	1065016		Gneiss	0.015	1.0			
49.50	51.00	1.50	1065017		Gneiss	0.006	0.5			
51.00	52.50	1.50	1065018		Gneiss	0.011	1.6			
52.50	53.50	1.00	1065019		Gneiss	0.006	0.5			
53.50	54.50	1.00	1065020		Gneiss	0.006	0.3			
54.50	55.60	1.10	1065021		Gneiss	0.019	0.3			
55.60	56.90	1.30	1065022		Bleached Patchy Gneiss	0.025	1.7			
56.90	58.60	1.70	1065023		Bleached Patchy Gneiss	1.469	4.8			
58.60	59.70	1.10	1065024		Bleached Patchy Gneiss	0.013	0.2			
58.60	59.70	1.10	1065025	**Duplicate**	Bleached Patchy Gneiss	0.027	0.3			
59.70	60.80	1.10	1065026		Bleached Patchy Gneiss	0.006	0.2			
60.80	61.90	1.10	1065027		Bleached Patchy Gneiss	0.123	2.4			
61.90	62.95	1.05	1065028		Bleached Patchy Gneiss	0.160	1.7			
62.95	64.55	1.60	1065029		Bleached Patchy Gneiss	0.066	1.0			
64.55	66.05	1.50	1065030		Bleached Patchy Gneiss	0.039	4.2			
66.05	67.55	1.50	1065031		Bleached Patchy Gneiss	0.010	6.4			
67.55	68.85	1.30	1065032		Bleached Patchy Gneiss	0.026	2.9			
68.85	70.10	1.25	1065033		Bleached Patchy Gneiss	0.068	3.4			
70.10	70.10		1065034	**STD: CU 175**		0.903	4.6			
70.10	71.15	1.05	1065035		Bleached Patchy Gneiss	0.194	5.2			
71.15	72.55	1.40	1065036		Bleached Patchy Gneiss	3.032	44.7			
72.55	72.95	0.40	1065037		Bleached Patchy Gneiss	0.781	39.5			
72.95	74.00	1.05	1065038		Mineralized Clay	1.165	47.8			
74.00	74.00		1065039	**Blank**		<0.005	0.2			
74.00	74.85	0.85	1065040		Mineralized Clay	0.365	2.5			
74.85	75.55	0.70	1065041		Mineralized Clay	5.084	>100.0			175
74.85	75.55	0.70	1065042	**Duplicate**	Mineralized Clay	4.054	>100.0			91
75.55	76.50	0.95	1065043		Breccia	0.239	15.1			
76.50	77.50	1.00	1065044		Breccia	0.731	96.0			
77.50	78.70	1.20	1065045		Breccia	2.393	>100.0			109

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Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
78.70	80.20	1.50	1065046		Bleached Gneiss	2.713	45.4			
80.20	81.10	0.90	1065047		Quartz-Feldspar Porphyry	>10.000	77.1	19.8		
81.10	82.60	1.50	1065048		Quartz-Feldspar Porphyry	0.039	6.0			
82.60	84.10	1.50	1065049		Quartz-Feldspar Porphyry	0.178	9.9			
84.10	85.60	1.50	1065050		Quartz-Feldspar Porphyry	0.062	8.8			
85.60	87.10	1.50	1065051		Quartz-Feldspar Porphyry	0.059	9.6			
87.10	87.10		1065052	**STD: PM 436**		0.400	0.2			
87.10	88.60	1.50	1065053		Quartz-Feldspar Porphyry	0.174	4.2			
88.60	90.10	1.50	1065054		Quartz-Feldspar Porphyry	0.157	4.9			
90.10	91.60	1.50	1065055		Quartz-Feldspar Porphyry	0.076	5.0			
91.60	93.00	1.40	1065056		Quartz-Feldspar Porphyry	0.202	10.9			
93.00	93.50	0.50	1065057		Quartz-Feldspar Porphyry	9.635	>100.0			302
93.50	94.00	0.50	1065058		Quartz-Feldspar Porphyry	0.933	28.5			
94.00	94.00		1065059	**Blank**		0.034	1.3			
94.00	95.50	1.50	1065060		Quartz-Feldspar Porphyry	0.088	11.9			
95.50	97.00	1.50	1065061		Quartz-Feldspar Porphyry	0.264	24.3			
97.00	98.50	1.50	1065062		Quartz-Feldspar Porphyry	0.026	3.0			
98.50	100.00	1.50	1065063		Quartz-Feldspar Porphyry	0.024	2.3			
100.00	101.50	1.50	1065064		Quartz-Feldspar Porphyry	0.018	3.4			
101.50	103.00	1.50	1065065		Quartz-Feldspar Porphyry	0.084	4.8			
103.00	104.50	1.50	1065066		Quartz-Feldspar Porphyry	0.030	1.7			
104.50	106.00	1.50	1065067		Quartz-Feldspar Porphyry	0.026	3.6			
106.00	107.50	1.50	1065068		Quartz-Feldspar Porphyry	0.022	9.2			
107.50	109.00	1.50	1065069		Quartz-Feldspar Porphyry	0.014	2.5			
109.00	110.00	1.00	1065070		Quartz-Feldspar Porphyry	0.017	2.6			
110.00	111.05	1.05	1065071		Quartz-Feldspar Porphyry	0.064	3.5			
111.05	111.75	0.70	1065072		Quartz-Feldspar Porphyry	0.496	8.8			
111.75	111.75		1065073	**STD: CU 171**		0.235	13.2			
111.75	113.25	1.50	1065074		BGn, MGn, and FP	0.040	0.4			
113.25	114.75	1.50	1065075		BGn, MGn, and FP	0.012	0.1			
114.75	116.25	1.50	1065076		BGn, MGn, and FP	0.444	1.7			
116.25	117.30	1.05	1065077		BGn, MGn, and FP	0.130	1.0			
117.30	118.50	1.20	1065078		Caticlastic Regime	0.386	2.1			
118.50	119.65	1.15	1065079		Caticlastic Regime	0.151	4.9			
119.65	120.70	1.05	1065080		Caticlastic Regime	0.413	5.3			
120.70	121.90	1.20	1065081		Caticlastic Regime	0.111	2.3			
121.90	123.35	1.45	1065082		Caticlastic Regime	0.385	6.8			
121.90	123.35	1.45	1065083	**Duplicate**	Caticlastic Regime	0.408	5.9			
123.35	124.45	1.10	1065084		Caticlastic Regime	1.038	1.0			
124.45	125.45	1.00	1065085		Caticlastic Regime	2.863	>100.0			149
125.45	126.40	0.95	1065086		Diorite	0.045	0.4			
126.40	127.90	1.50	1065087		Diorite	0.188	0.3			
127.90	129.40	1.50	1065088		Diorite	0.023	0.1			
129.40	130.90	1.50	1065089		Diorite	0.009	<0.1			
130.90	132.40	1.50	1065090		Diorite	0.006	<0.1			
132.40	133.90	1.50	1065091		Diorite	<0.005	<0.1			
133.90	135.40	1.50	1065092		Diorite	<0.005	<0.1			
135.40	135.40		1065093	**STD: CDN-MoS-1**		0.017	0.2			
135.40	136.90	1.50	1065094		Diorite	<0.005	<0.1			
136.90	138.40	1.50	1065095		Diorite	<0.005	<0.1			
138.40	139.90	1.50	1065096		Diorite	<0.005	<0.1			
139.90	141.50	1.60	1065097		Diorite	<0.005	<0.1			
141.50	143.05	1.55	1065098		Diorite	<0.005	<0.1			
143.05	144.82	1.77	1065099		Diorite	<0.005	<0.1			
144.82	EOH									

Charlotte Project
DDH-11-257
Drill Log Summary and Cover Sheet

Hole Id: **DDH11-257**
Property: **Charlotte**
Area: **Flex**
Client: **Ansell Capital Corp.**

Logged By: **N.Struyk**
Date Logged: **June 16-17 2011**

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	NAD83, Zone 8		
Easting:	386806.14 mE	Azimuth:	038 °
Northing:	6881660.42 mN	Dip:	-50 °
Elevation:	1288.60 m	Length:	91.4 m

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	386806 mE	Azimuth:	045 °
Northing:	6881662 mN	Dip:	-50 °
Elevation:	1295 m	Length:	100 m

Drilling Information:

Contractor:	DJ Drilling
Core Diameter:	HQ
Start Date:	14-Jun-2011
End Date:	16-Jun-2011
Casing In:	No
Casing Capped:	No
Units:	Metric

Hole Objective:
Twin DDH 10-243

Hole Summary:
This is a twinned hole of last year's DDH10-243. The hole collared intostrongly faulted unmineralized dark green amphibole mafic gneiss. After a 30cm fault at 19.85m a mafic, felsic and bleached gneiss are interfingered to 38.17m. From 38.17m to 52.85m the hole intersected numerous sulphide rich quartz veins hosted with strongly argillic altered, broken and moderately faulted quartz-feldspar porphyry. Most veins crosscut the core between 20-60° to core axis. Between 52.85m and 91.40m (EOH) the unit intersected amphibole mafic gneiss with intervals of bleached and felsic gneiss. Between 70.85m and 71.65m, a strongly scorodite altered faulted was intersected with strong pyrite, arsenopyrite and sphalerite mineralization. The core becomes only slightly more competent and unmineralized below the mineralized zone through to EOH. The basement gneiss contained 2-3 disseminated and stringers hosting pyrite, but no other sulphides. .The most notable fault below the mineralized is between 68.5-75.9 metres.

Lithology Summary

From	To	Lith	Comment
0.00	9.14	CAS	
9.14	19.85	MGn	
19.85	20.15	MGn-z	
20.15	22.12	BGn-z	
22.12	24.30	MGn	
24.30	34.14	BGn-z	
34.14	35.19	Gn-zx	
35.19	38.17	FZ	
38.17	40.45	QSxVn	
40.45	40.85	QSxVn-x	
40.85	43.00	Gn-zx	
43.00	45.36	QFP/Sx-z	
45.36	47.66	QFP-zx	
47.66	49.40	FP/Gd-z	
49.40	50.09	SxVn	
50.09	51.40	QFP-z	
51.40	52.85	SxVn	
52.85	53.35	Gn-z	
53.35	54.27	FGn	
54.27	56.40	MSch	
56.40	68.50	MGn	
68.50	70.85	Gn	
70.85	71.65	Gn-Z	
71.65	75.90	MGn-z	
75.90	87.10	Gn	
87.10	91.40	MGn	
91.40		EOH	

Charlotte Project
DDH-11-257
Detailed Log

Hole Id:	DDH-11-257
Logged By:	N.Sinyuk

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization							Alteration														Shearing		Fractures		Veins						Breccia						Upper Contact		Lower Contact	
From	To	From	To	Code			Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnizn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	Foliation to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	% Clasts	Rounding	Matrix	% Matrix	Intensity	to CA	Description	to CA	Description
0.00	9.14			CAS		CASING																																									
9.14	19.85			MGn	Mafic Gneiss	Mafic Banded Gneiss. Amphibole with feldspars. Occasional opaque white quartz veins up to 3cm. Hard, siliceous and heavy. Upper 2m are very broken with minor pyrite staining along the fractures. Bedding angles change from 20 deg tca to 50 deg tca. Locally the unit has a sedimentary texture to it. Trace pyrite in blebs and along vein contacts. Within qtz veins, occasional garnets (?) can be seen. Minor hematite seen along fractures. Green chlorite and sericite wisps parallel foliation. Mislatch at 16.77m; core loss.	1	0	0	0	0	0	0	Dark grey to black	3	0		1	0	0	0	2	1	0		2	0	0	0	0	0	0	30-140	-	-	30-60	3	irregular	2	hairline to 3cm		qtz+/-hem	-	-	-	-	-	-	NA	NA	70	Broken, sharp
		9.14	11.80			Very broken core.																																								
		13.72	13.80			Structurally controlled pervasive green chlorite (?) alteration. Could be epidote. Minor sphalerite in associated qtz vein. Contorted contacts suggesting some heat to its emplacement.																																												
		16.50				Felsic bands increase to 1cm.																																											
		19.62	19.72			Mislatch core loss of 3m.																																											
19.85	20.15			MGn-z	Faulted and gougy Mafic Gneiss	Structurally controlled pervasive green chlorite (?) alteration. Could be epidote. Contorted contacts suggesting some heat to its emplacement. As above but very broken with up to 5% gouge. Increase in hematite stained fracture surfaces.	0	0	0	0	0	0	-	Brown-grey	3	0	1	1	0	0	0	4	1	0	0	2	0	0	0	0	0	0	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	70	Broken, sharp	-	broken
20.15	22.12			BGn-z	Faulted Bleached Gneiss	Brecciated and faulted bleached and limonized gneiss. 40-50% gouge. Very broken core. Some relict host lithologies are present. Minor scorodite alteration locally. Fe-oxide and Mn-oxide staining are pervasive along fracture surfaces. Relict qtz veins seen in upper part of unit, otherwards the unit is moderately to very soft.	0	0	0.5	0.5	0	0	vein hosted	tan brown	1	4	2	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	pervasive	50	30-50	4	-	-	-	-	-	-	-	-	-	-	-	-	-	70	Broken, sharp	45	Sharp
		20.57				Two thin (0.5cm) qtz +sph+gal veins with scorodite.																																50												
22.12	24.30			MGn	Mafic Gneiss	Moderately fractured Amphibole chlorite Mafic Gneiss. Well developed gneissic bands at 60 deg tca. Stronger felsic component than above. Limonite is pervasive along fracture surfaces and swirleds (relict pyrite veins at irregular angles throughout). Very fine grained phenos/grains. Hard to discern mineralogy. Sericite wisps along fractures, chlorite is pervasive throughout. Trace pyrite/arsenic.	0.1	.0.1	0	0	0	0	0	Black to dark grey	0	0	1	2	0	0	0	3	0	0	0	3	0	0	0	0	0	pervasive, fracture hosted	60	60	5	60	4	-	-	-	-	-	-	-	-	-	-	-	45	Sharp	-	Faulted
24.30	34.14			BGn-z	Faulted Bleached Gneiss	Alternative felsic/bleached gneiss with mafic gneiss. The unit is extremely faulted and consists of 60% gouge, and 40% ground up core. Original textures are hard to discern. Locally ground up argillic intrusive sections are found.																																										-	sharp and broken
		28.96				Mislatch core loss of 3m.																																										
		31.40	31.93	Bx		Brecciated quartz with clay and limonite.																																										
		32.93	33.74			Strong scorodite altered interval. Still extremely gnoud up consisting of 70% gouge, and 30% broken core. Lower 30cm consists of increase in limonite alteration approaching the lower unit.	0.1	0.1	0	0	0	0	disseminated	green to tan	0	4	4	1	0	0	0	3	1	0	0	0	0	0	0	0	3	pervasive	Cant determine	Cant determine	Cant determine	Cant determine	Cant determine	-	-	-	-	-	-	-	-	-	-	-	-	sharp and broken	Faulted	
34.14	35.19			Gn-zx	breccisated Gneiss	Strongly altered orange brown weakly gneissic rock. The unit has relict gneissic textures at 40-50 deg tca, and rare relict subrounded quartz phenocrysts. The more resistant quartz bands are what identifies this unit as gneiss. Strong limonite and clay alteration overprints. Unit is soft and is easly broken. No visible sulphides, but trace scorodite along fractures.	0	0	0	0	0	0	0	orange brown	0	3	1	0	0	0	0	4	0	0	0	0	0	0	0	0	1	pervasive	35-55	-	-	35-55	4	-	-	-	-	-	-	-	-	-	-	-	-	faulted	-	sharp and faulted @ 60 tca
35.19	38.17			FZ	Faulted	Unidentifiable faulted interval. Unit is 90% gouge and extremely broken rock. Largest piece 4cm. Relict unaltered quartz veins (1-2mm) can be seen through the intense alteration and faulting. Trace pyrite. Minor scorodite alteration.	0.2	0.2	0	0	0	0	0	Pervasive	0	0	1	0	0	0	0	5	0	0	0	0	0	0	0	0	0	Disseminated	-	-	5	-	5	irregular	1	1MM	QTZ		-	-	-	-	-	-	faulted	-	Faulted
38.17	40.45			QSxVn	Quartz sulphide vein	This unit is a scorodite quartz flooded sulphide rich vein with relict gneissic and breccia textures. Fracture surfaces and vugs contain moderate scorodite with only trace pyrite, arseno and sphalerite. Minor limonite staining does occur along veins where relict pyrite can be seen. Trace bright red to pink hematite coatings locally. Most sulphides are so fine grained that it gives the quartz a black appearance, but where the sulphides can not be identified. Locally up to 10% pyrite.	5	1	0.1	1	0	0	disseminated	green yellow	4	2	3	2	0	0	0	1	1	0	0	0	0	0	0	0	2	pervasive, vein	20	-	-	-	-	irregular	90%	-	sulphide	qtz, py, arseno, sph, scor	*-	-	-	-	-	-	broken	sharp	broken	sharp
40.45	40.85			QSxVn-s	faulted Quartz sulphides vein	As above except with increased limonitic gouge and less competent core.	5	1	0.1	1	0	0	disseminated	green yellow	4	2	3	2	0	0	0	3	0	0	0	0	0	0	0	0	2	p	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	sharp	broken	sharp
40.85	43.00			Gn-zx	Altered Gneiss	Strongly altered orange brown weakly gneissic rock. As seen between 34.14-35.19m, except with low recovery.	0.2	0	0	0	0	0	disseminated	brown-orange	1	2	1	0	0	0	0	4	0	0	0	0	0	0	0	0	2	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	sharp	broken	sharp
43.00	45.36			QFP/Sxz	Faulted QFP with suphide veins	Strongly faulted QFP with strong scorodite and sulphide impregnation. The entire unit is gougy and clayey with only trace relict QFP phenos that identify the host lithology. Local deep red hematite alteration can be seen.	0.5	0.5	0	0	0	0	disseminated	pale green	2	3	4	1	0	0	0	1	2	0	0	0	0	0	0	0	3	pervasive, vein controlled	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	sharp	broken	sharp
45.36	47.66			QFP-zx	faulted/brecciated QFP	Pale green to yellow QF porphyry. Strong scorodite alteration. Sulphides are visible along fracture surfaces. QFP texture can been seen with limonite/scorodite envelopes from veins. Vuggy with dark grey to black sulphides throughout. Local hematite alteration. moderately gougy (40%) and broken core.	1	1	0	0.5	0	0	disseminated	pale green	1	2	4	1	0	0	0	2	2	0	0	0	0	0	0	0	3	pervasive, vein controlled	60	-	-	irregular	4	40,130	1	<1mm	-	lim, qtz	-	-	-	-	-	-	broken	sharp	-	gradational
47.66	49.40			FP/Gd-z	FP/Gd-z	Altered feldspar porphyry with moderate to strong scorodite and argillic. Phenos are 1-2mm and have been almost completely replaced by sulphides. Faint gneissic texture at 120 deg tca. Core is very brittle. Has faint brecciated texture. Unit is broken, has poor recovery and consist of 10% gouge.	3	1	0	0.5	0	0	disseminated, clots	grey-green	2	4	3	0	0	0	0	1	1	0	0	0	0	0	0	0	4	pervasive	120	120	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted	120	sharp
49.40	50.09			SxVn	Faulted Sulphide Vn	90% gouge and broken core consisting of pyrite, arseno, scorodite and hematite. Unit has zero competency and breaks apart easily. No textures can be identified. 50% sulphides.	15	2	1	1	0	0	pervasive	Black to dark grey	3	3	2	0	0	0	0	2	0	0	0	0	0	0	0	0	3	pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120	sharp	115	sharp
50.09	51.40			QFP-z	Faulted QFP	Argillic QFP or FP; very soft and gougy. 5-10% pyrite locally with an overall estimate of 5%. Moderate scorodite alteration. Minor pink (kaolinite) can be seen. Relict gneissic textures 40-55 deg tca. Relict pheno are 1-2mm. Trace limonite along fractures.	8	1	0	1	0	0	pervasive	White to grey	3	5	3	0	0	0	0	1	0	0	0	0	0	0	0	0	4	pervasive	40-55	40-55	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	130	sharp and faulted	wavy	sharp
51.40	52.85			SxVn	Faulted Sulphide Vn	Broken and gougy faulted massive sulphide vein. Py, sph, galena, arseno, trace cpy.	50	3	5	4	1	2	massive	Black to dark grey	4	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Fracture hosted	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Wavy	sharp	135	sharp
52.85	53.35			Gn-z	Altered Gneiss	Grey to white sulphide rich gneiss. Sulphide content decreases from above. Pervasive argillic (mont+kaolo?) and scorodite alteration. Weak limonite staining along fractures. Pyrite is seen finely disseminated throughout the unit.	10	2	1	1	tr	1	disseminated	Grey to white	0	3	2	0	0	0	0	1	0	0	0	0	0	0	0	0	5	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	135	sharp	-	faulted
53.35	54.27			FGn	Felsic Gneiss	Strongly limonitic Gneiss. Extremely broken and gougy.	1	0	0	0	0	0	disseminated	orange brown	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted	80	Sharp
54.27	56.40			MSch		Mafic phenocrysts schist? Looks like gneiss except it has not been subjected to the same amount of shearing. 1-2mm phenos. Limonite staining is moderate at top of unit and decreases downhole. Hardness increases away from upper contact. Minor disseminated pyrite and arsenic. Orange brown sericite whips contour mafic phenos, garnets?	1	0.5	0	0	0	0	disseminated, vein controlled	orange black	2	0	1	2	0	0	0	2	0	0	0	0	0	0	0	0	0	pervasive along foliation	-	-	-	-	-	110	1	.5cm		qtz, py, chl, feldspar	-	-	-	-	-	-	80	Sharp	-	broken and gougy
		56.00	56.25			Quartz/silica flood interval. Upper contact at 135 deg tca, lower at 110 deg tca. Trace pyrite. Has a felsic sandstone type appearance.																																											
56.40	68.50			MGn	Mafic Gneiss	Well developed amphibole matic gneiss with 3-4% pyrite along fractures and in stringers as well as disseminated throughout the unit. Stringers parallel foliation at 50 deg tca. Foliation ranges from 0-20 deg tca, although it becomes more regular at 50 deg tca lower in the unit. Unit becomes increasingly chlorite altered down hole as well as qtz+feldspar veins.	4	1	0	0	0	0	disseminated/v eins	grey to black	4	0	1	1	1	0	0	2	0	0	0	2	0	0	0	0	0	pervasive	40-55	40-55	-	irregular	2	irregular	5	<0.5cm		qtz, py, arse+feldspar	-	-	-	-	-	-	-	broken and gougy		
		65.00	66.00			Green chl+si+epi? Altered interval. Hard, has a hornfels sound to it. Hematite and pyrite along fracture surfaces.																																											
		66.54	66.74			Massive quartz vein with py+sphalerite stringers																																										
68.50	70.85			Gn	Gneiss	Strongly altered limonitic gneiss with strong relict banding. Moderately broken gougy with some core loss. Moderate scorodite alteration with minor argillic. Relict banding.																																											
70.85	71.65			Gn-Z	Faulted Gneiss	Strongly scorodite altered gneiss. Pale green to white with strong banding at 50 deg tca, veins of qtz + sulphides crosscut earlier brecciated. Py+arsen+sphalerite. Broken and gougy.	4	1	0	1	0	0	fracture controlled, disseminated	pale green to white	3	4	4	1	0	0	0	1	1	0	0	0	0	0	0	0	5	pervasive	40-50	-	-	-	-	40-50	-	<2mm	-	sulph+qtz	Gn, rounded	75	-	-	-	-	60	sharp	-	faulted
71.65	75.90			MGn-z	Faulted Mafic Gneiss	Strongly limonitic Gneiss, Very broken and soft core. Quartz veins with pyrite +1cm, parallel foliation at 50 deg tca. Pyrite is seen in clots, weakly parallel to foliation. Minor Mn staining along fracture surfaces. Broken rock lithologies grade and in and out of matic and felsic gneisses.																																										-	faulted		
75.90	87.10			Gn	Gneiss	Felsic gneisses with 0.5-2cm quartz veins parallel to foliation at 55 deg tca. Some qtz veins have pyrite "lenses". Well developed muscovite books with yellow sericite wisps. Short intervals of silica flooding. Disseminated pyrite seen throughout unit. Strong limonite along fracture surfaces. Feldspar + quartz veins cross cut unit. Minor hematite seen in veins.	qtz veins vn																																										50-60	broken	50	sharp
		82.40	82.55			Fault gouge at 60 deg tca.																																										
87.10	91.40			MGn	Mafic Gneiss	Mafic dioritic gneiss. Strong propylitic alteration with chlorite+amp throughout. Limonite staining along fracture surfaces is still prevalent. Disseminated pyrite is seen throughout as well as in stringers, but no other sulphide. Very silicious.	4	0	0	0	0	0	0	0	5	0	0	2	0	0	0	3	1	0	0	3	0	0	0	0	0	pervasive	50-60	-	-	50-60	2	30-60	4	hairline to 1cm		qtz+py+felds	-	-	-	-	-	-	50	sharp	NA	
		88.41	88.61			Quartz flooding with pyrite stringers. No other sulphides observed.																																										
91.40				EOH																																											

Charlotte Project
DDH-11-257
Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field
50	15.24	13.6	36.1	-49.3	58764
60	18.29	13.8	36.3	-49.2	58143
70	21.34	16.7	39.2	-49.2	58029
80	24.39	15	37.5	-49.2	57620
90	27.44	13.5	36	-49.3	57668
100	30.49	13.9	36.4	-49	57544
110	33.54	14.6	37.1	-49.2	57787
120	36.59	14.5	37	-49.3	57782
130	39.63	15.8	38.3	-49.6	57604
140	42.68	14.1	36.6	-49.5	57718
150	45.73	16	38.5	-49.7	57786
160	48.78	15.9	38.4	-49.8	57625
170	51.83	15	37.5	-50	57559
180	54.88	12.9	35.4	-49.8	57781
190	57.93	17.8	40.3	-49.9	56308
200	60.98	19.5	42	-49.9	58044
210	64.02	15.5	38	-49.9	57636
220	67.07	15.8	38.3	-49.8	57540
230	70.12	12.9	35.4	-49.8	57387
240	73.17	15.4	37.9	-49.9	57434
250	76.22	14.8	37.3	-50.1	57518
260	79.27	14.1	36.6	-50.1	57719
270	82.32	14	36.5	-50.2	57746
280	85.37	13	35.5	-50.1	57604

Charlotte Project
DDH-11-257
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
9.15	10.67	1.52	1064913		Mafic Gneiss	0.006	0.2			
10.67	12.00	1.33	1064914		Mafic Gneiss	<0.005	0.1			
10.67	12.00	1.33	1064915	**Duplicate**	Mafic Gneiss	<0.005	0.1			
12.00	13.50	1.50	1064916		Mafic Gneiss	0.006	0.2			
13.50	15.00	1.50	1064917		Mafic Gneiss	<0.005	<0.1			
15.00	16.50	1.50	1064918		Mafic Gneiss	<0.005	<0.1			
16.50	20.12	3.62	1064919	Core Lose	Mafic Gneiss	<0.005	0.1			
20.12	21.12	1.00	1064920		Faulted Bleached Gneiss	1.235	18.5			
21.12	22.12	1.00	1064921		Faulted Bleached Gneiss	0.317	3.0			
22.12	23.20	1.08	1064922		Mafic Gneiss	<0.005	0.1			
23.20	24.30	1.10	1064923		Mafic Gneiss	<0.005	0.2			
24.30	29.00	4.70	1064924	Core Lose	Faulted Bleached Gneiss	<0.005	0.7			
29.00	29.00		1064925	**STD: PM 432**		2.056	0.1			
29.00	30.30	1.30	1064926		Faulted Bleached Gneiss	0.008	0.7			
30.30	31.40	1.10	1064927		Faulted Bleached Gneiss	1.93	9.2			
31.40	32.93	1.53	1064928		Faulted Bleached Gneiss	6.406	33.5			
32.93	34.14	1.21	1064929		Faulted Bleached Gneiss	0.654	16.2			
34.14	35.19	1.05	1064930		Brecciated Gneiss	0.012	0.2			
35.19	36.50	1.31	1064931		Faulted	1.522	4.4			
36.50	38.19	1.69	1064932		Faulted	2.209	4.2			
38.19	39.20	1.01	1064933		Quartz Sulphide Vein	0.844	8.8			
39.20	40.45	1.25	1064934		Quartz Sulphide Vein	1.704	15.5			
40.45	40.45		1064935	**Blank**		<0.005	<0.1			
40.45	43.00	2.55	1064936	Poor Recovery	Altered Gneiss	0.946	20.6			
43.00	43.75	0.75	1064937		QFP with Sulphide Veins	2.119	58.3			
43.75	44.60	0.85	1064938		QFP with Sulphide Veins	2.232	49.0			
44.60	44.60		1064939	**STD: PM 1138**		1.540	>100.0		103	
44.60	45.36	0.76	1064940		QFP with Sulphide Veins	0.331	9.0			
45.36	46.40	1.04	1064941		Faulted/Brecciated QFP	1.336	34.2			
46.40	47.66	1.26	1064942		Faulted/Brecciated QFP	0.829	13.0			
47.66	49.40	1.74	1064943	Poor Recovery	FP/Gd-z	1.039	11.2			
49.40	50.09	0.69	1064944		Faulted Sulphide Vein	2.528	>100.0	2.4	>300	371
50.09	50.09		1064945	**Blank**		0.005	0.5			
50.09	51.40	1.31	1064946		Faulted QFP	1.026	65.6			
51.40	52.85	1.45	1064947		Faulted Sulphide Vein	0.012	0.5			
52.85	52.85		1064948	**Blank**		>10.000	>100.0	151.1	>300	2550
52.85	53.35	0.50	1064949		Altered Gneiss	0.857	67.0			
53.35	54.27	0.92	1064950		Felsic Gneiss	0.078	5.0			
54.27	55.40	1.13	1064951		Mafic Schist	0.016	0.6			
55.40	56.40	1.00	1064952		Mafic Schist	0.007	0.3			
56.40	57.50	1.10	1064953		Mafic Gneiss	0.024	1.1			
57.50	59.85	2.35	1064954	Poor Recovery	Mafic Gneiss	0.006	0.2			
57.50	59.85	2.35	1064955	**Duplicate**	Mafic Gneiss	0.015	0.6			
59.85	61.50	1.65	1064956		Mafic Gneiss	<0.005	0.1			
61.50	63.00	1.50	1064957		Mafic Gneiss	0.009	0.3			
63.00	64.10	1.10	1064958		Mafic Gneiss	<0.005	0.1			
64.10	65.15	1.05	1064959		Mafic Gneiss	0.009	0.2			
65.15	66.00	0.85	1064960		Mafic Gneiss	<0.005	<0.1			
66.00	67.00	1.00	1064961		Mafic Gneiss	0.040	1.3			
67.00	68.50	1.50	1064962		Mafic Gneiss	<0.005	0.2			
68.50	68.50		1064963	**STD: PM 436**		0.402	0.2			
68.50	69.50	1.00	1064964		Gneiss	0.124	1.2			
69.50	70.85	1.35	1064965		Gneiss	0.071	0.9			
70.85	71.65	0.80	1064966		Faulted Gneiss	0.171	1.7			
71.65	73.00	1.35	1064967		Faulted Mafic Gneiss	0.027	1.5			
73.00	74.40	1.40	1064968		Faulted Mafic Gneiss	0.012	0.2			
74.40	75.90	1.50	1064969		Faulted Mafic Gneiss	0.011	0.1			
75.90	77.50	1.60	1064970		Gneiss	0.008	<0.1			
77.50	79.00	1.50	1064971		Gneiss	<0.005	<0.1			
79.00	80.50	1.50	1064972		Gneiss	<0.005	0.4			
80.50	82.00	1.50	1064973		Gneiss	<0.005	<0.1			
82.00	83.50	1.50	1064974		Gneiss	<0.005	0.4			
83.50	85.50	2.00	1064975		Gneiss	<0.005	0.3			
85.50	85.50		1064976	**Blank**		<0.005	<0.1			
85.50	87.10	1.60	1064977		Gneiss	0.018	1.0			

Charlotte Project
DDH-11-257
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
87.10	88.50	1.40	1064978		Mafic Gneiss	<0.005	<0.1			
88.50	90.00	1.50	1064979		Mafic Gneiss	0.007	<0.1			
90.00	91.40	1.40	1064980		Mafic Gneiss	<0.005	<0.1			
91.40	EOH									

Charlotte Project
DDH-11-258
Drill Log Summary and Cover Sheet

Hole Id:	**DDH-11-258**		
Property:	**Charlotte**	Logged By:	**A. Paquet**
Area:	**Flex**	Date Logged:	**June 22-24, 2011**
Client:	**Ansell Capital Corp.**		

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	**NAD83, Zone 8**		
Easting:	**386775.54 mE**	Azimuth:	**045 °**
Northing:	**6881663.88 mN**	Dip:	**-52 °**
Elevation:	**1288.63 m**	Length:	**105.79 m**

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	**386777 mE**	Azimuth:	**045 °**
Northing:	**6881664 mN**	Dip:	**-50 °**
Elevation:	**1283 m**	Length:	**100 m**

Drilling Information:

Contractor:	**DJ Drilling**
Core Diameter:	**HQ**
Start Date:	**17-Jun-2011**
End Date:	**19-Jun-2011**
Casing In:	**No**
Casing Capped:	**No**
Units:	**Metric**

Hole Objective:

25m step-out west of 10-243/11-257

Hole Summary:

DDH-11-258 is dominated by gneiss with minor interfingered schist and clay throughout the entire length. The gneiss is weakly mineralized by an average of 1% pyrite and varies from bleached/clay altered limonitic gneiss to biotite-chlorite mafic gneiss. Foliation is well defined generally at 50-60° to CA. A cataclastic zone was intersected between 55.30 and 64.35 metres and contains 5% pyrite cubes and stringers, as well as traces of galena, sphalerite and arsenopyrite. This interval represents the Hanging Wall vein. Within this interval, a few 10 cm patches of dark-grey, hematite altered clay are found at 58.50m and 62.40m and contain 15% semi-massive pyrite and at least 5% very fine grained sulphides. Similar cataclastic zones are found at 70.75-77.15 metres and 83.85-89.00 metres, which represent the Main vein and possibly a Main vein stringer respectively. No intrusions were noted in this hole, although the fault zone between 70.6-75.9 metres has a faint intrusive appearance. Contains less faults in the upper section of the hole compared to the first 4 holes. The hole terminates in a mafic garnetiferous gneiss at 105.79 metres.

Lithology Summary

From	To	Lith	Comment
0.00	9.15	**CAS**	
9.15	9.35	**OB**	
9.35	23.60	**Sch**	
23.60	25.20	**BGn**	
25.20	28.50	**MGn**	
28.50	31.00	**BGn?**	
31.00	32.90	**BGn**	
32.90	37.55	**Cly**	
37.55	38.70	**Sch**	
38.70	41.30	**BGn**	
41.30	48.85	**MGn**	
48.85	50.90	**BGn?**	
50.90	55.30	**Cly**	
55.30	64.35	**BGn?**	
64.35	66.70	**MGn**	
66.70	68.21	**BGn**	
68.21	70.75	**Vn**	
70.75	77.15	**BGn**	
77.15	83.85	**MGn**	
83.85	89.00	**BGn**	
89.00	105.79	**Gn**	
105.79		**EOH**	

Charlotte Project
DDH-11-258
Detailed Log

Hole Id:	DDH-11-258
Logged By:	A. Paquet

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization							Alteration																				Shearing		Fractures		Veins				Brecciation					Upper Contact		Lower Contact	
From	To	From	To	Code			Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnizn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	Foliation to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	% Clasts	Rounding	Matrix	% Matrix	Intensity	to CA	Description	to CA	Description
0.00	9.15			CAS		CASING																																										
9.15	9.35			OB	Boulders	Recovered overburden.																																											
9.35	23.60			Sch	Muscovite schist	Green-grey colour. Schistocity trends 135 deg tca, crenulation noted occasionally at 40 deg tca. Muscovite schist is intruded by fg mafic dykes on the scale of ~1m, unit is platy and schistose. In muscovite rich sections, limonite bands are common and some qtz leucosomes are still intact. Dykes contain up to 30% interstitial chlorite. Pervasive, fg qtz phenos are also present about 35% overall. Minor patches of less schistose material contain chlorite alteration and weak sericite and are moderately silica altered. One isolated discontinuous stringer bearing epidote, sub parallel tca, associated with trace pyrite (no mineralization seen elsewhere). A few quartz veinlets (2-4cm), in line with foliation sometimes sharp, sometimes irregular, cracked.	0.1	0	0	0	0	0	trace	green-grey	2	0	0	2	0	0	0	2	0	0	0	2	0	1	0	0	patchy	135	135	2	many	4	60	2	1-2cm	after deformatio n	qtz	-	-	-	-	-	-	n/a	n/a	130	5 cm of orangey-clay gouge, no perfectly planar
		13.41	17.85			Up to 50% greissic leucosomes, clear folding seen in foliation, arcs from 30 to 130 deg tca over 80cm. Melanosomes of biotite within dyke, could be logged as MGn but fresh breaks are quite schistose. Gradual contacts.																																											
23.60	25.20			BGn	Bleached gneiss	Foliated at 60 deg tca, thin (<1mm) alternating fg bands of qtz and orangey-green clay (weakly chl altered?). Limonite healed hairline fracturing at many angles (somewhat stockwork at 20, 145, 155 deg tca, etc), sometime offsets foliation at 155 deg tca. Moderate limonite and silica alteration, typically not together. 3% qtz veinlets; one is brecciated and irregular ~1cm at 140 deg tca with some chl at contact; a few are sharp ~0.5cm at 125 deg tca often lined with limonite. Minor manganese on frequent lim-rich fracturing, sharp but no preferred orientation.	0	0	0	0	0	0		Orangey-whitish brown	0	3	0	2	0	0	0	3	0	0	0	1	0	0	0	4	pervasive, banded	60	-	-	many	4	125, 140	3	0.5-1cm	sharp or brecciated	qtz	-	-	-	-	-	-	130	5 cm of orangey-clay gouge, no perfectly planar	60	sharp
25.20	28.50			MGn	Biotite-chlorite mafic gneiss	Biotite, quartz and chlorite fg gneissic grey. Foliation at 40-60 deg tca with scattered crenulations at 140 deg tca. Moderately fractured with limonite and MgO on many fractures. Three 2cm bands of light green sericite and chlorite associated with 1% blebby pyrite, sometimes leached out. No veining or groundmass mineralization observed.	0.1	0	0	0	0	0	in ser	Dark greenish-grey.	0	0	0	2	0	0	0	2	0	0	0	3	0	0	0	0	pervasive, banded	40-60	40-60	2	many	4	-	-	-	-	-	-	-	-	-	-	-	-	60	sharp	-	obscured by 50cm of rubble
28.50	31.00			BGn?	Orange-brown clay brecciated by MgO	60% orange-brown clay brecciated by 40% dendritic manganese. Clasts are angular or irregular due to percolating MgO. Minor patch of schistose muscovite at 60 deg tca. Limonite alteration is strong, hence orangery-brown colour. Manganese decreases over last meter, patches of BGn seen in this area, probable protolith.	0	0	0	0	0	0		Orangey brown and black	0	3	0	1	0	0	0	4	0	0	0	0	0	0	0	2	brecciated	-	-	-	many	4	-	-	-	-	-	cly	60	AG	MgO	40	2	-	obscured by 50cm of rubble	-	grades over 15 cm
31.00	32.90			BGn	Altered gneiss	Whitish gneiss with greenish-grey hue. Foliation generally trends 130 deg tca, much of gneissic texture has been washed away by strong alteration by white clay (sometimes yellow) and weak alteration by scorodite (green hue). Minor spilotches of chl, in line with foliation, possibly a remnant from an earlier stage of alteration/metamorphism. Limonite is weak is healed fractures that vary from scattered to closely spaced and anastomosing. MgO found in some fractures. Vuggy, sometimes cubic suggesting pyrite has leached out, otherwise no sulphides observed. 3% anastomosing silica veinlets (1-3cm)	0	0	0	0	0	0		White with greenish-grey hue	0	4	2	1	0	0	0	1	0	0	0	1	0	0	0	4	pervasive	130	-	-	many	4	40, 70	3	1-4cm	anastomo sing	qtz	BGn	99	AG	lim	1	1	-	grades over 15 cm	-	15cm of crumbly clay
			31.95			4cm qtz vein occurs as a chunk with non planar, oxidized, limonite and chlorite plated contacts surrounded by crumbly rock. Quartz is aphanitic, dark grey or white. Possibly vfg disseminated sulphides gives dark grey colour.																																									
32.90	37.55			Cly	Orange brown clay	Intense spilotchy and wispy limonite and white clay alteration. Original texture has been obliterated. Up to 5% 2mm phenocrysts of qtz are preserved. Mineralization not seen until 30cm before lower contact. Protolith is BGn, inferred from competent chunk and surrounding rock.	0.5	0	0	0	0	0	wisps	Orangey-brown and white	0	4	0	0	0	0	0	3	0	0	0	1	0	0	0	5	pervasive	-	-	-	many	3	-	-	-	-	-	-	-	-	-	-	-	-	-	15cm of crumbly clay	125	fairly sharp
		34.25	34.65			Increase in competence, gneissic foliation at 40 deg tca and MgO brecciation, same as 28.50-31.00m.																																												
		36.20	36.65			White clay, weakly scorodite altered, 3% grey fg unknown mineral is mixed with clay and hard to indentify.																																												
		36.65				Increase in competence, gneissic foliation at 40 deg tca and MgO brecciation, same as 28.50-31.00m. 3% pyrite wisps as lower contact is approached.																																												
37.55	38.70			Sch	Biotite-chlorite schist	Dark brownish-green. 45% fg biotite, 25% interstitial chlorite, 20% thinly banded limonite, 5% muscovite. One pyrite stringer, 2mm, at 140 deg tca, lined with limonite. 5% manganese healed, splayed fractures. Foliation at 30-50 deg tca and is often wispy. Seems to be sheared contact zone.	0.5	0	0	0	0	0	stringer	Dark brownish-green	0	0	0	0	0	0	0	3	0	0	0	4	0	0	0	0	pervasive	30-50	30-50	2	many	4	140	0.1	2mm	stringer	py, lim	-	-	-	-	-	-	125	fairly sharp	-	sheared, oxidized, over 1m
38.70	41.30			BGn		Orangey-white bleached gneiss, foliated at 120-140 deg tca, some micro-folding. Alternating mm-scale bands of fg qtz and orangey-green clay. Limonite healed hairline fracturing at many angles, most commonly in line with foliation and often cross-cutting at 40 deg tca. 3% qtz leucosomes are occasionally 5mm wide, possibly veining in line with foliation? First meter is rubbly and intensely limonite and clay altered, not much texture is preserved.	0	0	0	0	0	0		Orangey-white	1	3	0	1	0	0	0	4	0	0	0	0	0	0	0	4	pervasive	120-140	-	-	many	4	-	-	-	-	-	BGn	99	AG	lim	1	1	-	sheared, oxidized, over 1m	-	grades over 20cm
			39.30			Crushed chunks of semi-translucent white qtz vein.																																											
41.30	48.85			MGn	Biotite-chlorite mafic gneiss	Biotite, chlorite, sericite and muscovite fg gneiss. Dark green. Foliation at 130 deg tca. Moderate fracturing is stained with limonite, limonite also healed fractures at many angles, but typically in line with foliation, sometimes offsetting to foliation. Trace pyrite is often found in these healed fractures, seems to have been present before limonite weathering which altered the same plane of weakness that originally allowed the pyrite mineralization. No mineralization observed in groundmass. Leucosome bands are up to 4cm wide and sericitic.	0.1	0	0	0	0	0	stringer	Dark green	0	0	0	2	0	0	0	3	0	0	0	4	0	0	0	0	pervasive, banded	130	130	2	many	4	130, many	2	2mm	healed fracture	lim-py	BGn	99	AG	lim	1	1	-	grades over 20cm	70	Sub planer, followed by rubble
48.85	50.90			BGn?	Transitional zone	Intense limonite and clay alteration. Some fg qtz leucosomes visible at 130 deg tca, but texture has mostly been overprinted by weathering. Rubbly, somewhat vuggy, minor MgO.	0	0	0	0	0	0		Orangey-brown and white	0	3	0	0	0	0	0	5	0	0	0	0	0	0	0	3	pervasive	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	Sub planer, followed by rubble	-	abrupt, irregular rubble
50.90	55.30			Cly	Clay	Alternating brownish-orange and dark brownish-green clay. Minor muscovite. Patchy brecciation. Protolith texture almost entirely gone due to clay, but some patches suggest BGn. Trace pyrite.	0.1	0	0	0	,1	0.1	blebby	alternating	1	3	1	1	0	0	0	3	1	0	0	1	0	0	0	3	patchy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	sil or vfg sulphides +hem	5	SR or RD	clay	95	4	-	abrupt, irregular rubble	-	change in colour and competence
		50.90	52.45	Cly-x		Limonite gradually fades from weak to strong over interval. Scorodite alteration is weak near top of interval and is associated with ~40% rounded qtz up to 4mm in diameter. Toward center of unit, <3% qtz is subrounded and up to 3cm in diameter.	0	0	0	0	0	0																																				
		52.45	53.95			Dark brownish-green rubble. Friable and vfg, probably muscovite, chl and clay. Some fragments have sheen, possibly due to shearing? No mineralization.	0	0	0	0	0	0																																				
		53.95	55.30			Limonite rich clay.	0	0	0	0	0	0																																				
55.30	64.35			BGn?	Cataclastic mineralized rock	Mineralized zone of interlingering dark-grey qtz and yellow-white-green clay. Moderated scorodite and silica alteration, moderately bleached vuggy. 5% sulphides overall, most commonly mg cubic pyrite blebby and in veinlets. Galena and sphalerite 1% overall, focused in dark-grey qtz veins (a few measured at 120, 130 and 140 deg tca), this type of veining comprises about 25% of rock. This zone has a cataclastic appearance, often brecciated, with anastomosing veins. Original texture has been obliterated but similar rock types in other holes suggest greissic protolith. A few dark grey, 10cm patches of moderately hematite altered clay have strong scent of sulphur, 5% cubic pyrite and 20% vgf dark-grey sulphides. Patchy weak limonite.	5	0.1	0.5	0.5	0.1	1	vfg, vein	Grey, yellow, white	3	3	3	0	0	0	0	2	2	0	0	0	0	0	0	3	patchy	-	-	-	many	4	120, 130, 140, etc	25	1mm-4cm	mineralize d	qtz-py-gal-sph	-	-	-	-	-	-	-	change in colour and competence	~40	no planar qtz vein, limonite halos obscure
		57.40	57.90			1% pyrite, limonite and clay rubble. Trace chalcopyrite.	1	0	0	0	0.1	0	cubic																																				
			58.50			10cm dark-grey patch, moderately silica and hematite altered with 15% semi-massive pyrite, smells strongly of sulphur probably contains f.g sphalerite.																																												
			62.40			10cm dark-grey patch, moderately silica and hematite altered with 15% semi-massive pyrite, smells strongly of sulphur probably contains f.g sphalerite.																																												
64.35	66.70			MGn	Medium grey-green chlorite gneiss	Fg chlorite, biotite and sericite gneiss. Foliation at 110-120 deg tca with 0.5% pyrite focused along foliation. 3cm anastomosing qtz vein appears folded. Moderate, patchy silica alteration. Weak limonite healed fractures, often but not always in line with foliation, increases to moderate at lower contact. Rubble at lower contact makes it hard to pinpoint.	0.5	0	0	0	0	0	along foliation	Medium grey-green	3	0	0	3	0	0	0	2	0	0	0	3	0	0	0	0	Patchy, pervasive	110-120	110-120	2	45, 120	3	irreg	1	3cm	anastomo sing	qtz	-	-	-	-	-	-	-	no planar qtz vein, limonite halos obscure	-	rubbley, limonite altered
66.70	68.21			BGn		Moderately bleached greissic, clay-limonite-sericite alteration overprints most of original texture. 5% pyrite, found in stockwork stringers and veinlets, pyrite sometimes percolates in a dendritic manner from these stringers/veinlets. Pyrite also as 1mm cubes throughout unit, often leached forming cubic cavities. Foliation is only present in small spilotches and varies in direction. 1% anastomosing veinlets of chunky-qtz. Trace sooridite in fractures. Spilotchy moderate limonite.	5	0	0	0	0	0	stockwork, cubes	Orangey-brown -white	0	3	1	2	0	0	0	3	0	0	0	0	0	0	0	3	Patchy, pervasive	-	-	-	many	4	~45	1	1cm	anastomo sing	qtz	BGn(-lim)	95	AG	py	5	1	-	rubbley, limonite altered	-	rubbley, abrupt
68.21	70.75			Vn		Dark grey sulphide rich qtz veining, 30% fg disseminated pyrite. Grey clay on fractures, weak limonite. Patch with trace hematite stockwork. Weak scorodite alteration. Wispy texture, incorporates about 5% chunks of BGn with indistinct boundaries, contain shadows of clay altered phenocrysts ~1mm. Strong scent of sulphur. Trace sphalerite.	30	0	0	0.1	0	0	dis	Dark grey	0	1	2	0	0	0	0	1	1	0	0	0	0	0	0	2	wispy	-	-	-	40, 130	3	wispy	90		mineralize d	py>>qtz	-	-	-	-	-	-	-	rubbley, abrupt	160	sharp followed by lim clay gouge
		70.15	70.75	BGn		Above veined rock gradually fades to bleached greiss.																																										
70.75	77.15			BGn	Mineralized bleached gneiss	Mineralized zone of yellow-white-grey clay. Original texture has been mostly obliterated, weak foliation changing from 120 to 80 deg tca suggesting folding (or possibly simply brecciation/rotation). Patchy weak scorodite and silica alteration, moderately bleached vuggy, with up to 10% rounded grains (1-4mm) of qtz. 8% fg pyrite blebby and defining foliation. Trace galena and sphalerite blebs. Similar to 64.35-66.70m. Patchy weak limonite.	8	0	0.1	0.1	0	0	bleb, foliated	yellow-white-grey	2	4	2	1	0	0	0	1	0	0	0	0	0	0	0	4	pervasive	80-120	-	-	many	3	-	-	-	-	-	-	-	-	-	-	-	-	160	sharp followed by lim-clay gouge	~120	from BGn to 20cm of Gd then Di
		70.75				Moderate limonite.																																										
77.15	83.85			MGn	Dioritic gneiss	Biotite, chlorite and white clay fg and moderately foliated at 55 deg tca. Diorite protolith still mostly intact. Upper 1.5m is schistose and contains 10% muscovite. Dark grey and medium grained. Some elongated white clays, ~1x3mm. Trace pyrite. Trace white qtz veinlet (2-5mm) is in line with foliation, possibly not a crenulation because no other quartz is seen in groundmass. 1% carbonate stringers (<1mm) usually in line with foliation at 55 deg tca, some at 170 deg tca are cross-cutting and offsetting by a few mm. Trace hematite and carbonate in groundmass. Epidote alteration is moderate over last m.	0.5	0	0	0	0	0	dis	Dark grey	0	0	0	0	0	2	0	1	1	0	0	3	0	0	2	2	pervasive	55	55	1	55	2	1	55, 170	<1mm	cross-cutting	carb	-	-	-	-	-	-	~120	from BGn to 20cm of Gd then Di	-	grades patchily over 40cm
		80.10	80.40			Increased qtz veining, 20% overall, 1-5cm at ~40 deg tca, weakly anastomosing. Associated with wispy chl+epi, marks beginning of epi alteration. Pyrite stringer cuts through larger veinlet at 50 deg tca, later stage mineralization.																																												
83.85	89.00			BGn	Banded/mineralized light coloured gneiss	Orange-brownish-white. Strongly banded by limonite at 60 deg tca until 85.1m. After this point, rock returns to same rock as 70.75-77.15m. Foliated at 60 deg tca with cross-cutting pyrite stringers at 160 deg tca, 5% pyrite overall, disseminated and stockwork.	5	0	0.1	0.1	0	0	dis, stockwork, blebs	Orange-brownish-white	2	2	0	1	0	0	0	1	3	0	0	0	0	0	0	3	banded, pervasive	60	-	-	3	60, many	60, 160	3	<1mm	stockwork	py	-	-	-	-	-	-	-	grades patchily over 40cm	125	fracture with 2cm lim halo
			86.30			1cm ankerite veinlet at 150 deg tca, slightly undulating, lined with blebs of sphalerite and galena, up to 0.2x1cm.																																												
			88.70			Pyrite veinlet at 60 deg tca in line with foliation, 0.7cm wide.																																											
89.00	105.79			Gn	Medium greyish-green gneiss	Well foliated at 50-60 deg tca, fg gneiss, 50% qtz, 50% pyroxene? (hard and black, probably includes some biotite). Light green-yellow banding towards bottom, probably sericite. Moderate pervasive silica and chlorite, 1-3% interstitial pyrite stringers, sometimes in line with foliation. 1% light pink scattered phenocrysts 1-3mm in diameter, equant probably garnet. Moderate limonite, in bands and fractures.	1	0	0.1	0	0	0	stringers	Medium greyish-green	3	0	0	1	0	0	0	3	0	0	0	3	0	0	0	0	pervasive	50-60	-	-	3	many	many	1	<1mm	stringers	py	-	-	-	-	-	-	125	fracture with 2cm lim halo	-	
		96.65	105.79			Limonite increases to strong, banded. Moderate sericite, weakly bleached, moderate silica.																																												
			104.15			Trace galena in stronger at 110 deg tca.																																											
			103.40			20 cm fg patch, homogenous yellow-green patch, sericite and chlorite? Hard, possibly dyke? No mineralization.																																												
105.79				ECH																																												

Charlotte Project
DDH-11-258
Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field
42	12.80	23.4	45.9	-52	58777
52	15.85	22.9	45.4	-51.9	58367
62	18.90	21.3	43.8	-51.9	57959
72	21.95	21.7	44.2	-52	57857
82	25.00	23.6	46.1	-52	57884
92	28.05	22.9	45.4	-52	57869
102	31.10	23.1	45.6	-52.1	57824
112	34.15	22.2	44.7	-52.1	57746
122	37.20	22.2	44.7	-52.1	57743
132	40.24	22.6	45.1	-52.1	57772
142	43.29	22.6	45.1	-52.3	57644
152	46.34	23.8	46.3	-52.5	57729
162	49.39	21	43.5	-52.2	57617
172	52.44	22.6	45.1	-52.5	57631
182	55.49	22.2	44.7	-52.6	57611
192	58.54	23.4	45.9	-52.4	57732
202	61.59	23.1	45.6	-52.5	57577
212	64.63	22.4	44.9	-52.7	57723
222	67.68	23.7	46.2	-52.8	57672
232	70.73	21	43.5	-52.8	57567
242	73.78	22.3	44.8	-52.8	57604
252	76.83	21	43.5	-52.7	57690
262	79.88	24.2	46.7	-53.2	57690
272	82.93	22.4	44.9	-52.8	57606
282	85.98	23.8	46.3	-53	57601
292	89.02	21.3	43.8	-53.1	57522
302	92.07	22.9	45.4	-53.1	56988
312	95.12	23.4	45.9	-53.1	57390
322	98.17	23.8	46.3	-53.2	57703
332	101.22	22.9	45.4	-53.1	57732

Charlotte Project
DDH-11-258
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
9.35	10.85	1.50	1065100		Muscovite Schist	<0.005	<0.1			
10.85	12.35	1.50	1065101		Muscovite Schist	<0.005	<0.1			
12.35	13.85	1.50	1065102		Muscovite Schist	<0.005	<0.1			
13.85	15.35	1.50	1065103		Muscovite Schist	<0.005	<0.1			
15.35	16.35	1.00	1065104		Muscovite Schist	<0.005	<0.1			
16.35	16.35		1065105	**STD: PM 404**		0.389	1.2			
16.35	17.85	1.50	1065106		Muscovite Schist	<0.005	<0.1			
17.85	19.25	1.40	1065107		Muscovite Schist	<0.005	<0.1			
19.25	20.75	1.50	1065108		Muscovite Schist	<0.005	<0.1			
20.75	22.25	1.50	1065109		Muscovite Schist	<0.005	<0.1			
22.25	23.60	1.35	1065110		Muscovite Schist	<0.005	0.3			
23.60	25.20	1.60	1065111		Bleached Gneiss	0.006	<0.1			
25.20	26.70	1.50	1065112		Biotite-Chlorite Mafic Gneiss	0.006	<0.1			
26.70	27.95	1.25	1065113		Biotite-Chlorite Mafic Gneiss	<0.005	<0.1			
27.95	28.50	0.55	1065114		Biotite-Chlorite Mafic Gneiss	<0.005	<0.1			
28.50	28.50		1065115	**Blank**		<0.005	<0.1			
28.50	29.82	1.32	1065116		Orange-Brown Clay Breccia	0.006	<0.1			
29.82	31.00	1.18	1065117		Orange-Brown Clay Breccia	0.223	3.6			
31.00	31.80	0.80	1065118		Altered Gneiss	0.965	7.5			
31.80	32.90	1.10	1065119		Altered Gneiss	8.260	11.3			
32.90	34.40	1.50	1065120		Orange Brown Clay	0.089	2.0			
34.40	35.30	0.90	1065121		Orange Brown Clay	0.073	3.4			
35.30	36.65	1.35	1065122		Orange Brown Clay	0.297	8.5			
36.65	37.55	0.90	1065123		Orange Brown Clay	0.012	1.3			
37.55	38.70	1.15	1065124		Biotite-Chlorite Schist	<0.005	<0.1			
38.70	38.70		1065125	**STD: PM 436**		0.396	0.1			
38.70	39.80	1.10	1065126		Bleached Gneiss	0.024	0.5			
39.80	41.30	1.50	1065127		Bleached Gneiss	<0.005	<0.1			
41.30	42.80	1.50	1065128		Biotite-Chlorite Mafic Gneiss	0.009	0.1			
42.80	44.30	1.50	1065129		Biotite-Chlorite Mafic Gneiss	0.013	0.2			
44.30	45.50	1.20	1065130		Biotite-Chlorite Mafic Gneiss	0.015	<0.1			
45.50	47.87	2.37	1065131	Poor Recovery	Biotite-Chlorite Mafic Gneiss	<0.005	0.1			
47.87	48.85	0.98	1065132		Biotite-Chlorite Mafic Gneiss	<0.005	0.2			
48.85	49.90	1.05	1065133		Transitional zone	0.009	0.7			
49.90	50.90	1.00	1065134		Transitional zone	0.033	1.0			
50.90	52.45	1.55	1065135		Clay	0.698	39.1			
50.90	52.45	1.55	1065136	**Duplicate**	Clay	0.597	36.1			
52.45	53.95	1.50	1065137		Clay	0.084	1.9			
53.95	55.30	1.35	1065138		Clay	<0.005	0.2			
55.30	56.35	1.05	1065139		Cataclastic Mineralized Rock	2.600	19.7			
56.35	57.40	1.05	1065140		Cataclastic Mineralized Rock	2.497	35.5			
57.40	57.90	0.50	1065141		Cataclastic Mineralized Rock	0.729	4.9			
57.90	59.20	1.30	1065142		Cataclastic Mineralized Rock	3.016	22.7			
59.20	59.20		1065143	**Blank**		<0.005	<0.1			
59.20	60.05	0.85	1065144		Cataclastic Mineralized Rock	4.897	>100.0	4.9	230	216
60.05	61.00	0.95	1065145		Cataclastic Mineralized Rock	1.492	53.7			
61.00	61.85	0.85	1065146		Cataclastic Mineralized Rock	0.970	>100.0	0.9		133
61.85	62.55	0.70	1065147		Cataclastic Mineralized Rock	>10.000	>100.0	16.0	256	
62.55	63.40	0.85	1065148		Cataclastic Mineralized Rock	2.536	>100.0	2.6		175
63.40	63.40		1065149	**STD: PM 925**		>10.000	>100.0	12.0		
63.40	64.35	0.95	1065150		Cataclastic Mineralized Rock	0.189	3.5			
64.35	65.50	1.15	1065151		Grey-Green Chlorite Gneiss	0.007	0.4			
65.50	66.70	1.20	1065152		Grey-Green Chlorite Gneiss	<0.005	0.3			
66.70	67.50	0.80	1065153		Bleached Gneiss	<0.005	0.2			
67.50	68.30	0.80	1065154		Bleached Gneiss	0.227	1.3			
68.30	69.20	0.90	1065155		Sulphide Rich Veining	0.099	4.5			
69.20	70.15	0.95	1065156		Sulphide Rich Veining	1.556	28.1			
69.20	70.15	0.95	1065157	**Duplicate**	Sulphide Rich Veining	0.598	96.8			
70.15	70.75	0.60	1065158		Mineralized Bleached Gneiss	0.289	13.3			
70.75	71.60	0.85	1065159		Mineralized Bleached Gneiss	0.400	16.5			
71.60	72.60	1.00	1065160		Mineralized Bleached Gneiss	0.462	11.1			
72.60	73.70	1.10	1065161		Mineralized Bleached Gneiss	0.563	10.6			
73.70	75.00	1.30	1065162		Mineralized Bleached Gneiss	0.954	9.2			
75.00	75.90	0.90	1065163		Mineralized Bleached Gneiss	>10.000	>100.0	10.3	200	
75.90	77.15	1.25	1065164		Mineralized Bleached Gneiss	0.454	1.2			

Charlotte Project
DDH-11-258
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
77.15	78.65	1.50	1065165		Dioritic Gneiss	0.016	0.4			
78.65	80.10	1.45	1065166		Dioritic Gneiss	0.010	0.1			
80.10	81.00	0.90	1065167		Dioritic Gneiss	0.009	0.1			
81.00	82.35	1.35	1065168		Dioritic Gneiss	<0.005	<0.1			
82.35	83.85	1.50	1065169		Dioritic Gneiss	<0.005	0.1			
83.85	85.00	1.15	1065170		Banded/Mineralized Gneiss	0.046	1.9			
85.00	86.00	1.00	1065171		Banded/Mineralized Gneiss	0.486	2.7			
86.00	86.85	0.85	1065172		Banded/Mineralized Gneiss	0.805	13.3			
86.85	86.85		1065173	**Blank**		<0.005	<0.1			
86.85	88.00	1.15	1065174		Banded/Mineralized Gneiss	0.140	1.2			
88.00	88.85	0.85	1065175		Banded/Mineralized Gneiss	0.030	<0.1			
88.85	90.45	1.60	1065176		Grey-Green Gneiss	0.009	0.8			
90.45	91.95	1.50	1065177		Grey-Green Gneiss	0.009	<0.1			
91.95	93.45	1.50	1065178		Grey-Green Gneiss	<0.005	<0.1			
93.45	94.95	1.50	1065179		Grey-Green Gneiss	<0.005	<0.1			
94.95	96.65	1.70	1065180		Grey-Green Gneiss	<0.005	<0.1			
96.65	98.15	1.50	1065181		Grey-Green Gneiss	<0.005	<0.1			
98.15	99.70	1.55	1065182		Grey-Green Gneiss	0.012	0.4			
99.70	99.70		1065183	**STD: PM 436**		0.382	0.2			
99.70	101.15	1.45	1065184		Grey-Green Gneiss	<0.005	<0.1			
101.15	102.65	1.50	1065185		Grey-Green Gneiss	<0.005	0.1			
102.65	104.20	1.55	1065186		Grey-Green Gneiss	0.022	2.1			
104.20	105.79	1.59	1065187		Grey-Green Gneiss	0.017	1.6			
105.79	EOH									

Charlotte Project
DDH-11-259
Drill Log Summary and Cover Sheet

Hole Id: **DDH-11-259**
Property: **Charlotte**
Area: **Flex**
Client: **Ansell Capital Corp.**

Logged By: **A. Paquet**
Date Logged: **June 25-29, 2011**

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	NAD83, Zone 8		
Easting:	386852.87 mE	Azimuth:	079 ^{0}
Northing:	6881551.49 mN	Dip:	-50 ^{0}
Elevation:	1274.98 m	Length:	163.72 m

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	0386847 mE	Azimuth:	078 ^{0}
Northing:	6881551 mN	Dip:	-50 ^{0}
Elevation:	1277 m	Length:	120 m

Drilling Information:

Contractor:	DJ Drilling
Core Diameter:	HQ
Start Date:	17-Jun-2011
End Date:	19-Jun-2011
Casing In:	No
Casing Capped:	No
Units:	Metric

Hole Objective:
Re-drill DDH-11-247

Note: Block missed at 67 feet, add ten feet to every block beyond this point. Driller chose not to charge the extra 10 feet due to their error, so at the end of the year the footage on the bill from DJ will be 10 less that the CMG records.

Hole Summary:
DDH-11-259 collars into bleached gneiss, which has a weakly schistose texture in patches near the surface. The rock is faulted from 21.65-50.30m, with interfingered mafic gneiss and clay throughout. Solid bleached gneiss from 50.30-117.99m is variably limonite altered with a clay fault zone from 109.10-111.55m. This interval has numerous small quartz veins and is weakly mineralized throughout by pyrite, trace galena and sphalerite. There are two 10cm veins with semi-massive pyrite and sphalerite at 56.25m and 59.75m. At 138.85m a small bleb of molybdenite is observed. The recovery from 111.55-117.99m is very poor, only a few feet are present. A quartz vein containing 7% pyrite and trace ankerite veinlets occurs at 117.99-118.85m. After this a quartz feldspar porphyry intrudes until 128.15m, containing several centimetre scale veinlets of quartz and 2% pyrite overall; this mineralization is not typical of the other QFPs seen thus far this year. A quartz-scorodite-pyrite vein from 128.15-129.40m is one of the more promising intervals of this hole, containing trace sphalerite and galena. From 129.40-163.72m, the end of the hole, altering gneiss and mafic gneiss are limonite and sericite altered, with an average of 3% pyrite.

Lithology Summary

From	To	Lith	Comment
0.00	12.30	**CAS**	
9.15	12.30	**OB**	
12.30	21.65	**BGn**	
21.65	27.35	**Sch-z**	
27.35	33.30	**BGn-z**	
33.30	39.80	**MGn-z**	
39.80	42.85	**BGn/Cly**	
42.85	45.00	**MGn-z**	
45.00	50.30	**Cly-z**	
50.30	54.70	**BGn**	Limonite
54.70	71.60	**BGn**	
71.60	81.40	**BGn**	Limonite
81.40	91.30	**BGn**	
91.30	109.10	**BGn**	Limonite
109.10	111.55	**Cly-z**	
111.55	117.99	**BGn?**	
117.99	118.85	**Vn**	
118.85	128.15	**QFP**	
128.15	129.40	**Vn**	
129.40	146.70	**Gn**	
146.70	148.35	**MGn**	
148.35	161.00	**Gn**	
161.00	163.00	**MGn**	
163.00	163.72	**Gn**	
163.72		**EOH**	

Charlotte Project
DDH-11-259
Detailed Log

Hole Id:	DDH-11-259
Logged By:	A. Paquet

| Primary Intervals | | Secondary Intervals | | Lith | Lithology | Description | Mineralization | | | | | | | Alteration | | | | | | |

Charlotte Project
DDH-11-259
Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field
65	19.82	56.6	79.10	-49.70	58600
75	22.87	53.5	76.00	-49.60	57550
85	25.91	56.9	79.40	-49.60	57492
95	28.96	55.9	78.40	-49.50	58030
105	32.01	54.4	76.90	-50.10	57368
115	35.06	57.4	79.90	-49.60	57463
125	38.11	54.9	77.40	-49.90	57509
135	41.16	55.2	77.70	-49.90	57241
145	44.21	52.5	75.00	-49.90	56906
155	47.26	53.9	76.40	-50.00	57611
165	50.30	55.6	78.10	-50.10	57706
175	53.35	55.7	78.20	-50.10	57629
185	56.40	55.8	78.30	-50.10	57593
195	59.45	54.9	77.40	-50.30	57616
205	62.50	55.9	78.40	-50.30	57582
215	65.55	54.5	77.00	-50.30	57459
225	68.60	55.8	78.30	-50.50	57569
235	71.65	54.9	77.40	-50.50	57519
245	74.70	54.9	77.40	-50.40	57459
255	77.74	55.6	78.10	-50.50	57501
265	80.79	54.8	77.30	-50.50	57447
275	83.84	54.4	76.90	-50.60	57376
285	86.89	54.9	77.40	-50.40	57435
295	89.94	54.1	76.60	-50.60	57425
305	92.99	55.2	77.70	-50.60	57452
315	96.04	54.3	76.80	-50.50	57424
325	99.09	54.4	76.90	-50.50	57394
335	102.13	55.7	78.20	-50.40	57496
345	105.18	56	78.50	-50.40	57535
355	108.23	54.5	77.00	-50.40	57393
365	111.28	54.4	76.90	-50.60	57465
375	114.33	54.4	76.90	-50.50	57454
385	117.38	55.6	78.10	-50.70	57415
395	120.43	56.2	78.70	-50.70	57545
405	123.48	53.9	76.40	-50.90	57422
415	126.52	55.3	77.80	-51.00	57462

Charlotte Project
DDH-11-259
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
12.30	13.70	1.40	1065188		Bleached Qtz-Feld Gneiss	<0.005	0.4			
13.70	15.00	1.30	1065189		Bleached Qtz-Feld Gneiss	<0.005	0.4			
15.00	16.10	1.10	1065190		Bleached Qtz-Feld Gneiss	0.006	0.3			
16.10	16.10		1065191	**Blank**		<0.005	<0.1			
16.10	17.40	1.30	1065192		Bleached Qtz-Feld Gneiss	0.007	0.8			
17.40	19.90	2.50	1065193	mislatch	Bleached Qtz-Feld Gneiss	0.045	1.8			
19.90	21.00	1.10	1065194		Bleached Qtz-Feld Gneiss	<0.005	1.0			
21.00	21.65	0.65	1065195		Bleached Qtz-Feld Gneiss	<0.005	0.2			
21.65	23.15	1.50	1065196		Bleached Muscovite Schist	0.013	1.2			
23.15	24.50	1.35	1065197		Bleached Muscovite Schist	0.054	1.9			
24.50	26.00	1.50	1065198		Bleached Muscovite Schist	0.035	2.0			
26.00	27.35	1.35	1065199		Bleached Muscovite Schist	0.179	2.3			
27.35	28.85	1.50	1065200		Orange-Brown Rubble	0.174	1.0			
28.85	30.90	2.05	1065201	poor recovery	Orange-Brown Rubble	0.007	0.6			
30.90	32.60	1.70	1065202		Orange-Brown Rubble	0.013	1.3			
32.60	32.60		1065203	**STD: PM 925**		>10.000	>100.0	11.9	178	167
32.60	33.30	0.70	1065204		Orange-Brown Rubble	0.205	1.6			
33.30	34.80	1.50	1065205		Mafic Gneiss w/ BGn-Clay	0.011	<0.1			
34.80	36.55	1.75	1065206		Mafic Gneiss w/ BGn-Clay	0.006	0.1			
36.55	38.65	2.10	1065207	poor recovery	Mafic Gneiss w/ BGn-Clay	<0.005	<0.1			
38.65	39.80	1.15	1065208		Mafic Gneiss w/ BGn-Clay	<0.005	<0.1			
39.80	41.05	1.25	1065209		Rubble Clay Altered Gneiss	0.480	1.9			
41.05	41.90	0.85	1065210		Rubble Clay Altered Gneiss	0.020	0.9			
41.90	42.85	0.95	1065211		Rubble Clay Altered Gneiss	0.017	0.8			
42.85	43.95	1.10	1065212		Mafic Gneiss w/ BGn-Clay	<0.005	0.2			
42.85	43.95	1.10	1065213	**Duplicate**	Mafic Gneiss w/ BGn-Clay	0.005	0.1			
43.95	45.00	1.05	1065214		Mafic Gneiss w/ BGn-Clay	0.009	0.1			
45.00	46.50	1.50	1065215		Faulted Clay	0.033	1.3			
46.50	47.65	1.15	1065216		Faulted Clay	0.917	2.9			
47.65	49.10	1.45	1065217		Faulted Clay	0.045	2.3			
49.10	50.30	1.20	1065218		Faulted Clay	0.045	0.7			
50.30	51.80	1.50	1065219		Limonite Bleached Gneiss	<0.005	0.2			
51.80	53.30	1.50	1065220		Limonite Bleached Gneiss	<0.005	0.6			
53.30	54.70	1.40	1065221		Limonite Bleached Gneiss	<0.005	0.1			
54.70	55.90	1.20	1065222		Bleached Gneiss	0.031	3.0			
55.90	55.90		1065223	**STD: PM 436**		0.379	0.2			
55.90	56.90	1.00	1065224		Bleached Gneiss	1.573	7.6			
56.90	58.10	1.20	1065225		Bleached Gneiss	0.083	5.5			
58.10	59.05	0.95	1065226		Bleached Gneiss	>10.000	>100.0	20.7	>300	370
59.05	59.35	0.30	1065227		Bleached Gneiss	>10.000	>100.0	38.6	>300	2259
59.05	59.05		1065228	**Blank**		0.060	2.6			
59.05	60.30	1.25	1065229		Bleached Gneiss	4.756	>100.0	4.2		104
60.30	61.30	1.00	1065230		Bleached Gneiss	0.175	6.6			
61.30	62.80	1.50	1065231		Bleached Gneiss	0.354	4.8			
62.80	64.30	1.50	1065232		Bleached Gneiss	0.156	0.6			
64.30	65.15	0.85	1065233		Bleached Gneiss	0.012	0.6			
65.15	65.80	0.65	1065234		Bleached Gneiss	3.370	>100.0			157
65.80	66.75	0.95	1065235		Bleached Gneiss	0.461	3.4			
66.75	67.70	0.95	1065236		Bleached Gneiss	0.207	7.2			
67.70	68.45	0.75	1065237		Bleached Gneiss	0.484	2.5			
68.45	69.30	0.85	1065238		Bleached Gneiss	2.230	40.6			
69.30	70.45	1.15	1065239		Bleached Gneiss	0.218	2.3			
70.45	71.60	1.15	1065240		Bleached Gneiss	0.064	2.4			
71.60	72.70	1.10	1065241		Limonite Bleached Gneiss	<0.005	0.3			
72.70	73.70	1.00	1065242		Limonite Bleached Gneiss	0.026	0.9			
73.70	73.70		1065243	**STD: PM 925**		>10.000	>100.0	11.7		167
73.70	75.20	1.50	1065244		Limonite Bleached Gneiss	0.071	0.9			
75.20	76.30	1.10	1065245		Limonite Bleached Gneiss	0.012	0.4			
76.30	77.20	0.90	1065246		Limonite Bleached Gneiss	<0.005	0.2			
77.20	78.40	1.20	1065247		Limonite Bleached Gneiss	<0.005	0.3			
78.40	79.90	1.50	1065248		Limonite Bleached Gneiss	0.010	0.9			
79.90	81.40	1.50	1065249		Limonite Bleached Gneiss	0.147	4.7			
81.40	82.45	1.05	1065250		Bleached Gneiss	0.177	5.4			
82.45	83.50	1.05	1065251		Bleached Gneiss	0.106	6.5			
83.50	84.50	1.00	1065252		Bleached Gneiss	1.232	17.8			

Charlotte Project
DDH-11-259
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
84.50	85.90	1.40	1065253		Bleached Gneiss	0.280	5.3			
85.90	87.00	1.10	1065254		Bleached Gneiss	0.135	4.8			
87.00	88.30	1.30	1065255		Bleached Gneiss	0.754	5.3			
88.30	89.85	1.55	1065256		Bleached Gneiss	2.606	27.9			
89.85	90.55	0.70	1065257		Bleached Gneiss	>10.000	>100.0	18.6	116	117
90.55	91.35	0.80	1065258		Bleached Gneiss	>10.000	97.4	7.1		91
91.35	91.35		1065259	**Blank**		0.018	0.3			
91.35	92.15	0.80	1065260		Limonite Bleached Gneiss	6.415	16.5			
92.15	94.15	2.00	1065261	poor recovery	Limonite Bleached Gneiss	0.020	2.5			
94.15	95.95	1.80	1065262	poor recovery	Limonite Bleached Gneiss	0.025	2.0			
95.95	97.10	1.15	1065263		Limonite Bleached Gneiss	0.032	1.1			
97.10	98.10	1.00	1065264		Limonite Bleached Gneiss	0.017	1.3			
98.10	99.60	1.50	1065265		Limonite Bleached Gneiss	0.021	1.4			
99.60	101.10	1.50	1065266		Limonite Bleached Gneiss	<0.005	0.5			
101.10	102.60	1.50	1065267		Limonite Bleached Gneiss	<0.005	0.2			
101.10	102.60	1.50	1065268	**Duplicate**	Limonite Bleached Gneiss	<0.005	0.3			
102.60	104.10	1.50	1065269		Limonite Bleached Gneiss	<0.005	0.3			
104.10	105.60	1.50	1065270		Limonite Bleached Gneiss	<0.005	0.5			
105.60	106.20	0.60	1065271		Limonite Bleached Gneiss	<0.005	0.6			
106.20	109.10	2.90	1065272	poor recovery	Limonite Bleached Gneiss	0.051	1.0			
109.10	110.25	1.15	1065273		Light Grey Clay	0.043	0.6			
110.25	111.55	1.30	1065274		Light Grey Clay	0.106	1.4			
111.55	114.94	3.39	1065275	poor recovery	Poor Recovery	0.158	3.2			
114.94	117.99	3.05	1065276	poor recovery	Poor Recovery	0.064	2.0			
117.99	118.85	0.86	1065277		Vein	0.056	7.4			
118.85	120.20	1.35	1065278		Limonite QFP	0.025	4.3			
120.20	120.20		1065279	**STD: PM 436**		0.418	0.2			
120.20	120.80	0.60	1065280		Limonite QFP	0.350	10.9			
120.80	122.70	1.90	1065281	poor recovery	Limonite QFP	2.043	12.8			
122.70	124.20	1.50	1065282		Limonite QFP	0.033	0.8			
124.20	125.70	1.50	1065283		Limonite QFP	<0.005	1.4			
125.70	126.45	0.75	1065284		Limonite QFP	0.009	1.4			
126.45	127.30	0.85	1065285		Limonite QFP	0.032	9.5			
127.30	128.15	0.85	1065286		Limonite QFP	0.647	5.3			
128.15	128.80	0.65	1065287		Vein	4.253	8.6			
128.80	129.40	0.60	1065288		Vein	4.901	>100.0	4.8	>300	326
129.40	129.40		1065289	**Blank**		0.011	<0.1			
129.40	130.18	0.78	1065290		Limonite Sericite Gneiss	0.082	3.8			
130.18	131.70	1.52	1065291		Limonite Sericite Gneiss	0.217	4.7			
131.70	133.23	1.53	1065292		Limonite Sericite Gneiss	0.339	5.6			
133.23	134.70	1.47	1065293		Limonite Sericite Gneiss	0.070	4.7			
134.70	136.20	1.50	1065294		Limonite Sericite Gneiss	0.101	1.3			
136.20	137.70	1.50	1065295		Limonite Sericite Gneiss	<0.005	0.4			
137.70	139.20	1.50	1065296		Limonite Sericite Gneiss	<0.005	0.2			
139.20	140.70	1.50	1065297		Limonite Sericite Gneiss	<0.005	0.1			
140.70	142.20	1.50	1065298		Limonite Sericite Gneiss	0.030	2.0			
142.20	142.20		1065299	**STD: PM 925**		>10.000	>100.0			
142.20	143.50	1.30	1065300		Limonite Sericite Gneiss	0.160	2.3			
143.50	145.10	1.60	1065301		Limonite Sericite Gneiss	0.277	6.3			
145.10	146.70	1.60	1065302		Limonite Sericite Gneiss	<0.005	0.2			
146.70	147.65	0.95	1065303		Silicified Chlorite Gneiss	<0.005	0.2			
147.65	148.35	0.70	1065304		Silicified Chlorite Gneiss	<0.005	0.2			
148.35	149.80	1.45	1065305		Limonite Sericite Gneiss	<0.005	0.3			
149.80	151.30	1.50	1065306		Limonite Sericite Gneiss	<0.005	0.3			
151.30	152.70	1.40	1065307		Limonite Sericite Gneiss	<0.005	0.3			
152.70	154.20	1.50	1065308		Limonite Sericite Gneiss	<0.005	0.3			
154.20	155.70	1.50	1065309		Limonite Sericite Gneiss	<0.005	0.3			
154.20	155.70	1.50	1065310	**Duplicate**	Limonite Sericite Gneiss	<0.005	0.3			
155.70	156.85	1.15	1065311		Limonite Sericite Gneiss	<0.005	0.1			
156.85	158.00	1.15	1065312		Limonite Sericite Gneiss	<0.005	0.2			
158.00	159.50	1.50	1065313		Limonite Sericite Gneiss	<0.005	0.2			
159.50	161.00	1.50	1065314		Limonite Sericite Gneiss	<0.005	0.2			
161.00	162.00	1.00	1065315		Silicified Chlorite Gneiss	<0.005	0.1			
162.00	163.00	1.00	1065316		Silicified Chlorite Gneiss	<0.005	<0.1			
163.00	163.72	0.72	1065317		Limonite Sericite Gneiss	<0.005	0.1			

Charlotte Project
DDH-11-259
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
163.72	EOH									

Charlotte Project
DDH-11-260
Drill Log Summary and Cover Sheet

Hole Id: **DDH-11-260**
Property: **Charlotte**
Area: **Flex**
Client: **Ansell Capital Corp.**

Logged By: **N. Struyk**
Date Logged: **July 13, 2011**

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	NAD83, Zone 8		
Easting:	386863.84 mE	Azimuth:	078 ^{0}
Northing:	6881528.63 mN	Dip:	-50 ^{0}
Elevation:	1271.86 m	Length:	63.41 m

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	0386860 mE	Azimuth:	078 ^{0}
Northing:	6881523 mN	Dip:	-50 ^{0}
Elevation:	1277 m	Length:	

Drilling Information:

Contractor:	DJ Drilling
Core Diameter:	HQ
Start Date:	20-Jun-2011
End Date:	22-Jun-2011
Casing In:	No
Casing Capped:	No
Units:	Metric

Hole Objective:
This hole was collared to test the southern extension of the Flex Zone. A new hole was created when the drillers were reaming due to difficult drilling. When they reduced to NQ, the NQ rods went straight where as the HQ had shallowed considerably. The NQ hole was renamed DDH-11-260B. Sampling ended at 45.12m, where 260B commenced.

Hole Summary:
The hole collared in very broken felsic gneiss to 17.68m. From 17.68m to 39.16m the hole intersected a large interval of mafic gneisses with smaller intervals of felsic and bleached gneisses. Between 32.93m and 33.13m, the hole intersected small sulphide rich jigsaw breccia and from 50.50m to 63.41m was another sulphide rich breccia. The end of hole is at 63.41m due to a creation of a new hole (DDH-11-260B) during the reaming.

Lithology Summary

From	To	Lith	Comment
0.00	9.15	**CAS**	Casing
9.15	17.68	**FGn**	Felsic Gneiss
17.68	20.43	**MGn**	Mafic Gneiss
20.43	20.83	**FGn**	Felsic Gneiss
20.83	32.93	**MGn**	Mafic Gneiss
32.93	33.13	**Bx**	Sulphide breccia
33.12	39.16	**MGn**	Mafic Gneiss
39.16	45.12	**BGn**	Bleached Felsic Gneiss
45.12	50.66	**MGn**	Mafic Gneiss
50.66	60.50	**BGn**	Bleached Felsic Gneiss
60.50	63.41	**SV-x**	Brecciated Sulphide vein
63.41		**EOH**	

Charlotte Project
DDH-11-260
Detailed Log

Hole Id:	DDH-11-260
Logged By:	N. Smyk

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization							Alteration														Foliation	Shearing		Fractures		Veins						Brecciation							Upper Contact		Lower Contact	
From	To	From	To	Code			Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	% Clasts	Rounding	Matrix	% Matrix	Intensity	to CA	Description	to CA	Description
0.00	9.15			CAS		CASING																																											
9.15	17.68			FGn	Felsic Gneiss	Strongly silicified white to cream felsic Gneiss. Has a quartzite appearance. Pale yellow and green bands with minor reddish (realgar)staining parallel to foliation observed locally. Pyrite observed in thin <1mm lenses with thin halo of goethite. Strong weathering gives the unit a patchy alteration appearance with small irregularly shapes silicified patches throughout. The silica patches have diss pyrite with minor black sulphide irregularly haloing the grains. Photo at 14.10m of qtz vein and gneissosity. Very broken and poor recovery. Vuge.3-6mm observed scattered throughout.	1	tr	-	-	-	-	diss	brown to grey	4	2	1	1	0	0	0	4	0	0	0	0	0	0	0	0	2	pervasive, patchy	150	-	-	-	strong	irregular	1	less than 1cm	broken, planar	qtz	-	-	-	-	-	-	-	NA	-	Faulted
		11.29	11.59			Increase in silica flooding with black unidentifiable sulphides as envelope the pyrite, minor breccia appearance.	1.5	tr						grey	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	pervasive																				
17.68	20.43			MGn	Mafic Gneiss	Very broken dark green to grey gneiss. Weakly contorted quartz vein parallel foliation. Minor chlorite. No observed sulphides. Extremely poor recovery. 90% gouge from 20.28-20.43m.	0	0	0	0	0	0	-	dark green to grey	3	0	0	0	0	0	0	2	0	0	0	3	0	0	0	0	pervasive vein controlled	-	-	-	-	-	-	2	2-3mm	planar	qtz	-	-	-	-	-	-	-	faulted	-	Faulted
20.43	20.83			FGn	Felsic Gneiss	Very broken cream to pale yellow fine grained gneiss. Has an igneous protolith appearance. Moderate pale orange to tan coloured weather-limonite. Minor clay/gouge along fractures. Quartz veins consist of 1-2% of unit and are contorted and broken. Relict D-pyrite veins (0.5mm pyrite centres with 1cm silica envelope with the pyrite eroded away) are seen crosscutting the unit.																																													
20.83	32.93			MGn	Mafic Gneiss	Very broken medium grained green to grey mafic quartz-chlorite gneiss. Strongly gneissic with variable amounts of weathering. Localised intervals have a coarse grained appearance but could be differential-fracture hosted weathering. 3-5% disseminated pyrite throughout. Strongly silicified, foliation at 60 deg tca. Rare weakly vuggy quartz veins runs parallel to foliation	4	0	0	0	0	0	diss	grey-green	5	0	0	0	0	0	0	2	0	0	0	3	0	0	0	0	fracture hosted, pervasive	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	-	broken
32.93	33.13			Bx	Sulphide breccia	Black matrix hosting quartz phenos/clasts. 5-7% pyrite. Black to dark grey matrix.	7	0	0	0	0	0	diss	black to grey	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	pervasive	-	-	-	-	-	-	-	-	-	quartz	20	SA	quart-sulphides	80	5	-	broken	-	broken
33.12	39.16			MGn	Mafic Gneiss	Moderately weathered, strongly broken quartz-chlorite gneiss. Minor Mn oxide on fracture surfaces. Strong foliation at 60 deg tca. Relic 1mm pyrite veins where the pyrite has altered to limonite and has a limonitic envelope up 1cm from veins. Veins crosscut foliation at irregular angles. Patches of bleaching 10-20cm surrounding vuggy veins. No visible sulphides. Minor amphibole.	0	0	0	0	0	0	-	grey to green	4	2	0	0	0	0	0	2	0	0	0	3	0	0	0	0	fracture controlled, pervasive flooded	60	-	-	-	-	130	1	0.2mm	relict pyrite	limonite	-	-	-	-	-	-	-	broken	-	broken
		36.89	39.16			Increase in silica flooding, 2-3% disseminated pyrite locally, 1% overall.	1	0	0	0	0	0	diss	grey	5	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0																				
39.16	45.12			BGn	Bleached Felsic Gneiss	Cream to pale brown quartz banded bleached felsic gneiss. Individual bands have a quartzite appearance with qtz bands (veins?) parallel to foliation at 65 deg tca. Strongly limonitic coating to moderate silica flooding.	0	0	0	0	0	0	-	pale tan to cream	4	3	0	0	0	0	0	3	0	0	0	0	0	0	0	0	Pervasive, fracture controlled	60	-	-	-	-	60	4	0.5cm	qtz	qtz	-	-	-	-	-	-	50	broken	-	broken
45.12	50.66			MGn	Mafic Gneiss	Mafic amphibole chlorite gneiss with patches of bleached Gn interlingered. Strongly silicified with 1-2% pyrite, trace arseno disseminated throughout. Well developed banding at 115 deg tca. Quartz banding parallel to foliation. Weak sericite alteration. Localised pinky feldspar lining veins.	2	0.5	0	0	0	0	diss	grey to green	5	3	0	0	0	0	0	2	0	0	3	0	0	0	0	0	Pervasive, fracture controlled	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	-	broken
		45.54	47.17			Bleached intervsl																																											
		50.18	50.40			Bleached and silicified interval.																																											
50.66	60.50			BGn	Bleached Felsic Gneiss	Silicified sericite felsic Gneiss. Has a strong quartzite appearance. Pale yellow to green. Limonite staining along foliation, trace py and black sooty sulphides. Foliation at 60-70 deg tca. Late hairline relict pyrite veins have altered to limonite and cross cut foliation at irregular angles. Occasional large quartz veins up to 1.5cm and containing vugs. Mn oxide staining along fractures.	tr	tr	0	0	0	0	fracture coated	pale green to cream	4	3	3	3	0	0	0	2	0	0	0	0	0	0	0	2	Pervasive, fracture controlled	60-70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	-	broken
60.50	63.41			SV-x	Breccciated Sulphide vein	Dark grey vuggy sulphide rich breccia. Host FGn has a pale green colouration. Disseminated and clotty pyrite throughout. Blebby galena and sphalerite associated with the galena are seen throughout. Matrix supported intervals contain quartz clasts. Vugs up to 1cm are seen throughout. Orpiment and limonite seen in vugs. Unit observed in DDH-11-260b at 56.8m.	10	1	1	1	0	0	diss, blebby	grey	5	1	3	1	0	0	0	2	0	0	0	0	0	0	0	0	Pervasive, fracture controlled	-	-	-	-	-	-	-	-	-	quartz	30-70	Rounding	quart-sulphides	30-70	4	-	broken	-	NA
63.41					EOH																																										

Charlotte Project
DDH-11-260
Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field
None Taken - Hole was lost					

Charlotte Project
DDH-11-260
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
9.15	14.00	4.85	1065716		Felsic Gneiss	0.034	0.7			
14.00	17.68	3.68	1065717		Felsic Gneiss	0.017	0.6			
17.68	20.43	2.75	1065718		Mafic Gneiss	<0.005	0.2			
20.43	22.00	1.57	1065719		Mafic Gneiss	<0.005	0.1			
22.00	23.50	1.50	1065720		Mafic Gneiss	<0.005	<0.1			
23.50	26.83	3.33	1065721		Mafic Gneiss	<0.005	<0.1			
26.83	32.93	6.10	1065722		Mafic Gneiss	<0.005	<0.1			
32.93	33.13	0.20	1065723		Sulphide Breccia	<0.005	0.2			
33.13	36.89	3.76	1065724		Mafic Gneiss	<0.005	0.2			
36.89	36.89		1065725	**STD: PM 436**		0.415	0.2			
36.89	39.16	2.27	1065726		Bleached Felsic Gneiss	<0.005	0.1			
39.16	42.07	2.91	1065727		Bleached Felsic Gneiss	<0.005	0.3			
39.16	45.12	3.05	1065728		Bleached Felsic Gneiss	0.062	0.6			
45.12	EOH									

Charlotte Project
DDH-11-260b
Drill Log Summary and Cover Sheet

Hole Id: **DDH-11-260b**
Property: **Charlotte**
Area: **Flex Zone**
Client: **Ansell Capital Corp.**

Logged By: **L. Binnion**
Date Logged: **June 30 - July 9, 2011**

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	NAD83, Zone 8		
Easting:	386863.84 mE	Azimuth:	071 ⁰
Northing:	6881528.63 mN	Dip:	-50 ⁰
Elevation:	1271.86 m	Length:	350.00 m

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	0386860 mE	Azimuth:	078 ⁰
Northing:	6881523 mN	Dip:	-50 ⁰
Elevation:	1277 m	Length:	120 m

Drilling Information:

Contractor:	DJ Drilling
Core Diameter:	NQ
Start Date:	22-Jun-2011
End Date:	30-Jun-2011
Casing In:	No
Casing Capped:	No
Units:	Metric

Hole Objective:
25m step-out from out from DDH-10-246 and 247.

Difficult drilling for DDH-11-260 and 260b. HQ rods for 260 used as casing for DDH-11-260b, lost most of these rods when hole was shutdown.

Moved block 314.94m back 40cm because it seemed out of place.

Hole Summary:
Due to a priority set on this hole by the head office, sampling, geoteching and photographing was done prior to detailed logging. A quick log was done prior (in feet) to sampling in order to facility the sampling. Logging was therefore done on half core.
The hole collared into a brecciated mafic gneiss with the quartz porphyry crossing cutting between 63.41m and 71.85m with both contacts being faulted. The core is very broken up and faulted down to 92.69m. The rest of the hole alternates between mafic gneiss, feldspar porphyries, and quartz-feldspar porphyries, with many faulted, gougy zones present all down the hole. The rock is pervasively silicified with large bleached portions and significant chlorite/epidote alteration. Limonite alteration persists until about 200m. There is a massive sulphide vein from 122.15-122.95m which contains pyrite, arsenopyrite, galena, and sphalerite hosted in a dark grey material. Mineralized veinlets of this material intrude locally below 123m. Pyrite is ubiquitous throughout the hole in stringers, hosted in quartz veins, and disseminated. Between 305m and 350m there are small (less than 1m) intervals of localized disseminated arsenopyrite and pyrrhotite.

Lithology Summary

From	To	Lith	Comment
45.12	63.41	MGn-x	
63.41	66.46	QP-z	
66.46	69.49	QP	
69.49	71.85	QP-z	
71.85	85.20	Gn-z	
85.20	87.90	MGn-x	
87.90	89.60	FZ	
89.60	92.69	MGn	
92.69	95.83	FP	sulphide rich
95.83	104.40	Gn	
104.40	106.03	Gn-z	
106.03	106.80	Gn	
106.80	113.30	MGn-x	
113.30	116.40	FZ	
116.40	122.15	QFP-x	
122.15	122.95	SV	
122.95	149.50	Gn	
149.50	151.83	QFP	chl alt
151.83	152.80	QFP	
152.80	153.60	Gn-x	
153.60	154.85	Gn	
154.85	159.10	Gn	FP intrusions
159.10	160.55	Gn	
160.55	161.25	FP/Gn	
161.25	163.20	Gn	
163.20	163.72	FP/Gn	
163.72	164.25	FZ	
164.3	168.8	Gn	bleached
168.75	173.17	QFP	
173.17	181.40	FP-z	
181.40	183.45	Gn	
183.45	189.20	FP	
189.20	192.00	Gn	
192.00	202.13	FP-z	
202.13	205.29	Gn	
205.29	231.15	FP-z	
231.15	233.30	Gn	
233.30	238.70	FP	
238.70	241.35	QPF	
241.35	252.43	FP-x	
252.45	258.54	Gn-z	
258.54	262.10	FP-x	matrix sup.
262.10	266.30	FP-x	clast sup.
266.30	271.65	Gn-x	
271.65	273.95	FZ	
273.95	278.80	FP-x	clast sup.
278.80	281.75	FP-x	matrix sup.
281.75	297.26	FZ	
297.26	305.05	FP-x	
305.05	341.20	Gn	
341.20	342.65	FP	
342.65	350.00	Gn	
350.00		EOH	

Charlotte Project
DDH-11-260b
Detailed Log

Hole Id: DDH-11-260b
Logged By: L. Binnion

Primary Intervals		Secondary Intervals		Lith Code	Lithology	Description	Mineralization							Alteration														Foliation	Shearing		Fractures		Veins				Breccation				Upper Contact		Lower Contact	
From	To	From	To				Py%	Asp%	Gn%	Sp%	Cp%	FeSx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	% Clasts	Rounding	Matrix	% Matrix	Intensity	to CA	Description	to CA	Description
45.12	63.41			MGn-s	Brecciated sulphide rich mafic gneiss	This interval consists of strongly brecciated mafic gneiss with moderate to strong localised sericite and limonite/weathering alteration. Quartz stringers and vuggy textures are seen crosscutting the core at irregular angles. Breccia matrix consists of fine grained disseminated pyrite with unidentifiable black sulphides. Breccia clasts are 1-5cm (?), rotated clasts. Foliation at 56.70m is 55 deg tca. This unit is extremely broken and faulted with poor recovery throughout.	trace	0	0	0	0	0	disseminated	Medium grey with orange-yellow alteration	1	0	0	2	0	0	0	4	0	0	0	0	0	0	0	0	2	pervasive, concentrated along veins	55	-	-	-	-	-	-	-	-	-	-	-	Mafic gneiss	0.45	angular	siliceous	0.55	strong	NA	-	-	Faulted and gougey
		45.12	56.75	FZ	Fault zone	Gossanous rubble with pervasive limonite/sericite alteration and clay rich zones. This zone had poor recovery.	-	-	-	-	-	-	-	Red-orange-brown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		56.80	57.10	MGn	Brecciated sulphide rich mafic gneiss	Mfg medium grey rock with quartz and feldspar phenocrysts, and disseminated pyrite. Pervasive silica alteration which has turned 80% of the rock light grey-yellow. Contains many quartz stringers that do not follow a particular fabric or direction. There is patchy limonitic alteration which also concentrates along quartz stringers.	1%	0	0	0	0	0	disseminated	Medium grey	3	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	pervasive, concentrated along veins	-	-	-	-	-	-	1%	<1mm	stringers	quartz, limonite	-	-	-	-	-	-	-	-	-	-
		57.10	60.43	FZ	Fault zone	Gossanous rubble with pervasive limonite/sericite alteration and clay rich zones. This zone had poor recovery.	-	-	-	-	-	-	-	Red-orange-brown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		60.43	63.41	MGn	Brecciated sulphide rich mafic gneiss	Mfg medium grey porphyric rock with quartz and feldspar phenocrysts. Rock has been broken up by yellow vuggy quartz veins ranging from <1mm to 5mm. The grey rock contains disseminated pyrite. Limonite alteration occurs as patches and along veins.	1%	0	0	0	0	0	disseminated	Medium grey	3	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	Sr-pervasive and along veins. Lim-patches and along veins. Ser-along veins	-	-	-	-	-	-	1%	<1mm	stringers	quartz, limonite	-	-	-	-	-	-	-	-	-	-
63.41	66.46			QP-z	Faulted quartz porphyry	Possibly (?) Quartz porphyry, but so broken and gougey that lithology is hard to determine. Gouge (50%)-clay rich rubble, yellow-brown colour. Low recovery.	-	-	-	-	-	-	-	Yellow-brown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Faulted and gougey	-	Faulted and gougey
66.46	69.49			QP	Altered (ilmonite) Quartz Porphyry	Pervasive sericite/clay alteration with patchy limonite and some quartz veining. Displays vuggy textures and quartz eyes. No unaltered rock visible. The unit is extremely broken and faulted with poor recovery throughout.	0%	0	0	0	0	0	-	Yellow	2	0	0	3	0	0	0	2	0	0	0	0	0	0	0	2	Ser-pervasive. Lim-patches and along veins. Si-along veins	-	-	-	-	-	-	2%	0.5-1mm	stringers	quartz, limonite	-	-	-	-	-	-	-	Faulted and gougey	-	Faulted and gougey
69.49	71.85			QP-z	Faulted quartz porphyry	Possibly (?) Quartz porphyry, but so broken and gougey that lithology is hard to determine. Gouge (50%)-clay rich rubble, yellow-brown colour. Low recovery. Similar to 63.41-66.46m.	0%	0	0	0	0	0	-	Yellow-brown	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	2	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Faulted and gougey	-	Faulted and gougey
71.85	85.20			Gn-z	Faulted altered gneiss	Sericite/limonite altered rubble with larger pieces displaying moderate gneissic textures. Other larger pieces are so altered that a protolith can not be defined. Between 75.61m and 76.81m there is disseminated pyrite throughout the core, and one 5mm quartz vein with pyrite concentrated along the walls. Occasional vugs (<0.5cm) seen in quartz (?) veins. Pyrite appears at 82.2m along fractures.	1%	0	0	0	0	0	disseminated	Orange-brown	1	0	0	3	0	0	0	4	0	0	0	0	0	0	0	1?	Pervasive	45	-	-	-	-	45	1%	5mm	concordant	quartz	-	-	-	-	-	-	-	Faulted and gougey	70?	Difficult to determine precisely because both rock types have been heavily altered by limonite/sericite
		76.40	77.50	Gn	Silicified gneiss	Light grey-yellow silicified rock with pervasive sericite and limonite alteration. Has a faint breccia appearance locally. Thin quartz stringers (<1mm) crosscut gneissosity and have variable siliceous envelopes. There are possible relict pyrite (?) stringers often with vuggy texture.	0%	0	0	0	0	0	-	Grey-yellow	3	0	0	3	0	0	0	2	0	0	0	0	0	0	0	0	Pervasive	120	-	-	-	-	-	2%	<1-3mm	stringers	quartz, limonite	-	-	-	-	-	-	-	-	-	-
		77.50	79.80	FZ		Yellow-brown colour rubble. Pervasive limonite alteration. At 79.80m there is one piece of mafic material that contains disseminated pyrite grains.	trace	0	0	0	0	0	disseminated along planes and disseminated	Yellow-brown	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	1	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		82.20	83.85	Gn	Silicified gneiss	Rock contains alternating bands (1-3cm) of siliceous white/grey rock with a siliceous medium grey rock. There is moderate limonite alteration and possibly some clay alteration (?) based on the reduced hardness in certain areas. There is a small amount of sfg pyrite disseminated in the darker layer, as well as 1% mg pyrite concentrated along fracture planes. The core is fairly broken up in this interval so it is not possible to measure the angle of the banding.	1%	0	0	0	0	0	-	light-medium grey	3	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1?	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		83.85	85.00	FZ		Yellow-brown colour rubble. Pervasive limonite alteration.	0%	0	0	0	0	0	-	Yellow-brown	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		85.00	85.20	Gn		Same gneissic texture but rock displays pervasive limonite alteration. Several thin cross cutting vuggy veins which appear to have contained pyrite (several small grains still in place). At 85.18m, 3mm quartz vein with near-massive pyrite and some vugs. Vein crosscuts foliation at a shallow angle.	1%	0	0	0	0	0	vein hosted	Orange-brown	3	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	Pervasive	70	-	-	-	-	55	1%	3mm	planar	quartz	-	-	-	-	-	-	-	-	-	-
85.20	87.90			MGn-x	Brecciated sulphide rich mafic gneiss	This interval contains strongly brecciated mafic gneiss with strong, pervasive limonite alteration, also locally concentrated along crosscutting veins. The mafic gneiss is broken up by a network of crosscutting quartz veins up to 2mm thick. Pyrite grains found disseminated through the entire section, and also concentrated along veins 2mm thick that trend at about 55 deg tca (although they are not perfectly straight-probably emplaced pre- or synbrecciation). Veins containing vugs are also seen throughout. Breccia clasts of gneiss have between 0.5-3cm diameter.	5%	0	0	0	0	0	disseminated and vein hosted	Orange-brown	3	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	Pervasive	-	-	-	-	-	55	5%	<1mm-3mm	planar	quartz, limonite, pyrite	limonite altered mafic gneiss	0.95	angular	quartz	0.05	3	70?	Difficult to determine precisely because both rock types have been heavily altered by limonite/sericite	-	Faulted and gougey
		86.95	87.90	FP-x	Brecciated porphyry	This interval is still brecciated in the same manner but the host rock appears to have been bleached, possibly by clays since the overall hardness decreases in this section. Trace amounts of disseminated pyrite are still found.	trace	0	0	0	0	0	disseminated	White-very light grey, orange-brown	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	37	Pervasive	-	-	-	-	-	-	1%	<1mm	stringers	quartz	limonite altered bleached gneiss	0.98	angular	quartz	0.02	3	-	-	-	-
87.90	89.60			FZ	Fault gouge	Very broken-up gouge rich zone, consists of 60% gouge and 40%-extremely broken rock. The colour begins as brown-green, then transitions to light blue at 88.25m, and then orange-brown at 88.35m. Between 88.60-88.75m there is another light blue zone.	0%	0	0	0	0	0	-	Orange-brown	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Faulted and gougey	-	Faulted and gougey
89.60	92.69			MGn	Mafic gneiss	This unit is extensively broken and gougey. The unit is a dark grey-blue colour in the more competent upper interval and transitions into orange-brown gougey in the lower interval. The unit begins with a more schisty texture, with limonite alteration along the foliation planes, and then transitions around 90.75m to a more gneissic appearance. The gneiss is blue-grey and contains 2mm wide concordant vuggy quartz veins which appear to have hosted pyrite grains. The limonite alteration in this zone is minimal, however there is some sericitic alteration. Around 91.50m the texture returns to a schist with a more felsic appearance than the mafic schist at the beginning of the section.	trace	0	0	0	0	0	relic, along veins	Medium blue-grey	2	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	Along foliation planes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Faulted and gougey	-	Faulted and gougey
		91.70	92.68	FZ	Fault gouge	Pale orange-brown colour, with some evidence of bleaching at 92.33m.	0%	0	0	0	0	0	-	light-orange-yellow	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	37	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
92.69	95.83			FP	Sulphide rich feldspar porphyry	This is a pale grey rock composed mainly of feldspars that have been altered to clay. There is also a small amount of quartz grains and in a couple areas there is a slight pink stain to the rock. There are veins that don't follow any pattern, but the majority of the veins trend about 150 deg tca, which crosscuts the foliation (where visible) at 105 deg tca. Vein types include calcite, quartz, and pyrite, and they occur separate as well as in combination. Generally they are 1-2mm wide, with the occasional 5mm wide quartz vein. Clay alteration is pervasive, but limonite alteration is minimal; confined almost exclusively to a couple fractures. Pyrite mineralization is ubiquitous, found disseminated throughout the unit (5%). It also occurs in veins and as clots/blebs. The larger pyrite blebs appear to be concentrate with the zones of pink alteration where as in the grey-white alteration patches the pyrite more finely disseminated. There are two occurrences of sphalerite at 95.15m and 96.60m. There is possible galena at each of these locations, associated with the sphalerite.	5%	0	trace?	trace	0	0	disseminated, along veins, blebs	light grey	0	0	0	2	1	0	0	1	0	0	0	0	0	0	0	4	Pervasive (clay white (ilm) and pink), localized (ilm)	45	-	-	-	-	150	4%	<1mm-3mm	planar, aligned	quartz, calcite, pyrite	-	-	-	-	-	-	-	Faulted and gougey	-	Faulted and gougey
		92.69	93.50	FGn	Sulphide rich felsic gneiss	This appears to be the same feldspar porphyry except it has a gneissic fabric. This could be attributed to shearing by the fault on the upper contact. The pyrite here is found as in the rest of the section: disseminated, in patches, and along veins. The vein types and orientations are also the same.	5%	0	0	0	0	0	disseminated, along veins, blebs	light grey	0	0	0	2	1	0	0	1	0	0	0	0	0	0	0	4	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		95.20	95.83	FZ	Fault gouge	This section is just ground up feldspar porphyry. The composition appears the same, and there are disseminated pyrite grains throughout (2%). There is one green stain that has a similar colour to malachite, so perhaps there is a small amount of copper, but this could also be fuchsite. 95.53-95.73m displays evidence of limonitic alteration.	2%	0	0	0	0	0	-	light grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
95.83	104.40			Gn	Mafic and felsic feldspar gneiss	This is a really rubbly section with moderate limonite alteration. There is about 30% gouge and 70% broken rocks. Sections with less broken pieces display intercalated mafic gneiss with felsic feldspar gneiss. The foliation is 140 deg tca (measured at 103.05m) There is about 1% pyrite found throughout the section. In the more felsic areas the pyrite tends to concentrate along veins, while in the mafic rocks it is more likely to be disseminated, although it is found in both forms throughout all the rocks. Veins are more or less aligned with foliation.	1%	0	0	0	0	0	disseminated, along veins	light grey	2	0	0	1	0	0	0	1	0	0	0	0	0	0	0	2	Pervasive	145	-	-	-	-	145	1%	1mm	planar	quartz, pyrite	-	-	-	-	-	-	-	Faulted and gougey	-	Faulted and gougey
104.40	106.03			Gn-z	Faulted and gougey felsic gneiss? FP?	As above except with substantial faulting and gouge. Light blue to white coloured with localized patches of orange (limonite alteration). There is approximately 70% gouge and 30% extremely broken rock. Fg pyrite grains are visible.	1%	0	0	0	0	0	-	light grey- white	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
106.03	106.80			Gn	Mafic and felsic feldspar gneiss	As between 95.83 to 104.40m, but only the felsic gneiss is present.	1%	0	0	0	0	0	disseminated, along veins	light grey	2	0	0	1	0	0	0	1	0	0	0	0	0	0	0	2	Pervasive	145	-	-	-	-	145	1%	1mm	planar	quartz, pyrite	-	-	-	-	-	-	-	Faulted and gougey	-	Rubbly
106.80	113.30			MGn-x	Brecciated sulphide rich mafic gneiss	This unit consists of mainly dark grey, hard, brecciated mafic gneiss with moderate silicification. The matrix consists of orange clay (possibly minor limonite +??) and minor calcite. Rubbly sections have increased limonite staining, Veinlets compose 4% of the unit and consist of qtz+/-calcite+/-pyrite with variable amount of vugs. Vugs are 1-2mm wide and elongated up to a cm. They are generally in the quartz veinlets. The veinlets cross cut the unit at irregular angles to gneissosity. Degree of brecciation varies along the unit, some sections have a gneissic appearance and are hardly brecciated. Pyrite is found both disseminated throughout the unit and in veinlets. Near the bottom of the unit, the mafic rock shows feldspar phenocrysts (3mm). There is a dark, hard mineral that occurs once as a pyrite-hosting vein, and then again as a 'bleb'.	2%	0	0	0	0	0	disseminated, along veins	dark grey	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	Pervasive (sil), localized (ilm)	145	-	-	-	-	-	4%	1mm-4mm	stringers and veinlets	quartz, pyrite, calcite	Mafic gneiss	0.9	angular	calcite, quartz	0.1	3	-	Rubbly	-	Rubbly
113.30	116.40			FZ	Fault gouge	Section is 60% gouge and 40% broken up rocks. There is a high amount of clay at the top of the section, and limonite staining throughout. At 115.75m the limonite staining gives way to dark grey gouge with high clay content, and some dark green patches. There are a couple larger rock fragments which are strongly bleached with strong clay and limonite alteration.	0%	0	0	0	0	0	-	Orange-brown, dark grey	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	4	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Faulted and gougey	-	Faulted and gougey
116.40	122.15			QFP-x	Brecciated Quartz Feldspar Porphyry	Very light brown coloured rock with plagioclase phenocrysts visible (1-3mm), some of which have a light greenish tinge. There is pervasive silicification and patchy limonite alteration. Limonite has infiltrated the majority of the veins, but they are likely quartz veins based on their hardness. There are also veins of a hard, dark grey material. Vuggy texture is seen throughout, both in veins and in clusters. Pyrite is found everywhere in the section disseminated and occasionally in veinlets. Much of the rubble has medium-grained pyrite coating one of its surfaces. There is also a soft bluish-grey sulphide that is most often found in veinlets (stibnite?). Sphalerite is found as 'blobs', especially towards the bottom of the section, often in the same pieces as galena (metallic and striated).	1%	0	trace	trace	0	0	disseminated (py) in veins (py, sp, gal)	Light brown-grey	3	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	Pervasive (sil), patchy (ilm)	-	-	-	-	-	-	4%	<1mm-3mm	stringers & planar	quartz, limonite, containing py, sph, gal	silicified feldspar porphyry	0.95	angular	quartz	0.05	3	-	Faulted and gougey	-	gradual
122.15	122.95			SV	High sulphide vein	Dark grey vein with a central near-massive sulphide (90%) zone between 122.62-122.73m (photo), and about 50% sulphides between 122.55-123.42m. Pyrite is the most abundant sulphide, and is found disseminated throughout the unit as euhedral grains, as well as massively in both veins and in the 11cm long massive sulphide area. Sphalerite is found in clusters, either along veins or sitting in the matrix. There is evidence of sphalerite intruding into pyrite so it was likely a later phase. Arsenopyrite is found as near-massive clusters distal to the central massive sulphide area (photo), but it also rims the sphalerite and pyrite. This suggests arsenopyrite could have been the third sulphide phase. All three of these sulphides show evidence of brecciation by quartz. Finally galena is found in the interstitial spaces of the other three sulphides as well as the quartz, forming rings around individual grains. This suggests that galena was probably the last sulphide phase in this zone. There are patches of a bright yellow mineral which is probably scorlite, located near the massive patches of arsenopyrite. One particular vein shows the relationships between the sulphides: a quartz center with pyrite, sphalerite, and arsenopyrite respectively towards the edge of the vein, with galena filling the interstitial spaces of all phases. (photo)	7%	0.02	0.03	0.03	0	0	disseminated, in veins, and massive	dark grey	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Pervasive	-	-	-	-	-	115	10%	up to 2cm	planar	quartz, pyrite, sphalerite, arsenopyrite, galena	-	-	-	-	-	-	-	gradual	-	sharp contact between rock types, but sulphides cross over. Can only see 1cm of it because core is broken
		122.62	122.73	SV		Central near-massive sulphide zone. Contains massive pyrite which has been intruded by sphalerite. Arsenopyrite is found along the periphery of the zone, and galena is located in the interstitial spaces.	60%	0.05	0.1	0.1	0	0	massive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
122.95	149.50			Gn	Silicified mafic gneiss	Medium grey silicified matic gneiss. Much of the section has a bleached appearance due to feldspar alteration, and there is a green tinge throughout which is probably sericite/chlorite alteration. The rock has been broken up by quartz (grey and vitreous; millimetristic scale early mineral often with pyrite mineralisation and om scale later mineral which shows evidence of remobilization), feldspar (white and milky) veinlets, and dark grey chloritic stringers. There is patchy limonitic alteration and foggy textures. There are many cross-cutting veins, but there is a set that cuts consistently around 120 deg tca. The foliation is 65 deg tca. The composition of these is mostly quartz, but varies widely in pyrite content and limonite alteration levels. There is between 1-3% pyrite throughout: disseminated, in small veinlets, or along the later stage cm scale quartz veins. At 135.50m there is a small amount of realgar/chlorite alteration, mostly along veinlets. There is a small fault that at 137.35m that trends 160 deg tca.	3%	0	0	0	0	0	disseminated, in veinlets	Medium grey	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	Pervasive (sil), localized (ilm)	65	-	-	-	-	120	5%	2mm	stringers	quartz	silicified feldspar porphyry	0.95	angular	quartz	0.05	3	-	sharp	-	gradual over 25cm
		123.80	124.10	QFP	Quartz Feldspar Porphyry	Light orange-brown colour, feldspar phenocrysts have altered to clay. Pervasive limonite (or sericite?) alteration (weak). Several crosscutting quartz veinlets, and trace amount of fine-grained disseminated pyrite.	trace	0	0	0	0	0	disseminated	Light orange-brown	2	0	0	2?	0	0	0	2	0	0	0	0	0	0	0	2	Pervasive (sil, lim) localized (clay)	-	-	-	-	-	-	1%	1mm	stringers	quartz	-	-	-	-	-	-	-	-	-	-
		130.20	132.40	Gn	Silicified matic gneiss	As above FGn except pyrite found locally in patches of dark grey material similar to the high sulphide vein. In this interval there are also traces of galena, arsenopyrite, and sphalerite(?).	1%	trace	0	trace?	0	0	clots	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		136.60	138.60			Orange fine grained rock with very heavy, pervasive carbonate and clay alteration and patchy limonitic alteration. Also minor amounts of realgar and chlorite. Crosscutting stringers of quartz and chlorite cut the sample. There is about 5% sph in veins trending 110 deg tca, and some trace pyrite, disseminated and in stringers.	trace	0	0	5	0	0	along veins	Orange	2	0	0	0	4	0	0	2	0	0	0	1	0	0	0	0	Pervasive, patchy (chl), along veins (hem)	-	-	-	-	-	-	3%	1mm	stringers	quartz, pyrite, chlorite	-	-	-	-	-	-	-	-	-	-
		138.18	138.38	FP	Feldspar Porphyry	Small dyke of FP with higher concentration of disseminated pyrite (5%)	5%	0	0	0	0	0	disseminated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		142.48	143.65	Gn	Silicified matic gneiss	As above FGn except for some intense folding with crenulations (trend at 95 deg tca). There is a pyrite vein that has been folded in the same manner.	3%	0	0	0	0	0	disseminated and in veinlets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		145.10	146.15			Present in this interval: 5mm pyrite stringer, 5mm quartz vein with pyrite down the center, 3cm vein of FP with disseminated pyrite mineralisation.	3%	0	0	0	0	0	disseminated and in veinlets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		147.80	149.50			5mm quartz veins with pyrite down the middle at 147.80m and 149.00m, and a 3mm pyrite stringer at 149.12m.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
149.50	151.83			QFP	Quartz Feldspar Porphyry	This is an altered zone of the underlying FP, therefore the contacts are gradual and show alteration textures. Hard, fg, with pervasive green (chloritic?) alteration. Minor amounts of limonite along a couple fractures. Feldspar phenocrysts have altered to clay. Post-chlorite alteration quartz veins trend 55 deg tca. Crosscutting pale green stringers (chloritic?) have bleached haloes. Pyrite is found disseminated throughout and as the occasional 'clot'.	1%	0	0	0	0	0	disseminated, some clots	green	3	0	0	0	0	0	0	1	0	0	0	4	0	0	0	2	Pervasive	-	-	-	-	-	55	<1	2mm	planar, stringers	quartz, chlorite(?)	-	-	-	-	-	-	-	gradual over 25cm	-	gradual over 25cm
151.83	152.80			QFP	Quartz Feldspar Porphyry	As above but with no green alteration, rock is light cream-brown. Crosscutting quartz stringers have no orientation. Trace disseminated pyrite.	trace	0	0	0	0	0	disseminated	light cream-brown	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	Pervasive	-	-	-	-	-	-	100%	1-2mm	stringers	quartz	-	-	-	-	-	-	-	gradual over 25cm	50	sharp
152.80	153.60			Gn-x	Brecciated bleached gneiss	Hard, very light green with cream coloured (bleached) clasts. There is pervasive silicification and chloritic (?) alteration. The breccia was caused by irregular quartz veins that contain localized 'clots' of pyrite and a slight pink alteration colour (realgar?).	1%	0	0	0	0	0	clots	light green	2	0	0	0	0	0	0	3	0	0	0	0	0	0	0	2	Pervasive (chl), localized	-	-	-	-	-	-	5%	1-3mm	stringers	quartz	bleached gneiss	0.9	angular	quartz	0.1	moderate	50	sharp	-	not visible
153.60	154.85			Gn	Mafic gneiss	Hard dark green rock with bleached light green bands. The rock has undergone extensive silicification, and there is likely some chlorite/epidote alteration based on the colour. Some veins contain a minor pink mineral (realgar?). There are a couple quartz stringers, and a couple of py bearing veinlets that cross the schistosity at a low angle, foliation at 60 deg tca, and veinlets at 50 deg tca. There is disseminated py throughout the section, as well as in veinlets. Py is found as clots closely associated with epidote. 154.20-154.85m is all rubble.	3%	0	0	0	0	0	disseminated, veinlets, clots (py)	dark green	4	0	0	0	0	0	0	0	0	0	0	3	0	2	0	0	Pervasive, in veins (hem)	60	-	-	-	-	50	1%	5mm	stringers, planar	quartz, py, aspy, chl	-	-	-	-	-	-	-	not visible	60	Alternating veins
154.85	159.10			Gn	Feldspar Porphyry-bleached gneiss	Intercalated bleached gneiss and feldspar porphyry. Light green-grey, moderately hard. Rock has a bleached appearance and has been pervasively silicified. There is patchy limonite alteration throughout, small amount of pink staining (realgar?) in quartz veins There are small, soft cream coloured crystals associated with the realgar that might be orpiment. Between 155.80m and 156.10m there is a large (1-3cm) contorted and brecciated quartz vein containing realgar and pyrite, and with a white alteration rim in the host rock. At 158.30m there are small patches of a very pale mint green mineral. Unit contains crosscutting (both host rock and large qtz vein) pyrite dominated quartz stringers. Near the upper contact there is some breccia texture. Pyrite is found in stringers, disseminated, and in clots throughout the section, in both rock types.	1%	0	0	0	0	0	disseminated, veinlets, clots (pyrite)	light green-grey	3	0	0	1	0	0	0	1	0	0	0	2	0	0	0	0	Pervasive (sil, chl), patchy	-	-	-	-	-	-	5%	1-8mm	stringers, planar	quartz, chl, py, realgar/orpiment	-	-	-	-	-	-	-	alternating veins	-	not visible
		157.93	158.10	FZ	Fault gouge	Light brown sand. Looks similar to 'B' soil.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
159.10	160.55			Gn	Mafic gneiss	As above gneiss but without the bleached appearance. There are patches of epidote alteration found throughout. Pyrite is disseminated throughout the section. A 1cm wide quartz vein is hit several times in the section and contains pyrite and a couple grains of moly (photo: 159.10m).	1%	0	0	0	0	0	disseminated, veinlets	medium grey-green	3	0	0	1	0	0	0	0	0	0	2	0	2	0	0	0	Pervasive	60	-	-	-	-	-	1%	1cm	planar	quartz with py, moly, realgar/orpiment	-	-	-	-	-	-	60	sharp	-	not visible
160.55	161.25			FP/Gn	Feldspar Porphyry/bleached gneiss	Intercalated bleached gneiss and feldspar porphyry. Light cream-brown, moderately hard. Rock has a bleached appearance and has been pervasively silicified. There is patchy limonite alteration throughout, and a pale green alteration mineral found in small patches close to py-bearing veins (chl?). The FP has been brecciated. Py is found mainly as clots.	trace	0	0	0	0	0	clots	light cream-brown	3	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	Pervasive (sil) patchy (ilm, chl)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	sharp	-	not visible
161.25	163.20			Gn	Mafic gneiss	As 159.10-160.55m but with fault gouge at 162.3m (dark green colour, same as rock), and at 163.00m (lighter coloured with some limonite alteration and py grains visible, this is a mixture of this rock and the underlying FP)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
163.20	163.72			FP/Gn	Feldspar Porphyry/bleached gneiss	As 160.55-161.25m.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Faulted and gougey	-	Sand
163.72	164.25			FZ	Fault gouge	Light brown sand. Looks similar to 'B' soil.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Sand	-	Sand
164.25	168.75			Gn	Bleached mafic gneiss	Orange-brown to brown rock, extensively bleached and silicified with near-complete limonite alteration. Crosscutting quartz and pyrite bearing stringers and veinlets. Occasional clots of pyrite, and 1cm thick pyrite-moly bearing quartz vein at 164.85m. Another 1cm quartz vein just containing py is at 166.70m, and there is a 1cm barren quartz vein at 168.10m. Unit contains 3 dykes of FP, each about 10cm wide. Pyrite mineralization does not differ between the gneiss and FP.	1%	0	0	0	0	0	clots, stringers	orange-brown to brown	3	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	Pervasive	65	-	-	-	-	-	100%	1mm (stringers) 1cm (quartz)	stringers

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization						Alteration														Foliation	Shearing		Fractures		Veins				Brecciation					Upper Contact	Lower Contact
From	To	From	To	Code			Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnizn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	% Clasts	Rounding	Matrix	% Matrix	Intensity	to CA	Description	to CA	Description
192.00	202.13			FP-z	Sulphide-rich bleached feldspar porphyry	Grey-cream colour and hard. Extensively bleached and silicified with minimal, patchy limonite alteration. There are small patches of the mint-green alteration mineral (chlorite? silicified/bleached epidote?) throughout the section. Some of the veins are composed of a soft light-peach coloured material. There are also calcite veinlets across the section. There is a foliation at 50 deg tca, and many dark coloured (often py-bearing) stringers follow it. There is a distinct foliation (50 deg tca). There is a total of 3% py in this unit, disseminated, in stringers, as clots, and in a 1cm qtz vein (200.10m).	3%	0	0	0	0	0	disseminated, stringers, clots, qtz vein	Cream	3	0	0	0	1	0	0	1	0	0	0	1	0	0	0	4	Pervasive	50	-	-	-	-	50 (most)	300%	1mm	stringers	qtz, py, clay	-	-	-	-	-	-	-	Rubbly	-	Faulted and gougey
		194.51	199.70	FZ	Fault gouge	80% rock fragments (up to a couple cm diameter), 20% fault gouge. Very light limonite alteration. Becomes more gougey near the bottom of the section. Rock fragments are FP (as above).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		201.70	202.13	FZ	Fault gouge	60% small rock fragments, 40% gouge. Light grey colour, hardly any limonite alteration.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
202.13	205.29			Gn	Mafic gneiss	As 181.40-183.45m except no carbonate or limonite alteration and less silicified. There is a 1cm wide py-bearing qtz vein trending 20 deg tca at 204.16m.	3%	0	0	0	0	0	disseminated, stringers, clots, qtz vein	Dark green	3	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	Pervasive	-	-	-	-	-	20	<1	1cm	planar	qtz, py	-	-	-	-	-	-	-	Faulted and gougey	-	Faulted and gougey
		204.46	205.29	FZ	Fault gouge	The first 50cm has the same composition as the mafic gneiss, and then there is a contact at 204.96m back to FP, seen in a couple large core pieces of FP at this meterage, and then the fault gouge is light grey coloured until the end of the sample.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
205.29	231.15			FP-z	Feldspar porphyry	As 192.00-202.13m except with less py content and no limonite alteration. The texture throughout this unit oscillates between porphyric and gneissic. There is a lot of gougey sections. At 205.90m there is a 7cm wide barren quartz vein that is crosscut by py stringers and contains one clot of pyrite along the side. There is a distinct foliation.	2%	0	0	0	0	0	disseminated, stringers	light grey- cream	3	0	0	0	1	0	0	0	0	0	1	0	1	0	3	Pervasive, patchy (chl)	-	-	-	-	-	-	200%	1mm	stringers	qtz, py, clay, calcite	-	-	-	-	-	-	-	Faulted and gougey	-	Not seen
		211.75	212.75	Gn	Mafic gneiss	More mafic section, possibly the same protolith as the surrounding FP. Presence of epidote, and medium grained py along fractures. Section is broken up and slightly gougey.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		215.00	220.00	FP	Bleached feldspar porphyry	Starting at about 215m there are a number of 1cm wide quartz veins in various orientations that contain py down the center. There is distinctly less rubble/gouge in this interval.	3%	0	0	0	0	0	disseminated, stringers, veins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7%	1cm	planar	qtz, py	-	-	-	-	-	-	-	-	-	-
		222.75	231.15	FP	Bleached feldspar porphyry	Toward the bottom of the section (below ~220m) the amount of pyrite increases and clots become the dominant form, up to 5% in certain small intervals.	4%	0	0	0	0	0	disseminated, stringers, veins, clots	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		222.40	222.85	Gn	Mafic gneiss	As 211.75-212.75m, although only a trace amount of pyrite along stringers.	trace	0	0	0	0	0	stringers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
231.15	233.30			Gn	Mafic gneiss	Dark green colour with lighter green bleached bands. Extensively silicified with chlorite alteration. There is some calcite alteration along fracture boundaries. Contains qtz stringers. There is a trace amount of disseminated pyrite.	trace	0	0	0	0	0	disseminated	Green-grey	3	0	0	0	2	0	0	0	0	0	2	0	0	0	0	Pervasive	70	-	-	-	-	-	200%	1mm	stringers	qtz	-	-	-	-	-	-	-	Not seen	-	Rubbly
233.30	238.70			FP	Bleached feldspar porphyry	Light grey silicified and bleached rock. Lots of cm scale quartz veins that have been extensively folded and carry trace amounts of pyrite. Foliation 70 deg tca. There is 1% disseminated pyrite, and it appears the rock is less bleached around the pyrite grains.	1%	0	0	0	0	0	disseminated	Light grey	3	0	0	0	2	0	0	0	0	0	0	0	0	0	0	Pervasive	-	-	-	-	-	-	5%	2cm	folded	qtz with py	-	-	-	-	-	-	-	Rubbly	-	Rubbly
238.70	241.35			QFP	Quartz Feldspar Porphyry	Grey-brown fine-grained matrix-dominated porphyry with feldspar phenocrysts altered to clay. Phenocrysts circular and needle-like. Moderate silicification, and pervasive sericite/limonite? brown colour?) alteration. Cut by qtz and py stringers. Pyrite is also disseminated and locally found as clots.	2%	0	0	0	0	0	disseminated, stringers, clots	Grey-brown	2	0	0	2	0	0	0	2	0	0	0	0	0	0	0	Pervasive	-	-	-	-	-	-	1%	1mm	stringers	py, qtz	-	-	-	-	-	-	-	Rubbly	50	sharp
241.35	252.43			FP-x	Brecciated Feldspar Porphyry	Coarse grained, with hard, light grey sections (qtz) and softer, cream coloured sections (feldspar/clay). There is minor, patchy chlorite/epidote alteration. The unit becomes more bleached towards the bottom contact. Stringers through this section are composed mainly of quartz, pyrite, and a dark grey material that usually hosts pyrite. This same material is often found as clots as well. There are a lot of 1cm veins of quartz, a soft, cream coloured mineral. There are several larger veins as well: at 242.65m there is a 5cm wide barren qtz vein with crosscutting pyrite stringers. At 242.85m there is a 3cm wide barren vein of a dark grey material. At 243.85m there is a 3cm wide milky quartz vein which contains disseminated pyrite and arsenopyrite. The unit is moderately brecciated with narrow units of broken up rock dispersed throughout. Disseminated pyrite is seen through the whole section.	3%	trace	0	0	0	0	disseminated, stringers, clots, veins	Various shades of grey	2	0	0	0	0	0	0	0	0	1	0	1	0	2	Pervasive, patchy	-	-	-	-	-	irregular	7%	1mm-5cm	stringers, planar	qtz, clay, pyrite, dark grey material	FP	0.8	angular	quartz	0.2	moderate	50	sharp	-	Rubbly
		250.50	251.83	FZ	Fault gouge	Light grey colour, 70% gouge, 30% very broken rock.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
252.45	258.54			Gn-z	Faulted Gneiss	Light grey extensively silicified rock, brecciated in some locations, containing cross-cutting stringers of pyrite, and some py clots. Much of this unit is broken up with 10-20% gouge.	1%	0	0	0	0	0	disseminated, stringers, clots	Light grey	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Pervasive	-	-	-	-	-	-	1%	1mm	stringers	py	Gneiss	0.9	angular	quartz	0.1	moderate	-	Rubbly	-	Rubbly
258.54	262.10			FP-x	Sulphide-rich Feldspar porphyry Breccia	Matrix-dominated breccia with larger (cm scale) clasts of FP, and smaller (mm scale) clasts of feldspar, calcite, and quartz. The matrix is dark grey and hard (silicified). Occasional vugs. There is 3% pyrite disseminated in both the matrix and the clasts. (photo) At 258.54m there is a dark grey inclusion contains py, aspy, sph, and galena. (photo)	4%	trace	trace	trace	-	-	disseminated, one inclusion	Dark grey with light colour phenocrysts	3	0	0	0	1	0	0	0	0	0	0	0	0	0	1	Pervasive	-	-	-	-	-	-	-	-	-	-	FP, calcite, FS, qtz	0.4	rounded-subangular	dark grey material	0.6	moderate-intense	-	Rubbly	60	sharp, located 25cm above the sample end.
262.10	266.30			FP-x	Sulphide-rich Brecciated FP	Coarse grained feldspar porphyry which has been brecciated by the dark coloured material from the above matrix-supported breccia. This gives the section a slightly darker grey colour than usual. There is a large amount of disseminated pyrite throughout this unit. There is another example of the dark grey py, aspy, sph-bearing inclusion.	4%	0	0	0	0	0	disseminated, stringers, clots, veinlets	Various shades of grey	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	Pervasive	-	-	-	-	-	-	3%	1mm	stringers	qtz, pyrite	FP	0.8	angular	quartz	0.2	moderate	60	sharp, located 25cm above the sample end.	-	gradual
266.30	271.65			Gn-x	Brecciated Mafic Gneiss	In this unit, the coarse grained feldspar porphyry is brecciating the mafic gneiss. There are still occurrences of the sulphide-bearing dark grey material (e.g. galena at 270.20m). See photos showing intrusion relationships.	2%	0	trace	0	0	0	disseminated, one inclusion	Grey and cream (mixture)	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	Pervasive	-	-	-	-	-	-	1%	1-3mm	stringers	dark grey sulphide-bearing material	Mafic gneiss	0.7	angular	FP	0.3	moderate-intense	-	gradual	-	Faulted and gougey
271.65	273.95			FZ	Fault gouge	Very light grey/white, 30% gouge 70% small angular rock pieces. Disseminated pyrite throughout.	1%	0	0	0	0	0	disseminated	light grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Faulted and gougey	-	Faulted and gougey
273.95	278.80			FP-x	Folded and brecciated Feldspar Porphyry	Light grey rock with softer cream coloured sections. Vuggy textures throughout, some calcite alteration along veins. Lots of folding and brecciation (quartz intruding into FP, and FP intruding into Gn). Most of the section is FP but where gneissic textures exist they show the Gn broken up by FP (As 298.30-271.95m). Pyrite is concentrated in dark grey material and in the light grey rock (15% in some places).	3%	0	0	0	0	0	disseminated	Light grey, cream	3	0	0	0	0	1	0	0	0	0	0	0	0	0	2	Pervasive, along fractures (cal)	-	-	-	-	-	-	4%	1-5mm	planar, stringers	quartz, pyrite, calcite, dark grey material	Mafic gneiss	0.9	angular	FP/qtz	0.1	intense	-	Faulted and gougey	-	Rubbly
		275.35	276.35	FZ	Fault zone	Light grey/white broken up pieces of rock, 5% gouge. Disseminated pyrite throughout.	2%	0	0	0	0	0	disseminated	light grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
278.80	281.75			FP-x	Sulphide-rich Feldspar pnaterxy Breccia	As 258.54-262.10m, with occasional vugs.	3%	0	0	0	0	0	disseminated	Dark grey with light colour phenocrysts	3	0	0	0	1	0	0	0	0	0	0	0	0	0	1	Pervasive	-	-	-	-	-	-	-	-	-	-	FP, calcite, FS, qtz	0.4	rounded-subangular	dark grey material	0.6	moderate-intense	-	Rubbly	-	Rubbly
		279.88	281.75	FZ	Fault zone	Rubbly section with 10% gouge. The intact pieces of core show 10% pyrite.	10%	0	0	0	0	0	disseminated	medium grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
281.75	297.26			FZ	Fault zone	Medium grey coloured, 2% diss pyrite.	2%	0	0	trace	0	0	disseminated	medium grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rubbly	-	Rubbly
		281.75	282.93	FP-z	Faulted Feldspar Porphyry	Broken up core probably feldspar porphyry, poor recovery. Contains 3% disseminated pyrite.	3%	0	0	0	0	0	disseminated	Light grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		282.93	285.30	FZ	Fault zone	60% gouge, 40% highly broken rock, poor recovery. Medium to light grey colour. Clay alteration, 1% disseminated pyrite.	1%	0	0	0	0	0	disseminated	Medium-light grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		285.30	285.98	FP	Feldspar porphyry	Competent zone mixed in with rubble, pieces contain 3% disseminated pyrite.	3%	0	0	0	0	0	disseminated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		285.98	295.20	FZ	Rubbly Feldspar Porphyry	Zone of poor recovery dominated by subrounded rubble containing medium grained pyrite. In some larger pieces pyrite is disseminated in the dark grey material.	2%	0	0	0	0	0	disseminated, medium grained	Medium-light grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		295.20	296.80	FZ	Fault zone	Gouge-dominated section, medium grey colour with some blue-green alteration mineral. Occasional competent pieces are as above FP with the dark grey pyrite bearing material. At 296.00m there is trace sphalerite along with the pyrite.	2%	0	0	trace	0	0	disseminated	Medium grey to white	-	-	-	-	-	-	-	-	-	-	1?	-	-	-	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
297.26	305.05			FP-x	Brecciated Feldspar Porphyry	Contains a dark grey fg disseminated, which becomes more prevalent down section. Moderately silicified, contains patches of blue-green alteration (chl?). Has been folded and brecciated by a silica fluid. Locally displays gneissic textures. At 304.50m there is a 2cm wide vein of QFP? (photo). At 304.80m there is a 1cm vuggy quartz vein with a 2cm wide halo to either side of pyrite-bearing chlorite/epidote alteration (photo). Pyrite is disseminated and in clots associated with quartz. It is also present in a finer-grained, more brassy looking form.	2%	0	0	0	0	0	disseminated, along veins, clots	Very light grey	3	0	0	0	0	0	0	0	0	0	2	0	1	0	3	Pervasive, patchy (chl, epi)	-	-	-	-	-	-	3%	1mm-3cm	stringers, planar	qtz, py, QFP	FP	0.95	angular	quartz	0.05	moderate	-	Rubbly	-	Rubbly
305.05	341.20			Gn	Pillowed? Mafic gneiss	Dark green, hard, and gneissic with varying degrees of silicification and bleaching throughout the section (photo). The section alternates regularly between non-bleached and heavily bleached rocks. Pervasive silicification, chl/epi alteration throughout, plus patches and veins of both chlorite and epidote. There is trace amounts of a pink feldspathic alteration usually seen close to epidote, or in veins (photo), which becomes more and more prevalent downhole. Unit contains planar barren quartz veins 2mm-5cm. There are several instances of folding, and some possible pillow rinds (photo). Pyrite is disseminated and along stringers. Some PO, associated with epidote and along stringers. There is arsenopyrite interspersed with pyrite. Mineralization appears to be stronger in the non-bleached sections. There are some breccia textures associated with the occasional intrusion of FP. Photo of chlorite in a fold.	1%	trace	0	0	0	0.01	disseminated, stringers	Dark green, lighter depending on bleaching	3	0	0	0	0	0	0	0	0	1	0	3	0	2	0	0	Pervasive, some patchy	-	-	-	-	-	-	3%	2mm-5cm	stringers, planar	qtz	Gneiss	0.95	angular	FP	0.05	weak-moderate	-	Rubbly	-	-
		305.07	310.50	Gn	Bleached mafic gneiss	As above but light grey to light green (chl) colour.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		317.60	318.00	FZ	Fault gouge	Light grey colour, disseminated pyrite, 80% gouge 20% broken up rocks.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		323.70	325.10	Gn	Mafic gneiss	As above but with 1% disseminated aspy.	1%	0.01	0	0	0	0	disseminated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		332.15	333.15	Gn	Quartz-flooded mafic gneiss	Pale cream colour, gneissic texture, extremely silicified. 2% pyrite stringers. One 1cm crosscutting quartz vein contains aspy at 332.50m.	2%	trace	0	0	0	0	stringers, quartz vein hosted	Light grey-cream	4	0	0	0	0	0	0	0	0	0	2	0	0	0	2	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		335.50	336.25	FZ	Fault gouge	Light grey colour, 80% gouge, contains clay and biotite.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		336.25	341.20	Gn	Mafic Gneiss	As above but with high amount of pink feldspathic alteration. Small amount of aspy, and they have drilled down a PO vein.	1%	trace	-	-	-	trace	stringers, disseminated	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
341.20	342.65			FP	Feldspar porphyry	Rounded phenocrysts 5mm diameter. Heavily silicified with trace amounts of chlorite and mg-pyrite along stringers. At 341.40, irregular intrusion of grey quartz 3cm wide.	trace	0	0	0	0	0	stringers	Light grey	4	0	0	0	0	0	0	0	0	0	0	0	0	3	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	sharp	-	not seen
342.65	350.00			Gn	Mafic Gneiss	Dark green, hard, and gneissic with varying degrees of silicification and bleaching throughout the section. Pervasive silicification, chl/epi alteration throughout, plus patches and veins of both chlorite and epidote. There is a moderate amount of pink feldspathic alteration usually seen close to epidote, or in veins). Some darker pink staining on fracture surfaces (realgar or hematite?). 5% pyrite throughout the section disseminated and in 1-3mm veins, 1% PO in veins and clots (photos). 346.40-347.15m is a late stage quartz stockwork zone (series of cm scale quartz veins one after another). At 349.67m there is a 1cm vuggy mg pyrite vein.	5%	0	0	0	0	0.01	disseminated, stringers, veins, disseminated, clots	Dark green	3	0	0	0	0	0	0	0	0	1?	2	0	4	0	3	0	0	Pervasive	-	-	-	-	-	-	800%	1-3mm	stringers	pyrite	-	-	-	-	-	-	-	not seen	-	not seen
		349.20	350.00	FP	Feldspar Porphyry	Intrusion, as 341.20-342.65m.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
350.00					EOH																																										

Charlotte Project
DDH-11-260b
Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field	Comment
13	3.96	18.8	41.40	-40.40	39891	Inside HQ Casing
23	7.01	333	355.60	-49.00	35670	Inside HQ Casing
33	10.06	346.8	369.40	-48.40	63540	Inside HQ Casing
43	13.11	350.3	372.90	-47.40	42646	Inside HQ Casing
53	16.16	43	65.60	-46.80	23527	Inside HQ Casing
63	19.21	37.2	59.80	-46.70	58332	Inside HQ Casing
73	22.26	355	377.60	-47.20	78750	Inside HQ Casing
83	25.30	34.7	57.30	-47.30	36720	Inside HQ Casing
93	28.35	354.1	376.70	-47.30	48692	Inside HQ Casing
103	31.40	355.3	377.90	-47.40	47347	Inside HQ Casing
113	34.45	22.5	45.10	-47.40	57324	Inside HQ Casing
123	37.50	2.6	25.20	-47.60	53943	Inside HQ Casing
133	40.55	12	34.60	-47.50	45708	Near HQ Casing
143	43.60	41.7	64.30	-47.80	48354	Near HQ Casing
153	46.65	40.9	63.50	-47.70	61392	Near HQ Casing
163	49.70	48.3	70.90	-47.80	58007	
173	52.74	49.4	72.00	-47.90	57648	
183	55.79	50.7	73.30	-48.10	58045	
193	58.84	50	72.60	-48.20	57519	
203	61.89	49.2	71.80	-48.50	57537	
213	64.94	50	72.60	-48.60	57509	
223	67.99	49.8	72.40	-48.70	57485	
233	71.04	48.7	71.30	-48.90	57423	
243	74.09	49.1	71.70	-49.00	57462	
253	77.13	49.4	72.00	-49.10	57473	
263	80.18	49	71.60	-49.40	57467	
273	83.23	50.4	73.00	-49.30	57374	
283	86.28	49	71.60	-49.40	57440	
293	89.33	49.9	72.50	-49.60	57485	
303	92.38	49.1	71.70	-49.70	57447	
313	95.43	49.2	71.80	-49.50	57465	
323	98.48	49.8	72.40	-49.70	57490	
333	101.52	49.9	72.50	-49.80	57480	
343	104.57	50.5	73.10	-49.70	57508	
353	107.62	49.4	72.00	-49.80	57490	
363	110.67	49	71.60	-49.60	57440	
373	113.72	49.1	71.70	-49.90	57431	
383	116.77	49.7	72.30	-49.80	57462	
393	119.82	48.8	71.40	-49.80	57449	
403	122.87	49.7	72.30	-49.90	57526	
413	125.91	48.6	71.20	-49.90	57450	
423	128.96	48.7	71.30	-49.90	57493	
433	132.01	48.6	71.20	-49.90	57631	
443	135.06	48.6	71.20	-49.80	57449	
453	138.11	49.3	71.90	-50.10	57489	
463	141.16	49.7	72.30	-50.20	57474	
473	144.21	50.1	72.70	-49.90	57437	
483	147.26	49.6	72.20	-50.00	57459	
493	150.30	48.9	71.50	-49.70	57429	
503	153.35	49.2	71.80	-49.60	57340	
513	156.40	48.4	71.00	-49.60	57381	
523	159.45	49.5	72.10	-49.60	57470	
533	162.50	49.8	72.40	-49.60	57411	
543	165.55	49	71.60	-49.80	57432	
553	168.60	49.1	71.70	-49.70	57332	
563	171.65	48	70.60	-49.80	57362	
573	174.70	48.7	71.30	-49.90	57452	
583	177.74	47.9	70.50	-50.00	57413	

Charlotte Project
DDH-11-260b
Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field	Comment
593	180.79	48.9	71.50	-50.10	57440	
603	183.84	49.4	72.00	-50.10	57451	
613	186.89	49.4	72.00	-50.10	57441	
623	189.94	49.2	71.80	-50.20	57461	
633	192.99	48.3	70.90	-50.40	57406	
643	196.04	49.2	71.80	-50.60	57476	
653	199.09	49.2	71.80	-50.60	57475	
663	202.13	48.5	71.10	-50.50	57397	
673	205.18	49	71.60	-50.90	57450	
683	208.23	48.1	70.70	-50.80	57445	
693	211.28	48.3	70.90	-50.80	57405	
703	214.33	48.1	70.70	-50.90	57407	
713	217.38	49	71.60	-50.90	57466	
723	220.43	48.8	71.40	-51.00	57466	
733	223.48	49.4	72.00	-51.00	57457	
743	226.52	48.5	71.10	-51.00	57415	
753	229.57	48.8	71.40	-51.00	57373	
763	232.62	49	71.60	-51.00	57363	
773	235.67	49.5	72.10	-51.10	57406	
783	238.72	49.6	72.20	-51.10	57441	
793	241.77	49.2	71.80	-51.00	57381	
803	244.82	49.4	72.00	-51.20	57436	
813	247.87	49.6	72.20	-51.00	57371	
823	250.91	49.9	72.50	-51.10	57344	
833	253.96	49.1	71.70	-51.10	57394	
843	257.01	49.1	71.70	-51.00	57420	
853	260.06	49.1	71.70	-51.00	57431	
863	263.11	49.1	71.70	-51.00	57414	
873	266.16	49.7	72.30	-51.20	57403	
883	269.21	49.5	72.10	-51.00	57391	
893	272.26	49	71.60	-51.20	57424	
903	275.30	49.8	72.40	-51.10	57368	
913	278.35	49.6	72.20	-51.00	57395	
923	281.40	49.7	72.30	-51.40	57446	
933	284.45	49.1	71.70	-51.40	57373	
943	287.50	49.1	71.70	-51.30	57398	
953	290.55	48.7	71.30	-51.70	57421	
963	293.60	49.1	71.70	-51.60	57387	
973	296.65	49.5	72.10	-51.60	57395	
983	299.70	48.9	71.50	-52.10	57416	
993	302.74	48.8	71.40	-51.90	57434	
1003	305.79	48.1	70.70	-52.10	57437	
1013	308.84	49.3	71.90	-52.40	57399	
1023	311.89	48.7	71.30	-52.60	57418	
1033	314.94	49.4	72.00	-52.80	57438	
1043	317.99	49.3	71.90	-53.00	57361	
1053	321.04	48.7	71.30	-53.30	57414	
1063	324.09	49.6	72.20	-53.20	57414	
1073	327.13	49.6	72.20	-53.20	57507	
1083	330.18	49.4	72.00	-53.20	57373	
1093	333.23	49.3	71.90	-53.30	57442	
1103	336.28	49.2	71.80	-53.00	57461	
1113	339.33	50	72.60	-53.00	57418	
1123	342.38	49.8	72.40	-52.90	57230	
1133	345.43	50.6	73.20	-52.80	57657	

Charlotte Project
DDH-11-260b
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
45.12	49.75	4.63	1065318	poor recovery	Fault Zone	0.701	4.9			
49.75	54.27	4.52	1065319	poor recovery	Fault Zone	0.228	3.6			
54.27	56.80	2.53	1065320	poor recovery	Fault Zone	0.185	3.4			
56.80	58.75	1.95	1065321	poor recovery	Bx Sulphide Mafic Gneiss	0.720	5.2			
58.75	60.50	1.75	1065322	poor recovery	Fault Zone	2.225	6			
60.50	61.90	1.40	1065323	poor recovery	Bx Sulphide Mafic Gneiss	4.290	4.6			
61.90	61.90		1065324	**Blank**		0.021	<0.1			
61.90	63.41	1.51	1065325	poor recovery	Bx Sulphide Mafic Gneiss	6.918	7.5			
63.41	66.46	3.05	1065326	poor recovery	Faulted Quartz Porphyry	0.023	0.3			
66.46	69.49	3.03	1065327	poor recovery	Limonite Quartz Porphyry	0.019	0.2			
69.49	71.85	2.36	1065328	poor recovery	Faulted Quartz Porphyry	0.195	3.4			
71.85	72.75	0.90	1065329		Faulted Altered Gneiss	0.031	1.3			
72.75	75.61	2.86	1065330	poor recovery	Faulted Altered Gneiss	0.013	1			
75.61	76.40	0.79	1065331		Faulted Altered Gneiss	0.012	1.4			
76.40	77.50	1.10	1065332	poor recovery	Faulted Altered Gneiss	0.009	2.7			
77.50	78.40	0.90	1065333	poor recovery	Faulted Altered Gneiss	0.033	2.5			
78.40	78.40		1065334	**STD: PM 436**		0.395	0.2			
78.40	79.50	1.10	1065335	poor recovery	Faulted Altered Gneiss	0.026	2.6			
79.50	80.10	0.60	1065336		Faulted Altered Gneiss	0.062	2.2			
80.10	82.20	2.10	1065337	poor recovery	Faulted Altered Gneiss	0.166	1.5			
82.20	84.20	2.00	1065338	poor recovery	Faulted Altered Gneiss	0.330	2.3			
84.20	85.00	0.80	1065339		Faulted Altered Gneiss	0.420	0.7			
85.00	86.95	1.95	1065340		Bx Sulphide Mafic Gneiss	0.026	1.1			
86.95	87.90	0.95	1065341		Bx Sulphide Mafic Gneiss	0.024	0.1			
87.90	89.60	1.70	1065342		Fault Gouge	0.464	2.2			
89.60	90.75	1.15	1065343		Mafic Gneiss	0.018	0.6			
90.75	91.70	0.95	1065344		Mafic Gneiss	0.015	0.3			
91.70	92.68	0.98	1065345		Mafic Gneiss	0.032	0.9			
92.68	93.50	0.82	1065346		Sulphide Feldspar Porphyry	0.021	0.8			
92.68	93.50	0.82	1065347	**Duplicate**	Sulphide Feldspar Porphyry	0.014	0.6			
93.50	94.50	1.00	1065348		Sulphide Feldspar Porphyry	0.045	1.5			
94.50	95.20	0.70	1065349		Sulphide Feldspar Porphyry	0.170	1.7			
95.20	96.20	1.00	1065350		Mafic-Felsic Feld Gneiss	0.118	1.5			
96.20	97.30	1.10	1065351		Mafic-Felsic Feld Gneiss	0.074	2.7			
97.30	98.10	0.80	1065352		Mafic-Felsic Feld Gneiss	0.203	0.7			
98.10	99.05	0.95	1065353		Mafic-Felsic Feld Gneiss	0.036	1.1			
99.05	101.70	2.65	1065354		Mafic-Felsic Feld Gneiss	<0.005	0.6			
101.70	102.50	0.80	1065355		Mafic-Felsic Feld Gneiss	<0.005	0.2			
102.50	102.50		1065356	**STD: PM 925**		>10.000	>100.0		175	
102.50	104.20	1.70	1065357		Mafic-Felsic Feld Gneiss	<0.005	0.2			
104.20	106.00	1.80	1065358	poor recovery	Gougy Felsic Gneiss	0.085	2			
106.00	108.85	2.85	1065359	poor recovery	Bx Sulphide Mafic Gneiss	0.049	3.1			
108.85	110.40	1.55	1065360	poor recovery	Bx Sulphide Mafic Gneiss	0.255	10.3			
110.40	111.90	1.50	1065361		Bx Sulphide Mafic Gneiss	0.092	1.9			
111.90	113.00	1.10	1065362		Bx Sulphide Mafic Gneiss	0.106	1.5			
113.00	115.24	2.24	1065363	poor recovery	Fault Gouge	0.645	25.9			
115.24	116.40	1.16	1065364		Fault Gouge	0.070	1.4			
116.40	116.40		1065365	**Blank**		<0.005	<0.1			
116.40	117.85	1.45	1065366		Brecciated QFP	<0.005	0.6			
117.85	118.50	0.65	1065367		Brecciated QFP	0.044	3.7			
118.50	119.00	0.50	1065368		Brecciated QFP	0.065	0.9			
119.00	121.00	2.00	1065369	poor recovery	Brecciated QFP	0.302	2			
121.00	121.65	0.65	1065370		Brecciated QFP	0.991	3.9			
121.65	122.15	0.50	1065371		Brecciated QFP	>10.000	37.5	17.8	37	<50
122.15	122.15		1065372	**Blank**		<0.005	<0.1			
122.15	122.95	0.80	1065373		High Sulphide Vein	>10.000	>100.0	16.2	>300	1097
122.95	122.95		1065374	**Blank**		0.006	0.8			
122.95	122.95		1065375	**Blank**		0.005	0.2			
122.95	123.80	0.85	1065376		Silicified Mafic Gneiss	1.003	3.2			
123.80	124.75	0.95	1065377		Silicified Mafic Gneiss	0.217	6.4			
124.75	125.70	0.95	1065378		Silicified Mafic Gneiss	0.279	5.3			
125.70	126.70	1.00	1065379		Silicified Mafic Gneiss	0.255	5.1			
126.70	127.70	1.00	1065380		Silicified Mafic Gneiss	0.079	1.5			
127.70	128.95	1.25	1065381	poor recovery	Silicified Mafic Gneiss	0.016	0.8			
128.95	130.20	1.25	1065382		Silicified Mafic Gneiss	0.091	0.5			

Charlotte Project
DDH-11-260b
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
130.20	130.90	0.70	1065383		Silicified Mafic Gneiss	0.020	0.5			
130.90	132.40	1.50	1065384		Silicified Mafic Gneiss	<0.005	0.7			
132.40	133.35	0.95	1065385		Silicified Mafic Gneiss	<0.005	0.6			
133.33	133.33		1065386	**STD: PM 436**		0.368	0.2			
133.35	134.35	1.00	1065387		Silicified Mafic Gneiss	0.005	0.5			
134.35	135.75	1.40	1065388		Silicified Mafic Gneiss	<0.005	0.1			
135.75	136.60	0.85	1065389		Silicified Mafic Gneiss	<0.005	0.3			
136.60	138.60	2.00	1065390	poor recovery	Silicified Mafic Gneiss	<0.005	0.1			
138.60	140.20	1.60	1065391	poor recovery	Silicified Mafic Gneiss	<0.005	0.2			
140.20	141.75	1.55	1065392		Silicified Mafic Gneiss	0.011	0.9	N.A.		
141.75	142.68	0.93	1065393		Silicified Mafic Gneiss	0.012	1.2	N.A.		
142.68	143.65	0.97	1065394		Silicified Mafic Gneiss	0.078	10.7	N.A.		
143.65	145.10	1.45	1065395		Silicified Mafic Gneiss	0.017	1.1	N.A.		
145.10	146.15	1.05	1065396		Silicified Mafic Gneiss	0.006	0.2	N.A.		
145.10	146.15	1.05	1065397	**Duplicate**	Silicified Mafic Gneiss	0.012	0.2	N.A.		
146.15	147.80	1.65	1065398	poor recovery	Silicified Mafic Gneiss	0.007	0.2	N.A.		
147.80	149.50	1.70	1065399	poor recovery	Silicified Mafic Gneiss	<0.005	0.2	N.A.		
149.50	150.65	1.15	1065400		Quartz Feldspar Porphyry	<0.005	0.4	N.A.		
150.65	151.83	1.18	1065401		Quartz Feldspar Porphyry	<0.005	0.2	N.A.		
151.83	152.80	0.97	1065402		Quartz Feldspar Porphyry	<0.005	<0.1	N.A.		
152.80	153.60	0.80	1065403		Bx Bleached Gneiss	<0.005	0.2	N.A.		
153.60	154.88	1.28	1065404		Mafic Gneiss	<0.005	0.2	N.A.		
154.88	155.60	0.72	1065405		Feld Porphyry/Blh Gneiss	<0.005	0.2	N.A.		
155.60	156.70	1.10	1065406		Feld Porphyry/Blh Gneiss	<0.005	0.2	N.A.		
156.70	156.70		1065407	**STD: PM 925**		>10.000	>100.0	11.8	178	
156.70	157.93	1.23	1065408		Feld Porphyry/Blh Gneiss	<0.005	0.2	N.A.		
157.93	158.10	0.17	1065409		Feld Porphyry/Blh Gneiss	0.065	9.8	N.A.		
158.10	159.10	1.00	1065410		Feld Porphyry/Blh Gneiss	<0.005	0.2	N.A.		
159.10	160.55	1.45	1065411		Mafic Gneiss	<0.005	0.2	N.A.		
160.55	161.70	1.15	1065412		Feld Porphyry/Blh Gneiss	<0.005	0.3	N.A.		
161.70	162.30	0.60	1065413		Mafic Gneiss	<0.005	0.1	N.A.		
162.30	163.20	0.90	1065414		Mafic Gneiss	<0.005	0.4	N.A.		
163.20	163.72	0.52	1065415		Feld Porphyry/Blh Gneiss	0.008	0.4	N.A.		
163.72	164.25	0.53	1065416		Fault Gouge	0.064	5.8	N.A.		
164.25	164.25		1065417	**Blank**		<0.005	<0.1	N.A.		
164.25	165.20	0.95	1065418		Bleached Mafic Gneiss	<0.005	0.3	N.A.		
165.20	165.85	0.65	1065419		Bleached Mafic Gneiss	0.026	3.3	N.A.		
165.85	167.30	1.45	1065420		Bleached Mafic Gneiss	0.005	0.6	N.A.		
167.30	168.75	1.45	1065421		Bleached Mafic Gneiss	<0.005	0.1	N.A.		
168.75	170.12	1.37	1065422		Quartz Feldspar Porphyry	<0.005	0.8	N.A.		
170.12	171.60	1.48	1065423		Quartz Feldspar Porphyry	0.012	1.4	N.A.		
171.60	173.17	1.57	1065424		Quartz Feldspar Porphyry	<0.005	0.5	N.A.		
173.17	176.00	2.83	1065425	poor recovery	Bleached Feld Porphyry	<0.005	0.3	N.A.		
176.00	178.20	2.20	1065426	poor recovery	Bleached Feld Porphyry	<0.005	1.1	N.A.		
178.20	179.15	0.95	1065427		Bleached Feld Porphyry	<0.005	0.3	N.A.		
179.15	179.15		1065428	**STD: PM 436**		0.417	0.2	N.A.		
179.15	180.10	0.95	1065429		Bleached Feld Porphyry	<0.005	0.2	N.A.		
180.10	181.40	1.30	1065430		Bleached Feld Porphyry	0.005	0.5	N.A.		
181.40	182.32	0.92	1065431		Mafic Gneiss	0.010	0.1	N.A.		
182.32	183.45	1.13	1065432		Mafic Gneiss	<0.005	0.1	N.A.		
183.45	184.35	0.90	1065433		Bleached Feld Porphyry	<0.005	0.1	N.A.		
184.35	185.25	0.90	1065434		Bleached Feld Porphyry	<0.005	0.2	N.A.		
185.25	186.10	0.85	1065435		Bleached Feld Porphyry	<0.005	0.2	N.A.		
186.10	187.00	0.90	1065436		Bleached Feld Porphyry	<0.005	0.2	N.A.		
187.00	188.00	1.00	1065437		Bleached Feld Porphyry	<0.005	<0.1	N.A.		
188.00	189.20	1.20	1065438		Bleached Feld Porphyry	<0.005	<0.1	N.A.		
189.20	190.65	1.45	1065439	poor recovery	Mafic Gneiss	<0.005	<0.1	N.A.		
190.65	192.00	1.35	1065440		Mafic Gneiss	<0.005	0.1	N.A.		
192.00	192.95	0.95	1065441		Sulphide Blh Feld Porphyry	<0.005	0.1	N.A.		
192.95	193.90	0.95	1065442		Sulphide Blh Feld Porphyry	<0.005	0.2	N.A.		
192.95	193.90	0.95	1065443	**Duplicate**	Sulphide Blh Feld Porphyry	<0.005	0.3	N.A.		
193.90	195.80	1.90	1065444		Sulphide Blh Feld Porphyry	<0.005	<0.1	N.A.		
195.80	196.95	1.15	1065445	poor recovery	Sulphide Blh Feld Porphyry	<0.005	<0.1	N.A.		
196.95	199.70	2.75	1065446	poor recovery	Sulphide Blh Feld Porphyry	<0.005	0.3	N.A.		
199.70	200.85	1.15	1065447		Sulphide Blh Feld Porphyry	<0.005	0.1	N.A.		
200.85	200.85		1065448	**STD: PM 925**		>10.000	>100.0	11.7	184	

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Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
200.85	201.70	0.85	1065449		Sulphide Blh Feld Porphyry	0.011	0.6	N.A.		
201.70	202.30	0.60	1065450		Sulphide Blh Feld Porphyry	0.010	0.9	N.A.		
202.30	203.66	1.36	1065451		Mafic Gneiss	0.007	0.5	N.A.		
203.66	205.49	1.83	1065452		Mafic Gneiss	<0.005	0.2	N.A.		
205.49	207.00	1.51	1065453		Feldspar Porphyry	<0.005	0.2	N.A.		
207.00	208.08	1.08	1065454		Feldspar Porphyry	<0.005	<0.1	N.A.		
208.08	209.50	1.42	1065455		Feldspar Porphyry	<0.005	<0.1	N.A.		
209.50	211.00	1.50	1065456		Feldspar Porphyry	<0.005	<0.1	N.A.		
211.00	212.25	1.25	1065457		Mafic Gneiss	0.008	0.1	N.A.		
212.25	212.25		1065458	**Blank**		<0.005	<0.1	N.A.		
212.25	213.75	1.50	1065459		Feldspar Porphyry	<0.005	<0.1	N.A.		
213.75	215.25	1.50	1065460		Feldspar Porphyry	0.005	<0.1	N.A.		
215.25	216.75	1.50	1065461		Blh Feldspar Porphyry	0.021	2.2	N.A.		
216.75	218.25	1.50	1065462		Blh Feldspar Porphyry	<0.005	0.8	N.A.		
218.25	219.75	1.50	1065463		Blh Feldspar Porphyry	<0.005	2	N.A.		
219.75	221.25	1.50	1065464		Feldspar Porphyry	<0.005	0.3	N.A.		
221.25	222.75	1.50	1065465		Feldspar Porphyry	<0.005	<0.1	N.A.		
222.75	224.25	1.50	1065466		Blh Feldspar Porphyry	<0.005	0.1	N.A.		
224.25	225.50	1.25	1065467		Blh Feldspar Porphyry	<0.005	<0.1	N.A.		
225.50	225.50		1065468	**STD: PM 436**		0.454	0.2	N.A.		
225.50	227.00	1.50	1065469		Blh Feldspar Porphyry	<0.005	0.4	N.A.		
227.00	228.50	1.50	1065470		Blh Feldspar Porphyry	<0.005	<0.1	N.A.		
228.50	229.70	1.20	1065471		Blh Feldspar Porphyry	<0.005	0.3	N.A.		
229.70	231.15	1.45	1065472		Blh Feldspar Porphyry	0.013	1.3	N.A.		
231.15	232.20	1.05	1065473		Mafic Gneiss	0.005	0.2	N.A.		
232.20	233.30	1.10	1065474		Mafic Gneiss	<0.005	0.2	N.A.		
233.30	234.80	1.50	1065475		Blh Feldspar Porphyry	<0.005	0.2	N.A.		
234.80	235.70	0.90	1065476		Blh Feldspar Porphyry	0.052	0.8	N.A.		
235.70	237.20	1.50	1065477		Blh Feldspar Porphyry	0.056	0.8	N.A.		
235.70	237.20	1.50	1065478	**Duplicate**	Blh Feldspar Porphyry	0.083	1	N.A.		
237.20	238.70	1.50	1065479		Blh Feldspar Porphyry	<0.005	0.2	N.A.		
238.70	240.29	1.59	1065480		Quartz Feldspar Porphyry	<0.005	0.3	N.A.		
240.29	241.35	1.06	1065481		Quartz Feldspar Porphyry	0.011	0.3	N.A.		
241.35	242.85	1.50	1065482		Bx Feldspar Porphyry	0.391	0.8	N.A.		
242.85	244.05	1.20	1065483		Bx Feldspar Porphyry	0.986	1.3	N.A.		
244.05	245.20	1.15	1065484		Bx Feldspar Porphyry	0.101	1	N.A.		
245.20	246.45	1.25	1065485		Bx Feldspar Porphyry	0.171	2.5	N.A.		
246.45	247.40	0.95	1065486		Bx Feldspar Porphyry	0.042	0.6	N.A.		
247.40	248.65	1.25	1065487		Bx Feldspar Porphyry	0.018	0.4	N.A.		
248.65	248.65		1065488	**STD: PM 925**		>10.000	>100.0	11.3	164	
248.65	249.55	0.90	1065489		Bx Feldspar Porphyry	<0.005	0.5	N.A.		
249.55	250.70	1.15	1065490		Bx Feldspar Porphyry	0.081	3.1	N.A.		
250.70	252.43	1.73	1065491		Bx Feldspar Porphyry	0.008	0.5	N.A.		
252.43	253.45	1.02	1065492		Faulted Gneiss	0.012	1.7	N.A.		
253.45	254.74	1.29	1065493		Faulted Gneiss	0.021	1.6	N.A.		
254.74	255.49	0.75	1065494		Faulted Gneiss	0.605	4.7	N.A.		
255.49	256.45	0.96	1065495		Faulted Gneiss	0.127	13.2	N.A.		
256.45	257.50	1.05	1065496		Faulted Gneiss	0.461	5.2	N.A.		
257.50	258.54	1.04	1065497		Faulted Gneiss	0.168	17.6	N.A.		
258.54	259.30	0.76	1065498		Sulphide Bx Feld Porphyry	0.274	21.5	N.A.		
259.30	259.30		1065499	**Blank**		<0.005	<0.1	N.A.		
259.30	260.20	0.90	1065500		Sulphide Bx Feld Porphyry	0.148	19.2	N.A.		
260.20	261.05	0.85	1065501		Sulphide Bx Feld Porphyry	0.218	7.6	N.A.		
261.05	262.10	1.05	1065502		Sulphide Bx Feld Porphyry	0.144	5.6	N.A.		
262.10	263.45	1.35	1065503		Sulphide-Rich Brecciated FP	0.554	20.3	N.A.		
263.45	264.60	1.15	1065504		Sulphide-Rich Brecciated FP	0.779	1.4	N.A.		
264.60	265.70	1.10	1065505		Sulphide-Rich Brecciated FP	0.086	43.8	N.A.		
265.70	266.30	0.60	1065506		Sulphide-Rich Brecciated FP	0.044	11.7	N.A.		
266.30	267.40	1.10	1065507		Brecciated Mafic Gneiss	0.067	3.1	N.A.		
267.40	268.30	0.90	1065508		Brecciated Mafic Gneiss	0.238	2.4	N.A.		
268.30	268.30		1065509	**STD: PM 436**		0.415	0.2	N.A.		
268.30	269.21	0.91	1065510		Brecciated Mafic Gneiss	0.014	0.2	N.A.		
269.21	270.40	1.19	1065511		Brecciated Mafic Gneiss	0.034	1.2	N.A.		
270.40	271.65	1.25	1065512		Brecciated Mafic Gneiss	<0.005	0.1	N.A.		
271.65	272.75	1.10	1065513		Fault Gouge	<0.005	0.1	N.A.		

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DDH-11-260b
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
272.75	273.95	1.20	1065514		Fault Gouge	0.019	0.7	N.A.		
273.95	274.95	1.00	1065515		Folded/Bx Feldspar Porphyry	0.269	1	N.A.		
274.95	275.95	1.00	1065516		Folded/Bx Feldspar Porphyry	0.110	1.6	N.A.		
275.95	276.95	1.00	1065517		Folded/Bx Feldspar Porphyry	0.021	1.4	N.A.		
276.95	277.90	0.95	1065518		Folded/Bx Feldspar Porphyry	0.010	0.2	N.A.		
277.90	278.80	0.90	1065519		Folded/Bx Feldspar Porphyry	0.009	0.4	N.A.		
278.80	279.88	1.08	1065520	poor recovery	Sulphide Bx Feld Porphyry	0.044	1.4	N.A.		
279.88	279.88		1065521	**Blank**		<0.005	<0.1	N.A.		
279.88	281.75	1.87	1065522	poor recovery	Sulphide Bx Feld Porphyry	0.135	4.6	N.A.		
281.75	284.00	2.25	1065523		Fault Zone	0.049	13.8	N.A.		
284.00	285.60	1.60	1065524	poor recovery	Fault Zone	0.018	1.1	N.A.		
285.60	288.11	2.51	1065525	poor recovery	Fault Zone	0.025	14.4	N.A.		
288.11	295.20	7.09	1065526	poor recovery	Fault Zone	0.012	1.8	N.A.		
295.20	296.20	1.00	1065527		Fault Zone	0.624	2.4	N.A.		
296.20	297.26	1.06	1065528		Fault Zone	0.100	0.8	N.A.		
297.26	298.17	0.91	1065529		Bx Feldspar Porphyry	0.011	0.3	N.A.		
298.17	299.40	1.23	1065530		Bx Feldspar Porphyry	<0.005	0.1	N.A.		
299.40	300.75	1.35	1065531		Bx Feldspar Porphyry	0.005	2.7	N.A.		
300.75	301.75	1.00	1065532		Bx Feldspar Porphyry	0.054	1.1	N.A.		
301.75	302.75	1.00	1065533		Bx Feldspar Porphyry	<0.005	0.2	N.A.		
302.75	303.75	1.00	1065534		Bx Feldspar Porphyry	<0.005	0.1	N.A.		
302.75	303.75	1.00	1065535	**Duplicate**	Bx Feldspar Porphyry	0.035	3.5	N.A.		
303.75	305.05	1.30	1065536		Bx Feldspar Porphyry	0.008	0.2	N.A.		
305.05	306.40	1.35	1065537		Pillowed? Mafic Gneiss	<0.005	<0.1	N.A.		
306.40	307.90	1.50	1065538		Pillowed? Mafic Gneiss	0.013	1.8	N.A.		
307.90	309.40	1.50	1065539		Pillowed? Mafic Gneiss	0.018	0.5	N.A.		
309.40	310.50	1.10	1065540		Pillowed? Mafic Gneiss	0.142	0.8	N.A.		
310.50	310.50		1065541	**STD: PM 925**		>10.000	>100.0	11.6	171	
310.50	312.00	1.50	1065542		Pillowed? Mafic Gneiss	0.008	<0.1	N.A.		
312.00	313.20	1.20	1065543		Pillowed? Mafic Gneiss	0.008	0.2	N.A.		
313.20	313.92	0.72	1065544		Pillowed? Mafic Gneiss	0.045	0.2	N.A.		
313.92	315.15	1.23	1065545		Pillowed? Mafic Gneiss	<0.005	<0.1	N.A.		
315.15	316.65	1.50	1065546		Pillowed? Mafic Gneiss	0.012	<0.1			
316.65	317.60	0.95	1065547		Pillowed? Mafic Gneiss	<0.005	<0.1			
317.60	318.40	0.80	1065548		Pillowed? Mafic Gneiss	0.022	0.1			
318.40	319.90	1.50	1065549		Pillowed? Mafic Gneiss	0.240	0.4			
319.90	321.19	1.29	1065550		Pillowed? Mafic Gneiss	0.021	0.2			
321.19	322.69	1.50	1065551		Pillowed? Mafic Gneiss	0.631	0.4			
322.69	323.70	1.01	1065552		Pillowed? Mafic Gneiss	0.012	<0.1			
323.70	325.10	1.40	1065553		Pillowed? Mafic Gneiss	<0.005	0.2			
325.10	325.10		1065554	**Blank**		<0.005	<0.1			
325.10	326.60	1.50	1065555		Pillowed? Mafic Gneiss	<0.005	<0.1			
326.60	328.10	1.50	1065556		Pillowed? Mafic Gneiss	0.008	0.1			
328.10	329.60	1.50	1065557		Pillowed? Mafic Gneiss	<0.005	0.1			
329.60	330.85	1.25	1065558		Pillowed? Mafic Gneiss	<0.005	<0.1			
330.85	332.15	1.30	1065559		Pillowed? Mafic Gneiss	0.007	<0.1			
332.15	333.15	1.00	1065560		Pillowed? Mafic Gneiss	0.648	1.6			
333.15	334.50	1.35	1065561		Pillowed? Mafic Gneiss	0.009	0.1			
334.50	335.50	1.00	1065562		Pillowed? Mafic Gneiss	0.007	0.2			
335.50	336.20	0.70	1065563		Pillowed? Mafic Gneiss	<0.005	<0.1			
336.20	337.50	1.30	1065564		Pillowed? Mafic Gneiss	<0.005	0.1			
337.50	338.80	1.30	1065565		Pillowed? Mafic Gneiss	<0.005	0.1			
338.80	340.20	1.40	1065566		Pillowed? Mafic Gneiss	<0.005	0.2			
340.20	341.20	1.00	1065567		Pillowed? Mafic Gneiss	<0.005	0.1			
341.20	342.65	1.45	1065568		Feldspar Porphyry	<0.005	<0.1			
342.65	343.90	1.25	1065569		Mafic Gneiss	<0.005	<0.1			
343.90	345.05	1.15	1065570		Mafic Gneiss	<0.005	0.1			
345.05	346.10	1.05	1065571		Mafic Gneiss	<0.005	0.2			
346.10	347.20	1.10	1065572		Mafic Gneiss	<0.005	0.1			
347.20	348.60	1.40	1065573		Mafic Gneiss	<0.005	<0.1			
348.60	350.00	1.40	1065574		Mafic Gneiss	<0.005	<0.1			
350.00	350.00		1065575	**STD: PM436**		0.389	0.2			
350.00	EOH									

Charlotte Project
DDH-11-261
Drill Log Summary and Cover Sheet

Hole Id:	**DDH-11-261**		
Property:	**Charlotte**	Logged By:	**L. Binnion**
Area:	**Flex Zone**	Date Logged:	**July 9-12, 2011**
Client:	**Ansell Capital Corp.**		

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	**NAD83, Zone 8**		
Easting:	**386759.74 mE**	Azimuth:	**045 °**
Northing:	**6881680.80 mN**	Dip:	**-51 °**
Elevation:	**1288.83 m**	Length:	**148.78 m**

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	**386759 mE**	Azimuth:	**045 °**
Northing:	**6881679 mN**	Dip:	**-50 °**
Elevation:	**1291 m**	Length:	**150 m**

Drilling Information:

Contractor:	**DJ Drilling**
Core Diameter:	**HQ**
Start Date:	**30-Jun-2011**
End Date:	**3-Jul-2011**
Casing In:	**No**
Casing Capped:	**No**
Units:	**Metric**

Hole Objective:
25m step out northwest of DDH-11-258

Hole Summary:
The main rock type in this hole is a felsic sericite schist, sometimes containing muscovite books. Most of the mafic phases are less altered and thus are probably later-stage dykes. Between 60.10m and 65.25m there are many thin sulphide bearing veins (pyrite, arsenopyrite, galena, sphalerite) hosted in dark grey material. Further down between 72.95m and 82.00m the same sulphides are hosted in a soft, milky coloured matrix. These same type of veins reappear between 96.72m and 101.17m. The sulphide-bearing veins correlate with extreme bleaching of the host rock. Finally between 116.58m and 124.31m there is a gougy, broken section with dark grey, sulphide-rich sections. Below this section the rocks are extremely folded and brecciated.

Lithology Summary

From	To	Lith	Comment
4.57	6.50	**MS**	
6.50	16.28	**Sch**	
16.28	21.53	**MS**	
21.53	26.52	**Sch**	
26.52	27.44	**MS**	
27.44	50.50	**Sch**	
50.50	51.81	**MS**	
51.81	60.10	**Sch**	
60.10	65.25	**Sch**	silicified, SV
65.25	69.00	**FZ**	
69.00	71.40	**FGn**	
71.40	72.95	**MGn**	
72.95	82.00	**FGn**	
82.00	84.95	**MGn**	
84.95	87.15	**FGn**	
87.15	96.72	**MGn**	
96.72	101.17	**FGn**	
101.17	103.78	**MGn**	
103.78	107.10	**MGn**	silicified
107.10	109.03	**Sch**	
109.03	116.58	**FP**	fine grained
116.58	124.31	**FP-x**	fine grained
124.31	127.00	**MGn**	
127.00	127.88	**FZ**	
127.88	133.52	**FP-x**	fine grained
133.52	135.00	**Qz-x**	white
135.00	135.95	**Qz-x**	grey
135.95	138.85	**FP-x**	fine grained
138.85	140.33	**MS-x**	
140.33	142.68	**FP-x**	fine grained
142.68	143.10	**FZ**	
143.10	144.82	**MS-x**	
144.82	148.10	**FP-x**	fine grained
148.10	148.78	**MS-x**	
148.78		**EOH**	

Charlotte Project
DDH-11-261
Detailed Log

Hole Id:	DDH-11-261
Logged By:	L. Binnion

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization						Alteration																Foliation	Shearing		Fractures		Veins							Brecciation				Upper Contact	Lower Contact	
From	To	From	To	Code			Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnizn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	% Clasts	Rounding	Matrix	% Matrix	Intensity	to CA	Description	to CA	Description
0.00	4.57			CAS		CASING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.57	6.50			MS	Mafic Schist- Dyke?	Fg, soft rock with intrusive texture and slight schistosity. Composition is 50% mafic (pyroxene or amphibole) with a limonite-altered felsic phase that is probably feldspar. There is also 5% sericite. Much of the unit has been extensively bleached and silicified. There are some 0.5-1cm quartz veins that parallel to the 40 deg tca schistosity but are deformed and contorted.	0	0	0	0	0	0	-	Light orange	2	0	0	1	0	0	0	0	3	0	0	0	3	0	0	0	0	0	Pervasive	40	-	-	-	-	40	5%	0.5-1cm	conformable	qtz	-	-	-	-	-	-	40	gradual over 10cm	-	gradual over 10cm
		5.70	6.10	MS	Mafic Schist	As above but less altered. May have been later stage?	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.50	16.28			Sch	Sericite/muscovite Schist	Fg, soft, schisty rock, heavily altered by sericite and limonite. There has been moderate silicification, and there are 0.5-1cm quartz veins that follow schistosity for the most part, although they exhibit folding and deformation. Fractures contain manganese staining.	0	0	0	0	0	0	-	Light orange	2	0	0	5	0	0	0	4	0	0	0	0	0	0	0	0	0	0	Pervasive	40	-	-	-	-	40	5%	0.2-1cm	conformable	qtz	-	-	-	-	-	-	40	gradual over 10cm	65	gradual over 1m
		10.21	13.78	Sch	Silicified Sericite Schist	Hard, schisty rock which has been extensively altered by sericite and then silicified. There is patchy limonite alteration throughout, mostly on fracture planes. Manganese staining is also visible along fractures. Vuggy textures occur locally with the largest being a 7cm wide zone at 12.90m (photo). Quartz veins have brecciated the unit, and have been tightly folded. Between 11.20-11.60m there is a zone of rubble with posphnitic, sub rounded pebbles.	0	0	0	0	0	0	-	Yellow, orange-brown staining	4	0	0	5	0	0	0	2	0	0	0	0	0	0	0	0	0	0	Pervasive	55	-	-	-	-	55	5%	0.2-1cm	conformable	qtz	Sericite schist	0.8	angular	qtz	0.2	moderate	-	-	-	-
16.28	21.53			MS	Mafic Schist	Fg, hard rock with an igneous texture but a well-developed schistosity and some gneissic banding. Composition is about 50% mafic (pyroxene or amphibole) with feldspar and about 10% sericite. Starting at 17.20m, the unit becomes significantly more silicified. Most quartz veins run roughly parallel to the schistosity with some deformation but there are a few that crosscut as well.	0	0	0	0	0	0	-	Dark grey-blue	4	0	0	3	0	0	0	2	0	0	0	3	0	0	0	0	0	0	Pervasive	65	-	-	-	-	65	5%	0.2-1cm	conformable	qtz	-	-	-	-	-	-	65	gradual over 1m	-	alteration contact
		19.00	20.43	MS	Mafic Schist	As above but more silicified (lighter blue colour).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21.53	26.52			Sch	Altered sericite schist	The may be a mafic schist with extreme clay, limonite and sericite alteration, but there is no evidence of matic minerals, besides manganese staining. It is silicified to about the same degree as 16.28-21.48m. The core is broken as angular pieces and rubbly, but at 23.18m it becomes more competent yet still intensely fractured. At 22.67m there is a brecciated quartz vein that has been extensively fractured with manganese and limonite alteration along the cracks.	0	0	0	0	0	0	-	Orange-brown	4	0	0	4	0	0	0	5	0	0	0	0	0	0	0	0	0	0	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		24.90	25.25		Siliceous vein	Intrusion of a dark grey-blue siliceous material, which may contain white phenocrysts but only two are visible so it is uncertain. There are brecciation textures along the contacts with the host rock, and small pieces of the host rock are found within the vein. The core itself is broken up and rubbly, and the fracture surfaces are covered with limonite alteration and manganese staining (photo). There is a trace amount of stringer pyrite within the siliceous material. There is also trace disseminated aspy? near the bottom	trace	trace?	0	0	0	0	stringers, disseminated	Dark grey-blue	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Pervasive	-	-	-	-	-	4	-	-	-	-	-	altered schist	0.05	angular	siliceous dyke	0.95	weak-moderate	50	sharp, brecciated	40	sharp, brecciated
		25.25	25.45		Altered schist	As above but there is 20% matic material that is all very soft (clay altered).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26.52	27.44			MS	Mafic Schist- Dyke	Rubbly section with poor recovery except for the last 25cm. Fg, medium-hard rock with igneous texture. 50% matic material (pyroxenes or amphiboles). Pervasive chlorite alteration and moderate silicification, but much less altered than the surrounding rock. Weak foliation visible. No mineralization. Lower contact is sharp but broken and unable to get orientation.	0	0	0	0	0	0	-	Dark grey-green	3	0	0	0	0	0	0	2	0	0	0	3	0	1	0	0	Pervasive	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Broken/fractured	-	Broken/fractured
27.44	50.59			Sch	Muscovite-Sericite Schist	Moderately hard, schisty rock, heavily fractured. White muscovite books are seen throughout with the sericite having a more amorphic texture. Strong limonite alteration gives it a powdery appearance. There is also pervasive sericite alteration, and silicification, with manganese staining along fractures. Quartz veins follow foliation for the most part and are fairly planar. 50% of the zone in this section is broken up. Trace py in a qtz vein at 42.70m.	trace	0	0	0	0	0	Vein hosted	Orange-brown	3	0	0	4	0	0	0	4	0	0	0	0	0	0	2	Pervasive, fracture	55	-	-	-	4	55	2%	<1cm	planar, ptygmatic	qtz	-	-	-	-	-	-	-	Broken/fractured	40	sharp, a little obscured by alteration
		30.55	31.50	Sch	Sericite Schist	As above but with stronger manganese staining giving the rock a mafic appearance. Somewhat rubbly.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		32.98	36.28	Sch	Sericite Schist	As 30.55-31.50m.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		37.05	38.90	Sch	Sericite Schist	As 30.55-31.50m, but more rubble (75% of section).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		39.25	41.16	FZ	Fault zone	Zone is as the main description but very broken up and 20% gouge content.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		46.90	50.50	Sch	Muscovite-Sericite Schist	As above but with more muscovite books than average. Contains ptygmatic quartz veining, 0.5-1cm wide. Between 48.75m and 49.30m the limonite alteration is very weak and the muscovite has a green tinge.	-	-	-	-	-	-	-	Light orange-brown	3	0	0	4	0	0	0	3	0	0	0	0	0	0	0	2	Pervasive	-	-	-	-	-	-	5%	0.5-1cm	ptygmatic	qtz	-	-	-	-	-	-	-	-	-	-
50.50	51.81			MS	Mafic Schist- Dyke	Fg, moderately hard, competent rock with igneous texture. The unit has been pervasively silicified and altered by chlorite but is much less altered than the surrounding rocks. There is significant muscovite along foliation layers and bordering quartz veins. In one instance the muscovite books are inside the quartz vein (photo). Some quartz veins follow foliation with only slight contortion, but the rock has been folded in some places and here the quartz veins are ptygmatic.	0	0	0	0	0	0	-	Medium grey-green	3	0	0	4	0	0	0	1	0	0	0	3	0	0	0	0	Pervasive	50	-	-	-	1	50	3%	0.5-1.5cm	planar, ptygmatic	qtz, musc	-	-	-	-	-	-	40	sharp, a little obscured by alteration	-	broken, alteration contact
51.81	60.10			Sch	Muscovite Schist	Very silicified and fractured unit with near-pervasive limonite alteration, and manganese staining on fracture surfaces. In the few places that do not have limonite alteration, the rock is felsic and bleached looking. At 53.50m there is a small siliceous intrusion of a material very similar to 24.90-25.25m with pyrite mineralization. Quartz veins roughly follow schistosity but are contorted and folded.	trace	0	0	0	0	0	-	Light grey, orange	4	0	0	4	0	0	0	4	0	0	0	0	0	0	2	Pervasive	-	-	-	-	3	-	3%	2mm-1cm	folded	qtz, musc	-	-	-	-	-	-	-	broken, alteration contact	60	sharp but obscured by alteration
		54.48	54.88	FZ	Fault zone	40% gouge, 60% broken rock, mixture of light grey and orange-brown, limonite altered rock. There is one piece of blue-green alteration that may be fuchsite or chlorite?	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		54.88	56.30	Sch	Muscovite Schist	As above but with more intense fracturing and sericite staining. The ptygmatic folding of quartz veins is more intense (photo).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		56.30	58.25	Sch	Muscovite Schist	This section is dominated by limonite, sericite, and muscovite alteration with comparatively little fracturing or manganese staining. Quartz veins are as above. The last 20cm of the unit contains a fg disseminated black mineral (py?).	-	-	-	-	-	-	-	Light orange	2	0	0	4	0	0	0	3	0	0	0	0	0	0	0	2	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		58.25	60.10	Sch	Muscovite Schist	As 56.30-58.05m but with more muscovite. The rock in between the quartz veins has been extensively altered to clay and removed such that the qtz veins stand out. The folding of the quartz veins is very intense. The rock is very schisty, but it is so deformed that a foliation direction is not obvious.	-	-	-	-	-	-	-	Light orange	2	0	0	4	0	0	0	3	0	0	0	0	0	0	0	4	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60.10	65.25			Sch	Silicified Schist	Appears to be the same schist as 51.81-56.10m except it has been so silicified that the only evidence is small divots in the rock where mica grains used to be. The rock is a pale yellow colour, displays vuggy textures, and contains disseminated pyrite. Pyrite is also present in stringers.	0.01	0	0	trace	0	0	disseminated	Pale grey	5	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2?	Pervasive	-	-	-	-	-	-	-	0.05	-	dark grey, sulphide-bearing	-	-	-	-	-	-	60	sharp but obscured by alteration	65?	Faulted and gougey
		60.66	60.78	SV	Sulphide vein	12cm wide vein of dark grey material. There is a local brecciation texture around the vein, and clasts of the host rock are found within it. There are smaller veinlets radiating outwards from the larger vein. The vein contains 5% pyrite, and some sphalerite, only identifiable by HCl (does not have distinct crystal form).	0.05	0	0	trace	0	0	disseminated	Dark grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		61.95	63.80	FZ	Fault gouge	80% gouge, 20% very small broken up rocks. The gouge is very cohesive, as the section still holds a cylindrical shape. Light brown-grey colour. Some purple and green alteration patches.	0	0	0	0	0	0	-	Light grey-brown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		64.40	65.25	SV	Sulphide vein	Dark grey siliceous material with 10% sulphides (mostly py, trace sphalerite and aspy). Vuggy texture, and limonite/manganese alteration along fracture planes.	0.09	trace	0	trace	0	0	disseminated, stringers (pyrite)	Dark grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65.25	69.00			FZ	Fault gouge	The whole unit is very powdery and altered by limonite, sericite, and clay. Colour alternates between orange-brown, pale yellow, and white. 50% gouge. There are some short intervals of very powdery, altered rock in this unit. At 68.60m there is a 3cm vein of the dark grey material containing 3% diss pyrite.	trace	0	0	0	0	0	disseminated in dark grey vein	Light brown, yellow, white	?	0	0	3	0	0	0	0	3	0	0	0	0	0	0	3	Pervasive	-	-	-	-	-	-	<1%	3cm	planar	dark grey, sulphide-bearing	-	-	-	-	-	-	-	Faulted and gougey	-	Faulted and gougey
69.00	71.40			FGn	Feldspar Gneiss	This unit is a feldspar gneiss that is soft and has a yellow-brown colour because of pervasive limonite and sericite alteration along the many micro-fractures. Feldspar grains are elongated parallel to the foliation. Foliation is well developed and appears crenulated. There are several thin quartz veins parallel to schistosity. Stringers of pyrite crosscut the rock. Between 69.63-69.78m there is a silicified medium grained FP with 1% pyrite disseminated and in stringers.	trace	0	0	0	0	0	stringers, disseminated	Yellow-brown	2	0	0	2	0	0	0	3	0	0	0	0	0	0	0	Pervasive (along fractures)	55	-	-	-	3	55	1%	2mm	planar	qtz	-	-	-	-	-	-	-	Faulted and gougey	-	Broken, rubbly
71.40	72.95			MGn	Mafic Gneiss	Mafic gneiss that is soft, fg, dark grey-brown colour. Contains 30% matic phase that is probably amphibole but looks sometimes like biotite. Pervasive weak limonite alteration. There are possible pillow rinds (photo). Physmatically folded quartz veins 3mm-1cm wide. Has more of a schisty texture than the majority of the matic gneisses in the area, but is likely the same unit because of the presence of pillow rinds. The foliation is 60 deg tca.	0	0	0	0	0	0	-	Grey-brown	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	Pervasive	60	-	-	-	1	60	2%	1-5mm	planar, ptygmatic	qtz	-	-	-	-	-	-	-	Broken, rubbly	-	Broken
72.95	82.00			FGn	Sulphide vein-bearing Feldspar Gneiss	As 69.00-71.40m but there are some less limonite-altered areas that have a fine grained porphyritic texture, so this may be a FP schist. Starting at 76.85m until 82.00m, there are four occurrences of intermittent sulphide-bearing crosscutting veins (pyrite, sphalerite, galena) ranging from 3mm to 3cm wide. The largest is located at 81.65m (photo). The ground mass of these veins is moderately soft (can be scratched with a steel knife) and a milky, peach colour. The rocks immediately around these veins are highly bleached and contain 2% pyrite, disseminated and in stringers. There is also one 1cm pyrite-bearing qtz vein.	0.02	trace?	trace	trace	0	0	In veins. Pyrite disseminated in host rock.	Yellow-brown	2	0	0	2	0	0	0	3	0	0	0	0	0	0	0	Pervasive	60	-	-	-	2	-	1%	3mm-3cm	crosscutting	milky, sulphide bearing	-	-	-	-	-	-	-	Broken	-	Broken, gradual
		79.98	80.73	MGn	Mafic Gneiss	As 71.40-72.95m, possibly a dyke. Photo of ptygmatic folding.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82.00	84.95			MGn	Mafic Gneiss	Soft, dark grey matic gneiss with chlorite alteration and only weak limonite along fractures. Some quartz banding parallel to gneissosity, which trends 60 deg tca. Disseminated pyrite throughout. There is a 4mm vein of the mineralized milky peach coloured material at 82.60m.	trace	trace?	trace	trace	0	0	In vein	Dark grey	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	Pervasive, fractures (lim)	60	-	-	-	2	-	1%	3mm	crosscutting	milky, sulphide bearing	-	-	-	-	-	-	-	Broken, gradual	55	slightly contorted
84.95	87.15			FGn	Sulphide vein-bearing Feldspar Gneiss	Feldspar gneiss, but orginal composition is difficult to determine because of the extensive bleaching that is related to the crosscutting sulphide veins (soft, milky-white groundmass containing py, sph, gal). There is near-pervasive limonite/sericite alteration. Pyrite and muscovite are disseminated throughout. Pyrite is also found in vitreous qtz veins and stringers. The foliation is 50 deg tca.	0.02	trace?	trace	trace	0	0	In veins, disseminated, stringers	Light grey	2	0	0	3	0	0	0	3	0	0	0	0	0	0	37	Pervasive, along fractures	50	-	-	-	2	-	4%	1mm-2cm	crosscutting	milky, sulphide bearing, qtz	-	-	-	-	-	-	55	slightly contorted	-	gougey with rubble
87.15	96.72			MGn	Mafic Gneiss	As 82.00-84.95m. Very contorted and folded quartz veins, rock surface has holes where minerals have altered out. Disseminated pyrite, especially in the dark bands. Pyrite is also in stringers, and in one 1cm vein at 87.45m. There is a vfg black mineral disseminated throughout. The foliation is 40 deg tca. Several gougey/rubbly sections throughout this unit with poor recovery.	0.02	0	0	0	0	0	disseminated	Dark grey	1	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	Pervasive, fractures (lim)	40	-	-	-	1	-	2%	1mm-1cm	crosscutting, stringers	qtz	-	-	-	-	-	-	-	gougey with rubble	-	gougey
		88.10	89.60	MGn	Mafic Gneiss	Rubbly section with poor recovery.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		89.68	92.07	MGn	Mafic Gneiss	Rubbly section with poor recovery.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		92.37	93.90	FZ	Fault gouge	Section contains 70% gouge and lots of chlorite/sericite alteration.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		94.15	94.65	FZ	Fault gouge	Section contains 40% gouge and 60% clay-altered rubble. Light grey colour.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		95.10	96.42	MGn	Mafic Gneiss	Rubbly section.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96.72	101.17			FGn	Sulphide vein-bearing Feldspar Gneiss	Feldspar gneiss, yellow with grey siliceous bands. Original composition is difficult to determine because of the extensive bleaching that is related to the crosscutting sulphide veins (soft, milky-white groundmass containing py, sph, gal 3mm wide in this section). In this unit there are also vitreous quartz veins parallel to gneissocity that contain the py, aspy, sph, gal mineral assemblage as well (up to 1.5cm). Gneissocity is 45 deg tca. There is near-pervasive sericite alteration, limonite alteration is very weak and confined to fractures. Pyrite and muscovite are disseminated throughout. Pyrite is also found in vitreous qtz veins and stringers.	0.03	trace	trace	trace	0	0	veins, disseminated, stringers	Yellow with light grey bands	2	0	0	4	0	0	0	1	0	0	0	0	0	0	0	0	Pervasive, fractures (lim)	45	-	-	-	2	-	4%	1mm-1.5cm	crosscutting, planar, stringers	milky, sulphide bearing, qtz	-	-	-	-	-	-	-	gougey	-	gougey
		96.72	99.47	FGn-z	Sulphide vein-bearing Feldspar Gneiss	As above but the section is much more gougey with a powdery alteration on the surface.	-	-	-	-	-	-	-	Yellow, white powder alteration	2	0	0	4	0	0	0	1	0	0	0	0	0	0	0	3	Pervasive, fractures (lim)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
101.17	103.78			MGn	Mafic Gneiss	Silicified matic gneiss with alternating bands of dark and light grey material. The light bands often contain a pale green alteration mineral (chl? Can't scratch it because of silicification). There is 2% 2mm diameter light pink grains throughout (garnet?) (photo). There are some quartz stringers throughout, but not much mineralization. Gneissocity is 55 deg tca.	trace	0	0	0	0	0	stringers	Dark grey, greenish	3	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	Pervasive, along foliation (chl)	55	-	-	-	-	-	<1%	1mm	stringers	py	-	-	-	-	-	-	-	gougey	-	rubbly
103.78	107.10			MGn	Silicified Mafic Gneiss	As 101.17-103.78m but more highly silicified which causes the bands to blend together eliminating the sharp colour contrasts between light and dark grey. There is also a bit more py, disseminated and in stringers parallel to foliation. Foliation is 45 deg tca.	0.01	0	0	0	0	0	disseminated, stringers	Medium grey	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Pervasive	45	-	-	-	-	-	<1%	1mm	stringers	py	-	-	-	-	-	-	-	rubbly	-	rubbly
107.10	109.03			Sch	Muscovite schist	Hard rock with well developed schistosity displaying slight crenulation. Rock colour ranges from green to grey-blue, to orange where there is limonite. Somewhat contorted quartz veins and a few pyrite stringers run parallel to gneissocity. Muscovite books are present throughout, aligned with the gneissocity. There is pervasive sericite alteration and silicification but very minimal limonite alteration along thin bands. Foliation is 55 deg tca.	trace	0	0	0	0	0	stringers	Green and grey-blue	3	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	Pervasive, along foliation (lim)	55	-	-	-	1	60	2%	1-5mm	stringers, veinlets	qtz, py	-	-	-	-	-	-	-	rubbly	-	broken
109.03	116.58			FP	Fine-grained Feldspar Porphyry	Hard, silicified, and bleached section that alternated between green and pale yellow (due to pre-silicification sericite alteration). There is 2% py, disseminated and along the many stringers. At 112.50m there is 5mm qtz vein with py down the center. Foliation is 40 deg tca.	0.02	0	0	0	0	0	disseminated, stringers	Green and pale yellow	4	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	Pervasive	40	-	-	-	1	50	1%	1-5mm	stringers, veinlets	qtz, py	-	-	-	-	-	-	-	broken	-	broken
		109.29	109.56	MGn	Mafic Gneiss- Dyke	As 101.17-103.78m but there is also a bit more py, disseminated and in stringers. Foliation is not as well developed. There is a 1cm wide quartz vein that contains disseminated pyrite, chlorite alteration, and a pink alteration mineral (photo).	0.01	0	0	0	0	0	disseminated, stringers	Dark grey, greenish	3	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	Pervasive	-	-	-	-	-	50	1%	1cm	planar	qtz, py, chl	-	-	-	-	-	-	-	-	-	-
		113.16	114.45	MGn	Mafic Gneiss- Dyke	The top and bottom of the dyke are as 109.29-109.56m, but there is 40cm in the middle that looks like a mixture of the matic gneiss and the underlying muscovite sericite schist. It is lighter coloured and has a gneissic appearance, but this is created mainly because of the contorted and folded 5-10mm qtz veins that run parallel to foliation. There is muscovite and cream coloured stringers that are crenulated but also follow foliation. There are only a couple of grains of pyrite in this section. This could be a piece of the wall rock that was incorporated into the dyke.	trace	0	0	0	0	0	grains	Dark grey, greenish	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		114.45	115.28	Sch	Muscovite schist	As 107.10-109.03m but more deformed and with a brecciated texture. Stringers are folded and crenulated. Pyrite is found is small clots as well as disseminated and in stringers.	0.02	0	0	0	0	0	clots, disseminated, stringers	Green and pale yellow	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	Pervasive	-	-	-	-	-	-	-	-	-	-	-	qtz	0.05	subrounded	muscovite schist	0.95	moderate-strong	-	-	-	-
		115.28	116.58	FP	Fine-grained Feldspar Porphyry	As the beginning of the section except more quartz veins. The rock is a stronger yellow colour which probably indicates stronger sericite alteration. There is also a small patch of green alteration (chl?).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116.58	124.31			FP-x	Brecciated Fine-grained Feldspar Porphyry	Silicified feldspar porphyry that has been extremely brecciated by what appears to be the mineralization-hosting dark grey material. Throughout the section the rock changes back and forth between matrix supported and clast supported, depending on where the dark grey material was intruded. There is about 8% py in the matrix, and sphalerite is present although it is aphanitic. Galena and arsenopyrite were not observed, but a lot of the unit is gougey and/or broken up so it is very possible they occur.	0.08	trace?	trace?	trace	0	0	disseminated in dark grey matrix	Light yellow clasts, dark grey matrix	4	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	Pervasive	-	-	-	-	4	-	-	-	-	-	-	FP	20-95%	angular	dark grey material	80-5%	strong	-	broken	-	broken
		117.30	118.65	FP-z	Faulted Fine-grained Feldspar Porphyry	This is probably the same rock as above but is it faulted and gougey with a powdery appearance. 117.75-118.35m is dark grey, and looks like it contains a lot of the sulphide-bearing material.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<	-
124.31	127.00			MGn	Sulphide-rich mafic gneiss	Dark green siliceous rock displaying moderate chlorite/epidote alteration with slight breccia texture at the beginning of the section. There are small carbonate stringers throughout the section. There are some qtz stringers that are sometimes pyrite bearing. Pyrite is also found as small clots and disseminated. At 125.44m there is a 5mm crosscutting pyrite vein.	0.02	0	0	0	0	0	disseminated, vein, stringers	Dark green	3	0	0	0	1	0	0	0	0	0	0	3	0	1	0	0	Pervasive	-	-	-	-	1	-	<1%	5mm	crosscutting	py	?	0.25	rounded	mafic gneiss	0.75	weak	-	broken	-	-
127.00	127.88			FZ	Fault zone	Very strongly chloritized rubble with carbonate alteration and disseminated pyrite. There is a blue colour on the surface of some of the pieces (lead??).	0.02	0	0	0	0	0	disseminated	Green	0	0	0	0	2	0	0	0	0	0	0	4	0	1	0	0	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted	-	faulted
127.88	133.52			FP-x	Brecciated Fine-grained Feldspar Porphyry	Feldspar porphyry which has been intruded and extremely brecciated by a hard, matic, aphanitic material that has been partially altered to chlorite. There is also some carbonate alteration, including a pink mineral that reacts with HCl (dolomite?). This whole section is extremely deformed and altered with a lot of gougey, rubbly sections. There is 5% disseminated pyrite in the matic rock.	0.05	0	0	0	0	0	disseminated	Green-grey, cream clasts	2	0	0	1	2	0	0	0	0	0	0	3	0	1	0	0	Pervasive	-	-	-	-	3	-	-	-	-	-	-	FP	90% (beginning), 5% (end)	angular	mafic	10%-95%	strong	-	faulted	-	faulted
		131.18	132.82	FZ	Fault zone	As 127.00-127.88m, except slighlty more chlorite alteration and presence of a light pink alteration mineral that reacts with HCl (same as in 127.88-131.18m)	0.03	0	0	0	0	0	disseminated	Dark green	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
133.52	135.00			Qtz-x	Quartz breccia	Felsic, quartz-rich brecciated rock with 1% pyrite disseminated and in stringers. Quartz is white and milky coloured. Slight foliation is visible in one spot.	0.01	0	0	0	0	0	disseminated, stringers	white	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Pervasive	-	-	-	-	2	-	1%	1mm	stringers	pyrite, qtz	quartz	0.9	angular	quartz	0.1	moderate	-	faulted	-	broken
135.00	135.95			Qtz-x	Quartz breccia	Fractured quartz-rich rock with some inclusions of what used to be a matic material but is now highly silicified and altered by sericite and chlorite. The quartz in this section is more grey and vitreous than 133.52-135.00m, and displays vuggy textures in places. Pyrite is present in stringers and as small clots.	0.01	0	0	0	0	0	clots, stringers	grey	4	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	Pervasive	-	-	-	-	4	-	-	-	-	-	-	mafic material	0.05	sub angular	quartz	0.95	moderate	-	broken	-	alteration contact
135.95	138.85			FP-x	Brecciated Fine-grained Feldspar Por

Charlotte Project
DDH-11-261
Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field	Comments
43	13.11	21.0	43.5	-50.4	60596	erroneous removed from interpretation
53	16.16	22.8	45.3	-50.6	58118	
63	19.21	20.8	43.3	-50.7	57962	erroneous removed from interpretation
73	22.26	22.1	44.6	-50.9	58278	
83	25.30	23.2	45.7	-51.0	58259	
93	28.35	21.1	43.6	-51.4	57965	
103	31.40	24.8	47.3	-51.7	58117	
113	34.45	25.0	47.5	-51.8	58124	
123	37.50	25.4	47.9	-52.1	58011	
133	40.55	20.6	43.1	-52.3	57813	
143	43.60	23.6	46.1	-52.6	57762	
153	46.65	20.6	43.1	-52.9	57745	
163	49.70	25.4	47.9	-53.4	57954	
173	52.74	21.4	43.9	-53.8	57849	
183	55.79	22.6	45.1	-54.0	57946	
193	58.84	22.4	44.9	-54.5	57622	
203	61.89	25.9	48.4	-54.5	58109	erroneous removed from interpretation
213	64.94	21.3	43.8	-54.7	57679	
223	67.99	25.7	48.2	-54.7	57951	erroneous removed from interpretation
233	71.04	25.4	47.9	-54.9	58042	
243	74.09	20.8	43.3	-55.1	57732	
253	77.13	25.0	47.5	-55.1	57930	erroneous removed from interpretation
263	80.18	22.8	45.3	-55.2	58116	
273	83.23	21.3	43.8	-55.4	57586	
283	86.28	21.7	44.2	-55.8	57903	
293	89.33	21.0	43.5	-55.7	57553	
303	92.38	21.3	43.8	-55.8	57567	
313	95.43	25.4	47.9	-55.9	58019	erroneous removed from interpretation
323	98.48	25.6	48.1	-56.2	57756	erroneous removed from interpretation
333	101.52	27.1	49.6	-56.2	58065	erroneous removed from interpretation
343	104.57	21.8	44.3	-56.2	58045	
353	107.62	23.1	45.6	-56.5	57718	
363	110.67	24.7	47.2	-56.7	57955	erroneous removed from interpretation
373	113.72	22.3	44.8	-56.9	57973	
383	116.77	21.4	43.9	-57.0	57856	
393	119.82	24.0	46.5	-56.9	58076	
403	122.87	23.6	46.1	-56.9	58088	
413	125.91	11.5	34.0	-57.3	57847	erroneous removed from interpretation
423	128.96	21.7	44.2	-57.0	57872	
433	132.01	25.2	47.7	-56.7	57966	
443	135.06	24.8	47.3	-57.0	58100	
453	138.11	25.6	48.1	-56.8	58053	
463	141.16	20.9	43.4	-57.0	57779	
473	144.21	23.8	46.3	-57.0	57777	erroneous removed from interpretation

Charlotte Project
DDH-11-261
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
4.57	5.50	0.93	1065576		Mafic Schist	<0.005	<0.1			
5.50	6.50	1.00	1065577		Mafic Schist	<0.005	<0.1			
6.50	8.00	1.50	1065578		Sericite Schist	<0.005	<0.1			
8.00	9.10	1.10	1065579		Sericite Schist	0.278	0.1			
9.10	10.20	1.10	1065580		Sericite Schist	0.010	<0.1			
10.20	11.30	1.10	1065581		Sericite Schist	0.040	0.5			
11.30	12.40	1.10	1065582		Sericite Schist	0.011	0.3			
12.40	13.10	0.70	1065583		Sericite Schist	0.464	0.8			
13.10	13.78	0.68	1065584		Sericite Schist	0.018	<0.1			
13.78	13.78		1065585	**STD: PM 436**		0.384	0.2			
13.78	15.03	1.25	1065586		Sericite Schist	0.007	<0.1			
15.03	16.28	1.25	1065587		Sericite Schist	<0.005	<0.1			
16.28	17.60	1.32	1065588		Mafic Schist	0.006	<0.1			
17.60	19.00	1.40	1065589		Mafic Schist	<0.005	<0.1			
19.00	20.43	1.43	1065590		Mafic Schist	<0.005	<0.1			
20.43	21.53	1.10	1065591		Mafic Schist	<0.005	<0.1			
21.53	22.58	1.05	1065592		Mafic Schist	<0.005	0.1			
22.58	23.63	1.05	1065593		Altered Sericite Schist	0.013	0.4			
23.63	24.90	1.27	1065594		Altered Sericite Schist	0.097	0.8			
24.90	24.90		1065595	**Blank**		<0.005	<0.1			
24.90	25.25	0.35	1065596		Silicious Vein	>10.000	3.2	9.7		<50
25.25	26.52	1.27	1065597		Altered Sericite Schist	0.031	0.2			
26.52	27.44	0.92	1065598		Mafic Schist-Dyke	0.006	<0.1			
27.44	28.94	1.50	1065599		Muscovite-Sericite Schist	<0.005	<0.1			
28.94	30.55	1.61	1065600		Muscovite-Sericite Schist	<0.005	<0.1			
30.55	31.50	0.95	1065601		Muscovite-Sericite Schist	0.095	0.3			
31.50	32.98	1.48	1065602		Muscovite-Sericite Schist	0.055	0.7			
32.98	34.08	1.10	1065603		Muscovite-Sericite Schist	0.017	0.6			
34.08	35.18	1.10	1065604		Muscovite-Sericite Schist	0.039	0.2			
35.18	35.18		1065605	**STD: PM 436**		0.395	0.2			
35.18	36.28	1.10	1065606		Muscovite-Sericite Schist	0.010	<0.1			
36.28	37.05	0.77	1065607		Muscovite-Sericite Schist	0.155	2.9			
37.05	38.15	1.10	1065608		Muscovite-Sericite Schist	0.103	0.3			
38.15	39.25	1.10	1065609		Muscovite-Sericite Schist	0.096	0.2			
39.25	41.16	1.91	1065610		Fault Zone	0.077	0.5			
41.16	42.56	1.40	1065611		Muscovite-Sericite Schist	0.021	1.2			
42.56	44.06	1.50	1065612		Muscovite-Sericite Schist	0.011	0.4			
44.06	45.50	1.44	1065613		Muscovite-Sericite Schist	0.026	0.5			
45.50	46.90	1.40	1065614		Muscovite-Sericite Schist	0.006	<0.1			
45.50	46.90	1.40	1065615	**Duplicate**	Muscovite-Sericite Schist	0.007	0.1			
46.90	48.07	1.17	1065616		Muscovite-Sericite Schist	<0.005	<0.1			
48.07	49.30	1.23	1065617		Muscovite-Sericite Schist	<0.005	<0.1			
49.30	50.50	1.20	1065618		Mafic Schist-Dyke	<0.005	0.6			
50.50	51.81	1.31	1065619		Mafic Schist-Dyke	<0.005	<0.1			
51.81	53.10	1.29	1065620		Muscovite Schist	0.016	0.1			
53.10	54.40	1.30	1065621		Muscovite Schist	0.486	5.7			
54.40	55.35	0.95	1065622		Muscovite Schist	2.523	3.6			
55.35	56.30	0.95	1065623		Muscovite Schist	0.055	0.3			
56.30	57.25	0.95	1065624		Muscovite Schist	0.074	1.8			
57.25	57.25		1065625	**STD: PM 436**		0.405	0.2			
57.25	58.25	1.00	1065626		Muscovite Schist	0.015	0.2			
58.25	59.15	0.90	1065627		Muscovite Schist	0.133	2.3			
59.15	60.10	0.95	1065628		Muscovite Schist	0.202	0.9			
60.10	61.29	1.19	1065629		Silicified Schist	1.225	7.9			
61.29	61.94	0.65	1065630		Silicified Schist	0.044	0.8			
61.94	63.80	1.86	1065631		Silicified Schist	1.929	48.4			
63.80	65.25	1.45	1065632		Silicified Schist	2.920	5.1			
65.25	66.48	1.23	1065633		Fault Gouge	0.549	2.3			
66.48	67.97	1.49	1065634		Fault Gouge	0.226	7.0			
67.97	67.97		1065635	**Blank**		<0.005	<0.1			
67.97	69.00	1.03	1065636		Fault Gouge	0.318	3.8			
69.00	70.20	1.20	1065637		Feldspar Gneiss	0.014	0.4			
70.20	71.40	1.20	1065638		Feldspar Gneiss	<0.005	0.2			
71.40	72.95	1.55	1065639		Mafic Gneiss	<0.005	0.2			
72.95	74.13	1.18	1065640		Feldspar Gneiss	0.014	0.2			

Charlotte Project
DDH-11-261
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
74.13	75.30	1.17	1065641		Feldspar Gneiss	<0.005	<0.1			
75.30	76.80	1.50	1065642		Feldspar Gneiss	0.019	0.1			
76.80	77.86	1.06	1065643		Feldspar Gneiss	0.010	0.6			
77.86	78.92	1.06	1065644		Feldspar Gneiss	0.020	1.1			
78.92	78.92		1065645	STD: PM 925		>10.000	>100.0	11.7		167
78.92	79.98	1.06	1065646		Feldspar Gneiss	0.009	0.6			
79.98	81.40	1.42	1065647		Feldspar Gneiss	0.006	0.3			
81.40	82.00	0.60	1065648		Feldspar Gneiss	0.044	17.5			
82.00	83.00	1.00	1065649		Mafic Gneiss	0.010	0.8			
83.00	84.00	1.00	1065650		Mafic Gneiss	<0.005	0.1			
84.00	84.95	0.95	1065651		Mafic Gneiss	<0.005	0.1			
84.95	86.05	1.10	1065652		Sulphide Vein/Feld Gneiss	0.036	10.8			
86.05	87.15	1.10	1065653		Sulphide Vein/Feld Gneiss	0.031	2.0			
87.15	88.07	0.92	1065654		Mafic Gneiss	0.006	0.4			
87.15	88.07	0.92	1065655	Duplicate	Mafic Gneiss	0.007	0.4			
88.07	89.78	1.71	1065656		Mafic Gneiss	0.008	0.3			
89.78	92.37	2.59	1065657		Mafic Gneiss	<0.005	0.2			
92.37	93.90	1.53	1065658		Mafic Gneiss	<0.005	0.5			
93.90	95.42	1.52	1065659		Mafic Gneiss	0.006	0.2			
95.42	96.72	1.30	1065660		Mafic Gneiss	<0.005	0.2			
96.72	98.07	1.35	1065661		Feldspar Gneiss	0.011	1.1			
98.07	99.47	1.40	1065662		Feldspar Gneiss	0.067	2.5			
99.47	100.32	0.85	1065663		Feldspar Gneiss	0.023	1.2			
100.32	101.17	0.85	1065664		Feldspar Gneiss	0.009	0.6			
101.17	101.17		1065665	STD: PM 436		0.395	0.2			
101.17	102.47	1.30	1065666		Mafic Gneiss	<0.005	<0.1			
102.47	103.78	1.31	1065667		Mafic Gneiss	<0.005	<0.1			
103.78	104.82	1.04	1065668		Silicified Mafic Gneiss	<0.005	<0.1			
104.82	105.95	1.13	1065669		Silicified Mafic Gneiss	<0.005	<0.1			
105.95	107.10	1.15	1065670		Silicified Mafic Gneiss	<0.005	<0.1			
107.10	108.10	1.00	1065671		Muscovite Schist	<0.005	<0.1			
108.10	109.03	0.93	1065672		Muscovite Schist	<0.005	<0.1			
109.03	109.56	0.53	1065673		Fine Feldspar Porphyry	<0.005	<0.1			
109.56	111.00	1.44	1065674		Fine Feldspar Porphyry	<0.005	<0.1			
111.00	111.00		1065675	Blank		0.015	<0.1			
111.00	112.30	1.30	1065676		Fine Feldspar Porphyry	0.007	<0.1			
112.30	113.16	0.86	1065677		Fine Feldspar Porphyry	0.009	<0.1			
113.16	114.45	1.29	1065678		Fine Feldspar Porphyry	0.006	<0.1			
114.45	115.28	0.83	1065679		Fine Feldspar Porphyry	0.005	<0.1			
115.28	116.58	1.30	1065680		Fine Feldspar Porphyry	<0.005	<0.1			
116.58	117.30	0.72	1065681		Fine Feldspar Porphyry	0.690	5.7			
117.30	118.65	1.35	1065682		Fine Feldspar Porphyry	4.553	>100.0	4.3		202
118.65	118.65		1065683	Blank		<0.005	0.5			
118.65	119.80	1.15	1065684		Fine Feldspar Porphyry	0.273	9.5			
119.80	119.80		1065685	STD: PM 925		>10.000	>100.0	11.5		163
119.80	120.85	1.05	1065686		Fine Feldspar Porphyry	<0.005	0.2			
120.85	122.15	1.30	1065687		Fine Feldspar Porphyry	<0.005	0.7			
122.15	123.25	1.10	1065688		Fine Feldspar Porphyry	0.005	0.9			
123.25	124.31	1.06	1065689		Fine Feldspar Porphyry	0.008	0.3			
124.31	125.66	1.35	1065690		Fine Feldspar Porphyry	<0.005	0.1			
125.66	127.00	1.34	1065691		Sulphide-Rich Mafic Gneiss	<0.005	<0.1			
127.00	127.88	0.88	1065692		Fault Zone	0.009	0.1			
127.88	128.98	1.10	1065693		Fine Feldspar Porphyry	0.058	<0.1			
128.98	130.08	1.10	1065694		Fine Feldspar Porphyry	<0.005	<0.1			
128.98	130.08	1.10	1065695	Duplicate	Fine Feldspar Porphyry	<0.005	<0.1			
130.08	131.18	1.10	1065696		Fine Feldspar Porphyry	<0.005	0.2			
131.18	132.10	0.92	1065697		Fine Feldspar Porphyry	0.010	0.1			
132.10	132.82	0.72	1065698		Fine Feldspar Porphyry	0.018	1.3			
132.82	133.70	0.88	1065699		Fine Feldspar Porphyry	0.120	1.0			
133.70	135.00	1.30	1065700		Quartz Breccia	<0.005	0.1			
135.00	135.95	0.95	1065701		Quartz Breccia	<0.005	0.1			
135.95	137.30	1.35	1065702		Fine Feldspar Porphyry	<0.005	<0.1			
137.30	138.85	1.55	1065703		Fine Feldspar Porphyry	<0.005	<0.1			
138.85	140.33	1.48	1065704		Brecciated Mafic Dyke	<0.005	<0.1			
140.33	140.33		1065705	STD: PM 436		0.389	0.2			

Charlotte Project
DDH-11-261
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
140.33	141.50	1.17	1065706		Fine Feldspar Porphyry	<0.005	<0.1			
141.50	142.60	1.10	1065707		Fine Feldspar Porphyry	<0.005	<0.1			
142.60	143.10	0.50	1065708		Fault Zone	<0.005	0.1			
143.10	143.96	0.86	1065709		Brecciated Mafic Dyke	<0.005	0.1			
143.96	144.82	0.86	1065710		Brecciated Mafic Dyke	<0.005	<0.1			
144.82	146.15	1.33	1065711		Fine Feldspar Porphyry	<0.005	0.4			
146.15	147.26	1.11	1065712		Fine Feldspar Porphyry	0.009	0.4			
147.26	148.10	0.84	1065713		Fine Feldspar Porphyry	<0.005	0.4			
148.10	148.78	0.68	1065714		Fine Feldspar Porphyry	<0.005	0.2			
148.78	148.78		1065715	**Blank**		<0.005	<0.1			
148.78	EOH									

Charlotte Project
DDH-11-262
Drill Log Summary and Cover Sheet

Hole Id:	**DDH-11-262**		
Property:	**Charlotte**	Logged By:	**L. Binnion, A. Paquet**
Area:	**Flex Zone**	Date Logged:	**July 15-20, 2011**
Client:	**Ansell Capital Corp.**		

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	**NAD83, Zone 8**		
Easting:	**386761.20 mE**	Azimuth:	**045 °**
Northing:	**6881646.12 mN**	Dip:	**-50 °**
Elevation:	**1283.04 m**	Length:	**135.67 m**

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	**386760 mE**	Azimuth:	**045 °**
Northing:	**6881646 mN**	Dip:	**-50 °**
Elevation:	**1290 m**	Length:	**150 m**

Drilling Information:

Contractor:	**DJ Drilling**
Core Diameter:	**HQ**
Start Date:	**3-Jul-2011**
End Date:	**5-Jul-2011**
Casing In:	**No**
Casing Capped:	**No**
Units:	**Metric**

Hole Objective:

25m step-out SW of DDH-10-243: 28m at 2.5gpt Au and 66gpt Ag.

Hole Summary:

DDH-11-262 collars into muscovite schist, with local gneissic textures, and is cross-cut by a few small mafic dykes. This schist contains trace to 3% pyrite and is truncated by a silica-rich vuggy zone from 20.23-23.56m, after which the drill hole comprises mostly of mafic gneiss. The mafic gneiss is cut by two feldspar porphyries at 52.35-53.05m and 59.37-60.06m. From 60.06-135.67m (EOH) mafic gneiss contains 1-7% pyrite typically disseminated and fracture controlled. It is interfingered with schistose sections, clay and chlorite rich-faults, patches of moderate sericite alteration and an interval of felsic gneiss from 101.40-110.75m. This felsic gneiss is host to the most promising intersection from 107.60-108.60m, a weakly scorodite altered quartz vein containing semi-massive pyrite, sphalerite, arsenopyrite and galena.

Lithology Summary

From	To	Lith	Comment
0.00	6.10	**CAS**	
6.10	12.78	**Sch**	
12.78	13.60	**Dk**	
13.60	16.90	**Sch**	
16.90	20.23	**FGn**	
20.23	20.82	**Alt**	
20.82	23.56	**Gn-sil**	
23.56	30.17	**MGn**	
30.17	31.20	**MGn**	
31.20	32.95	**MGn**	
32.95	33.22	**MGn**	
33.22	34.96	**MGn**	
34.96	35.45	**MGn**	
35.45	47.87	**MGn**	
47.87	48.50	**MGn**	
48.50	50.60	**MGn**	
50.60	52.35	**MGn**	
52.35	53.05	**FP**	
53.05	59.37	**MGn**	
59.37	60.06	**FP**	
60.06	63.00	**FZ**	
63.00	66.16	**Qtz?**	
66.16	69.05	**CLY**	
69.05	73.17	**Sch**	
73.17	77.80	**MGn**	
77.80	78.55	**FZ**	
78.55	86.65	**MGn**	
86.65	87.80	**FZ**	
87.80	101.40	**MGn**	
101.40	110.75	**Gn-z**	
110.75	135.67	**MGn**	
135.67		**EOH**	

Charlotte Project
DDH-11-262
Detailed Log

Hole Id: DDH-11-262
Logged By: L. Binnion, A. Paquet

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization						Alteration														Foliation	Shearing		Fractures		Veins				Breccia				Upper Contact	Lower Contact	
From	To	From	To	Code			Py%	Asp%	Grn%	Sp%	Cp%	FSx%	Mnizn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	% Clasts	Rounding	Matrix	% Matrix	Intensity	to CA	Description	to CA	Description
0.00	6.10			CAS		CASING																																								
6.10	12.78			Sch	Muscovite Schist	Moderately hard, medium grey schisty rock with muscovite flakes. Protolith changes frequently; sometimes it is quartz rich with visible grain boundaries and sometimes is it aphanitic. The contacts between the two do not follow schistosity and are undulating. There are quartz veins that roughly conform to schistosity at 50 deg tca but are highly folded. Limonite alteration is present along fractures. There is no visible mineralization.	0	0	0	0	0	0	-	Medium grey	3	0	0	1	0	0	0	2	0	0	0	0	1	0	0	0	0	Pervasive, fracture controlled	50	-	-	-	2	50	5%	0.5-2cm	follow schistosity folded	quartz	-	-	-	-	-	-	-	-	60	contorted due to deformation
		6.10	9.32	Sch	Muscovite Schist	As above but the core is broken up with limonite staining on fractured surfaces. Poor recovery.	-	-	-	-	-	-	-	Medium grey with orange alteration	3	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	Fracture controlled	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.91	12.78	Sch	Muscovite Schist	Silicified, aphanitic section with a light green colour (maybe chlorite but has been silicified) and higher concentration of quartz veins, which tend to be wider than they were up-hole, and also more folded.	-	-	-	-	-	-	-	Grey-green	4	0	0	1	0	0	0	1	0	0	0	2?	0	0	0	0	Pervasive	-	-	-	-	1	-	7%	0.5-2cm	very folded	quartz	-	-	-	-	-	-	-	-	-	-
12.78	13.60			Dk	Mafic Dyke	Dark grey colour, fg, medium hardness. Very weak schistosity. Weak, pervasive chlorite and limonite alteration, and some epidote along stringers. No visible mineralization.	0	0	0	0	0	0	-	Dark grey	2	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	Pervasive, stringers (epi)	-	-	-	-	1	-	<1%	1mm	stringers	epidote	-	-	-	-	-	-	-	contorted due to deformation	-	broken, gradual change
13.60	16.90			Sch	Muscovite Schist	Similar to 6.10-12.78m. Hard, silicified, schisty rock with a green-grey colour. Contains some rubbly sections with poor recovery. Limonite and manganese staining present along fractures.	0	0	0	0	0	0	-	Grey-green	4	0	0	1	0	0	0	1	0	0	0	2	0	0	0	0	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken, gradual change	-	broken, gradual change
16.90	20.23			FGn	Muscovite-rich Gneiss	Aphantic, light green-grey coloured rock. Hard, silicified with well developed greissocity and muscovite present along foliation planes. Some milky-quartz veins conform to rock fabric which is about 35 deg tca. There are also some stringers containing disseminated pyrite and vugs that conform to greissocity.	trace	0	0	0	0	0	stringers	Grey-green	4	0	0	2	0	0	0	1	0	0	2	0	0	0	0	0	Pervasive, fracture controlled (lim)	35	-	-	-	-	35-40	2%	1mm-2cm	stringers, planar	quartz, relict pyrite	-	-	-	-	-	-	-	broken, gradual change	-	alteration contact
20.23	20.82			Alt	Silicified, vuggy rock	This section has been extensively silicified and displays vuggy textures. There is near-pervasive limonite alteration and stringers of sericite. There is 1% disseminated pyrite throughout the unit.	1%	0	0	0	0	0	disseminated	Grey-white, orange where altered	5	0	0	1	1	0	0	3	0	0	0	0	0	0	0	0	Pervasive, stringers (ser)	-	-	-	-	2	-	1%	1mm	stringers	sericite	-	-	-	-	-	-	-	alteration contact	-	alteration contact
20.82	23.56			Gn-sil	Silicified gneiss	As 16.90-20.23m but very minimal amount of muscovite. Section is rubbly.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	alteration contact	-	gradual transition
		20.95	21.93	Dk	Mafic Dyke	As 12.78-13.50m but most of the section has a friable texture and holes in the surface of the core from altered-away minerals. There are short intervals of gouge within the section.	0	0	0	0	0	0	-	Dark green, orange-tan alteration	1	0	0	0	0	0	0	3	0	0	0	1	0	1	0	0	Pervasive, stringers (epi)	-	-	-	-	-	-	<1%	1mm	stringers	epidote	-	-	-	-	-	-	-	-	-	-
23.56	30.17			MGn	Mafic Gneiss	Vfg slightly silicified rock with a dark grey colour. Several 0.5-2cm milky quartz veins conform to greissocity, which is 50 deg tca, however their boundaries are slightly contorted and there is some crenulation texture. There are vugs seen in one of these veins. In cross-cutting veins there is quartz, muscovite, chlorite, pyrite, and a red mineral. Limonite and the reddish mineral (hematite?) are present along fracture surfaces.	trace	0	0	0	0	0	vein hosted	Dark grey	1	0	0	0	0	0	0	1	???	0	0	1	0	0	0	0	0	Pervasive, along veins	50	-	-	-	-	50, crosscutting	3%	1mm-2cm	planar, crosscutting	quartz, muscovite, chlorite, pyrite, and a red mineral	-	-	-	-	-	-	-	gradual transition	-	-
30.17	31.20			MGn	Altered Mafic Gneiss	This section of rock is brecciated, and so altered it's hard to distinguish the protolith. There is some cream-coloured quartz, but mostly it is limonite and clay minerals. There are plenty of vugs throughout this section. There is a main section of alteration but there are also a couple of 3cm veins of alteration in the less-altered mafic gneiss up and down hole.	0	0	0	0	0	0	-	Green, orange, and cream	1	0	0	3	0	0	0	4	0	0	0	2	0	0	0	3	Pervasive	-	-	-	-	-	-	-	-	-	Mafic Gneiss	25%	angular	quartz clay	75%	5	-	alteration contact	-	alteration contact
31.20	32.95			MGn	Mafic Gneiss	Competent rock with dark grey-green colour, medium hardness. There are small, white, disseminated needle-like crystals throughout. There are sections of pale green (chlrpi?) that cut through the rock roughly conformable with the rock texture, but they look more like alteration than veins. They may be pillow rinds. There are some thin conformable milky quartz veins that contain disseminated pyrite. Foliation is 45 deg tca.	trace	0	0	0	0	0	disseminated in veins	Dark grey-green	2	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	Pervasive	45	-	-	-	-	45	1%	2-4mm	planar	quartz, pyrite	-	-	-	-	-	-	-	alteration contact	-	alteration contact
32.95	33.22			MGn	Sulphide-rich, altered Mafic Gneiss	As 30.17-31.20m but there is less limonite and here there are very soft black veins that contain massive pyrite. (photo) It appears that 30.17-31.20m is the same alteration but the pyrite has now been oxidized.	2%	0	0	0	0	0	massive in veins	Green and cream	1	0	0	0	0	0	0	1	0	0	0	3	0	2	0	0	Pervasive	-	-	-	-	-	-	-	-	-	Mafic Gneiss	25%	angular	quartz clay	75%	4	-	alteration contact	-	alteration contact
33.22	34.96			MGn	Mafic Gneiss	As 31.20-32.95m except there is disseminated pyrite throughout and small quartz stringers containing the soft black mineral from 32.95-33.22m and pyrite.	1%	0	0	0	0	0	disseminated, in veins	Dark grey	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	Pervasive	-	-	-	-	-	-	1%	1-4mm	crosscutting	quartz, pyrite	-	-	-	-	-	-	-	alteration contact	-	alteration contact
		33.84	34.96	MGn	Mafic Gneiss	More quartz veins that have an a silicified halo around them. In what appear to be discontinuous veins there is chlorite, a pink mineral that reacts with HCl, and pyrite.	3%	0	0	0	0	0	disseminated, in clots, in veins	Medium grey-green	4	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	Pervasive, fracture controlled	-	-	-	-	-	-	10%	1-10mm	crosscutting	quartz, pyrite, chlorite, pink mineral	Mafic Gneiss	25%	angular	quartz clay	75%	4	-	-	-	-
34.96	35.45			MGn	Altered Mafic Gneiss	As 30.17-31.20m.	2%	0	0	0	0	0	disseminated, in clots, in veins	Medium grey-green	4	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	Pervasive, fracture controlled	-	-	-	-	-	-	10%	1-10mm	crosscutting	quartz, pyrite, chlorite, pink mineral	Mafic Gneiss	25%	angular	quartz clay	75%	4	-	alteration contact	-	alteration contact
35.45	47.87			MGn	Mafic Gneiss	As 31.20-32.95m except there is disseminated pyrite along stringers, and here the pillow textures are more obvious (photo). Throughout this unit there are small areas of alteration similar to the altered sections up-hole, but just a few cm wide. There are also a few rubbly sections throughout that display limonite alteration and manganese staining along fractures.	1%	0	0	0	0	0	in veins of alteration	Dark grey	0	0	0	0	0	0	0	1	0	0	0	3	0	2	0	0	Pervasive, along veins	-	-	-	-	-	-	1%	2cm	crosscutting	quartz, pyrite, chlorite, pink mineral	-	-	-	-	-	-	-	alteration contact	-	alteration contact
		40.25	42.68	MGn	Mafic Gneiss	As above, but the section is broken up and rubbly.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		46.34	46.75	MGn	Altered Mafic Gneiss	Similar to 30.17-31.20m: lots of limonite and clay alteration with the soft, black, mineralization-bearing veins. Pyrite is disseminated, as clots, and in these veins.	4%	0	0	0	0	0	in veins, disseminated, clots	Green, cream, orange	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	2	Pervasive	-	-	-	-	-	-	-	-	-	Mafic Gneiss	25%	angular	quartz clay	75%	4	-	-	-	-
47.87	48.50			MGn	Altered Mafic Gneiss	As 30.17-31.20m with trace amount of pyrite, and manganese staining along fractures.	trace	0	0	0	0	0	disseminated	Orange	0	0	0	3	0	0	0	4	0	0	0	2	0	0	0	3	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	alteration contact	135	alteration contact
48.50	50.60			MGn	Mafic Gneiss	Competent rock with dark grey-green colour, medium hardness. There are small, white, disseminated needle-like crystals throughout. There are some crosscutting, deformed and sometimes discontinuous milky quartz veins that contain disseminated pyrite. There are several rubbly sections that have heavy manganese staining.	trace	0	0	0	0	0	disseminated in quartz veins	Dark green	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	alteration contact	-	broken
		49.65	50.60	MGn	Mafic Gneiss	Rubbly section with heavy manganese staining and limonite alteration.	-	-	-	-	-	-	-	Dark purple-orange	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50.60	52.35			MGn	Bleached Mafic Gneiss	Bleached and silicified mafic gneiss, with some folding seen in the bands. Very hard with a light green colour. Most of this section is very broken up with limonite alteration and a little manganese staining on fracture surfaces.	0	0	0	0	0	0	-	Light green	4	0	0	2	0	0	0	2	0	0	0	3	0	0	0	0	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	-	broken
52.35	53.05			FP	Feldspar Porphyry	Hard, silicified and bleached. Light grey-green coloured rock with white 3mm diameter phenocrysts. Clast-supported porphyry. Contains sub-millimetric stringers of pyrite. Appears as though this has intruded the bleached mafic gneiss.	trace	0	0	0	0	0	stringers	Light green	3	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	Pervasive	-	-	-	-	-	-	<1%	<1mm	stringers	pyrite	-	-	-	-	-	-	-	broken	-	broken
53.05	59.37			MGn	Bleached Mafic Gneiss	As 50.60-52.35m but less bleached with a blue tinge and with a trace amount of pyrite present along stringers and along fracture planes.	trace	0	0	0	0	0	stringers	Light green-blue	4	0	0	2	0	0	0	2	0	0	0	3	0	0	0	0	Pervasive	-	-	-	-	-	-	<1%	<1mm	stringers	pyrite	-	-	-	-	-	-	-	broken	-	broken
		54.73	55.45	MGn	Bleached Mafic Gneiss	As above but with heavier limonite alteration which is concentrated along fractures. The green colour here is more prominent than the surrounding rock.	-	-	-	-	-	-	-	Light green	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		55.45	58.30	MGn	Bleached Mafic Gneiss	As above but there are 1-2cm wide barren milky quartz veins, roughly concordant with rock fabric. Foliation is roughly 30 deg tca.	-	-	-	-	-	-	-	Blue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	2%	1-2cm	concordant	quartz	-	-	-	-	-	-	-	-	-	-
		58.30	59.37	MGn		In this section the rock has been pervasively altered by limonite but the foliation is still visible. There are a few intrusions of QP especially near the end of the section.	-	-	-	-	-	-	-	Orange	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.37	60.06			FP	Feldspar Porphyry	As 52.35-53.05m, but the unit has been pervasively altered by limonite so the porphyritic textures are only visible locally. The phenocrysts have up to a 5mm diameter. Pyrite is disseminated and in stringers.	trace	0	0	0	0	0	disseminated, stringers	Orange	2	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	obscured by limonite alteration	-	broken, faulted
60.06	63.00			FZ	Fault zone	Rubbly section with 10% gouge. Pieces are coated with white clay or limonite alteration.	-	-	-	-	-	-	-	White or Orange	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	4	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken and faulted	-	broken and faulted
63.00	66.16			Qtz?	Quartzite?	Tan coloured siliceous rock with a powdery surface texture. There are stringers with limonite alteration and/or vugs that both crosscut and follow rock fabric. There are some rubbly sections throughout the unit.	0	0	0	0	0	0	-	Tan	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	Along stringers	-	-	-	-	2	-	<1%	<1mm	stringers	limonite, vugs	-	-	-	-	-	-	-	broken and faulted	40	fairly sharp, clay
		64.30				As above but rubbly and broken up. Note: Alice Paquet begins logging at 66.16m.	-	-	-	-	-	-	-	Tan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
66.16	69.05			CLY		Brownish orange clay. Very soft, trace quartz phenocrysts, 1-3mm, rounded. One qtz clasts 3cm in diameter. Homogeneous, solid colour, no notable textures. Transition zone between rocks above and below. Fairly rubbly after 67.10m.	0.1	0	0	0	0	0	vein hosted	Brownish orange	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	1	Pervasive	-	-	-	irreg	3	-	10	0.35	broken	clay, ser, qtz, lim	-	-	-	-	-	-	-	fairly sharp, clay	-	grades over 3cm
		66.75	67.10	Vn?		Clay is mixed with sericite rich rubble, which contains 15% quartz and 2% clumped pyrite. Possibly broken up vein.	2	0	0	0	0	0	clumped, vein hosted	Brownish orange and tan	0	1	0	2	0	0	0	2	0	0	0	0	0	0	0	2	Patchy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
69.05	73.17			Sch	Mafic Schist	Rubbly, rubble schist. Dark-greyish brown. Biotite varies from 20-80%, mg, average 65%, 5% bands of mg granular, opaque-white quartz, often mixed in with biotite. Dominant fabric is orientated at 50-60 deg tca. Weak chlorite alteration, between bands and possibly altering biotite. Moderate to strong limonite in fractures and altering biotite. Trace white carbonate stringers in line with foliation and cross-cutting fabric at 160 deg tca. Trace disseminated chalcopyrite and pyrite is often fracture controlled.	0.1	0	0	0	0.1	0	disseminated, fracture controlled	Dark-greyish brown	0	0	0	0	1	0	0	3	0	0	0	2	0	0	0	0	Banded	50-60	-	-	-	5	60,160	1	<2mm	late stage	calcite	-	-	-	-	-	-	-	grades over 3cm	145	sharp, preceded by 10cm of clay with Sch frags
73.17	77.80			MGn	Mafic Gneiss	Dark-grey and white banded mafic gneiss. Biotite and chlorite make of <70% of this unit, in fluctuating proportions. 5% <1mm bands of translucent quartz. Main foliation plane is at 60-70 deg tca. Two 10cm patches of 90% milky white albite? with interstitial biotite. Weak limonite alteration in fractures. Bands of hairline ankerite in patches, 3% overall. Weak patchy silica alteration. Patches contain weak, wispy epidote and hematite alteration, associated with trace, late stage, irregular quartz veining. Weak patches of sericite toward base of unit. 1% pyrite in fractures hairline to 2mm wide. One 2mm qtz veinlet has a bluish, discontinuous halo up to 2mm wide of powdery MoS.	1	0	0	0	0	0	fracture controlled	Dark-grey and white	2	0	0	1	2	0	2	2	1	0	0	3	0	1	2	1	Banded	60-70	-	-	-	3	60, irreg	1	2	irregular	qtz	-	-	-	-	-	-	145	sharp, preceded by 10cm of clay with Sch frags	125	sharp
		74.60	75.30	MGn	Altered Mafic Gneiss	Gneiss fabric has been overprinted by weak chlorite and weak to moderate sericite. It seems likely that the texture was washed away by silica alteration which has since gone, probably due to introduction of sericite into the system. 3% pyrite is disseminated throughout this interval. 5% carbonate veinlets (white to yellowy-white) generally trend 50 and 140 deg tca but can also be irregular and offsetting, has a similar appearance to angle textures.	3	0	0	0	0	0	diss	Medium grey with yellow hue	1	0	0	2	2	0	0	0	0	0	0	2	0	0	0	0	Pervasive	-	-	-	-	3	50, 140, irreg	5	1-3mm	argile, offsetting	carb	-	-	-	-	-	-	140	non-planer, preceded by 25cm of schist	-	rubble
		75.30	76.52	MGn		Rubble, moderate sericite alteration. Contains 2% pyrite. Moderately altered to grey clay.	2	0	0	0	0	0	finely diss	Tan-grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		76.52	77.80	MGn	Altered Mafic Gneiss	Moderate alteration by sericite and white clay. A few 5cm patches of extremely friable dark-grey MgO-chl-py rich material. Moderate carbonate alteration, interstitial and as veinlets. Foliation at 60 deg tca.	-	-	-	-	-	-	-	Whitish-tan	0	2	0	3	3	0	0	0	0	0	0	2	0	0	0	3	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	sharp	125	sharp
77.80	78.55			FZ	Black Gouge	Black and dark grey, pulverized fault zone, probably mostly chl and MgO. Moderate dark-grey clay and black chlorite. Difficult to estimate proportions of these minerals. 3% vfg disseminated py.	3	0	0	0	0	0	finely diss	Black	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	125	sharp	-	gradual, over a few cm
78.55	86.65			MGn	Magnetic Mafic Gneiss	Dark to medium grey, weak patchy magnetism. Fine grained texture of unit makes magnetite difficult to see, seems to be secondary and mixed in with biotite, which comprises 30% of unit on average. Patchy, moderate chlorite alteration replaces some biotite. Foliated at 70+15 deg tca. Banded bio-chl-qtz-hem makes up most of unit, subtle sericite, weak interstitial carbonate. Small patches of moderate silica alteration contain 50% quartz leucosomes. Faulted patches contain greenish-grey chl-clay gouge. Traces of hematite, usually as halos on some carbonate veins and healing thin fractures. 3% carbonate stringers, one carbonate vug 2-4mm wide undulates generally at 160 deg tca. One irregular quartz vein 1-4cm wide, contains a few hematite healed hairlines fractures. 1% pyrite overall, often in fractures, patchily disseminated. Weakly schistose. Interval begins with altered mafic gneiss described below.	1	0	0	0	0	0	fracture controlled, and patchily disseminated	Dark to medium grey	2	0	0	1	2	0	0	1	1	0	2	2	0	0	0	0	Patchy	70	-	-	-	4	70, 160	2	1-4mm	stringers	carb	-	-	-	-	-	-	-	gradual, over a few cm	-	abrupt, crumbled
		78.55	81.50	MGn-z	Altered Mafic Gneiss	Faulted, gouge and shards. Medium grey with hues of red and tan. Most of the original textures and minerals have been overprinted and replaced by moderate sericite, grey-white clay and carbonate alteration, weak hematite and chlorite. Biotite is preserved, up to 15%, and some foliation is observed with no preferred orientation. Mafic gneiss protolith. 0-1% disseminated fg pyrite. This interval is non-magnetic. Some slickensides observed.	0.5	0	0	0	0	0	patch, finely diss	Medium grey with hues of red and tan	0	1	0	0	3	0	0	0	2	0	0	2	0	0	0	2	alternating chaotically	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120	sharp, schistose		
		80.20	80.40		Clay Breccia	Grey-white clay, hem, chl and ser matrix (altered MGn) with 15% 3-5mm rounded clasts of milky-white quartz. 1% finely disseminated pyrite.	-	-	-	-	-	-	-	Grey-white with red and green hues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	qtz	15	RD	clay & alt MGn	85	3	-	broken	-	broken
		81.25	81.35		Grey Clay	Section of homogeneous medium-grey clay. No mineralization observed.	-	-	-	-	-	-	-	Grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	-	broken
86.65	87.80			FZ	Black Gouge	Homogeneous colour. Black and dark grey, pulverized fault zone, probably mostly chl and MgO. Moderate dark-grey clay and black chlorite. Difficult to estimate proportions of these minerals. 3% vfg disseminated py. General fabric tends 120 deg tca. Trace cross-cutting white-opaque quartz stringers ~2mm, at 45 deg tca.	3	0	0	0	0	0	finely diss	Black	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	Pervasive	120	-	-	-	5	45	0.5	2mm	planar stringers	qtz	-	-	-	-	-	-	-	abrupt, crumbled	130	crumbled qtz veinlet
87.80	101.40			MGn		Mafic gneiss with varying degrees of alteration. See below.	-	-	-	-	-	-	-	Light to dark grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	130	crumbled qtz veinlet	50	sharp
		87.80	89.35	FZ	Alteration and Fault Zone	Light grey. Strong sericite alteration, protolith assumed to be MGn given environment, however original texture has been obliterated by faulting and alteration. Texture observed is chaotic and aphyric. Moderate bleaching and white clay, weak silica. 7% pyrite as disseminated blebs 1-3mm in diameter, sometimes cubic, sometimes in 1-3mm stringers. Moderate limonite alters a few 10cm patches in fractures, in these sections pyrite is fg, disseminated and sometimes clustered in short lineations (e.g. 2mm x 2cm). First 30cm is clay, first 10cm clay with granulated salt?/peas appearance.	7	0	0	0	0	0	blebs, stringers, finely diss	Light grey	2	3	0	4	0	0	0	2	0	0	0	0	0	0	0	3	Chaotic	-	-	-	-	5	many	3	1-3mm	stringers	pyrite	-	-	-	-	-	-	130	crumbled qtz veinlet	~50	crumbled
		89.35	90.80	FZ	Black & Green Gouge	Mostly black chlorite and dark-grey clay, some green chlorite and white clay. Fabric is seen trending 125 deg tca. 3% pyrite stringers <1mm, usually in line with fabric, sometimes oblique at 55 deg tca, an additional 4% pyrite is finely disseminated. Subtle white carbonate on fractures. Includes 10cm of limonite alteration, same as in the interval above.	7	0	0	0	0	0	stringers, finely diss	Black with some green	0	0	0	0	1	0	0	1	0	0	0	3	0	0	0	1	Patchy	125	-	-	-	5	125, 55	3	1-3mm	stringers	pyrite	-	-	-	-	-	-	~50	crumbled	30	fairly sharp
		90.80	92.00	MGn	Altered Mafic Gneiss	Medium green-grey. 5% fg biotite. Rock is 45% banded epidote, 45% banded black to medium-green chlorite, both are aphyric alteration assemblages. Pervasive moderate silica alteration. Strongly foliated at 125-135 deg tca, weakly undulating. 3% quartz veinlets 0.1-1cm wide, associated with epidote banding and subtle hematite. Trace carbonate stringers <1mm at 10 deg tca, and trace sericite stringers <0.5mm in line with foliation. 1% pyrite as blebs and fine disseminations weakly controlled by banding.	1	0	0	0	0	0	blebs, diss	Medium green-grey	3	0	0	1	1	0	0	1	1	0	0	3	0	3	0	0	Banded	125-135	-	-	40, 130, 165	3	130	2	0.1-1cm	slightly irregular veinlets	qtz	-	-	-	-	-	-	30	fairly sharp	-	broken
		92.00	94.20	MGn-z	Altered Mafic Gneiss	Same as above, but rubble. Pyrite often seen on fractures.	1	0	0	0	0	0	diss, fracture controlled	Medium green-grey	3	0	0	1	1	0	0	1	1	0	0	3	0	3	0	0	Banded	125-135	-	-	40, 130, 165	3	130	2	0.1-1cm	broken up	qtz	-	-	-	-	-	-	-	broken	-	broken
		94.20	97.85	MGn	Mafic Gneiss	Dark grey mafic gneiss. Fine grained bands of chlorite, quartz and biotite in relatively equal proportions. Bands are usually <2mm wide, some are discontinuous (disrupted on a mm scale). Foliated at 130 deg tca. Weak pervasive silica alteration, chlorite is secondary. 3% sharp or anastomosing quartz veinlets 1-4mm, often weakly altered by hematite, one case with epidote halo, one case cross-cut by 1mm carb stringer at 40 deg tca. 1% pyrite a vfg disseminated and stringers <0.5-2mm. Carbonate alteration increases to weak downhole.	1	0	0	0	0	0	stringers, finely diss	Dark grey	2	0	0	0	0	0	0	1	0	0	0	3	0	1	0	0	Pervasive	130	-	-	40, 130	3	130	3	1-4mm	sharp or anastomosing	qtz	-	-	-	-	-	-	80	sharp	40	sharp
		97.85	99.40	MGn	Altered Mafic Gneiss	Medium tan grey altered gneiss. 5% biotite is patchy, 5% patchy chlorite, 40% modelled sericite (grey and tan alteration), 30% moderate milky-white albitization. 1% 3mm spots of hematite. Remainder is quartz and white clay. 5% vgf disseminated pyrite throughout. Main fabric trends 120 deg tca. Trace pyrite or ankerite filled hairline fractures. On 2mm veinlet of qtz with <0.5mm halo of ankerite trends 30 deg tca.	5	0	0	0	0	0	vfg diss	Medium tan grey	1	0	0	3	0	0	1	0	0	1	0	0	0	0	0	2	Banded	120	-	-	many	4	120	0.5	<0.5mm	stringers	ankerite or pyrite	-	-	-	-	-	-	40	sharp	120	sharp
		99.40	99.60	MGn	Mafic Gneiss	<90% black biotite and chlorite, 7% 1mm quartz with faded grain boundaries. 1% finely disseminated pyrite, two stringers in line with schistosity. Schistose at 135 deg tca.	1	0	0	0	0	0	diss	Dark grey	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	Pervasive	135	135	2	-	-	135	0.5	1mm	stringers	pyrite	-	-	-	-	-	-	120	sharp	120	sharp
		99.60	101.40	MGn	Altered Mafic Gneiss	Similar to 97.85m. Tan colour is stronger due to strong sericite. 5% veinlets of quartz with discontinuous pyrite selvages, occasional cross-cutting 2mm ankerite veinlets at 30 deg tca.	5	0	0	0	0	0	vfg diss, stringers	Medium tan grey	1	0	0	4	0	0	0	1	0	0	0	0	0	0	0	2	Banded	130	-	-	many	4	130	5	2-3mm	veinlets	qtz enveloping pyrite	-	-	-	-	-	-	120	sharp	50	sharp
101.40	110.75			Gn-z	Altered Gneiss	Light grey gneiss. Fg white clay and sericite make up the majority of the unit, no primary minerals are preserved except 10% quartz leucosomes. Foliation at 110-120 deg tca is weak due to overprinting by alteration. Has the appearance of a silica washed rock, but is soft, early stage silica flooding has likely been washed away by sericite and clay. Weakly bleached. Weak, patchy limonite on some fractures.

Charlotte Project
DDH-11-262
Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field	Comments
23	7.01	16.5	39	-49.5	70973	erroneous removed from interpretation
33	10.06	24.9	47.4	-49.7	60031	erroneous removed from interpretation
43	13.11	20.8	43.3	-49.8	58957	
53	16.16	22.9	45.4	-50	58688	
63	19.21	25	47.5	-50.3	58460	
73	22.26	21.6	44.1	-50.4	58218	
83	25.30	21.2	43.7	-50.4	57766	
93	28.35	21.7	44.2	-50.8	58085	
103	31.40	22.3	44.8	-51	58119	
113	34.45	20.5	43	-51.1	57784	
123	37.50	23.4	45.9	-51.2	57855	
133	40.55	22.5	45	-51.5	57669	
143	43.60	21.1	43.6	-51.9	57877	
153	46.65	20.5	43	-52	57627	
163	49.70	21.2	43.7	-52.4	57932	
173	52.74	24.3	46.8	-52.4	57959	
183	55.79	23.5	46	-52.6	58025	
193	58.84	19.8	42.3	-52.9	57753	
203	61.89	20.1	42.6	-53	57872	
213	64.94	20.5	43	-53.1	57967	
223	67.99	19.7	42.2	-53.1	57618	
233	71.04	22.5	45	-52.9	57990	
243	74.09	24.1	46.6	-52.8	57917	
253	77.13	24	46.5	-52.8	57849	
263	80.18	19.9	42.4	-52.9	57903	
273	83.23	24.2	46.7	-52.8	58023	
283	86.28	19.2	41.7	-52.9	57801	
293	89.33	21.1	43.6	-53	57600	
303	92.38	23.5	46	-53.1	57716	
313	95.43	18.7	41.2	-53.2	57397	
323	98.48	21.4	43.9	-53.2	57902	
333	101.52	18.4	40.9	-53.6	57694	
343	104.57	17.7	40.2	-53.6	57805	
353	107.62	22.1	44.6	-53.8	58132	
363	110.67	18.9	41.4	-54	57949	
373	113.72	22.2	44.7	-54.2	57817	
383	116.77	18.6	41.1	-54.2	57714	
393	119.82	18.1	40.6	-54.1	57786	
403	122.87	17.1	39.6	-54.3	57694	
413	125.91	21.5	44	-54.6	57837	
423	128.96	21.6	44.1	-54.8	57727	
433	132.01	18.4	40.9	-54.7	57392	

Charlotte Project
DDH-11-262
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
6.10	8.23	2.13	1065729		Muscovite Schist	<0.005	<0.1			
8.23	9.32	1.09	1065730		Muscovite Schist	<0.005	<0.1			
9.32	10.11	0.79	1065731		Muscovite Schist	<0.005	<0.1			
10.11	10.91	0.80	1065732		Muscovite Schist	<0.005	<0.1			
10.91	11.80	0.89	1065733		Muscovite Schist	<0.005	<0.1			
11.80	12.78	0.98	1065734		Muscovite Schist	<0.005	<0.1			
11.80	12.78	0.98	1065735	**Duplicate**	Muscovite Schist	<0.005	<0.1			
12.78	13.60	0.82	1065736		Mafic Dyke	<0.005	<0.1			
13.60	15.25	1.65	1065737		Muscovite Schist	<0.005	<0.1			
15.25	16.90	1.65	1065738		Muscovite Schist	<0.005	<0.1			
16.90	18.00	1.10	1065739		Muscovite-Rich Gneiss	<0.005	<0.1			
18.00	19.10	1.10	1065740		Muscovite-Rich Gneiss	<0.005	<0.1			
19.10	20.23	1.13	1065741		Muscovite-Rich Gneiss	<0.005	<0.1			
20.23	20.83	0.60	1065742		Silicified, Vuggy rock	<0.005	<0.1			
20.83	21.93	1.10	1065743		Mafic Dyke	<0.005	<0.1			
21.93	23.06	1.13	1065744		Silicified Gneiss	<0.005	<0.1			
23.06	23.06		1065745	**STD: PM 436**		0.421	0.2			
23.06	25.06	1.50	1065746		Mafic Gneiss	0.010	<0.1			
25.06	26.56	1.50	1065747		Mafic Gneiss	0.011	<0.1			
26.56	28.06	1.50	1065748		Mafic Gneiss	0.009	<0.1			
28.06	29.15	1.09	1065749		Mafic Gneiss	0.005	0.1			
29.15	30.17	1.02	1065750		Mafic Gneiss	0.009	0.2			
30.17	31.20	1.03	1065751		Altered Mafic Gneiss	0.007	0.1			
31.20	32.05	0.85	1065752		Mafic Gneiss	<0.005	<0.1			
32.05	32.90	0.85	1065753		Mafic Gneiss	<0.005	<0.1			
32.90	33.32	0.42	1065754		Sulphide-rich altered Mafic	0.028	0.3			
33.32	33.32		1065755	**Blank**		<0.005	<0.1			
33.32	33.84	0.52	1065756		Mafic Gneiss	<0.005	<0.1			
33.84	34.96	1.12	1065757		Mafic Gneiss	<0.005	<0.1			
34.96	35.58	0.62	1065758		Altered Mafic Gneiss	0.008	0.1			
35.58	36.67	1.09	1065759		Mafic Gneiss	0.007	0.1			
36.67	37.57	0.90	1065760		Mafic Gneiss	0.005	0.1			
37.57	38.47	0.90	1065761		Mafic Gneiss	<0.005	<0.1			
38.47	39.35	0.88	1065762		Mafic Gneiss	<0.005	<0.1			
39.35	40.25	0.90	1065763		Mafic Gneiss	<0.005	<0.1			
40.25	41.50	1.25	1065764		Mafic Gneiss	<0.005	<0.1			
41.50	41.50		1065765	**STD: PM925**		>10.000	>100.0	11.9		166
41.50	42.68	1.18	1065766		Mafic Gneiss	0.010	0.4			
42.68	43.60	0.92	1065767		Mafic Gneiss	<0.005	0.1			
43.60	44.65	1.05	1065768		Mafic Gneiss	0.007	0.1			
44.65	45.60	0.95	1065769		Mafic Gneiss	<0.005	<0.1			
45.60	46.75	1.15	1065770		Altered Mafic Gneiss	0.009	<0.1			
46.75	47.87	1.12	1065771		Altered Mafic Gneiss	<0.005	0.1			
47.87	48.50	0.63	1065772		Altered Mafic Gneiss	0.006	0.1			
48.50	49.65	1.15	1065773		Mafic Gneiss	<0.005	0.1			
49.65	50.60	0.95	1065774		Mafic Gneiss	<0.005	<0.1			
49.65	50.60	0.95	1065775	**Duplicate**	Mafic Gneiss	<0.005	<0.1			
50.60	51.23	0.63	1065776		Bleached Mafic Gneiss	<0.005	<0.1			
51.23	52.35	1.12	1065777		Bleached Mafic Gneiss	<0.005	<0.1			
52.35	53.05	0.70	1065778		Feldspar Porphyry	<0.005	<0.1			
53.05	53.90	0.85	1065779		Bleached Mafic Gneiss	<0.005	<0.1			
53.90	54.73	0.83	1065780		Bleached Mafic Gneiss	0.006	<0.1			
54.73	55.45	0.72	1065781		Bleached Mafic Gneiss	0.007	<0.1			
55.45	56.50	1.05	1065782		Bleached Mafic Gneiss	<0.005	<0.1			
56.50	57.29	0.79	1065783		Bleached Mafic Gneiss	<0.005	<0.1			
57.29	58.30	1.01	1065784		Bleached Mafic Gneiss	<0.005	<0.1			
58.30	58.30		1065785	**STD: PM 436**		0.414	0.2			
58.30	59.37	1.07	1065786		MGn	<0.005	0.2			
59.37	60.06	0.69	1065787		Feldspar Porphyry	<0.005	0.1			
60.06	61.89	1.83	1065788		Fault Zone	0.051	0.8			
61.89	63.00	1.11	1065789		Fault Zone	0.022	0.9			
63.00	64.30	1.30	1065790		Quartzite?	0.052	0.9			
64.30	66.16	1.86	1065791		Quartzite?	0.048	2.9			
66.16	66.75	0.59	1065792		Orange-Brown Clay	0.088	1.5			
66.75	69.05	2.30	1065793	poor recovery	Orange-Brown Clay	0.137	1.8			

Charlotte Project
DDH-11-262
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
69.05	70.45	1.40	1065794		Mafic Schist	0.368	<0.1			
70.45	70.45		1065795	**Blank**		<0.005	<0.1			
70.45	71.70	1.25	1065796		Mafic Schist	0.034	0.1			
71.70	73.17	1.47	1065797		Mafic Schist	0.008	<0.1			
73.17	74.60	1.43	1065798		Mafic Gneiss	0.019	<0.1			
74.60	75.30	0.70	1065799		Altered Mafic Gneiss	0.006	<0.1			
75.30	76.52	1.22	1065800		Mafic Gneiss	0.006	0.1			
76.52	77.80	1.28	1065801		Altered Mafic Gneiss	0.007	3.3			
77.80	78.55	0.75	1065802		Black Gouge	<0.005	0.1			
78.55	80.10	1.55	1065803		Altered Mafic Gneiss	<0.005	0.2			
80.10	81.50	1.40	1065804		Altered Mafic Gneiss	0.011	0.2			
81.50	81.50		1065805	**STD: PM 925**		>10.000	>100.0	11.6		161
81.50	82.95	1.45	1065806		Magnetic Mafic Gneiss	<0.005	0.1			
82.95	84.45	1.50	1065807		Magnetic Mafic Gneiss	0.012	0.2			
84.45	85.50	1.05	1065808		Magnetic Mafic Gneiss	0.011	0.4			
85.50	86.65	1.15	1065809		Magnetic Mafic Gneiss	<0.005	<0.1			
86.65	87.80	1.15	1065810		Black Gouge	<0.005	0.1			
87.80	89.35	1.55	1065811		Alteration & Fault Zone	0.120	5.3			
89.35	90.80	1.45	1065812		Black & Green Gouge	<0.005	0.2			
89.35	90.80	1.45	1065813	**Duplicate**	Black & Green Gouge	<0.005	0.1			
90.80	92.00	1.20	1065814		Altered Mafic Gneiss	<0.005	0.1			
92.00	93.10	1.10	1065815		Altered Mafic Gneiss	<0.005	<0.1			
93.10	94.20	1.10	1065816		Altered Mafic Gneiss	0.005	0.1			
94.20	95.35	1.15	1065817		Mafic Gneiss	<0.005	<0.1			
95.35	96.50	1.15	1065818		Mafic Gneiss	<0.005	<0.1			
96.50	97.85	1.35	1065819		Mafic Gneiss	<0.005	0.1			
97.85	98.60	0.75	1065820		Altered Mafic Gneiss	1.295	2.2			
98.60	99.60	1.00	1065821		Altered Mafic Gneiss	0.595	1.9			
99.60	100.50	0.90	1065822		Altered Mafic Gneiss	<0.005	<0.1			
100.50	101.40	0.90	1065823		Altered Mafic Gneiss	0.131	39.9			
101.40	102.70	1.30	1065824		Altered Gneiss	0.266	6.8			
102.70	102.70		1065825	**STD: PM 436**		0.415	0.2			
102.70	103.90	1.20	1065826		Altered Gneiss	0.102	6.0			
103.90	105.10	1.20	1065827		Altered Gneiss	0.099	3.4			
105.10	106.30	1.20	1065828		Altered Gneiss	0.286	17.2			
106.30	107.45	1.15	1065829		Altered Gneiss	0.068	2.6			
107.45	108.52	1.07	1065830		Sulphide Vein	>10.000	>100.0	62.8		771
108.52	108.52		1065831	**Blank**		0.022	0.5			
108.52	109.70	1.18	1065832		Altered Gneiss	0.095	2.4			
109.70	110.75	1.05	1065833		Altered Gneiss	1.080	6.9			
110.75	112.40	1.65	1065834		Mafic Gneiss	0.014	<0.1			
112.40	114.00	1.60	1065835		Mafic Gneiss	0.405	0.8			
114.00	114.70	0.70	1065836		Black & Green Gouge	0.006	<0.1			
114.70	115.75	1.05	1065837		Altered Mafic Gneiss	0.011	0.3			
115.75	117.25	1.50	1065838		Altered Mafic Gneiss	<0.005	<0.1			
117.25	118.75	1.50	1065839		Altered Mafic Gneiss	<0.005	<0.1			
118.75	120.25	1.50	1065840		Altered Mafic Gneiss	<0.005	<0.1			
120.25	121.60	1.35	1065841		Altered Mafic Gneiss	0.008	<0.1			
121.60	122.25	0.65	1065842		Altered Mafic Gneiss	0.009	0.1			
122.25	123.75	1.50	1065843		Black & Green Gouge	0.010	<0.1			
123.75	125.25	1.50	1065844		Altered Mafic Gneiss	0.006	<0.1			
125.25	125.25		1065845	**STD: PM 925**		>10.000	>100.0	11.2		164
125.25	126.85	1.60	1065846		Altered Mafic Gneiss	0.021	0.5			
126.85	128.45	1.60	1065847		Altered Mafic Gneiss	0.030	<0.1			
128.45	129.95	1.50	1065848		Mafic Gneiss	0.010	<0.1			
129.95	131.45	1.50	1065849		Mafic Gneiss	0.006	<0.1			
131.45	132.95	1.50	1065850		Mafic Gneiss	<0.005	<0.1			
132.95	134.35	1.40	1065851		Mafic Gneiss	0.011	<0.1			
134.35	135.67	1.32	1065852		Mafic Gneiss	0.011	<0.1			
135.67	EOH									

Charlotte Project
DDH-11-263
Drill Log Summary and Cover Sheet

Hole Id:	**DDH-11-263**
Property:	**Charlotte**
Area:	**Flex Zone**
Client:	**Ansell Capital Corp.**
Logged By:	**A. Paquet**
Date Logged:	**July 20-24, 2011**

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	**NAD83, Zone 8**		
Easting:	**386846.15 mE**	Azimuth:	**045 ^{0}**
Northing:	**6881611.78 mN**	Dip:	**-50 ^{0}**
Elevation:	**1282.97 m**	Length:	**224.83 m**

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	**386844 mE**	Azimuth:	**045 ^{0}**
Northing:	**6881610 mN**	Dip:	**-50 ^{0}**
Elevation:	**1277 m**	Length:	**100 m**

Lithology Summary

From	To	Lith	Comment
0.00	7.62	**OB**	
7.62	32.73	**BGn-z/ CLY**	
32.73	35.67	**Sch**	
35.67	53.35	**Gn-z**	
53.35	78.35	**Gn/Sch**	
73.85	175.60	**Gn**	
175.60	224.83	**Gn**	
224.83		**EOH**	

Drilling Information:

Contractor:	**DJ Drilling**
Core Diameter:	**HQ/NQ**
Start Date:	**5-Jul-2011**
End Date:	**9-Jul-2011**
Casing In:	**No**
Casing Capped:	**No**
Units:	**Metric**

Hole Objective:
25m south of DDH-11-245

Note: Block 137' was skipped, 10' was subtracted from all blocks past this point.
From 95-142m the core was very mixed up. It was mostly fixed but logger was unsure of about ~5% of the placement.
Core is HQ until 169.82m, then it is reduced to NQ.

Hole Summary:
Drill hole DDH-11-263 is dominated by felsic gneiss. It collars into a zone of faulted gneiss, intensely bleached and altered by clay, which is subsequently intersected by a biotite schist at 32.73-35.67m. From 35.67-53.35m limonite altered gneiss is frequently faulted and is often rubbley. From 53.35-78.35m this gneiss is interfingered with the biotite schist seen earlier in the hole, which is moderately altered to chlorite. After 73.85m silicified gneiss averaging 5% pyrite is intersected, hosting a vein from 83.95-84.25m of massive sphalerite, pyrite, galena and arsenopyrite. Another interesting zone is from 144.50-145.25m which contains 50% veins of dark-grey quartz, bearing pyrite, sphalerite, galena and arsenopyrite. The host silicified gneiss continues to 175.60m, where changes to a still silicified, slightly darker grey gneiss with weak chlorite and weak wispy epidote alteration. It continues to 224.83m (end of hole) and is presumably a less evolved, intermediate version of the host gneiss from 73.85-175.60m.

Charlotte Project
DDH-11-263
Detailed Log

Hole Id: DDH-11-263
Logged By: A. Paquet

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization							Alteration												Foliation	Shearing		Fractures		Veins				Brecciation						Upper Contact	Lower Contact
From	To	From	To	Code			Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	%Vn	Width	Type	Minerals	Clasts	%Clasts	Rounding	Matrix	%Matrix	Intensity	to CA	Description	to CA	Description
0.00	7.62			CAS	Overburden	CASING																																								
7.62	32.73			BGn-z/ CLY	Intensely Bleached and Clay Altered Gneiss	Prodolith is probably gneiss although the original texture has been almost entirely obliterated by intense clay alteration, strong bleaching and moderate limonite weathering. Three decimetre scale patches show very weak, overprinted foliation at 30-50 deg tca. Most competent portions of rock are friable, more than half of the interval is clay rubble. Colour is patchy yellowish-white, orangey-white, brownish-orange and light-grey. 30% quartz is preserved in meter scale patches, usually surrounded by white, yellow, grey and brown clay. Quartz occurs as subrounded clasts 0.5-3cm in diameter and as rounded phenocrysts 0.5-4mm. Trace muscovite 1-5% locally. No significant veining, trace pyrite. Trace blebs of manganese oxide.	0.1	0	0	0	0	0	diss	Yellowish-white, orangey white, brownish-orange and light-grey	0	4	0	0	0	0	0	3	0	0	0	0	0	0	0	5	Pervasive, patchy	30-50	-	-	-	-	-	-	-	-	-	-	-	-	-	n/a	start of hole	80	fairly sharp, schistose and clay altered
		7.62	9.75			5% muscovite, strong limonite, 30% quartz. Poor recovery.																																							
		24.60	25.45			Competent portion, not friable but still quite soft and clay altered. This section contains subtle chlorite alteration and 1% vfg disseminated muscovite. Moderate limonite alteration is pervasive. Texture is weakly foliated at 40 deg tca and has a slightly granular appearance. This portion seems to have been originally of a slightly different (more mafic) composition than the surroundings.																																								
32.73	35.67			Sch	Biotite Schist	Dark grey and brown, 50% mg biotite, 47% leucosomes are soft and altered by moderate clay and limonite, mostly likely feldspars prior to alteration event(s). 3% whitish-grey quartz veinlets 1-3mm, in line with schistosity which is moderate and trends 125 deg tca. Friable. Trace chalcopyrite (possibly oxidized pyrite).	0	0	0	0	0.1	0	trace	Dark grey and brown	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	Foliated	125	-	-	-	5	125	3	1-3mm	qtz	qtz	-	-	-	-	-	-	80	fairly sharp, schistose and clay altered	-	rubble, grades from 35.67-38.45
35.67	53.35			Gn-z	Limonite Felsic Gneiss	Creamy brownish-orange. Contains 5-10% muscovite, <5% ~1mm phenocrysts of white quartz, <5% white quartz leucosomes. Fine grained granulated texture, <60% feldspars have been mostly altered to limonite rich clay, probably calc/alkali feldspar(s). Remained is moderate clay and strong limonite alteration. Weakly bleached. Patches of moderate sericite sometimes associated with patches of weak silica alteration. Moderately foliated at 50 deg tca, bands are ~1mm wide. Trace pyrite. 1% patchy veinlets of 2-3mm grey translucent quartz, in line with foliation. Trace vugs. Locally schistose. Yellow clay occasionally on fractures.	0.5	0	0	0	0	0	trace	Creamy brownish-orange	1	2	0	2	0	0	0	4	0	0	0	0	0	0	0	2	Pervasive, foliated	50	-	-	-	4	50	1	2-3mm	sharp	grey quartz	-	-	-	-	-	-	-	rubble, gradual	50	gradual
		35.67	38.45			Rubble transition zone containing mostly BGn and some biotite Sch.																																								
		48.85	51.65			Zone of moderate sericite alteration and decimetre scale patches of moderate silica. This cone is light-grey and limonite is isolated to 5% hairline fractures, typically in line with foliation, occasionally oblique at no preferred orientation. Weakly vuggy.	0.5	0	0	0	0	0	trace	Tan	1	2	0	3	0	0	0	3	0	0	0	0	0	0	0	1	Pervasive, foliated	50	-	-	-	4	50	3	2-3mm	sharp	grey quartz	-	-	-	-	-	-	-	gradual	-	gradual
53.35	78.35			Gn/Sch	Interfingered Felsic Gneiss and Biotite Schist	Creamy brownish-orange alternating with dark and light grey. Felsic gneiss portions are same as 35.67-53.35m, biotite schist is same as 32.73-35.67m. Moderately faulted. Meter scale patches of medium-grey moderately silica altered gneiss, associated with 3% pyrite stringers and clots. 1% pyrite overall. Occasional quartz veinlets 2-3mm with <0.5mm pyrite selvages.	1	0	0	0	0	0	stringers, blebs	Creamy brownish-orange alternating with dark and light grey	2	1	0	1	0	0	0	2	0	0	0	1	o	o	o	1	Patchy	50-70	-	-	50-70	4	50	1	1-4cm	anastomosing	white-translucent qtz	-	-	-	-	-	-	50	gradual	-	gradual
		61.40	64.55			Moderately silica altered light-grey patch.	3	0	0	0	0	0	stringers, blebs	Light-grey	3	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	Pervasive	60	-	-	60, 140	4	50	2	<2mm	stringers	py	-	-	-	-	-	-	-		-	
		65.24	65.60			Abour 15% bright green mineral, probably fuchsite.																																								
		65.60	66.40	FZ		Limonite and grey clay gouge, 20% muscovite, 10% 1-3cm subrounded quartz clasts, 10% 1-3mm rounded quartz phenocrysts.																																							~70	sharp, non-planar	70	very sharp
		67.40	67.60			Weakly brecciated texture, 15% sub-rounded clasts of white clay. Matrix contains thin wisps of vfg dark grey material, possibly sulphides.																																								
		69.60				Moderately silica altered light-grey patch.																																								
		72.20	72.50	Sch		Dark greenish-grey biotite-chlorite schist, possibly some kind of sheared transition zone.																																								
73.85	175.60			Gn	Grey Altered Gneiss	Limonite drops to subtle past this point. Strong sericite and silica alteration, fades out occasionally in cm-dm scale patches. Host lithology. 3-7% pyrite disseminated and in stringers also at 50 deg tca, occasionally with ~2mm quartz haloes. Contains a few vuggy and/or sulphide veins described below. Trace sphalerite and galena, up to 5% locally as stingers and clots. Rock is quite competent for this property with fractures every 10-60cm, no clay. Scarcely any original minerals remain, although fabric remains, fg, moderately foliated at 50 deg tca. Protolith seems to be a felsic to intermediate extrusive (latite?) metamorphosed to gneiss. Meter scale patches of cataclastic texture where foliation has been obliterated. Weak chlorite and hematite alteration occurs in places, usually along foliation. Trace epidote alteration, always associate with chlorite alteration. Trace late calcite stringers cross-cutting at 120 deg tca, also always associated with carbonate alteration. All contacts between alteration zones grade over ~1cm and are in line with foliation unless indicated otherwise.	5	0.1	0.1	0.5	0	0	stringers, disseminated	Light to medium grey and tan	4	0	0	4	0	0	0	4	0	0	0	0	0	0	0	0	Pervasive, patchy	50	-	-	50	3	50	4	1-4mm	stringers and vugs	sulphides and quartz	-	-	-	-	-	-	-	gradual	-	gradual, indistinct, over a few meters
			74.70			Quartz veinlets 1-4mm (leucosomes?) at 70 deg tca are cross-cut and offset 1cm by a hairline fracture at 150 deg tca.																																								
			83.50			2cm vuggy grey sulphide vein at 140 deg tca, grey quartz, pyrite, sphalerite. Well defined quartz crystals.																																								
		82.55	83.95			Light-grey sericite alteration halo with 7% pyrite in stringers in line with foliation at 50 deg tca, gradually fades over 1.4m in hanging wall.	7	0	0	0.1	0	0	stringers, vugs	Light-grey	4	0	0	4	0	0	0	1	0	0	0	0	0	0	0	0	Pervasive, patchy																			
		83.95	84.25	SV		15cm true width. Massive sulphide vein trending 30 deg tca. 45% reddish-brown sphalerite, 20% pyrite, 15% arsenopyrite, 10% galena, 10% soft white mineral possibly clay. Foot wall has 1.5cm of irregular sulphide stringers.	20	15	5	45	0	0	massive vein	Reddish grey	4	0	0	4	0	0	0	1	0	0	0	0	0	0	0	0	Pervasive, patchy															30	sharp	30	sharp
		84.25	85.55			Light-grey sericite alteration halo with 7% pyrite in stringers in line with foliation at 50 deg tca, gradually fades 1.3m in footwall.	7	0	0	0	0	0	stringers	Light-grey																																		
		85.50				0.7cm band of bright green mineral, probably fuchsite.																																							
		88.50	89.20			Moderate limonite alteration, no foliation. Rubble. Texture is spkotchy and chaotic, lower contact at 50 deg tca. 5% pyrite clots.	5	0	0	0	0	0	clots	Creamy-brown-orange																																gradual		
		92.65	94.75			Porphyritic texture. 20% phenocrysts of limonite and white clay altered feldspars 1-3mm in diameter, usually rounded, occasionally cubic. Also patches of up 10% phenocrysts altered entirely to pyrite, also rounded.								Medium grey																																
			94.75			Vuggy irregular grey and white quartz vein at 140 deg tca, 7cm true width. Contains 7% sphalerite and galena. Stockwork of sphalerite and galena for a few cm into hanging and foot walls, lower contact defined by 0.7cm sharp pyrite band at 104 deg tca.	0	0	3	4	0	0	vein	Dark grey and white																																		
		99.50	107.60			Cataclastic texture, foliation remains only in small patches <1m. 7% average pyrite and vfg sulphides, bands and clots. Two fractures are slickensides.	4	0	0	0	0	3	bands, clots	Grey and tan																																		
		101.10	102.85			Weak decimetre scale bands of hematite alteration, one band is alternated by bright green mineral, probably fuchsite.																																								
			104.15			Massive pyrite vein, 2cm true width, 8cm apparent width, trends 160 deg tca. About 10% of it is not in the box?																																								
			104.25			~2cm irregular vug with vfg dark-grey sulphides																																								
		107.60	108.10			Green chlorite and grey clay fault gouge. 150 deg tca. Moderately schistose. Traces of epidote appear beyond this point as clots and bands.																																								
		112.45	125.45			Sudden appearance of weak to moderate dm-m scale patches of black chlorite alteration. Medium grey. Silica and sericite drop to weak. Trace to 1% white calcite stringer <2mm at 115 deg tca. A few 5-20cm patches of green fault gouge like 107.60-108.10m.	5	0	0	0	0	0	stringers, diss	Medium grey	2	0	0	2	0	0	0	1	0	0	0	3	0	0	0	0	Pervasive, patchy																			
		95.00	142.00			Much of the core has been misplaced. Within one run, rows are backwards, a few cm scale patches are missing entirely. Core was put back together to an estimated accuracy of about 95%																																								
		125.40	128.55			Moderate white clay alteration, cataclastic texture, light-grey tan colour, not silicified.								Light-grey tan	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	2																			
		138.80	139.75			Moderate white clay alteration, cataclastic texture, light-grey tan colour, not silicified. Pyrite stringers display dendritic texture.									0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	2																			
		144.50	145.25	SV		90% quartz-sulphide veins. Foliated at 50 deg tca with cross-cutting, veins at 140 deg tca, 4cm wide. 7% pyrite, 3% sphalerite, 1% galena in veins.	7	0	1	3	0	1	veins																																		
		145.25	151.15			Moderate silica alteration, weak decimetre scale hematite and chlorite banding, subtle fuchsite(?).																																								
		151.15	152.30			Cataclastic texture.																																								
			152.35			A few pyrite stringers <0.5mm are enveloped by 2mm of grey-translucent quartz on either side, they trend 40 deg tca. These veins are cross-cut by milky-white quartz stringers at 110 deg tca and offset by an apparent width of 3cm.																																								
			155.40			A vug trending 40 deg tca is 0.7cm true width and contains a clear mineral. This colourless, hexagonal (isometric?) mineral has prefect cleavage at 90 and 120 deg tca, vitreous lustre, hardness of about 3-4, when heated it bursts apart along cleavage planes making a crackling noise. Grows to a max of 4x44x4mm. Best guess is fluorite? No reaction to HCL or water. Also contains ~1mm quartz crystals.																																								
		162.70	163.30			Moderate white clay alteration, cataclastic texture, light tan colour, not silicified.																																								
		160.70	169.80			Medium grey, silica alteration is weak. 7% stringers with <0.5mm pyrite selvages and 2mm dark-grey quartz haloes likely containing vfg disseminated sulphide, in line with foliation at 35 deg tca. 1% cross-cutting dark-grey and milky white quartz stringers. These features are sharp. Two decimetre patches of hydrothermal brecciation, fg dark grey silica matrix is 40%, clasts are angular altered gneiss up 0.5-2cm diameter.																																								
			169.82			Reduced from HQ to NQ size core.																																								
		169.82	175.35			Moderate limonite altered rubble. Moderate patchy silica and sericite alteration.																																								
		175.37	175.45			Clay breccia with subangular milky white quartz clasts 1.5cm in diameter.																																								
		175.45	175.60			40% wispy bands of bright green fuchsite (?).																																								
175.60	224.83			Gn	Medium-dark grey altered gneiss	Strong pervasive silica alteration, epidote increases to weak, moderate chlorite, weak sericite. Dark grey. Possibly matic gneiss but presence of quartz leucosomes and gradual contact suggest metamorphosed intermediate volcanic. Similar texture as above rock, clearly part of same fg volcanic package. 5% pyrite, typically stringers in line with foliation at 40-50 deg tca, occasionally disseminated in meter scale patches. Trace sphalerite and galena, see below. Trace carbonate stringers in line with foliation, late stage. Trace hematite alteration.	5	0	0.1	0.1	0	0	stringers	Medium-dark grey	4	0	0	2	1	0	0	1	1	0	0	3	0	2	0	0	Pervasive, patchy	40-50	-	-	50, etc	3	50	5	1mm	stringers	pyrite	-	-	-	-	-	-	-	gradual, indistinct, over a few meters	n/a	EOH
		173.85	174.20			Contains a vuggy quartz vein with dark-grey sulphides.																																								
		174.20	175.35	Dk		Light greenish tan. Not foliated vfg matrix is 80% of rock, minerals are not distinguishable, seems to be pervasively altered by moderate sericite and weak chloritie. 7% fg pyrite cubes are disseminated. Rubble with moderate limonite on fractures. Contains 3cm clay gouge at 50 deg tca. Post-deformation dyke.	7	0	0	0	0	0	cubes	Light greenish tan	0	0	0	3	0	0	0	3	0	0	0	2	0	0	0	1	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	grades over 1cm	-	rubble
		180.30	180.50			30% semi-massive manganese, fracture controlled.																																								
		185.35	186.05	QFP	Grey Quartz feldspar porphyry	10% brownish white feldspar completely altered to clay 2-3mm, often rectangular. 5% dark-translucent quartz phenocrysts. Vfg medium-brownish grey matrix, moderately silica altered. This intrusion has rubbly contacts that cannot be measured and is not foliated, was clearly emplaced after main deformation event. No mineralization, veining or structure to speak of.	0	0	0	0	0	0		Medium grey	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	rubble	-	rubble
			189.30			2mm veinlet of sphalerite, galena and pyrite. Discontinuous.																																								
		201.70	202.85			Patch of strong sericite and silica alteration. White clay fault gouge at 202.00m. Small sharp silica stinger, 3mm, at 202.65m, at 60 deg tca, contains discontinuous sphalerite selvage, blebs are about 2mm wide.																																								
		204.55	206.00			Patch of strong sericite and silica alteration. 5mm quartz vug at 204.55m at 130 deg tca. Foliation at 40 deg tca is cross-cut by sericite altered bands at 140 deg tca, these cross-cutting feature have same alteration and texture as surrounding gneiss, not sure if they are veins/ crenulations (?)																																								
		207.30	208.55			Patch of strong sericite and silica alteration. Last 50 cm is chl and white clay sheared fault gouge, trending 40 deg tca.																																								
			212.75			Two sphalerite, pyrite and galena irregular stringers 6cm apart, 2mm wide, at approximately 130 deg tca.																																								
224.83				EOH		End of hole a bit strange, last block is 224.39m followed by 44cm of core... was the drill stopped mid-run?																																								

Charlotte Project
DDH-11-263
Down Hole Surveys for HQ Core

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field	Comments
42	12.80	11.4	33.9	-51.1	77896	erroneous removed from interpretation
52	15.85	334.4	356.9	-51.5	97599	erroneous removed from interpretation
62	18.90	25.6	48.1	-51.4	19927	erroneous removed from interpretation
72	21.95	299.3	321.8	-51	103130	erroneous removed from interpretation
82	25.00	201.9	224.4	-51.2	29842	erroneous removed from interpretation
92	28.05	21.1	43.6	-51.2	67694	erroneous removed from interpretation
102	31.10	30.6	53.1	-51.4	58656	erroneous removed from interpretation
112	34.15	30.3	52.8	-51.7	58143	
122	37.20	32.2	54.7	-51.3	58037	
132	40.24	31	53.5	-51.2	57801	
142	43.29	30.4	52.9	-51.2	57819	
152	46.34	30.8	53.3	-51.6	57894	
162	49.39	32.1	54.6	-51.7	57929	
172	52.44	32.3	54.8	-51.7	57941	
182	55.49	31.8	54.3	-52	57874	
192	58.54	29.8	52.3	-51.8	57764	
202	61.59	31.8	54.3	-52.2	57961	
212	64.63	30.8	53.3	-52.4	57813	
222	67.68	31.3	53.8	-52.4	57806	
232	70.73	30.3	52.8	-52.6	57876	
242	73.78	30.5	53.0	-52.7	57932	
252	76.83	30.5	53.0	-53	57833	
262	79.88	31.2	53.7	-53.1	57915	
272	82.93	31.4	53.9	-53.5	57969	
282	85.98	30.6	53.1	-53.6	57964	
292	89.02	29.4	51.9	-53.7	57796	
302	92.07	30.6	53.1	-54.1	57938	
312	95.12	31.2	53.7	-54.3	57898	
322	98.17	30.2	52.7	-54.4	57894	
332	101.22	30.8	53.3	-54.5	57978	
342	104.27	29.7	52.2	-54.5	57840	
352	107.32	31.3	53.8	-54.5	57977	
362	110.37	31.3	53.8	-54.5	57890	
372	113.41	29.9	52.4	-54.5	57842	
382	116.46	31.2	53.7	-54.5	57981	
392	119.51	29.6	52.1	-54.5	57803	
402	122.56	30.6	53.1	-54.6	57952	
412	125.61	31.2	53.7	-54.7	57993	
422	128.66	30.6	53.1	-54.7	57765	
432	131.71	29.7	52.2	-54.5	57787	
442	134.76	32	54.5	-54.7	57922	
452	137.80	30.5	53.0	-54.9	57871	
462	140.85	30.2	52.7	-54.9	57849	
472	143.90	30.8	53.3	-55	57941	
482	146.95	30.6	53.1	-55.2	57928	
492	150.00	30.8	53.3	-55.4	57911	
502	153.05	30	52.5	-55.5	57804	
512	156.10	31.3	53.8	-55.5	57874	
522	159.15	31.9	54.4	-55.5	58026	
532	162.20	31	53.5	-55.5	57812	
542	165.24	29.6	52.1	-55.5	57876	
552	168.29	31.9	54.4	-55.5	57933	

Charlotte Project
DDH-11-263
Down Hole Surveys for HQ Core

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field	Comments
562	171.34	30.5	53.0	-55.4	57824	
572	174.39	30.8	53.3	-55.2	57779	
582	177.44	29.7	52.2	-54.5	59469	
592	180.49	6.2	28.7	-54.4	68833	erroneous removed from interpretation

Charlotte Project
DDH-11-263
Down Hole Surveys for NQ Core

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field	Comments
32	9.76	64.9	87.4	-51.6	22569	erroneous removed from interpretation
42	12.80	359.8	382.3	-51.7	85762	erroneous removed from interpretation
52	15.85	263.8	286.3	-51.3	11499	erroneous removed from interpretation
62	18.90	351.1	373.6	-51.1	85412	erroneous removed from interpretation
72	21.95	354.1	376.6	-51.2	11228	erroneous removed from interpretation
82	25.00	349.5	372.0	-51.3	85212	erroneous removed from interpretation
92	28.05	3.6	26.1	-51.4	48371	erroneous removed from interpretation
102	31.10	76.8	99.3	-51.4	27419	erroneous removed from interpretation
112	34.15	334.6	357.1	-51.3	67188	erroneous removed from interpretation
122	37.20	16.9	39.4	-51.3	37675	erroneous removed from interpretation
132	40.24	7	29.5	-51.3	83895	erroneous removed from interpretation
142	43.29	346.7	369.2	-51.5	88361	erroneous removed from interpretation
152	46.34	9.2	31.7	-51.7	16109	erroneous removed from interpretation
162	49.39	7.4	29.9	-51.8	84779	erroneous removed from interpretation
172	52.44	79.9	102.4	-51.9	44361	erroneous removed from interpretation
182	55.49	350	372.5	-52	29696	erroneous removed from interpretation
192	58.54	281.5	304.0	-52.2	15446	erroneous removed from interpretation
202	61.59	355.4	377.9	-52.3	60755	erroneous removed from interpretation
212	64.63	7	29.5	-52.4	49782	erroneous removed from interpretation
222	67.68	66.7	89.2	-52.5	25245	erroneous removed from interpretation
232	70.73	11.9	34.4	-52.8	47079	erroneous removed from interpretation
242	73.78	5.1	27.6	-52.9	42683	erroneous removed from interpretation
252	76.83	56.3	78.8	-53.2	24862	erroneous removed from interpretation
262	79.88	3.6	26.1	-53.4	32286	erroneous removed from interpretation
272	82.93	1.8	24.3	-53.6	22246	erroneous removed from interpretation
282	85.98	343.8	366.3	-53.8	83326	erroneous removed from interpretation
292	89.02	353.8	376.3	-54.1	47541	erroneous removed from interpretation
302	92.07	347.7	370.2	-54.3	52834	erroneous removed from interpretation
312	95.12	48.9	71.4	-54.4	47555	erroneous removed from interpretation
322	98.17	13.6	36.1	-54.5	77918	erroneous removed from interpretation
332	101.22	41.1	63.6	-54.5	29867	erroneous removed from interpretation
342	104.27	47.5	70.0	-54.6	53569	erroneous removed from interpretation
352	107.32	4.5	27.0	-54.6	86129	erroneous removed from interpretation
362	110.37	8.6	31.1	-54.5	42767	erroneous removed from interpretation
372	113.41	1	23.5	-54.5	69513	erroneous removed from interpretation
382	116.46	316.3	338.8	-54.6	31229	erroneous removed from interpretation
392	119.51	1.3	23.8	-54.6	83077	erroneous removed from interpretation
402	122.56	1.9	24.4	-54.6	31115	erroneous removed from interpretation
412	125.61	326.4	348.9	-54.7	84549	erroneous removed from interpretation
422	128.66	348.6	371.1	-54.7	43052	erroneous removed from interpretation
432	131.71	356.8	379.3	-54.7	51259	erroneous removed from interpretation
442	134.76	13.6	36.1	-54.8	52834	erroneous removed from interpretation
452	137.80	354.9	377.4	-54.9	49588	erroneous removed from interpretation
462	140.85	357.2	379.7	-55	61756	erroneous removed from interpretation
472	143.90	8	30.5	-55.2	84739	erroneous removed from interpretation
482	146.95	0.9	23.4	-55.4	48384	erroneous removed from interpretation
492	150.00	7	29.5	-55.6	73674	erroneous removed from interpretation
502	153.05	9.7	32.2	-55.5	45323	erroneous removed from interpretation
512	156.10	333.5	356.0	-55.6	17198	erroneous removed from interpretation
522	159.15	339.1	361.6	-55.5	87253	erroneous removed from interpretation
532	162.20	356.6	379.1	-55.5	81716	erroneous removed from interpretation
542	165.24	1.9	24.4	-55.5	56481	erroneous removed from interpretation
552	168.29	353.9	376.4	-55.4	39279	erroneous removed from interpretation

Charlotte Project
DDH-11-263
Down Hole Surveys for NQ Core

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field	Comments
562	171.34	322.2	344.7	-55.3	29955	erroneous removed from interpretation
572	174.39	23.9	46.4	-55.3	64118	erroneous removed from interpretation
582	177.44	32	54.5	-55.5	58181	
592	180.49	30.9	53.4	-55.3	57642	
602	183.54	31.3	53.8	-55.3	57312	
612	186.59	31.9	54.4	-55.4	57474	
622	189.63	35.3	57.8	-55.4	57650	
632	192.68	32.1	54.6	-55.4	57396	
642	195.73	31.9	54.4	-55.4	57247	
652	198.78	34.3	56.8	-55.4	57369	
662	201.83	32.2	54.7	-55.3	57239	
672	204.88	33.1	55.6	-55.3	57380	
682	207.93	32.7	55.2	-55.2	57275	
692	210.98	28.5	51.0	-55.3	58090	
702	214.02	33.9	56.4	-55.4	57416	
712	217.07	38.2	60.7	-55.3	56555	
722	220.12	32.6	55.1	-55.3	57157	
732	223.17	36.7	59.2	-55.4	57487	

Charlotte Project
DDH-11-263
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
7.62	9.75	2.13	1065853	poor recovery	Blh & Clay Altered Gneiss	0.159	2.1			
9.75	11.70	1.95	1065854	poor recovery	Blh & Clay Altered Gneiss	0.191	3.5			
11.70	12.80	1.10	1065855		Blh & Clay Altered Gneiss	0.207	4.4			
11.70	12.80	1.10	1065856	**Duplicate**	Blh & Clay Altered Gneiss	0.179	4.5			
12.80	14.33	1.53	1065857		Blh & Clay Altered Gneiss	0.248	8.2			
14.33	15.85	1.52	1065858		Blh & Clay Altered Gneiss	0.169	4.1			
15.85	17.35	1.50	1065859		Blh & Clay Altered Gneiss	0.230	6.5			
17.35	18.85	1.50	1065860		Blh & Clay Altered Gneiss	0.403	9.0			
18.85	20.43	1.58	1065861		Blh & Clay Altered Gneiss	3.396	7.3			
20.43	21.85	1.42	1065862		Blh & Clay Altered Gneiss	0.612	3.8			
21.85	23.35	1.50	1065863		Blh & Clay Altered Gneiss	0.059	1.8			
23.35	24.20	0.85	1065864		Blh & Clay Altered Gneiss	0.021	1.8			
24.20	24.20		1065865	**Blank**		<0.005	<0.1			
24.20	25.45	1.25	1065866		Blh & Clay Altered Gneiss	0.032	2.4			
25.45	26.95	1.50	1065867		Blh & Clay Altered Gneiss	0.039	1.0			
26.95	28.45	1.50	1065868		Blh & Clay Altered Gneiss	0.059	0.5			
28.45	30.50	2.05	1065869	poor recovery	Blh & Clay Altered Gneiss	0.217	0.8			
30.50	31.55	1.05	1065870		Blh & Clay Altered Gneiss	1.250	3.5			
31.55	32.73	1.18	1065871		Blh & Clay Altered Gneiss	0.343	1.2			
32.73	34.20	1.47	1065872		Biotite Schist	<0.005	<0.1			
34.20	35.67	1.47	1065873		Biotite Schist	<0.005	<0.1			
35.67	37.00	1.33	1065874		Limonite Felsic Gneiss	<0.005	<0.1			
37.00	37.00		1065875	**Blank**		<0.005	<0.1			
37.00	38.45	1.45	1065876		Limonite Felsic Gneiss	<0.005	<0.1			
38.45	39.95	1.50	1065877		Limonite Felsic Gneiss	<0.005	<0.1			
39.95	41.45	1.50	1065878		Limonite Felsic Gneiss	<0.005	<0.1			
41.45	42.95	1.50	1065879		Limonite Felsic Gneiss	<0.005	0.2			
42.95	44.45	1.50	1065880		Limonite Felsic Gneiss	<0.005	0.1			
44.45	45.95	1.50	1065881		Limonite Felsic Gneiss	<0.005	<0.1			
45.95	47.40	1.45	1065882		Limonite Felsic Gneiss	<0.005	0.2			
47.40	48.85	1.45	1065883		Limonite Felsic Gneiss	<0.005	0.2			
48.85	50.25	1.40	1065884		Limonite Felsic Gneiss	0.219	1.0			
50.25	50.25		1065885	**STD: PM 925**		>10.000	>100.0	11.3		172
50.25	51.65	1.40	1065886		Limonite Felsic Gneiss	0.226	1.9			
51.65	53.35	1.70	1065887		Limonite Felsic Gneiss	0.014	0.2			
53.35	54.85	1.50	1065888		Felsic Gneiss & Bt Schist	0.007	<0.1			
54.85	56.35	1.50	1065889		Felsic Gneiss & Bt Schist	0.008	<0.1			
56.35	57.85	1.50	1065890		Felsic Gneiss & Bt Schist	<0.005	<0.1			
57.85	59.35	1.50	1065891		Felsic Gneiss & Bt Schist	<0.005	0.3			
59.35	60.40	1.05	1065892		Felsic Gneiss & Bt Schist	<0.005	0.3			
60.40	61.40	1.00	1065893		Felsic Gneiss & Bt Schist	0.009	<0.1			
61.40	63.00	1.60	1065894		Felsic Gneiss & Bt Schist	0.006	<0.1			
61.40	63.00	1.60	1065895	**Duplicate**	Felsic Gneiss & Bt Schist	0.006	<0.1			
63.00	64.55	1.55	1065896		Felsic Gneiss & Bt Schist	<0.005	<0.1			
64.55	65.60	1.05	1065897		Felsic Gneiss & Bt Schist	0.006	0.4			
65.60	66.40	0.80	1065898		Felsic Gneiss & Bt Schist	0.189	2.2			
66.40	68.00	1.60	1065899		Felsic Gneiss & Bt Schist	0.005	<0.1			
68.00	69.60	1.60	1065900		Felsic Gneiss & Bt Schist	<0.005	<0.1			
69.60	71.10	1.50	1065901		Felsic Gneiss & Bt Schist	<0.005	<0.1			
71.10	72.50	1.40	1065902		Felsic Gneiss & Bt Schist	<0.005	<0.1			
72.50	73.85	1.35	1065903		Felsic Gneiss & Bt Schist	<0.005	<0.1			
73.85	75.35	1.50	1065904		Felsic Gneiss & Bt Schist	<0.005	<0.1			
75.35	75.35		1065905	**STD: PM 436**		0.361	0.2			
75.35	76.85	1.50	1065906		Felsic Gneiss & Bt Schist	<0.005	<0.1			
76.85	78.35	1.50	1065907		Felsic Gneiss & Bt Schist	0.009	<0.1			
78.35	79.85	1.50	1065908		Grey Altered Gneiss	<0.005	<0.1			
79.85	81.20	1.35	1065909		Grey Altered Gneiss	0.181	2.7			
81.20	82.50	1.30	1065910		Grey Altered Gneiss	0.102	7.6			
82.50	83.85	1.35	1065911		Grey Altered Gneiss	0.713	37.8			
83.85	84.33	0.48	1065912		Massive Sulphide Vein	>10.000	>100.0	60.9		3288
84.33	84.33		1065913	**Blank**		<0.005	0.7			
84.33	84.33		1065914	**Blank**		0.039	4.0			
84.33	85.70	1.37	1065915		Grey Altered Gneiss	0.666	22.7			
85.70	87.10	1.40	1065916		Grey Altered Gneiss	0.083	18.6			
87.10	88.50	1.40	1065917		Grey Altered Gneiss	0.027	1.0			

Charlotte Project
DDH-11-263
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
88.50	90.00	1.50	1065918		Grey Altered Gneiss	<0.005	0.3			
90.00	91.30	1.30	1065919		Grey Altered Gneiss	0.007	0.6			
91.30	92.65	1.35	1065920		Grey Altered Gneiss	0.014	2.6			
92.65	93.70	1.05	1065921		Grey Altered Gneiss	0.090	1.8			
93.70	95.05	1.35	1065922		Grey Altered Gneiss	2.473	45.5			
95.05	96.55	1.50	1065923		Grey Altered Gneiss	0.074	4.4			
96.55	98.05	1.50	1065924		Grey Altered Gneiss	0.007	0.8			
98.05	98.05		1065925	**STD: PM 925**		>10.000	>100.0	11.3		171
98.05	99.55	1.50	1065926		Grey Altered Gneiss	0.159	5.1			
99.55	101.00	1.45	1065927		Grey Altered Gneiss	0.425	37.1			
101.00	102.44	1.44	1065928		Grey Altered Gneiss	0.011	0.5			
102.44	104.10	1.66	1065929		Grey Altered Gneiss	0.895	4.5			
104.10	105.50	1.40	1065930		Grey Altered Gneiss	0.311	1.9			
105.50	107.00	1.50	1065931		Grey Altered Gneiss	0.011	0.5			
107.00	108.50	1.50	1065932		Grey Altered Gneiss	<0.005	0.2			
108.50	110.00	1.50	1065933		Grey Altered Gneiss	<0.005	0.3			
110.00	111.50	1.50	1065934		Grey Altered Gneiss	<0.005	0.2			
110.00	111.50	1.50	1065935	**Duplicate**	Grey Altered Gneiss	<0.005	0.2			
111.50	112.60	1.10	1065936		Grey Altered Gneiss	<0.005	<0.1			
112.60	113.95	1.35	1065937		Grey Altered Gneiss	<0.005	<0.1			
113.95	115.45	1.50	1065938		Grey Altered Gneiss	<0.005	<0.1			
115.45	116.95	1.50	1065939		Grey Altered Gneiss	<0.005	<0.1			
116.95	118.45	1.50	1065940		Grey Altered Gneiss	<0.005	<0.1			
118.45	119.95	1.50	1065941		Grey Altered Gneiss	<0.005	<0.1			
119.95	121.45	1.50	1065942		Grey Altered Gneiss	<0.005	0.2			
121.45	122.95	1.50	1065943		Grey Altered Gneiss	0.439	0.4			
122.95	124.45	1.50	1065944		Grey Altered Gneiss	0.007	<0.1			
124.45	124.45		1065945	**Blank**		<0.005	<0.1			
124.45	125.95	1.50	1065946		Grey Altered Gneiss	<0.005	0.2			
125.95	127.15	1.20	1065947		Grey Altered Gneiss	<0.005	0.3			
127.15	128.55	1.40	1065948		Grey Altered Gneiss	<0.005	0.1			
128.55	129.85	1.30	1065949		Grey Altered Gneiss	<0.005	0.1			
129.85	131.35	1.50	1065950		Grey Altered Gneiss	<0.005	0.2			
131.35	132.85	1.50	1065951		Grey Altered Gneiss	<0.005	0.4			
132.85	134.35	1.50	1065952		Grey Altered Gneiss	<0.005	0.4			
134.35	135.85	1.50	1065953		Grey Altered Gneiss	<0.005	0.5			
135.85	137.30	1.45	1065954		Grey Altered Gneiss	0.066	1.2			
137.30	137.30		1065955	**STD: PM 436**		0.395	0.2			
137.30	138.80	1.50	1065956		Grey Altered Gneiss	0.104	1.0			
138.80	139.75	0.95	1065957		Grey Altered Gneiss	0.015	0.1			
139.75	141.25	1.50	1065958		Grey Altered Gneiss	0.065	0.5			
141.25	142.35	1.10	1065959		Grey Altered Gneiss	0.050	0.2			
142.35	143.45	1.10	1065960		Grey Altered Gneiss	0.013	0.2			
143.45	144.50	1.05	1065961		Grey Altered Gneiss	0.011	0.5			
144.50	145.25	0.75	1065962		Qtz-Sulphide Vein	2.115	31.7			
144.50	145.25	0.75	1065963	**Duplicate**	Qtz-Sulphide Vein	4.746	69.5			
145.25	146.75	1.50	1065964		Grey Altered Gneiss	0.013	0.2			
146.75	148.25	1.50	1065965		Grey Altered Gneiss	0.014	0.5			
148.25	149.75	1.50	1065966		Grey Altered Gneiss	<0.005	<0.1			
149.75	151.15	1.40	1065967		Grey Altered Gneiss	<0.005	0.7			
151.15	152.30	1.15	1065968		Grey Altered Gneiss	0.056	12.4			
152.30	153.05	0.75	1065969		Grey Altered Gneiss	0.036	2.1			
153.05	153.75	0.70	1065970		Grey Altered Gneiss	0.039	0.6			
153.75	154.85	1.10	1065971		Grey Altered Gneiss	<0.005	<0.1			
154.85	156.25	1.40	1065972		Grey Altered Gneiss	0.050	3.8			
156.25	157.50	1.25	1065973		Grey Altered Gneiss	0.457	8.4			
157.50	158.55	1.05	1065974		Grey Altered Gneiss	<0.005	0.1			
158.55	158.55		1065975	**Blank**		<0.005	<0.1			
158.55	160.05	1.50	1065976		Grey Altered Gneiss	<0.005	0.1			
160.05	160.70	0.65	1065977		Grey Altered Gneiss	<0.005	<0.1			
160.70	162.00	1.30	1065978		Grey Altered Gneiss	0.009	0.6			
162.00	163.30	1.30	1065979		Grey Altered Gneiss	0.015	1.7			
163.30	164.80	1.50	1065980		Grey Altered Gneiss	0.048	2.4			
164.80	166.30	1.50	1065981		Grey Altered Gneiss	0.151	4.7			
166.30	167.80	1.50	1065982		Grey Altered Gneiss	0.802	11.5			

Charlotte Project
DDH-11-263
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
167.80	168.80	1.00	1065983		Grey Altered Gneiss	0.135	8.7			
168.80	169.80	1.00	1065984		Grey Altered Gneiss	0.144	4.8			
169.80	169.80		1065985	**STD: PM 925**		>10.000	>100.0	11.9		166
169.80	171.30	1.50	1065986	poor recovery	Grey Altered Gneiss	1.112	17.7			
171.30	172.80	1.50	1065987		Grey Altered Gneiss	0.081	3.6			
172.80	174.30	1.50	1065988		Grey Altered Gneiss	0.351	2.2			
174.30	175.35	1.05	1065989	poor recovery	Grey Altered Gneiss	0.057	0.8			
175.35	176.85	1.50	1065990		Grey Altered Gneiss	0.015	0.4			
176.85	178.35	1.50	1065991		Grey Altered Gneiss	<0.005	<0.1			
178.35	179.85	1.50	1065992		Grey Altered Gneiss	0.013	0.3			
179.85	181.35	1.50	1065993		Grey Altered Gneiss	<0.005	0.3			
181.35	182.85	1.50	1065994		Grey Altered Gneiss	0.023	0.3			
182.85	184.10	1.25	1065995		Grey Altered Gneiss	0.160	0.5			
184.10	184.10		1065996	**Blank**		<0.005	<0.1			
184.10	185.35	1.25	1065997		Grey Altered Gneiss	0.075	2.4			
185.35	186.05	0.70	1065998		Grey QFP	0.027	0.2			
186.05	187.55	1.50	1065999		Grey Altered Gneiss	0.017	0.2			
187.55	189.05	1.50	1066000		Grey Altered Gneiss	<0.005	0.6			
189.05	190.80	1.75	1066001		Grey Altered Gneiss	0.451	17.0			
190.80	192.30	1.50	1066002		Grey Altered Gneiss	0.047	0.3			
192.30	193.80	1.50	1066003		Grey Altered Gneiss	0.034	0.3			
193.80	195.30	1.50	1066004		Grey Altered Gneiss	0.781	12.1			
195.30	196.80	1.50	1066005		Grey Altered Gneiss	<0.005	0.1			
196.80	198.20	1.40	1066006		Grey Altered Gneiss	<0.005	0.1			
198.20	199.08	0.88	1066007	poor recovery	Grey Altered Gneiss	0.015	0.3			
199.08	200.60	1.52	1066008		Grey Altered Gneiss	<0.005	0.1			
200.60	200.60		1066009	**STD: PM 436**		0.380	0.2			
200.60	201.70	1.10	1066010		Silica Sericite Altered Gneiss	<0.005	0.1			
201.70	203.10	1.40	1066011		Grey Altered Gneiss	1.088	6.3			
203.10	204.55	1.45	1066012		Grey Altered Gneiss	<0.005	0.2			
204.55	206.00	1.45	1066013		Silica Sericite Altered Gneiss	0.601	2.0			
206.00	207.30	1.30	1066014		Grey Altered Gneiss	<0.005	0.1			
207.30	208.55	1.25	1066015		Silica Sericite Altered Gneiss	0.049	0.6			
207.30	208.55	1.25	1066016	**Duplicate**	Silica Sericite Altered Gneiss	0.063	0.5			
208.55	210.05	1.50	1066017		Grey Altered Gneiss	<0.005	0.1			
210.05	211.55	1.50	1066018		Grey Altered Gneiss	<0.005	0.2			
211.55	213.50	1.95	1066019		Grey Altered Gneiss	0.052	2.5			
213.50	214.55	1.05	1066020		Grey Altered Gneiss	<0.005	0.1			
214.55	216.05	1.50	1066021		Grey Altered Gneiss	<0.005	0.1			
216.05	217.55	1.50	1066022		Grey Altered Gneiss	<0.005	0.2			
217.55	219.00	1.45	1066023		Grey Altered Gneiss	<0.005	<0.1			
219.00	220.55	1.55	1066024		Grey Altered Gneiss	<0.005	0.1			
220.55	222.05	1.50	1066025		Grey Altered Gneiss	<0.005	0.1			
222.05	223.20	1.15	1066026		Grey Altered Gneiss	0.010	0.7			
223.20	224.83	1.63	1066027		Grey Altered Gneiss	<0.005	0.1			
224.83	EOH									

Charlotte Project
DDH-11-264
Drill Log Summary and Cover Sheet

Hole Id:	**DDH-11-264**		
Property:	**Charlotte**	Logged By:	**A. Paquet**
Area:	**Flex Zone**	Date Logged:	**July 24-26, 2011**
Client:	**Ansell Capital Corp.**		

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	**NAD83, Zone 8**		
Easting:	**386757.58 mE**	Azimuth:	**045 ^{0}**
Northing:	**6881765.17 mN**	Dip:	**-50 ^{0}**
Elevation:	**1305.20 m**	Length:	**144.66 m**

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	**386756.8 mE**	Azimuth:	**045 ^{0}**
Northing:	**6881762 mN**	Dip:	**-50 ^{0}**
Elevation:	**1301 m**	Length:	**100 m**

Drilling Information:

Contractor:	**DJ Drilling**
Core Diameter:	**HQ**
Start Date:	**9-Jul-2011**
End Date:	**11-Jul-2011**
Casing In:	**No**
Casing Capped:	**No**
Units:	**Metric**

Hole Objective:
Deep intersection of ore-shoot.

Lithology Summary

From	To	Lith	Comment
0.00	9.15	**OB**	
9.15	12.15	**MGn?**	
12.15	26.30	**MGn**	
26.30	29.10	**Dk**	
29.10	38.73	**MGn**	
38.73	46.10	**Cly-x**	
46.10	56.05	**Gn/Sch**	
56.05	59.60	**Sch**	
59.60	108.84	**Gn/Sch**	
108.84	118.40	**Sch-z/Gn-z**	
118.40	144.66	**QFP**	
144.66		**EOH**	

Hole Summary:
DDH-11-264 collars into highly weathered mafic gneiss after 9.15m of overburden, which becomes less weather at 12.15m and continues to 38.73m. A small dyke from 26.30-29.10m intercepts the mafic gneiss; it has an aphanitic matrix altered by silica and clay with <10% limonite altered phenocrysts. The matrix of the breccia from 38.73-46.10m has been intensely altered to clay with preseverd subangular quartz clasts. The most promising intercept was in this clay breccia from 40.30-41.10m where 7% pyrite stringers and 3% very fine dark-grey sulphides are found. Interfingered gniess and schist occur from 46.10-118.40m, after which a large feldspar-quartz porphyry continues to the end of the hole at 144.66m.

Charlotte Project
DDH-11-264
Detailed Log

Hole Id:	DDH-11-264
Logged By:	AA/pagvet

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization							Alteration												Foliation	Shearing		Fractures		Veins				Brecciation						Upper Contact	Lower Contact
From	To	From	To	Code			Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnlztn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	% Clasts	Rounding	Matrix	% Matrix	Intensity	to CA	Description	to CA	Description
0.00	9.15			CAS	Overburden	CASING																																							
9.15	12.15			MGn?	Limonite altered gneiss	Strong pervasive limonite and moderate alteration by clay obscures most of texture, weak foliation at 50 deg tca suggest this a weathered version of the lithology below. Mostly rubble, extremely soft and friable. No veining or mineralization to speak of. Medium brown.	0	0	0	0	0	0		Medium-brown	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	1	pervasive	50	-	-	many	5	-	-	-	-	-	-	-	-	-	-	-	n/a	start of hole	-	gradual
12.15	26.30			MGn	Mafic gneiss	50% fg biotite up to 10% of it is altered to dark-green chlorite. 30% aphyric quartz leucosomes up to 0.7cm wide. 15% fg feldspar flecks entirely altered to white clay. Accessory muscovite up to 5%, typically fracture controlled. Main fabric generally trends 50 deg tca but varies from 30-70 deg tca, sometimes wispy texture. Almost half of this unit is rubble, with limonite increasing to intense in decimetre scale patches. Dark green. Moderate chlorite and limonite alteration. Trace fracture controlled pyrite. Trace fracture controlled manganese. Weakly schistose and sheared in places, trace folding in leucosomes.	0.1	0	0	0	0	0	fracture controlled	Dark green	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	2	pervasive	50	50	1	many	5	-	-	-	-	-	-	-	-	-	-	-	-	gradual	50	sharp
		19.15	20.15	Sch		~30cm of biotite schist. Mylaitch from blocks 18.9-20.43m.																																							
			24.40			1cm vein trending 40 deg tca contains massive biotite and pyrite, biotite books have been cut perpendicular to the sheet giving it a strange sphalerite like appearance. Biotite is cg, books up to 1cm in diameter.																																								
26.30	29.10			Dk	Felsic dyke	Vfg matrix is white, seems to be mostly quartz with <7% mixed in white clay. 10% phenocrysts are entirely limonite altered and are weakly aligned at 50 deg tca (may have been part of the deformation event that metamorphosed the gneiss, the presence of silica made it more resistant to deformation, contrarily could be low direction). 10% limonite healed fractures are oxidized and have a halo of limonite up to 2cm giving the unit an orangy-pink hue. The unit also has a greenish hue, seemingly weak interstitial chlorite (?). Has 2cm chill margins indicating that this unit is an intrusion into the MGn. 0.5% fg disseminated pyrite, also one discontinuous stringer.	0.5	0	0	0	0	0	disseminate	White	3	0	0	0	0	0	0	3	0	0	0	1	0	0	0	1	pervasive	-	-	-	-	4	50, 175	7	<1mm	healed fractures	lim (oxidation)	-	-	-	-	-	-	50	sharp	50	sharp
29.10	38.73			MGn	Mafic gneiss	Same as 12.15-26.30m.																																								50	sharp	557	clay and rubble
		35.25	38.73	MGn	Limonite altered gneiss	Same as 9.15-12.15m. Rubble transition zone.																																							-	gradual	557	clay and rubble
38.73	46.10			Cly-x	Clay breccia	White and yellow clay matrix consists of up to 90% of this unit. The only mineral that remains is quartz which occurs in two form: rounded phenocrysts <3mm in diameter and sub-angular clasts up to 2cm in diameter. Patches of limonite clay and/or rubble. 3% pyrite overall, varies from 0-5% locally disseminated, on case of a stringer at 30 deg tca. In some patches a fabric is defined by the pyrite dissemination at 50 deg tca. Scattered grey clay decimetre scale patches. Scattered splotches of dark grey, MgO and vfg sulphides.	3	0	0	0	0	0	disseminate	Light greyish white with yellow and orange hues	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	4	patchy	-	-	-	-	-	30	0.1	2mm	stringer	pyrite	qtz	10	SR	clay	90	4	557	clay and rubble		
		40.30	41.10	Cly-x	Mineralized clay breccia	Disseminated pyrite increases to 7%, 3% dark grey vfg sulphide stringers at 130 deg tca and irregular.	7	0	0	0	0	3																																				
			45.45			Trace of sphalerite and scorodite on white clast in breccia, no other clasts like it, probably small vein but rubble and clay obscures nature.																																											
46.10	56.05			Gn/Sch	Limonite altered gneiss and schist	Creamy orange quartz feldspar altered gneiss interlingered with schist, about half of unit is rubble. Moderate white clay alteration and moderate limonite alteration often makes clay brown. Quartz and feldspar are primary fg minerals with feldspar replaced by grains. Seem to be a high grade schist, just on the cusp of when muscovite leaves the system and leuco and melanosomes begin to separate. Lower grade schistose portions have up to 40% muscovite. Foliation at 50 to 60 deg tca. Trace quartz veining, white quartz 1-5vG-16cm wide, often in rubble and usually in line with foliation. Subtle decimetre scale patches of pervasive silica alteration, subtle decimetre scale patches of splotchy sericite alteration. Trace blebby pyrite. Patches have increased mafic minerals (biotite and chlorite, as described below).	0.1	0	0	0	0	0	blebs	Creamy orange	1	1	0	1	0	0	0	3	0	0	0	0	0	0	0	3	pervasive	50-60	-	-	many	4	50-60	0.5	1-5cm	qtz	qtz	-	-	-	-	-	-	50	rubble	50	gradual
			48.25			White quartz rubble assumed to be vein about 5cm wide.																																										
			55.55			Cross-cutting brownish-milky carbonate veins at 120 deg tca.																																										
56.05	59.60			Sch	Biotite schist	Dark green biotite schist, decimetre scale patches altered to green chlorite. Moderately sheared. Small centimetre scale patched of qtz-carbonate stockwork and veins at 50 dtca. Up to 3% pyrite grains. Up to 2% nodules of 1.5mm hematite altered phenocrysts. Main schistosity trends 50 deg tca. Small decimetre scale patches of this are occasionally found in the surrounding Gn/Sch.	1	0	0	0	0	0	blebs	Dark green	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	pervasive	50	50	3	50	4	stockwork	1	<1mm	stockwork	qtz>carb	-	-	-	-	-	-	50	gradual	50	gradual
59.60	108.84			Gn/Sch	Limonite altered gneiss and schist	Same as 46.10-56.05m. Occasionally porphyritic texture, up to 5% phenocrysts of feldspar altered to white clay. Slightly pinkish hue in places, increases downhole, possibly potassic alteration?	0.1	0	0	0	0	0	blebs	Creamy orange	1	1	0	1	0	0	0	3	0	1	0	0	0	0	0	3	pervasive	50-60	-	-	many	4	50-60	0.5	1-5cm	qtz	qtz	-	-	-	-	-	-	50	gradual	-	gradual
		94.10	96.45			Poikiloblastic texture. Sericite altered matrix with irregular poikiloblasts of grey quartz (continuing vfg pyrite) enclosing white carbonate roughly aligned at 50 deg tca. Trace carbonate stringers throughout at 140 deg tca, slightly irregular. Limonite is moderate, occurring in large splotches.	3	0	0	0	0	0	vfg in qtz	Brownish tan	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0	pervasive	-	-	-	50, 140	3	140	0.1	<0.5mm	late?	brownish carb	-	-	-	-	-	-	-	irregular, gradual	-	irregular, gradual
			102.15			1cm massive pyrite vein trends 25 deg tca and contains some irregular clasts of incorporated wall rock. 15cm halo of weak sericite alteration, strong 1mm halo or sericite.																																											
		100.10	103.10			Weak potassic alteration, slightly pinkish colour. Contact zone.																																											
		103.10	105.10	MGn	Biotite rich gneiss	Grey-green gneiss with 35% fg white clay altered feldspars, 50% biotite partially altered to green chlorite, 10% milky white quartz as anastomosing veinlets <1mm-10cm, 5% muscovite. Trace pyrite is usually associated with quartz. Gradual contacts. Trace ankerite stringer, sharp. 1mm, at 25 deg tca.																																											
			102.30			5cm quartz vein generally trends 30 deg tca but edges are not sharp, rather micro-folded. Discontinuous blebby pyrite along contact.																																											
		107.40	108.84	MGn	Biotite rich gneiss	Grey-green gneiss with 35% fg white clay altered feldspars, 55% biotite partially altered to green chlorite, 10% milky white quartz as anastomosing veinlets <1mm-2cm, 5% muscovite. Trace pyrite is usually associated with quartz.																																											
108.84	118.40			Sch-gGn-z	Interlingered gneiss and biotite schist transition zone	Interlingered dark green biotite and chlorite, orangy felsic gneiss and orangy QFP shear zone. Contains patches of rubble, clay, gouge and muscovite schist as described below. Transition zone between Gn and QFP. Moderately sheared and folded. Weak carbonate alteration as trace stingers and interstitial to biotite and chlorite. Rapidly changing and chaotic. Trace mineralization, blebs and vfg diss	0.5	0	0	0	0	0	blebs, diss	Variable	1	0	0	0	0	2	0	0	1	0	0	0	2	0	0	0	1	patchy	various	various	3	-	4	see below					-	-	-	-	-	-	-	gradual	70	interlingered, faulted transition
		108.84	111.95	Sch-z	Biotite Schist	Dark green biotite and chlorite shear zone. Main fabric trends 20 deg tca. Carbonate stringers are broken, one is found trending 60 deg tca. Moderate interstitial carbonate, moderate chlorite alteration, subtle hematite.	0.5	0	0	0	0	0	blebs	Dark green	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	0	0	pervasive	20	20	3	20	5	60	0.5	1mm	stringers/ stockwork	calcite	-	-	-	-	-	-	70	interlingered, faulted transition	-	abrupt, rubble
		111.95	114.87	QFP		A linger of the QFP which starts at 118.40m, but it is moderately silica altered and a orangy white colour. Moderate limonite alteration as 10% stockwork, limonite healing fractures. 50% of this interval is rubble. Possibly weakly altered by potassium.	0.1	0	0	0	0	0	trace	Creamy-orangy white	2	1	0	0	0	0	0	2	0	2	0	0	0	0	1	1	patchy, chaotic	-	-	-	-	3	many	10	<1mm	stockwork	lim	-	-	-	-	-	-	-	abrupt, rubble	110	sharp followed by gouge
		114.87	115.60	Cly-z		Clay and chlorite rubble.	1	0	0	0	0	0	vfg diss	Green and white	0	1	0	2	1	0	0	0	0	0	0	2	0	0	0	2	patchy, chaotic	various	-	-	-	4	-	-	-	-	-	-	-	-	-	-	110	sharp followed by gouge	70	sharp preceded by gouge
		115.60	116.55	Sch		Biotite schist is more competent. Visible crenulations, confirming sheared nature. Trace carbonate stockwork, moderate interstitial carbonate	0.5	0	0	0	0	0	blebs	Dark green	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	0	patchy, chaotic	various	various	3	-	3	many	1	<1mm	stockwork	calcite	-	-	-	-	-	-	70	sharp preceded by gouge	-	gradual
		116.55	118.40	Gn		Begins with chlorite-biotite schist then fades into felsic gneiss with 40% fg clay and 60% moderate sericite and weak chlorite alteration. Wispy appearance. Trace carbonate stockwork. 1% vfg disseminated pyrite, rare clots.	1	0	0	0	0	0	vfg diss	Greenish-yellow	0	0	0	2	1	0	0	1	0	1	0	2	0	0	0	0	patchy, chaotic	various	-	-	-	3	140-150	4	1cm	anastomo sing	clay and kspar?	-	-	-	-	-	-	-	gradual	70	interlingered, faulted transition
			118.30			Pinkish-orange anastomosing vein is fairly soft (~4), possibly clay and k-spar? Generally 1-1.5cm trending 140-150 deg tca, chaotic with 2mm dark-grey silica gn hanging wall.																																										
118.40	144.66			QFP	Feldspar-quartz porphyry	Light grey feldspar quartz porphyry. Aphanitic groundmass is homogeneous, light grey, probably mostly felsic in composition but individual grains are impossible to distinguish with the naked eye. ~5% quartz eyes are 2-3mm and transparent. Feldspar phenocrysts are subangular or rectangular, possibly representing two phases of feldspar; they have been entirely altered to white clay with weak limonite staining, often hollowed out. Groundmass is weakly silicified and sericitized. Phenocrysts are very weakly aligned at 50 deg tca. The alteration of the QFP indicates that it was emplaced either before or during the mineralization event, as the mineralization event contains the same clay-limonite-sericite-silica alteration. The lack of metamorphism in this unit indicates that the Gn/Sch above occurred before the porphyry. 30% of this unit is either clay or rubble. 1% pyrite, blebs in groundmass, thin reaction rims around quartz, trace vfg disseminations.	1	0	0	0	0	0	blebs, reaction rims, vfg diss	Light grey	2	0	0	1	0	0	0	1	0	1	0	0	0	0	0	2	pervasive	-	-	-	many	4	-	-	-	-	-	-	-	-	-	-	-	-	70	interlingered, faulted transition		
		118.40	119.95	QFP-z		Clay gouge starting with biotite chlorite gouge which abruptly changes at 118.85m, 30 deg tca, to the same unit seen from 116.55-118.40m. This gradually fades back into chl-bio gouge until 118.15m where a few sheared dark grey clay(?) lenses trend 80 deg tca mark the start of white clay rubble. This white clay continues to 119.95m, after which we see QFP rubble. It is difficult to pinpoint exactly where the QFP starts, it is interlingered with the biotite schist in this fault zone.	0.1	0	0	0	0	0	vfg diss in patches	Green to white	0	3	0	0	2	0	0	0	0	0	0	2	0	0	0	3	patchy	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	70	interlingered, faulted transition	-	gradual, gouge
144.66				EOH																																										

Charlotte Project
DDH-11-264
Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field	Comments
20.5	6.25	224.7	247.2	-49.3	28771	erroneous removed from interpretation
30.5	9.30	10.8	33.3	-49.2	78255	erroneous removed from interpretation
40.5	12.35	20.6	43.1	-49.2	59605	erroneous removed from interpretation
50.5	15.40	22.1	44.6	-49.3	58653	
60.5	18.45	21.7	44.2	-49.5	57624	
70.5	21.49	22.2	44.7	-49.4	58067	
80.5	24.54	19.4	41.9	-49.5	57670	
90.5	27.59	18.4	40.9	-49.7	57822	
100.5	30.64	20.6	43.1	-49.7	57767	
110.5	33.69	21.8	44.3	-50.0	57343	
120.5	36.74	20.5	43.0	-50.1	57735	
130.5	39.79	20.2	42.7	-49.8	57953	
140.5	42.84	19.9	42.4	-50.0	57939	
150.5	45.88	20.1	42.6	-50.3	57726	
160.5	48.93	19.8	42.3	-50.7	57688	
170.5	51.98	18.8	41.3	-50.6	57840	
180.5	55.03	20.3	42.8	-50.6	57799	
190.5	58.08	19.2	41.7	-50.7	57696	
200.5	61.13	19.5	42.0	-50.9	57951	
210.5	64.18	19.3	41.8	-50.4	58067	
220.5	67.23	19.6	42.1	-51.6	57795	
230.5	70.27	18.1	40.6	-51.3	57896	
240.5	73.32	17.9	40.4	-51.4	57631	
250.5	76.37	18.7	41.2	-51.4	57945	
260.5	79.42	19.2	41.7	-51.5	57766	
270.5	82.47	18.1	40.6	-51.6	57604	
280.5	85.52	17.5	40.0	-51.5	57641	
290.5	88.57	18.3	40.8	-51.7	57943	
300.5	91.62	19.3	41.8	-51.9	57881	
310.5	94.66	18.7	41.2	-51.9	57811	
320.5	97.71	18.0	40.5	-52.2	57694	
330.5	100.76	17.3	39.8	-52.2	57634	
340.5	103.81	17.9	40.4	-52.5	57938	
350.5	106.86	18.5	41.0	-52.6	57902	
360.5	109.91	17.9	40.4	-52.5	57858	
370.5	112.96	16.7	39.2	-52.7	57556	
380.5	116.01	19.0	41.5	-52.8	57668	
390.5	119.05	16.7	39.2	-52.6	57717	
400.5	122.10	16.4	38.9	-52.8	57669	
410.5	125.15	17.1	39.6	-53.0	57776	
420.5	128.20	16.4	38.9	-53.1	57564	
430.5	131.25	17.5	40.0	-52.8	57864	
440.5	134.30	15.8	38.3	-53.1	57722	
450.5	137.35	16.0	38.5	-53.3	57771	
460.5	140.40	17.4	39.9	-53.3	57861	

Charlotte Project
DDH-11-264
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PM	GM/T	GM/T	GM/T
9.15	9.15		1066028	**Blank**		<0.005	<0.1			
9.15	10.65	1.50	1066029	poor recovery	Limonite Altered Gneiss	0.022	0.2			
10.65	12.15	1.50	1066030		Limonite Altered Gneiss	0.021	<0.1			
12.15	13.65	1.50	1066031		Mafic Gneiss	0.028	<0.1			
13.65	15.15	1.50	1066032		Mafic Gneiss	0.009	<0.1			
15.15	16.65	1.50	1066033		Mafic Gneiss	0.011	<0.1			
16.65	18.15	1.50	1066034		Mafic Gneiss	0.013	<0.1			
18.15	20.15	2.00	1066035	mislatch	Mafic Gneiss	0.009	<0.1			
20.15	21.15	1.00	1066036		Mafic Gneiss	<0.005	<0.1			
21.15	22.65	1.50	1066037		Mafic Gneiss	0.014	0.1			
22.65	22.65		1066038	**STD: PM 925**		>10.000	>100.0	11.4		168
22.65	24.00	1.35	1066039		Mafic Gneiss	0.093	0.1			
24.00	25.10	1.10	1066040		Mafic Gneiss	0.017	<0.1			
25.10	26.30	1.20	1066041		Mafic Gneiss	0.010	<0.1			
26.30	27.60	1.30	1066042		Felsic Dyke	<0.005	<0.1			
27.60	29.10	1.50	1066043		Felsic Dyke	<0.005	<0.1			
29.10	30.65	1.55	1066044		Mafic Gneiss	0.038	<0.1			
30.65	32.15	1.50	1066045		Mafic Gneiss	0.024	<0.1			
32.15	33.70	1.55	1066046		Mafic Gneiss	<0.005	<0.1			
33.70	35.25	1.55	1066047		Mafic Gneiss	<0.005	<0.1			
33.70	35.25	1.55	1066048	**Duplicate**	Mafic Gneiss	<0.005	<0.1			
35.25	36.10	0.85	1066049		Limonite Altered Gneiss	0.034	0.8			
36.10	38.73	2.63	1066050	poor recovery	Limonite Altered Gneiss	0.332	6.7			
38.73	40.30	1.57	1066051		Clay Breccia	0.395	2.5			
40.30	41.10	0.80	1066052		Mineralized Clay Breccia	0.127	1.4			
41.10	42.35	1.25	1066053		Clay Breccia	0.019	0.8			
42.35	43.60	1.25	1066054		Clay Breccia	0.038	1.9			
43.60	44.82	1.22	1066055		Clay Breccia	1.638	4.8			
44.82	46.10	1.28	1066056		Clay Breccia	0.414	2.9			
46.10	47.60	1.50	1066057		Limonite Alt Gneiss & Schist	0.130	1.0			
47.60	47.60		1066058	**STD: PM 436**		0.420	0.2			
47.60	49.10	1.50	1066059	poor recovery	Limonite Alt Gneiss & Schist	0.423	4.2			
49.10	50.60	1.50	1066060	poor recovery	Limonite Alt Gneiss & Schist	0.208	3.0			
50.60	52.10	1.50	1066061	poor recovery	Limonite Alt Gneiss & Schist	0.031	0.8			
52.10	53.60	1.50	1066062		Limonite Alt Gneiss & Schist	0.008	0.2			
53.60	54.80	1.20	1066063		Limonite Alt Gneiss & Schist	0.006	0.5			
54.80	56.05	1.25	1066064		Limonite Alt Gneiss & Schist	0.011	0.3			
56.05	57.55	1.50	1066065		Biotite Schist	0.011	0.5			
57.55	58.55	1.00	1066066		Biotite Schist	0.006	0.1			
58.55	59.60	1.05	1066067		Biotite Schist	0.005	<0.1			
59.60	59.60		1066068	**Blank**		<0.005	<0.1			
59.60	61.10	1.50	1066069		Limonite Alt Gneiss & Schist	0.007	<0.1			
61.10	62.60	1.50	1066070		Limonite Alt Gneiss & Schist	0.009	<0.1			
62.60	64.10	1.50	1066071		Limonite Alt Gneiss & Schist	<0.005	<0.1			
64.10	65.60	1.50	1066072		Limonite Alt Gneiss & Schist	0.020	0.9			
65.60	67.10	1.50	1066073	poor recovery	Limonite Alt Gneiss & Schist	0.006	<0.1			
67.10	68.60	1.50	1066074	poor recovery	Limonite Alt Gneiss & Schist	<0.005	<0.1			
68.60	71.90	3.30	1066075	poor recovery	Limonite Alt Gneiss & Schist	0.021	0.7			
71.90	73.10	1.20	1066076		Limonite Alt Gneiss & Schist	0.357	2.8			
73.10	74.60	1.50	1066077		Limonite Alt Gneiss & Schist	<0.005	<0.1			
74.60	74.60		1066078	**STD: PM 925**		>10.000	>100.0	11.5		165
74.60	76.10	1.50	1066079	poor recovery	Limonite Alt Gneiss & Schist	<0.005	<0.1			
76.10	77.60	1.50	1066080		Limonite Alt Gneiss & Schist	<0.005	<0.1			
77.60	79.10	1.50	1066081		Limonite Alt Gneiss & Schist	0.005	0.2			
79.10	80.60	1.50	1066082		Limonite Alt Gneiss & Schist	<0.005	<0.1			
80.60	82.30	1.70	1066083	poor recovery	Limonite Alt Gneiss & Schist	0.009	0.1			
82.30	86.60	4.30	1066084	poor recovery	Limonite Alt Gneiss & Schist	<0.005	0.2			
86.60	88.70	2.10	1066085	poor recovery	Limonite Alt Gneiss & Schist	0.008	0.9			
88.70	90.20	1.50	1066086	poor recovery	Limonite Alt Gneiss & Schist	<0.005	<0.1			
90.20	91.15	0.95	1066087	poor recovery	Limonite Alt Gneiss & Schist	<0.005	<0.1			
90.20	91.15	0.95	1066088	**Duplicate**	Limonite Alt Gneiss & Schist	<0.005	<0.1			
91.15	92.15	1.00	1066089	poor recovery	Limonite Alt Gneiss & Schist	<0.005	<0.1			
92.15	94.10	1.95	1066090	poor recovery	Limonite Alt Gneiss & Schist	<0.005	<0.1			
94.10	95.25	1.15	1066091		Limonite Alt Gneiss & Schist	<0.005	<0.1			
95.25	96.45	1.20	1066092		Limonite Alt Gneiss & Schist	<0.005	0.1			

Charlotte Project
DDH-11-264
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PM	GM/T	GM/T	GM/T
96.45	97.95	1.50	1066093		Limonite Alt Gneiss & Schist	<0.005	<0.1			
97.95	99.45	1.50	1066094		Limonite Alt Gneiss & Schist	0.016	0.6			
99.45	100.95	1.50	1066095		Limonite Alt Gneiss & Schist	<0.005	0.3			
100.95	102.25	1.30	1066096		Limonite Alt Gneiss & Schist	<0.005	<0.1			
102.25	103.10	0.85	1066097		Limonite Alt Gneiss & Schist	<0.005	<0.1			
103.10	103.10		1066098	**STD: PM 436**		0.414	0.2			
103.10	104.10	1.00	1066099		Biotite Rich Gneiss	<0.005	<0.1			
104.10	105.10	1.00	1066100		Biotite Rich Gneiss	<0.005	<0.1			
105.10	106.00	0.90	1066101		Limonite Alt Gneiss & Schist	0.854	0.2			
106.00	107.40	1.40	1066102		Limonite Alt Gneiss & Schist	<0.005	<0.1			
107.40	108.84	1.44	1066103		Biotite Rich Gneiss	<0.005	<0.1			
108.84	110.40	1.56	1066104		Biotite Schist	<0.005	<0.1			
110.40	111.95	1.55	1066105		Biotite Schist	<0.005	<0.1			
111.95	113.40	1.45	1066106		Feldspar Quartz Porphyry	<0.005	0.2			
113.40	114.87	1.47	1066107		Feldspar Quartz Porphyry	<0.005	<0.1			
114.87	114.87		1066108	**Blank**		<0.005	<0.1			
114.87	115.60	0.73	1066109		Gouge	0.005	<0.1			
115.60	116.55	0.95	1066110		Biotite Schist	<0.005	<0.1			
116.55	117.50	0.95	1066111		Altered Gneiss	<0.005	<0.1			
117.50	118.40	0.90	1066112		Altered Gneiss	0.011	<0.1			
118.40	119.95	1.55	1066113		Feldspar-Quartz Porphyry	0.007	0.5			
119.95	121.40	1.45	1066114		Feldspar-Quartz Porphyry	0.010	0.7			
121.40	122.90	1.50	1066115		Feldspar-Quartz Porphyry	0.010	1.1			
122.90	124.40	1.50	1066116		Feldspar-Quartz Porphyry	0.008	1.2			
124.40	125.90	1.50	1066117		Feldspar-Quartz Porphyry	0.017	1.7			
125.90	125.90		1066118	**STD: PM 925**		>10.000	>100.0	11.5		165
125.90	127.40	1.50	1066119		Feldspar-Quartz Porphyry	0.006	1.7			
127.40	128.90	1.50	1066120		Feldspar-Quartz Porphyry	0.019	0.6			
128.90	130.40	1.50	1066121		Feldspar-Quartz Porphyry	0.010	0.9			
130.40	131.90	1.50	1066122	poor recovery	Feldspar-Quartz Porphyry	<0.005	0.7			
131.90	133.40	1.50	1066123	poor recovery	Feldspar-Quartz Porphyry	0.011	0.4			
133.40	134.90	1.50	1066124	poor recovery	Feldspar-Quartz Porphyry	<0.005	0.4			
134.90	136.40	1.50	1066125		Feldspar-Quartz Porphyry	<0.005	0.3			
136.40	137.90	1.50	1066126		Feldspar-Quartz Porphyry	<0.005	0.7			
137.90	139.40	1.50	1066127		Feldspar-Quartz Porphyry	<0.005	0.2			
137.90	139.40	1.50	1066128	**Duplicate**	Feldspar-Quartz Porphyry	<0.005	0.3			
139.40	140.90	1.50	1066129		Feldspar-Quartz Porphyry	<0.005	0.2			
140.90	142.40	1.50	1066130		Feldspar-Quartz Porphyry	<0.005	0.2			
142.40	143.90	1.50	1066131		Feldspar-Quartz Porphyry	<0.005	0.4			
143.90	144.66	0.76	1066132		Feldspar-Quartz Porphyry	<0.005	0.4			
144.66	EOH									

Charlotte Project
DDH-11-265
Drill Log Summary and Cover Sheet

Hole Id:	**DDH-11-265**		
Property:	**Charlotte**	Logged By:	**A. Paquet**
Area:	**Flex Zone**	Date Logged:	**Jul 27 - Aug 1, 2011**
Client:	**Ansell Capital Corp.**		

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	**NAD83, Zone 8**		
Easting:	**386637.11 mE**	Azimuth:	**075 °**
Northing:	**6881968.23 mN**	Dip:	**-65 °**
Elevation:	**1355.20 m**	Length:	**189.79 m**

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	**386637 mE**	Azimuth:	**075 °**
Northing:	**6881967 mN**	Dip:	**-65 °**
Elevation:	**1365 m**	Length:	**200 m**

Drilling Information:

Contractor:	**DJ Drilling**
Core Diameter:	**HQ**
Start Date:	**11-Jul-2011**
End Date:	**15-Jul-2011**
Casing In:	**No**
Casing Capped:	**No**
Units:	**Metric**

Hole Objective:

25m step-out W of DDH-10-251 (on section 6882000).

Hole Summary:

DDH-11-265 collars into faulted gneiss that is rich in quartz and biotite. From 24.40-55.30m the core alternates between intense limonite alteration and fault gouge. Mafic gneiss is observed from 55.30-101.10m and is frequently faulted. Below this the host lithology is intersected, averaging 3% pyrite, disseminated and in stringers; 101.10-131.90m is a faulted and brecciated gneiss moderately to strongly altered by sericite, clay and silica. A 15cm vein at 107.65m contains 15% pyrite and trace galena being engulfed by 7% red hematite. From 131.90-140.85m a hydrothermal breccia is intersected, strongly bleached, vuggy and silicified. A promising section from 135.35-136.57m contains a few ~10cm quartz-sulphide veins bearing semi-massive pyrite, lesser quantities of galena, arsenopyrite and sphalerite, as well as green scorodite alteration. The basement from 140.85-189.79m (end of hole) is a pluton with potassic and propylitic alteration assemblages, consisting of interfingered megacrystic granodiorite bearing feldspar and biotite, a quartz-chlorite rich intrusive and lesser fine grained mafic gneiss.

Lithology Summary

From	To	Lith	Comment
0.00	6.10	**OB**	
6.10	24.40	**Gn-z**	
24.40	30.80	**Alt?-z**	
30.80	35.05	**FZ**	
35.05	52.40	**Alt?-z**	
52.40	55.30	**FZ**	
55.30	66.30	**MGn-z**	
66.30	71.65	**FZ**	
71.65	101.10	**MGn-z**	
101.10	116.60	**Gn-x**	
116.60	123.80	**Gn-xz**	
123.80	128.60	**Gn-x**	
128.60	131.90	**Gn-xz**	
131.90	140.85	**BX**	
140.85	159.35	**?**	
159.35	171.75	**Grd**	
171.75	175.40	**MGn**	
175.40	178.96	**FZ**	
178.96	187.50	**MGn**	
187.50	189.79	**Grd**	
189.79		**EOH**	

Charlotte Project
DDH-11-265
Detailed Log

Hole Id:	DDH-11-265
Logged By:	A. Paquet

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization							Alteration											Foliation	Shearing		Fractures		Veins					Brecciation				Upper Contact		Lower Contact	
From	To	From	To	Code			Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	%Vn	Width	Type	Minerals	Clasts	%Clasts	Rounding	Matrix	%Matrix	Intensity	to CA	Description	to CA	Description
0.00	6.10			CAS	Overburden	CASING																																								
6.10	24.40			Gn-z	Quartz-biotite gneiss	Grey and brown quartz-biotite gneiss. 70% quartz and 30% biotite on average, well defined foliation trends 50 deg tca, biotite melanosomes are discontinuous and often wavy, quartz leucosomes occasionally contain remnant phenocrysts 2-4mm in diameter. Slightly different compositionally from gneiss seen so far this year, probably slightly different protolith but same deformation event. Moderate ilmonite alteration gives biotite a orange-brown colour and rock preferentially fractures along these soft, weathered melanosomes. Trace specular hematite, primary accessory mineral. This unit is strongly weathered with trace interstitial epidote alteration, weak chlorite give rock a greenish hue in patches. Frequently rubble, schist or gouge as described below. Scattered quartz veining, 1% total, white quartz, 1-8cm usually in line with foliation. Trace 130 deg tca white carbonate veinlets <4mm. No mineralization to speak of. Hairline fractures oblique to foliation at no preferred orientation make up to 5% of this unit and are healed by limonite.	0	0	0	0	0	0	-	Grey and brown with greenish hue	0	0	0	0	1	0	0	3	0	0	0	2	0	1	0	0	patchy	50	-	-	many	4	50	1	1-8cm	qtz	white qtz	-	-	-	-	-	-	n/a	start of hole	50	grades over 1cm
		6.10	6.25			Boulders, cave in. No sample.																																								
		14.15	16.75	Gn-z	Intense limonite alteration	Rubbly, intensely limonite altered, decimetre scale patches of limonite gouge.	0	0	0	0	0	0	-	Grey and brown with greenish hue	0	0	0	0	1	0	0	5	0	0	0	0	0	0	0	0	patchy	50	-	-	many	5	-	-	-	-	-	-	-	-	-	-	-	gradual	-	gradual
		22.00	22.15	Vn	Quartz vein	Rubbly quartz vein, true width probably only about 8cm. Upper contact is sharp at 35 deg tca, lower is sharp at 70 deg tca.																																							35	sharp	70	sharp
		22.90	23.50			Pinkish orange zone of moderate potassic alteration. 1% specular blebs of hematite engulfing trace pyrite. <50% white quartz, colour could be caused by moderate ilmonite which heals 10% fractures along with carb, it seems more likely that the quartz is mixed with k-spar, primary or secondary? Upper contact at 110 deg tca is cross cut by a limonite healed fracture at 50 deg tca in line with foliation of surrounding gneiss.	0.1	0	0	0	0	0	in hem	Pinkish orange	2	0	0	0	1	0	0	2	1	3	0	0	0	0	0	0	0	pervasive	-	-	-	50	3	many	10	hairline	filled fractures	lim-carb	-	-	-	-	-	-	110	sharp	50	sharp
24.40	30.80			Alt?-z	Intense limonite alteration	Orangey-brown gneiss with moderate to intense limonite alteration. Competent portions are interlingered limonite altered rock and biotite schist (patches of <80cm, about 10% of the unit). The limonite altered competent rock is so intensely weathered that the composition and texture are nearly impossible to distinguish, it is very soft (3). The somewhat platy appearance of some of the rubble indicated that this rock is likely a metasediment unlike the gneiss above, whose remnant phenocrysts suggest a metavolcanic nature. Up to 20% muscovite is preserved in patches. Subtle to moderate interstitial carbonate is patchy, possibly ankerite and calcite?. Hairline fractures are chaotic, about 5% overall, up to 10% locally, healed by carbonate, manganese and seldom pyrite. Trace anastomosing quartz-carbonate veinlets, no more than 3cm but often doesn't even penetrate whole core. Biotite schist has granular appearance, also very soft and limonite altered and contains equal parts biotite and carbonate. Weak patchy manganese oxide staining on fractures.	0.1	0	0	0	0	0	hairline fractures	Orangey-brown	0	0	0	0	2	0	1	5	0	0	0	0	0	0	0	0	pervasive	-	-	-	many	4	-	1	<3cm	anastomosing	qtz-carb	-	-	-	-	-	-	50	grades over 1cm	-	gradual
		24.90				Anastomosing quartz-ankerite veinlet a few mm wide mingled with limonite, MgO and to a lesser degree biotite. Spans about 15cm but does not penetrate whole core.																																									
		29.15	29.30			Semi-massive oxidation, purple colour, metallic lustre, wispy texture, trending 10 deg tca ~4cm true width.																																									
30.80	35.05			FZ	Limonite and biotite gouge	Platy gouge, brown. Pulverized version of host.	0	0	0	0	0	0	blebs	Orangey-brown	0	0	0	0	1	0	1	5	0	0	0	0	0	0	0	0	pervasive	-	-	-	many	5	?	0.1	4mm	sharp	carb	-	-	-	-	-	-	-	gradual	-	sharp, end of run
35.05	52.40			Alt?-z	Intense limonite alteration	Continuation of 24.40-30.80m. For 1m near approaching contact, 10% flecks of white clay are observed.	0	0.1	0	0	0	0		Orangey-brown	0	0	0	0	2	0	1	5	0	0	0	0	0	0	0	1	pervasive																		-	sharp, end of run	-	sharp, non-planar
		36.00	36.20	Alt-x	Brecciated	50% angular white carbonate rich clasts, 50% limonite matrix. Moderately transported.																																								
		39.50	44.10	FZ	Limonite and biotite gouge	Pulverised limonite gouge and biotite schist rubble. Moderate oxidation on rubble fractures.	0	0	0	0	0	0		Orangey-brown	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	pervasive	-	-	-	many	5	-	-	-	-	-	-	-	-	-	-	-	rubble	50	sharp
		44.10	45.35	Sch	Biotite-schist	Competent, slightly harder (~4) dark-grey biotite schist, main fabric trending 50 deg tca. 65% biotite and 35% interstitial white clay. 0.5% anastomosing quartz veinlets, 1cm wide. 0.5% calcite stringers at 130 deg tca. Trace pyrite blebs. 1% irregular hairline fractures healed by limonite.	0.1	0.1	0	0	0	0	blebs	Dark-grey	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	pervasive	50	-	-	35, 125	3	130	1	1mm or 1cm	-	cal or qtz	-	-	-	-	-	-	50	sharp	60	sharp
		45.15				Hairline fracture at 45 deg tca filled with unknown soft creamy mineral, discontinuous oxidation halo. 0.5x1cm clot of arsenopyrite in hanging wall.																																									
		46.35	46.55	FZ		Pulverised limonite gouge. Contains a crushed calcite veinlet, width unknown.	0	0	0	0	0	0		Orangey-brown	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	pervasive	-	-	-	many	5	?	0.5	?	crushed	cal	-	-	-	-	-	-	60	sharp	-	rubble
		46.55	46.80	Sch	Biotite-schist	Competent, slightly harder (~4) dark-grey biotite schist. 65% biotite and 35% interstitial white clay.	0	0	0	0	0	0		Dark-grey	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	pervasive	50	-	-	45	3	-	-	-	-	-	-	-	-	-	-	-	rubble	-	abrupt
52.40	55.30			FZ	Brown and grey fault gouge	Brown and grey pulverized fault gouge, intensely altered by limonite and clay. 10% pulverized biotite on average, 0-10% small flecks of white clay (<0.5mm). 0.5% broken up white carbonate veinlets, presumed to be ~4mm wide. Weak to moderate interstitial carbonate is patchy, probably mostly calcite.	0	0	0	0	0	0		Brown and grey	0	0	0	0	3	0	1	4	0	0	0	0	0	0	0	0	patchy	-	-	-	-	5	?	0.5	~4mm	crushed	cal	-	-	-	-	-	-	-	sharp, non-planar	-	sharp, non-planar
55.30	66.30			MGn-z	Frequently faulted mafic schistose gneiss	Frequently faulted biotite-rich mafic schistose gneiss. Contains decimetre to meter scale patches of the altered rock found from 35.05-52.40m. Dark-grey and brown. <50% biotite, <20% quartz, up to 10% muscovite, <30% white clay. Typically fg and sheared/foliated at 20 to 40 deg tca. Weak formation of leucosomes in a few meter scale patches, as described below. Up to 5% hairline fractures healed by ilmonite, no preferred orientation, could be considered weak crackle. Trace pyrite found in ilmonite healed fractures. 0-20% <0.5mm flecks of interstitial white clay. 1% white carbonate veinlets, 1-3mm wide, often enveloped with hairline ilmonite, occasionally in line with foliation, otherwise oblique at no preferred orientation. Occasionally <2cm offset of texture by hairline fractures. Subtle chlorite alteration is patchy. No to weak manganese in fractures, often percolating.	0.1	0	0	0	0	0	in fractures	Dark -grey and brown	0	0	0	0	1	0	0	3	0	0	0	0	2	0	0	0	patchy	20-40	-	-	-	4	30, etc	1	1-3mm	veinlets	white carb (cal)	sch	95	AG	lim	<5	1	-	broken	-	broken
		56.15	56.85	FZ		Brown gouge, similar to 52.40-55.30m.																																								
		56.85	57.20	Alt		Same as 35.05-52.40m.																																					40	1cm carb vein	40	sharp
			58.25			4cm true width, 7cm apparent width, sharply different section of light gray clay trending 40 deg tca, spiotchy altered by limonite especially at contacts, sandwiched in 30cm of biotite rich gouge on either side.																																								
		61.35	66.30			Weak, patchy development of quartz leucosomes.																																								
		61.45	61.55			Weakly developed quartz leucosomes cross-cut and offset a carbonate stringer at 150 deg tca by ~0.5cm, possibly indicating that carbonate alteration phase occurred before final the stage of metamorphism.																																								
			63.20			Two 0.5cm irregular white quartz veinlets trending generally 10 deg tca are 5cm apart and have a 1cm siliceous and chlorite halos. They are offset by a few mm by limonite healed fractures.																																								
		64.80	65.15	Alt		Same as 35.05-52.40m.																																								
66.30	71.65			FZ	Limonite gouge	Dark brown pulverized fault gouge, intensely altered by limonite and clay. 10% pulverized biotite on average, 0-10% small flecks of white clay (<0.5mm). Moderately oxidative, sometimes banded at 30 deg tca. Trace amounts of calcite.	0	0	0	0	0	0		Dark brown	0	0	0	0	1	0	0	4	0	0	0	0	0	0	0	2	patchy	-	-	-	-	5	?	0.5	~4mm	crushed	cal	-	-	-	-	-	-	-	broken	20	broken
		67.50	67.90			50% light-muddy grey coloured veining, seems to be a grey quartz vein overprinted by sericite alteration, 0.5-7cm. Anastomosing, generally at 90 deg tca. Patchy hardness 4-7. Wiavy texture over 5cm, truncated by fracture slip, evidence of ductile deformation which eventually reached a failure envelope and deformed brittly.																																								
71.65	101.10			MGn-z	Frequently faulted schistose mafic gneiss and gouge	Continuation of 55.30-66.30m. 70% faulted gouge and/or rubble, patchy moderate ilmonite alteration. Subtle sericite alteration towards base of unit.	0.5	0	0	0	0	0	in fractures	Dark -grey and brown	0	0	0	0	1	0	0	3	0	0	0	3	0	0	0	2	patchy	20-40	-	-	-	4	30, etc	1	1-5mm	veinlets	white carb (cal)	-	-	-	-	-	-	20	broken	40	0.45cm fault
			71.65			Dendritic manganese percolates from contact fracture.																																								
		71.65	72.75			Minimal biotite. Patchy alteration by moderate ilmonite, silica and sericite. 2% pyrite, evenly space blebs in patches of increased sericite and silica alteration. First 10cm of 15cm is same as 35.05-52.40m. Weak manganese in fractures.	2	0	0	0	0	0	diss blebs	White, grey and orangey-brown	3	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0	patchy																50	slickenside		
		76.20	78.35	FZ		Grey and brown pulverized gouge.																																							
		78.35	83.65			Weak development of quartz leucosomes, could be logged as MGn.																																							
			84.75			~4cm vein of white qtz>carb, with pyrite clots <5mm. True width and direction unknown, found in rubble.																																							
		85.75	91.30	FZ	Dark grey gouge	Dark grey gouge. Pulverized biotite, some muscovite, weak chlorite. 1% carbonate and carbonate>qartz veinlets, broken up in rubble. 1% disseminated pyrite.	1	0	0	0	0	0	diss	Dark grey	0	0	0	0	2	0	0	0	0	0	0	3	0	0	0	0	pervasive	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	gradual	-	gradual
		91.30	96.10			Gouge, fragments and rubble of MGn-z. Sericite and manganese often found on fracture planes.	0.5	0	0	0	0	0	diss	Dark grey	0	0	0	0	2	2	0	0	0	0	0	3	0	0	0	0	fractures	30-40	-	-	-	-	many	10	1mm-18cm	qtz or carb	qtz, carb, py	MGn	95	AG	MgO	5	1	-	gradual	-	gradual
		94.55	94.75	Vn	Quartz vein	Milky-grey quartz vein at 60 deg tca, fracture runs through the center at 5 deg tca and is caked with manganese. Crackle brecciated by hairline fractures, 1mm around these fracture is a milky white colour, probably due to reflection of light through fracture planes. Large clot of pyrite line some of these fractures in the upper few cm of the vein, 3% of interval.	3	0	0	0	0	0	clots	Milky-grey																			-	-	-	-	-	60	100	18cm	qtz	qtz, py, MgO	-	-	-	-	-	-	-	broken	60	sharp
			96.30			1.2cm true width quartz vein in line with foliation, in biotite rich section. Carries a few py blebs, cross-cut by two later stage carbonate stringers.																																							
		96.95	97.65			Moderate development of quartz leucosomes, foliation changes from parallel tca to perpendicular tca over 10cm, evidence of folding.																																							
		97.65	98.45			Strongly silicified patch. 70% remnant quartz phenocrysts ~4mm have indistinct grain boundaries, 10% interstitial fg mafics, likely biotite, 15% interstitial fg muscovite. Weak, pervasive sericite and chlorite give rock a greenish-yellow hue. Light grey. Faintly crackle brecciated, infilled with sericite.																																							
		99.60	101.10	FZ		Same as 85.75-91.30m. One sericite slickenside at 99.95m.																																							
101.10	116.60			Gn-x	Crackle brecciated sericite gneiss	Tan and light grey crackle brecciated gneiss, host lithology. Foliation has no preferred orientation, often truncated by cracks which forms gneissic clasts on the decimetre to meter scale. Crackle texture shows moderate rotation of clasts; hairline cracks make up no more than 5% of unit and are filled with sericite, ilmonite and/or pyrite (and to a lesser degree carbonate). Strong sericite alteration obliterates original mineralogy but defines leucosomes which are occasionally anastomosing/foliated/wispy, suggesting ductile deformation. The ductile deformation likely occurred before the crackle brecciation which was either synchronous or pre-sericite alteration (inferred from the presence of sericite in some cracks). 10% fine grained pyrite is strongly clustered, usually along cracks and foliation, weakly disseminated throughout, occasionally has a dendritic texture. Subtly albitized and chloritized. Trace irregular quartz veins, white, <4cm wide.	10	0	0.1	0	0	0	fg clusters	Tan and light grey	0	0	0	0	4	0	0	0	0	1	0	0	0	1	0	0	1	1	wispy	many	-	-	many	3	-	0.1	<4cm	irregular	qtz	Gn	>95	AG	ser, lim, py (carb)	<5	2	40	0.45cm fault	-	broken, grades over 30cm
		101.10	103.30	FZ		Contact. Fault gouge is altered by white moderate white clay and sericite and weak chlorite. It contains 40%, poorly sorted, subrounded quartz clasts. Weak fabric observed trending 40 deg tca. Weak hematite at 100.10m. This interval in reality only measures 0.45cm, quite a bit of core has been lost from 100.91-103.67m, most of it seemingly at the lower boundary of this zone.																																							
			104.05			15cm of white and orange gouge. 50% coconut white montmorillonite, 30% ilmonite, 20% quartz clasts.																																							
			107.65			Zone of 7% red hamatite engulfing 1% galena. Vuggy, sericite altered. 15% fg clustered pyrite. 50 deg tca, true width 15cm, apparent width 17cm.	15	0	1	0	0	0	fg clusters																																			
		113.80	114.00			40% white clay and 30% quartz in a stockwork of 15% ilmonite and 10% py blebs.																																							
		115.15	115.65			Boudinaged pyrite stringer with continuous sericite envelope at 5 deg tca, wavy, 3mm wide.																																							
116.60	123.80			Gn-xz	Faulted brecciated gneiss	Faulted, clay altered version of the above Gn-x. Preserved chunks of rock are angular, 1mm-4cm in diameter. Weak hematite alteration. Sericite alteration is moderate here because it has been overprinted by strong clay.	10	0	0.1	0	0	0	fg clusters	Light grey and tan	0	0	0	3	0	0	0	1	1	0	0	0	0	0	0	3	wispy	many	-	-	many	3	-	-	-	-	-	Gn	>95	AG	ser, lim, py (carb)	<5	2	-	broken, grades over 30cm	-	broken, gradual
		117.50	118.20			50% dark grey patches which contain 40% semi-massive pyrite (much of it has been pulverized), 5% galena fg and chunks ~3mm wide. The sulphides are mixed in with clay.	20	0	3	0	0	0	fg and chunks	Dark-grey																																			
		122.25	123.80			Moderate limonite alteration, py drops to 5%. 1% qtz veinlets, broken up, bearing pyrite.																																							
123.80	128.60			Gn-x	Crackle brecciated sericite gneiss	Continuation of 101.7-116.6m. Chlorite increases to weak. Foliation generally trends 70 deg tca.	10	0	0.1	0	0	0	fg clusters	Tan and light grey	0	0	0	4	0	0	0	1	0	0	0	2	0	0	1	1	wispy	70	-	-	many	3	-	0.1	1cm	irregular	qtz	Gn	>95	AG	ser, lim, py (carb)	<5	2	-	broken, gradual	40	slickenside
128.60	131.90			Gn-xz	Faulted brecciated gneiss, could be called FZ	Strongly bleached and altered by white clay, moderate hematite alteration. Moderately developed foliation trends 70 deg tca, commonly fractured/ faulted in this direction. Highly incompetent rock due to bleaching and faulting. No original mineralogy is intact. White with grey and pink.15% pyrite occurs as vg bands along foliation, 1mm wide and discontinuous, also occurs as blebs and as a weak crackle texture. Weak sericite alteration in bands and as weak crackle texture.	15	0	0	0	0	0	banded, blebs	White with grey and pink	0	4	0	2	0	0	0	3	0	0	0	0	0	0	0	4	banded	70	-	-	70	5	-	-	-	-	-	Gn	98	AG	ser, py	2	1	40	slickenside		
131.90	140.85			BX	Hydrothermal breccia	Strongly bleached, vuggy and silica washed. Original texture and mineralogy has been obliterated by intense washing by hydrothermal fluids, which also caused brecciation. Polymictic, clasts are poorly sorted, subangular to subrounded, composition is patchy, described below. Generally fairly competent.																																												gradual	-	abrupt, non-planar (end of run, suspect)
		131.90	132.80	BX		35% clasts are poorly sorted, subangular to subrounded, soft (~4), pinkish orange colour, white streak, possibly sericite weakly altered by hematite. 5% clasts of grey-quartz, seem to contain vg sulphide impurities. Tan-white matrix consist of sericite, yellow clay and white clay. 2% pyrite as coarse blebs within clasts, usually near edge of clast. Vugs are stained with limonite and yellow clay.	2	0	0	0	0	1	blebs	Tan-white with pinkish-orange clasts	1	3	0	4	0	0	0	0	1	0	0	0	0	0	0	2	brecciated	-	-	-	10	3	-	-	-	-	-	ser-hem, sil-sulph	40	SA-SR	ser-clay	60	5	-	gradual	-	gradual
		132.80	133.75	BX		30% of matrix is tan-white consisting of sericite, yellow clay and white clay; 30% of matrix is dark grey consisting of silica and vfg sulphides. Weak hematite outlines many vugs and cracks within matrix. 20% clasts are same pinkish-orange clasts described above and 20% dark-grey silica with vfg disseminate sulphides. 4% pyrite blebs often focused in vugs. Trace galena, chalcopyrite and bornite. Sulphur smell when broken with hammer.	4	0	0.1	0	0.1	3	blebs	Tan-white, pinkish-orange clasts, and dark grey FSx-qtz	3	1	0	2	0	0	0	0	2	0	0	0	0	0	0	1	brecciated	-	-	-	10	3	-	-	-	-	-	ser-hem, sil-sulph,	40	SA-SR	ser-clay	60	5	-	gradual	-	gradual
		133.75	134.85	BX		Style of brecciation changes significantly. 5% crackle matrix of sericite, with angular clasts of soft (~4), pinkish orange, white streak, sericite weakly altered by hematite. 10% discontinuous stockwork and veinlets of white and grey quartz containing pyrite and vfg sulphides (3% overall), discontinuous halos up to 3mm of same composition. Vuggy, weak limonite sometimes in vugs.	2	0	0	0	0	1	in crackle/ veinlets	Tan-grey	2	1	1	3	0	0	0	2	2	0	0	0	0	0	0	1	brecciated	-	-	-	30	3	-	10	<4mm	crackle w/ halo	qtz, py, sulph	ser-hem	95	SA	ser	5	1	-	gradual	-	gradual
			134.85	FZ		4cm of white clay gouge at 40 deg tca.																																								
		134.85	140.85	BX		Chaotic brecciation, mixture of the three styles described above. Tan, yellow and grey. 10% pyrite disseminated in matrix and in trace late stage stringers?																																											gradual	-	gradual
		135.35	135.60	SXVn		50% veins, slightly irregular, generally trending 45 deg tca and 3-7cm in width. Composed of silica and semi-massive sulphides; 20% pyrite clusters, 3% sphalerite, 0.5% galena, 5% vfg unknown sulphides (probably py and gal). Moderate alteration by white clay (montmorillonite) and green scorodite. Strong smell of sulphur.	20	0	0.5	3	0	5	veining	Dark grey and tan	3	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0																					
		136.45	136.57	SXVn		~12cm sulphide vein, true width unknown but <4.5cm. Sharp, upper contact at 25 deg tca, broken immeasurable lower contact. 50% dark grey, hard mineral, vfg, presumed to be quartz with a high degree of sulphide impurities. 20% fg clustered pyrite, 3% arsenopyrite. 15% white-translucent quartz. 10% green scorodite. Bound by white clay.	20	3	0	0	0	10	veining	Dark grey	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		131.60	140.85			Somewhat rubbly. Scattered surfaces are limonite altered.																																								
140.85	159.35			?	Altered intrusive	Medium greenish grey with tan patches. Propylitic alteration phase begins. 0-40% remnant quartz phenocrysts, 2-5mm in diameter, indistinct grain boundaries, suggests intrusive nature. 0-10% <0.5mm flecks of chlorite or hematite. Moderate chlorite makes up 40% of this interval, in fractures and replacing minerals. Weak chlorite stockwork, occasionally sericite healed fractures. Weak epidote epidote. Moderate silica and chlorite, weak hematite and epidote, subtle to moderate occurring in meter scale patches. Texture changes frequently from foliated to crackle brecciated to a slightly more evolved breccia with a 10% chlorite matrix no more than a few mm wide and slight rotation of subangular quartz clasts. Mineral assemblage alternates between quartz-rich and chlorite-rich patches. 1% pyrite is fracture controlled, blebs and mg disseminated cubes. 1% quartz veining, several angles, <1cm wide, occasionally offset a few mm by cracks.	1	0	0	0	0	0	blebs, cubes, fracture controlled	Medium greenish-grey with patches of tan	3	0	0	2	0	0	0	3	0	0	0	0	0	0	0	0	patchy	-	-	-	50,60,130	3	-	1	<1cm	veinlets	qtz	qtz	97	SA	chl	3	1	-	abrupt, non-planar (end of run, suspect)	-	interlingered, meter scale
						Contacts at 140.85m (primary) and 152.70m (secondary) are suspect. The rock changes significantly from the end of one run to the start of the next and the core does not fit together. Contacts are likely in the general vicinity (a a few feet) but nature of the contacts is unknown.																																								
		142.90	143.30			Small patch with moderately developed quartz leucosomes, foliated at 20 deg tca.																																								
		148.90	150.20	FZ		Green and tan rubble and gouge. Weakly clay and sericite altered, weak hematite on fracture planes. Same compostion as surrounding but increase to 3% fg disseminated pyrite.	3	0	0	0	0	0	fg diss	Green and tan																																			
		151.50	152.70	FZ		Green and tan rubble and gouge. Weakly clay and sericite altered, weak hematite on fracture planes. 1% fg disseminated pyrite.	1	0	0	0	0	0	fg diss	Green and tan																																			
		153.15	154.30	Gd		Megacrystic granodiorite with sharp upper contact at 5 deg tca, possibly dyke, possibly enclave. Must have occurred at elevated temperatures because there are no chill margins. 30% quartz phenos <5mm, 20% interstitial quartz. 50% <1mm flecks of biotite and chlorite. (More likely to be diorite, called Gd for consistency's sake)	0.1	0	0	0	0	0	fg diss	Medium-dark-grey																																	5	sharp	-	succeeded by fault gouge
		154.30	154.60	FZ		Dark-green chlorite rich fault gouge.																																								
		154.60	156.25			Strong sericite alteration, moderate crackle brecciation by chlorite pyrite and silica, chlorite is known to be later stage because it cross cuts qtz-py crackle. Phenocrystic texture preserved.																																								
			155.30			Trending 130 deg tca, a 3cm patch of rotated, 30% angular clasts are dark green and hard, probably silica and chlorite. These clasts are in a matrix of granular quartz, sericite and white clay. Not mineralized.																																								
		156.25	159.35			Potassic alteration (?) phase begins. Weak sericite is patchy, moderate patchy chlorite. Generally same texture and composition as the rest of this intrusive body but there are now 15% phenocrysts of pink k-spar 0.7-1.5cm in diameter with indistinct grain boundaries. This body displays a meter scale interlingered contact with the Grd below.																																								
159.35	171.75			Gd		Megacrystic medium grey granodiorite. 40% 0.5-1cm white phenocrysts, hardness ~5, probably feldspar. 10% k-spar (weak), altering these phenocrysts, also in interstitial spotches. 35% <1mm flecks of biotite weakly altered by chlorite. 10% interstitial translucent quartz varies from white to grey. 3% interstitial epidote. 1% quartz veinlets trending 130 deg tca, 2mm, grey-translucent quartz, occasionally associated with hematite and pyrite flecks along the contacts, post potassic alteration. One qtz veinlet is 1cm trending 70 deg tca and is partially altered to k-spar. Trace pyrite overall. Intrusive rock, does not have any significant metamorphic characteristics. Hematite occasionally found on fractures.	0.5	0	0	0	0	0	with qtz veinlets	Medium grey	2	0	0	0	0	0	0	0	1	2	0	2	0	1	0	0	pervasive	-	-	-	50, 140	3	130	1	2mm	qtz	qtz, hem, py	-	-	-	-	-	-	-	interlingered, meter scale	-	interlingered over about 30 cm
		166.31	166.40		Sand	Start of run, 30cm of sand. Excess recovery in this run, sand layer is probably only a few inches thick but swelled to 30cm due to water from drilling (not sandy portion was NOT measure in the RQD recovery section of this log). Seems to be a small fault. Non-planar contacts. Sampled separately as 0.9cm, but true width is very uncertain (definitely <30cm).																																								
171.75	175.40			MGn	Dark green mafic gneiss	Dark green, fine grained, chlorite-rich malic extrusive foliated at 30 deg tca defined by weakly to moderately developed quartz leucosomes. Subtle spiotchy epidote and sericite, occasionally mixed. 1% white carbonate veinlets and stringers

Charlotte Project
DDH-11-265
Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field	Comments
32.5	9.91	181	203.5	-65.2	85399	erroneous removed from interpretation
42.5	12.96	53	75.5	-65.2	59528	
52.5	16.01	51.5	74	-65.2	58105	
62.5	19.05	52.1	74.6	-65.2	57806	
72.5	22.10	51.6	74.1	-65.3	57696	
82.5	25.15	51.5	74	-65.3	57543	
92.5	28.20	50.8	73.3	-65.4	57602	
102.5	31.25	52	74.5	-65.4	57606	
112.5	34.30	52.3	74.8	-65.7	57585	
122.5	37.35	53.1	75.6	-65.6	57625	
132.5	40.40	51.1	73.6	-65.4	57497	
142.5	43.45	54.6	77.1	-66.0	57613	
152.5	46.49	52.1	74.6	-65.6	57604	
162.5	49.54	50.9	73.4	-65.4	57472	
172.5	52.59	51	73.5	-65.7	57478	
182.5	55.64	51.1	73.6	-65.8	57500	
192.5	58.69	52.9	75.4	-65.5	57576	
202.5	61.74	51	73.5	-65.6	57481	
212.5	64.79	53.1	75.6	-65.7	57582	
222.5	67.84	51.7	74.2	-65.6	57494	
232.5	70.88	52	74.5	-65.6	57491	
242.5	73.93	52.3	74.8	-65.9	57570	
252.5	76.98	51.7	74.2	-66.3	57517	
262.5	80.03	51.2	73.7	-66.0	57507	
272.5	83.08	50.4	72.9	-66.0	57413	
282.5	86.13	50.4	72.9	-65.9	57478	
292.5	89.18	51.5	74	-66.3	57535	
302.5	92.23	50.3	72.8	-66.2	57474	
312.5	95.27	50.8	73.3	-66.0	57459	
322.5	98.32	49.8	72.3	-66.1	57387	
332.5	101.37	49.7	72.2	-66.2	57436	
342.5	104.42	49.2	71.7	-66.1	57413	
352.5	107.47	49.2	71.7	-66.2	57446	
362.5	110.52	51.3	73.8	-66.2	57549	
372.5	113.57	49.3	71.8	-66.2	57458	
382.5	116.62	51.7	74.2	-66.1	57564	
392.5	119.66	51.9	74.4	-66.1	57598	
402.5	122.71	49.6	72.1	-66.2	57473	
412.5	125.76	50.2	72.7	-66.1	57510	
422.5	128.81	51.3	73.8	-66.2	57570	
432.5	131.86	49.4	71.9	-66.5	57497	
442.5	134.91	49	71.5	-66.3	57470	
452.5	137.96	51	73.5	-66.3	57509	
462.5	141.01	49.3	71.8	-66.5	57446	
472.5	144.05	50.1	72.6	-66.6	57536	
482.5	147.10	49.4	71.9	-66.5	57472	
492.5	150.15	49.3	71.8	-66.4	57491	
502.5	153.20	50.8	73.3	-66.3	57460	
512.5	156.25	49.4	71.9	-66.5	57432	
522.5	159.30	51.2	73.7	-66.3	57556	
532.5	162.35	52.2	74.7	-65.8	57651	
542.5	165.40	49.8	72.3	-66.5	57543	
552.5	168.45	49.5	72	-66.4	57514	

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Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field	Comments
562.5	171.49	50.4	72.9	-66.3	57528	
572.5	174.54	50	72.5	-66.3	57498	
582.5	177.59	51.7	74.2	-66.5	57570	
592.5	180.64	49.3	71.8	-66.8	57565	
602.5	183.69	51.4	73.9	-66.5	57509	

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Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
6.25	6.25		1066133	**Blank**		<0.005	<0.1			
6.25	9.00	2.75	1066134	poor recovery	Quartz-Biotite Gneiss	0.008	<0.1			
9.00	10.50	1.50	1066135		Quartz-Biotite Gneiss	<0.005	<0.1			
10.50	11.75	1.25	1066136		Quartz-Biotite Gneiss	<0.005	<0.1			
11.75	14.15	2.40	1066137	poor recovery	Quartz-Biotite Gneiss	0.008	<0.1			
14.15	15.55	1.40	1066138		Intense Limonite Alteration	<0.005	<0.1			
15.55	16.75	1.20	1066139		Intense Limonite Alteration	0.017	<0.1			
16.75	18.25	1.50	1066140		Quartz-Biotite Gneiss	<0.005	<0.1			
18.25	19.75	1.50	1066141		Quartz-Biotite Gneiss	<0.005	<0.1			
19.75	21.25	1.50	1066142		Quartz-Biotite Gneiss	<0.005	<0.1			
21.25	21.25		1066143	**STD: PM 925**		>10.000	>100.0	11.4		171
21.25	22.90	1.65	1066144		Contains Qtz Vein	<0.005	0.1			
22.90	24.40	1.50	1066145		Quartz-Biotite Gneiss	0.010	<0.1			
24.40	25.75	1.35	1066146		Intense Limonite Alteration	0.005	<0.1			
25.75	27.20	1.45	1066147		Intense Limonite Alteration	<0.005	<0.1			
27.20	28.70	1.50	1066148		Intense Limonite Alteration	<0.005	0.1			
28.70	29.75	1.05	1066149		Intense Limonite Alteration	<0.005	<0.1			
29.75	30.80	1.05	1066150		Intense Limonite Alteration	<0.005	<0.1			
30.80	32.30	1.50	1066151		Slaty Brown Fault	0.012	<0.1			
32.30	33.80	1.50	1066152		Slaty Brown Fault	<0.005	<0.1			
32.30	33.80	1.50	1066153	**Duplicate**	Slaty Brown Fault	0.007	<0.1			
33.80	35.05	1.25	1066154	poor recovery	Slaty Brown Fault	<0.005	<0.1			
35.05	36.55	1.50	1066155		Brecciated	<0.005	<0.1			
36.55	38.41	1.86	1066156	poor recovery	Brecciated	<0.005	<0.1			
38.41	39.50	1.09	1066157		Intense Limonite Alteration	0.009	<0.1			
39.50	41.34	1.84	1066158	poor recovery	Limonite & Biotite Gouge	0.019	0.1			
41.34	43.00	1.66	1066159	poor recovery	Limonite & Biotite Gouge	0.116	0.2			
43.00	44.10	1.10	1066160		Limonite & Biotite Gouge	0.062	0.2			
44.10	45.35	1.25	1066161		Biotite Schist	2.828	0.2			
45.35	46.80	1.45	1066162	poor recovery	Limonite & Biotite Gouge	0.133	<0.1			
46.80	46.80		1066163	**STD: PM 436**		0.412	0.2			
46.80	48.30	1.50	1066164		Intense Limonite Alteration	0.029	<0.1			
48.30	49.80	1.50	1066165	poor recovery	Intense Limonite Alteration	0.079	2.0			
49.80	51.10	1.30	1066166		Intense Limonite Alteration	0.017	<0.1			
51.10	52.40	1.30	1066167		Intense Limonite Alteration	0.008	0.2			
52.40	53.85	1.45	1066168		Brown & Grey Fault Gouge	0.010	<0.1			
53.85	55.30	1.45	1066169		Brown & Grey Fault Gouge	0.064	<0.1			
55.30	56.85	1.55	1066170		Mafic Schistose Gneiss	0.028	0.2			
56.85	58.35	1.50	1066171		Mafic Schistose Gneiss	0.022	0.1			
58.35	59.85	1.50	1066172		Mafic Schistose Gneiss	0.130	<0.1			
59.85	59.85		1066173	**Blank**		<0.005	<0.1			
59.85	61.35	1.50	1066174		Mafic Schistose Gneiss	0.032	<0.1			
61.35	62.65	1.30	1066175		Mafic Schistose Gneiss	0.023	<0.1			
62.65	63.95	1.30	1066176		Mafic Schistose Gneiss	0.019	<0.1			
63.95	65.15	1.20	1066177		Mafic Schistose Gneiss	0.014	<0.1			
65.15	66.30	1.15	1066178		Mafic Schistose Gneiss	<0.005	<0.1			
66.30	67.90	1.60	1066179		Limonite Gouge	0.005	<0.1			
67.90	69.00	1.10	1066180		Limonite Gouge	0.007	<0.1			
69.00	70.30	1.30	1066181		Limonite Gouge	0.020	<0.1			
70.30	71.65	1.35	1066182		Limonite Gouge	0.023	<0.1			
71.65	71.65		1066183	**STD: PM 925**		>10.000	>100.0	11.4		163
71.65	72.75	1.10	1066184		Mafic Schistose Gneiss	0.008	<0.1			
72.75	74.25	1.50	1066185		Mafic Schistose Gneiss	0.175	<0.1			
74.25	75.75	1.50	1066186		Mafic Schistose Gneiss	0.524	0.2			
75.75	77.00	1.25	1066187		Mafic Schistose Gneiss	0.105	7.0			
77.00	78.35	1.35	1066188	poor recovery	Mafic Schistose Gneiss	0.038	0.1			
78.35	79.85	1.50	1066189		Mafic Schistose Gneiss	0.047	0.1			
79.85	81.15	1.30	1066190		Mafic Schistose Gneiss	0.021	0.3			
81.15	83.20	2.05	1066191	poor recovery	Mafic Schistose Gneiss	0.024	<0.1			
83.20	84.70	1.50	1066192		Mafic Schistose Gneiss	0.143	<0.1			
83.20	84.70	1.50	1066193	**Duplicate**	Mafic Schistose Gneiss	0.076	<0.1			
84.70	85.85	1.15	1066194		Mafic Schistose Gneiss	0.093	<0.1			
85.85	87.25	1.40	1066195	poor recovery	Dark Grey Gouge	0.057	<0.1			
87.25	88.75	1.50	1066196	poor recovery	Dark Grey Gouge	0.014	<0.1			
88.75	91.30	2.55	1066197	poor recovery	Dark Grey Gouge	0.035	<0.1			

Charlotte Project
DDH-11-265
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
91.30	93.90	2.60	1066198	poor recovery	Mafic Schistose Gneiss	<0.005	<0.1			
93.90	94.70	0.80	1066199		Contains 18cm Qtz Vein	0.005	<0.1			
94.70	94.70		1066200	**Blank**		<0.005	<0.1			
94.70	96.10	1.40	1066201		Mafic Schistose Gneiss	<0.005	<0.1			
96.10	97.65	1.55	1066202		Mafic Schistose Gneiss	<0.005	<0.1			
97.65	98.45	0.80	1066203		Mafic Schistose Gneiss	<0.005	<0.1			
98.45	99.60	1.15	1066204		Mafic Schistose Gneiss	<0.005	<0.1			
99.60	101.10	1.50	1066205		Mafic Schistose Gneiss	<0.005	<0.1			
101.10	103.85	2.75	1066206	poor recovery	Crackle Bx Sericite Gneiss	0.005	<0.1			
103.85	105.15	1.30	1066207		Crackle Bx Sericite Gneiss	0.020	0.1			
105.15	106.45	1.30	1066208		Crackle Bx Sericite Gneiss	0.099	0.2			
106.45	107.85	1.40	1066209		Contains Trace Galena	0.239	7.8			
107.85	109.35	1.50	1066210		Crackle Bx Sericite Gneiss	0.045	1.6			
109.35	110.80	1.45	1066211		Crackle Bx Sericite Gneiss	0.057	1.3			
110.80	112.25	1.45	1066212		Crackle Bx Sericite Gneiss	0.071	1.4			
112.25	112.25		1066213	**STD: PM 436**		0.393	0.2			
112.25	113.70	1.45	1066214		Crackle Bx Sericite Gneiss	0.117	3.0			
113.70	115.15	1.45	1066215		Crackle Bx Sericite Gneiss	0.109	1.8			
115.15	116.60	1.45	1066216		Crackle Bx Sericite Gneiss	0.134	1.0			
116.60	117.45	0.85	1066217		Faulted Brecciated Gneiss	0.205	3.9			
117.45	118.25	0.80	1066218		Faulted Brecciated Gneiss	2.323	>100.0	2.4		181
118.25	118.25		1066219	**Blank**		<0.005	0.3			
118.25	119.55	1.30	1066220		Faulted Brecciated Gneiss	0.584	13.9			
119.55	120.85	1.30	1066221		Faulted Brecciated Gneiss	0.448	5.2			
120.85	122.25	1.40	1066222		Faulted Brecciated Gneiss	0.266	1.5			
122.25	122.25		1066223	**STD: PM 925**		>10.000	>100.0	11.1		173
122.25	123.80	1.55	1066224		Faulted Brecciated Gneiss	0.116	1.9			
123.80	125.00	1.20	1066225		Crackle Bx Sericite Gneiss	0.088	1.8			
125.00	126.23	1.23	1066226		Crackle Bx Sericite Gneiss	0.006	0.3			
126.23	127.40	1.17	1066227		Crackle Bx Sericite Gneiss	<0.005	0.2			
127.40	128.60	1.20	1066228		Crackle Bx Sericite Gneiss	0.025	0.3			
128.60	129.70	1.10	1066229		Faulted Bx Gneiss (FZ)	0.122	1.5			
129.70	130.80	1.10	1066230		Faulted Bx Gneiss (FZ)	0.113	3.1			
130.80	131.90	1.10	1066231		Faulted Bx Gneiss (FZ)	0.408	2.1			
131.90	132.80	0.90	1066232		Hydrothermal Breccia	0.031	1.4			
132.80	133.75	0.95	1066233		Hydrothermal Breccia	0.672	32.3			
132.80	133.75	0.95	1066234	**Duplicate**	Hydrothermal Breccia	0.069	20.4			
133.75	133.75		1066235	**Blank**		<0.005	<0.1			
133.75	134.95	1.20	1066236		Hydrothermal Breccia	0.137	5.2			
134.95	136.20	1.25	1066237		Contains Sulphide Veining	1.098	19.6			
136.20	137.75	1.55	1066238		Contains 12cm Sx-Vein	1.430	23.3			
137.75	137.75		1066239	**Blank**		<0.005	<0.1			
137.75	139.30	1.55	1066240		Hydrothermal Breccia	1.307	12.0			
139.30	140.85	1.55	1066241		Hydrothermal Breccia	0.121	1.0			
140.85	140.85		1066242	**Blank**		<0.005	<0.1			
140.85	142.10	1.25	1066243		Altered Intrusive	<0.005	0.2			
142.10	143.40	1.30	1066244		Altered Intrusive	<0.005	0.1			
143.40	144.50	1.10	1066245		Altered Intrusive	<0.005	<0.1			
144.50	145.90	1.40	1066246		Altered Intrusive	<0.005	<0.1			
145.90	147.40	1.50	1066247		Altered Intrusive	<0.005	<0.1			
147.40	148.90	1.50	1066248		Altered Intrusive	<0.005	<0.1			
148.90	150.20	1.30	1066249		Altered Intrusive	<0.005	<0.1			
150.20	151.50	1.30	1066250		Altered Intrusive	0.026	0.1			
151.50	152.70	1.20	1066251		Altered Intrusive	<0.005	<0.1			
152.70	153.15	0.45	1066252		Altered Intrusive	<0.005	<0.1			
153.15	153.15		1066253	**STD: PM 436**		0.411	0.2			
153.15	154.60	1.45	1066254		Fault and Granodiorite	<0.005	<0.1			
154.60	156.25	1.65	1066255		Altered Intrusive	<0.005	<0.1			
156.25	157.80	1.55	1066256		Altered Intrusive	<0.005	<0.1			
157.80	159.35	1.55	1066257		Altered Intrusive	<0.005	<0.1			
159.35	160.80	1.45	1066258		Granodiorite	<0.005	<0.1			
160.80	162.30	1.50	1066259		Granodiorite	<0.005	0.2			
162.30	163.80	1.50	1066260		Granodiorite	<0.005	<0.1			
163.80	165.00	1.20	1066261		Granodiorite	<0.005	<0.1			
165.00	166.31	1.31	1066262		Granodiorite	<0.005	<0.1			

Charlotte Project
DDH-11-265
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
165.00	166.31	1.31	1066263	**Duplicate**	Granodiorite	<0.005	<0.1			
166.31	166.40	0.09	1066264		30 cm of Sand (see log)	0.094	17.2			
166.40	167.80	1.40	1066265		Granodiorite	<0.005	<0.1			
167.80	169.00	1.20	1066266		Granodiorite	<0.005	<0.1			
169.00	170.20	1.20	1066267		Granodiorite	<0.005	<0.1			
170.20	171.45	1.25	1066268		Granodiorite	<0.005	<0.1			
171.45	172.70	1.25	1066269		Dark Green Mafic Gneiss	<0.005	<0.1			
172.70	174.10	1.40	1066270		Dark Green Mafic Gneiss	0.005	<0.1			
174.10	175.40	1.30	1066271		Dark Green Mafic Gneiss	0.010	0.3			
175.40	176.60	1.20	1066272		Faulted Mafic Gneiss	<0.005	0.1			
176.60	176.60		1066273	**STD: PM 925**		>10.000	>100.0	11.2		163
176.60	177.44	0.84	1066274		Faulted Mafic Gneiss	<0.005	0.2			
177.44	178.96	1.52	1066275	poor recovery	Faulted Mafic Gneiss	0.013	0.2			
178.96	181.00	2.04	1066276	poor recovery	Rubble	0.008	0.1			
181.00	182.00	1.00	1066277		Altered, Contains FZ	0.404	93.6			
182.00	183.35	1.35	1066278		Dark Green Mafic Gneiss	0.024	0.3			
183.35	184.70	1.35	1066279		Dark Green Mafic Gneiss	<0.005	0.2			
184.70	186.10	1.40	1066280		Dark Green Mafic Gneiss	0.010	0.2			
186.10	187.50	1.40	1066281		Dark Green Mafic Gneiss	<0.005	0.1			
187.50	188.65	1.15	1066282		Granodiorite	<0.005	<0.1			
188.65	188.65		1066283	**Blank**		<0.005	<0.1			
188.65	189.79	1.14	1066284		Granodiorite	<0.005	<0.1			
189.79	EOH									

Charlotte Project
DDH-11-266
Drill Log Summary and Cover Sheet

Hole Id: **DDH-11-266**
Property: **Charlotte**
Area: **Flex Zone**
Client: **Ansell Capital Corp.**

Logged By: **A. Paquet**
Date Logged: **August 2-4, 2011**

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	NAD83, Zone 8		
Easting:	386611.54 mE	Azimuth:	075 ^{0}
Northing:	6882054.10 mN	Dip:	-50 ^{0}
Elevation:	1361.81 m	Length:	160.98 m

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	386614 mE	Azimuth:	078 ^{0}
Northing:	6882057 mN	Dip:	-50 ^{0}
Elevation:		Length:	150 m

Drilling Information:

Contractor:	DJ Drilling
Core Diameter:	HQ
Start Date:	15-Jul-2011
End Date:	19-Jul-2011
Casing In:	No
Casing Capped:	No
Units:	Metric

Hole Objective:
25m step-out west of DDH-94-223.

Lithology Summary

From	To	Lith	Comment
0.00	3.05	OB	
3.05	3.50	OB	
3.50	14.55	Gd	
14.55	24.15	BGn	
24.15	30.30	MGn	
30.30	37.00	BGn	
37.00	45.70	BGn	
45.70	63.25	Gd	
63.25	72.20	BGn-z	
72.20	75.50	Gd	
75.50	101.10	Gd/Gn	
101.10	110.52	MGn	
110.52	121.00	Gd	
121.00	160.98	Gd/MGn	
160.98		EOH	

Hole Summary:
Interfingered granodiorite and gneiss. The granodiorite contains megacrystic quartz and feldspar and ranges from unaltered to moderately silica altered. The gneiss varies from mafic to bleached, and is affected by several alteration phases, phyllic to chloritic. The textures suggest that the granodiorite was emplaced after the gneiss, and was soon followed by intrusive mafic swarms (possibly magma mixing due to pulse of less evolved magma at depth). The intrusion brought with it the phyllic alteration phase carrying sulphides. Two narrow black siliceous veinlets are found at 69.50m and 78.25m, likely contains very fine unknown sulphide. From 143.55-143.75m, hematite and chlorite gouge contain 10% disseminated sphalerite and galena, and at 145.80m a 5mm vein contains sphalerite and pyrite.

Charlotte Project
DDH-11-266
Detailed Log

Hole Id:	DDH-11-266
Logged By:	A. Paquet

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization							Alteration											Foliation	Shearing		Fractures		Veins				Brecciation				Upper Contact		Lower Contact	
From	To	From	To	Code			Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	%Vn	Width	Type	Minerals	Clasts	%Clasts	Rounding	Matrix	%Matrix	Intensity	to CA	Description	to CA	Description
0.00	3.05			OB		Casing, overburden.																																							
3.05	3.50			OB		Boulders from OB.																																								
3.50	14.55			Gd	Granodiorite	Orange, white and grey megacrystic granodiorite. 60% phenocrysts of milky-white mineral, 0.5-1cm in diameter, feldspars, altered to clay in varying degrees, slightly to completely. 20% quartz phenocrysts, 1-4mm, grey-white, well preserved. Grain boundaries of these felsic minerals fade into one another slightly and are generally defined by 20% fg interstitial mafics, dark green chlorite often altered by weak manganese and/or hematite. Trace cubic pyrite. Much of this interval is rubble. Clay alteration varies from weak to strong, weakly bleached overall. Subtle interstitial epidote. Moderate patchy limonite. One irregular quartz vein is about 4cm wide, milky white, limonite stained contacts. Poor recovery at the top of this hole introduces error into depth measurements.	0.1	0	0	0	0	0	cubic	Orange, white and grey	0	2	0	0	0	0	0	3	2	0	0	2	0	1	0	3	patchy	-	-	-	many	4	-	0.1	4cm	irregular	qtz	-	-	-	-	-	-	n/a	start of hole	-	rubble
14.55	24.15			BGn	Limonite bleached gneiss	Orange-white strongly bleached and limonite altered gneiss. 25% medium grained quartz phenocrysts are ~1mm in diameter, the only preserved primary mineral. Grains are moderately aligned at 35 deg tca but can vary from 10-70 deg tca, evidence of more than one direction of stress and folding. 5-10% dendritic manganese percolating from <0.5mm fractures, no preferred orientation. Remaining 65% is aphyric white clay and/or limonite, likely replacing feldspars. Limonite is strong, splotchy, heals fractures and occasionally defines undulating foliation. No mineralization to speak of. Trace quartz veinlet 1cm wide trending 25 deg tca with ~1mm branching offshoots 30 and 45 deg tca, milky white to grey, crystalline. Subtle chlorite appears in last meter or so. Much of this unit is rubble.	0	0	0	0	0	0		Orange-white	0	4	0	0	0	0	0	4	0	0	0	0	0	0	0	3	splotchy	35	-	-	30, 120	4	25	0.1	1cm	branching	qtz	-	-	-	-	-	-	-	rubble	-	patchy gradation to 23.45m
24.15	30.30			MGn	Intermediate-mafic gneiss	Dark greenish grey f-mg intermediate-mafic gneiss. 50% biotite and 50% quartz grains from 0.5-1mm. Weakly developed quartz leucosomes trend 0-30 deg tca. Moderate chlorite alteration giving greenish hue, weak pervasive sericite alteration causing irregular fracture planes. Large rectangular lithic fragments are incorporated; 3x70m yellowy white opaque aphyric quarts with 1-2mm biotite aligned in the same direction as the outside gneissic foliation, cross-cut and offset by ~1cm by hematite stringers, minor rotation; 4x5cm fragment of epidote, 0.5% stringers (<0.5mm) at 50-70 deg tca of limonite, hematite or calcite. Weak pervasive silica alteration. No mineralization to speak of.	0	0	0	0	0	0		Dark greenish grey	2	0	0	1	1	0	0	2	1	0	0	3	0	2	0	0	pervasive, stringers	0-30	-	-	30, 70, 100	4	50-70	0.1	<0.5mm	stringers	lim, hem or calc	-	-	-	-	-	-	-	patchy gradation	40	sharp, followed by 10cm of gouge
		24.15	26.90			Rubble.																																						
30.30	37.00			BGn	Limonite bleached gneiss	Similar to 14.55-24.15m. Deeper brown colour is due to moderate manganese associated with strong limonite alteration. MgO is no longer dendritic. Moderately developed limonite stockwork gives unit a chaotic appearance.	0	0	0	0	0	0		Deep orangey brown	0	3	0	0	0	0	0	4	0	0	0	0	0	0	0	2	intense and chaotic	-	-	-	-	4	-	-	-	-	-	BGn	85	AG	limv/MgO	15	1	40	sharp	-	suspect, ends don't match well
		30.30	31.71			Rubble, contains some MGn.																																						
37.00	45.70			BGn	Bleached gneiss	White gneiss with splotches of brown limonite. Limonite is moderate, increases to strong in decimetre scale patches, occurs on fractures and as irregular splotchy stains. 25% medium grained quartz phenocrysts are ~1mm in diameter, the only preserved primary mineral. 65% feldspars entirely altered to aphyric white clay (montmorillonite). 0-10% dendritic manganese. About 25% of this unit is rubble. Weakly developed white-translucent quartz stockwork. Foliation has been almost entirely overprinted and seems to vary in orientation. Not mineralized.	0	0	0	0	0	0		White with splotches of brown	0	4	0	0	0	0	0	3	0	0	0	0	0	0	0	4	pervasive	-	-	-	-	3.5	-	0.5	<0.5mm	stockwork	qtz	-	-	-	-	-	-	-	suspect, ends don't match well	-	gradual, rubble
45.70	63.25			Gd	Bleached granodiorite	Creamy brownish-orange. Same alteration package as the BGn above, but quartz phenocrysts increase to coarse grained ~3-4mm in diameter. All minerals other than quartz have been overprinted and altered to white clay, limonite and occasionally sericite. Moderate pervasive limonite, bleaching and clay. Weak sericite. 0-5% dendritic manganese percolating from fracture planes, weakly developed stockwork. Up to 3% pyrite locally as 2-5mm blebs, seem to be a replacement product. Weak grain alignment at varying orientations, commonly at 50 deg tca, some faint evidence of folding. Some decimetre scale patches have subtle chlorite, others have subtle k-spar (could be limonite disseminated in quartz but that seem unlikely)	1	0	0	0	0	0	blebs	Creamy brownish orange	0	3	0	2	0	0	0	3	0	1	0	1	0	0	0	3	pervasive, patchy	-	-	-	-	3	-	-	-	-	-	Gd	>95	AG	MgO	<5	1	-	gradual, rubble	-	gradual, rubble
		45.70	51.22			Rubble of BGn and Gd, transition zone.																																						
		59.90	63.25			Rubble of BGn and Gd, transition zone.																																						
63.25	72.20			BGn-z	Bleached gneiss	Clay gouge and silica washed bleached gneiss. Patchy texture, changes every 30-100cm, interfingered patches of limonite bleached gneiss (same as 14.55-24.25m), strongly silicified MGn, and white clay and lim gouge/rubble. Trace pyrite blebs.	0.1	0	0	0	0	0	blebs	Orange, white and grey	2	3	1	0	0	0	0	3	0	0	0	0	0	0	0	3	patchy	-	-	-	-	4	50	0.5	2.5cm	mineralized	black qtz, scor	-	-	-	-	-	-	-	gradual, rubble	-	rubble
		66.60	69.25	FZ		White clay stained orange by limonite. A bit of grey rubble is also presents, possibly silica with vfg diss sulphides.																																						
		69.25	69.70			Intensely silicified section. Moderately wiggy. Has slight greenish-blue hue, not sure which alteration mineral this is (most likely fuchsite). Weakly developed stockwork of limonite healed fractures, limonite non found elsewhere.																																						
		69.50	Vn			Black quartz vein moderately scorodite altered, trending 50 deg tca, 2.5cm true width, 3.5cm apparent width, colour probably due to vfg disseminated sulphides.																																						
72.20	75.50			Gd	Silicified granodiorite	Greyish-white, strongly silicified version of 3.50-14.55m, limonite is moderate and fracture controlled. Subtle chlorite. No mineralization or veining to speak of.	0	0	0	0	0	0		Greyish white	4	2	0	0	0	0	0	3	0	0	0	1	0	0	0	0	pervasive	-	-	-	40-70, 110	4	-	-	-	-	-	-	-	-	-	-	-	-	rubble	-	gradual
75.50	101.10			Gd/Gn	Interfingering granodiorite, bleached gneiss and mafic gneiss	Interfingered silicified granodiorite (see 72.70-75.70m, trace fracture controlled pyrite blebs), mafic gneiss (dark greenish grey f-mg intermediate-mafic gneiss. 50% biotite and 50% quartz grains from 0.5-1mm. Weakly developed quartz leucosomes trend 0-30 deg tca. Moderate chlorite alteration giving greenish hue, subtle interstitial epidote, trace disseminated fg pyrite), and bleached gneiss (orange-white strongly bleached and limonite altered gneiss. 25% medium grained quartz phenocrysts are ~1mm in diameter, the only preserved primary mineral). Rock changes on a decimetre to meter scale. Portions of mafic gneiss always have sharp, shallowly dipping contacts at 10-30 deg tca, possibly a series of pipes intruding the pluton during or just after the intrusive events (no chill margins).	0.1	0	0	0	0	0.1	diss, fractures	Orange, white, light and dark grey	2	2	0	0	0	0	0	2	0	0	0	0	0	0	0	1	patchy	0-30	-	-	many	3.5	70, 30	0.1	2cm, 0.5cm	qtz	black qtz or white qtz	-	-	-	-	-	-	-	gradual	-	interfingering gradation
			77.75			1x2.5cm rounded clasts(?) of bright green mineral, mostly likely fuchsite.																																						
		77.80	78.00			Bleached clay gouge in hanging wall of SiVn below.																																						
			78.25	SiVn		2cm black quartz vein trends 70 deg tca, likely contains vfg disseminated sulphides, moderate scorodite altered vugs. 10cm halo on either side of the vein is silicified and contains hairline wisps of pastel yellow-green, possibly fuchsite mixed with sericite? also trending 70 deg tca.																																							
		91.50	92.99	MGn		Poor recovery, rubble.																																						
		98.65	99.00			Contains 0.5% fg galena (possibly moly?) blebs with dark grey haloes (sulphide or oxidation), 1% fine grained clustered and disseminated pyrite. Bleached fg gneiss, moderate sericite banding.	1	0	0.5	0	0	0	blebs, diss	Tan grey																																
101.10	110.52			MGn	Mafic gneiss	Dark grey fine grained mafic gneiss. 5% weakly developed quartz leucosomes are often folded, 1-3mm wide (some could be considered anastomosing varieties). 80% fine biotite grains are aligned at 60-70 deg tca moderately altered by dark green chlorite and weak hematite. 8% clotted interstitial epidote. Trace limonite healed fractures and trace pyrite stringers, often at 165 deg tca. 1% pyrite overall, clotted, Gneiss is occasionally offset ~1cm by hairline fractures.	1	0	0	0	0	0	clotted	Dark grey	0	0	0	0	0	0	0	1	2	0	0	3	0	2	0	0	pervasive, interstitial	60-70	-	-	40-60	3	165	0.5	<0.5mm	stringers	lim or py	-	-	-	-	-	-	-	interfingering gradation	-	4.82m of rubble transition
		105.70	110.52			Poor recovery, transition zone.	0.5	0	0	0.1	0	0	blebs																																
		105.70	109.50	MGn		MGn rubble. Last 10cm contains trace sphalerite clots, no bigger than 3x7mm, earthy-brown colour. Identification confirmed by strong smell generated upon reaction with HCL. Vug trends 50 deg tca. Weakly sericite and silica altered, possible vein or vein with halo?																																							
		109.50	110.52	BGn		Strongly limonized bleached gneiss, clay and rubble.																																						
110.52	121.00			Gd	Granodiorite	White, orange and grey megacrystic granodiorite. 50% coarse, equant phenocrysts, milky white feldspar (good cleavage), 4-7mm in diameter, 20% translucent grey-white quartz phenocrysts 2-5mm. Indistinct grain boundaries are loosely defined by 20% interstitial, dark-green chlorite (likely altered biotite), and 5% interstitial epidote. Limonite alteration is patchy, weak to moderate, interstitial and on fractures. Fractures at 30 deg tca cross-cut lithology, chlorite clusters around fractures, but sure of timing, possibly syn-depositional. 1% pyrite cubes and fracture controlled. Two vuggy quartz veins contain limonized quartz crystals, at 40 and 55 deg tca and 1.5cm and 0.7cm respectively (late contains a solitary 1mm pyrite cube). Weakly rubbly. Subtle patchy hematite alteration, weak white clay in last meter.	1	0	0	0	0	0	cubic, fractures	White, orange and grey	0	0	0	0	0	0	0	2	1	0	0	2	0	2	0	1	pervasive, patchy	-	-	-	50, 120	4	40, 55	0.1	1.5cm, 0.7cm	vuggy	qtz, lim	-	-	-	-	-	-	-	4.82m of rubble transition	40	patchy gradation
		112.50	112.75	Dk		Dyke, 20cm true width, trending 60 deg tca, Strong silica alteration overprints most texture. Shadow clasts seen, mg, 1x2mm, white and translucent, probably 60% feldspar and 35% quartz, with 5% interstitial chl and pyrite. Weak foliation/ grain orientation at 60 deg tca. 1% fg disseminated pyrite cubes. No chill margins.																																							
		112.95	113.55	Dk		Same lithology as above. Weak interstitial hematite from 112.75-112.95m.																																						
		117.15	117.28			Medium grey-green rubble. Altered by grey clay and chlorite, granodiorite texture can be seen. 5% pyrite. Smells like sulphides, this smell is greatly intensified upon reaction with HCL, an additional 5% of unknown sulphides seem to be present.	5	0	0	0	0	5	fg, diss																																
121.00	160.98			Gd/MGn	Interfingering granodiorite and mafic gneiss	Interfingered granodiorite (same as 110.52-121.00m only moderately silicified) and mafic gneiss (same as 101.10-110.52m), decimetre to meter scale. Several meter scale patches within the MGn are strongly sericitized and silicified, could be BGn but weak chlorite suggest otherwise. These sections are well mineralized containing 1% pyrite blebs on average and trace sphalerite in veins (described below). Sericite can be pervasive or wispy, silica is patchy/pervasive. Weak limonite alteration on fractures. Contacts between fingers are at varying orientations, often rubbly. General order seems to be granodiorite, soon followed by intrusive mafic seems (possibly magma mixing due to pulse of less evolved magma at depth), then phyllic alteration phase carrying the sulphides (probably related to fluid differentiation from cooling of the intrusive). Trace 2-3mm splotches of blue-green pastel coloured mineral within sericite alteration (possibly malachite, azurite or fuchsite). Foliation is at 50 deg tca when visible (rare).	1	0	0	0	0	0	associated with phyllic alteration, blebs	Light greenish-grey	4	0	0	3	0	0	0	2	0	0	0	2	0	0	0	0	patchy	50	-	-	50, etc	3	-	0.1	<0.5mm-3mm	sulphide stringers and veinlets	py, shp, moly	-	-	-	-	-	-	40	patchy gradation		
		130.75	131.60			Intense sericite alteration. 1% blebs of deep-grey soft molybdenite. 1% disseminated pyrite. At 131.40m, a 3mm discontinuous vug has a splayed halo of light-grey opaque quartz.	1	0	0	0	0	1	diss, blebs																																
		133.00	133.88			Rubble, 3% pyrite cubes and blebs.	3	0	0	0	0	0	cubes, blebs																																
			136.50			Past this point, trace calcite veinlets and stringers at 40 deg tca. Phyllic QSP alteration drops out.																																						
		140.80	146.00	Gd		Mostly granodiorite, patchy alteration by moderate white clay, patchy alteration by moderate limonite. This portion contains most of the mineralization (see below).																																						
		143.55	143.75	SiVn?		Limonite, fuchsite(?), hematite altered gouge. Faint smell of sulphur. 10% fg disseminated sphalerite and galena.	5	0	0	5	0	0	diss																																
		143.75	146.60			3% clustered pyrite clots in limonite altered granodiorite. 1% other sulphides, sphalerite, molybdenum and chalcopyrite.																																						
			145.80			5mm sphalerite and pyrite veinlet, blebby, trending 125 deg tca.																																						
		146.60	160.98			Strongly silicified after this point, mostly Gd. No sericite. Rock make a resonating sound when knocked.																																						
		152.15	155.00	Gd-z		Poor recovery, faulted, limonized Gd.																																						
		155.00	157.70	Dk		Dyke. Strong silica alteration overprints most texture. Shadow clasts seen, mg, 1x2mm, white and translucent, probably 60% feldspar and 35% quartz, with 5% interstitial chl and pyrite. Trace pyrite.	0.1	0	0	0	0	0	diss																																
160.98				EOH																																						

Charlotte Project
DDH-11-266
Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field	Comments
23	7.01	63.1	85.6	-50.0	55400	erroneous removed from interpretation
33	10.06	56.2	78.7	-50.0	57701	erroneous removed from interpretation
43	13.11	51.1	73.6	-50.2	57873	
53	16.16	50.9	73.4	-50.4	57718	
63	19.21	52.0	74.5	-50.7	57690	
73	22.26	47.5	70.0	-50.6	57204	
83	25.30	46.7	69.2	-50.8	57197	
93	28.35	45.9	68.4	-51.0	57106	
103	31.40	45.9	68.4	-51.3	57174	
113	34.45	49.9	72.4	-51.4	57248	
123	37.50	47.8	70.3	-51.4	57112	
133	40.55	49.7	72.2	-51.7	57468	
143	43.60	46.6	69.1	-51.8	57273	
153	46.65	46.3	68.8	-52.0	57263	
163	49.70	49.7	72.2	-52.2	57236	
173	52.74	46.1	68.6	-52.5	57056	
183	55.79	50.2	72.7	-52.8	57472	
193	58.84	46.3	68.8	-52.7	57093	
203	61.89	49.0	71.5	-52.8	57215	
213	64.94	45.6	68.1	-53.1	57077	
223	67.99	47.7	70.2	-53.2	57456	
233	71.04	45.2	67.7	-53.2	57175	
243	74.09	49.0	71.5	-53.6	57191	
253	77.13	49.7	72.2	-53.6	57293	
263	80.18	44.7	67.2	-53.4	57218	
273	83.23	45.8	68.3	-53.5	57087	
283	86.28	46.7	69.2	-53.7	57425	
293	89.33	48.9	71.4	-53.9	57505	
303	92.38	47.1	69.6	-53.9	57202	
313	95.43	46.5	69.0	-54.0	57128	
323	98.48	48.1	70.6	-54.1	57474	
333	101.52	48.6	71.1	-54.1	57265	
343	104.57	45.2	67.7	-54.1	57089	
353	107.62	48.5	71.0	-54.3	57461	
363	110.67	49.0	71.5	-54.3	57336	
373	113.72	47.4	69.9	-54.2	57207	
383	116.77	44.2	66.7	-54.3	57115	
393	119.82	49.1	71.6	-54.6	57407	
403	122.87	45.5	68.0	-54.5	57169	
413	125.91	47.6	70.1	-54.5	57255	
423	128.96	44.1	66.6	-54.4	57106	
433	132.01	45.0	67.5	-54.4	57334	
443	135.06	48.0	70.5	-54.6	57270	
453	138.11	48.2	70.7	-54.2	57449	
463	141.16	48.3	70.8	-55.2	57407	
473	144.21	43.4	65.9	-54.7	57247	
483	147.26	45.0	67.5	-54.9	57148	
493	150.30	48.3	70.8	-54.9	57347	
503	153.35	45.1	67.6	-54.9	57385	
513	156.40	42.6	65.1	-54.7	57171	

Charlotte Project
DDH-11-266
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
3.50	3.50		1066285	**Blank**		<0.005	<0.1			
3.50	6.00	2.50	1066286	poor recovery	Bleached Granodiorite	<0.005	<0.1			
6.00	7.77	1.77	1066287	poor recovery	Bleached Granodiorite	<0.005	<0.1			
7.77	8.54	0.77	1066288		Bleached Granodiorite	<0.005	<0.1			
8.54	10.06	1.52	1066289		Bleached Granodiorite	<0.005	<0.1			
10.06	11.59	1.53	1066290		Bleached Granodiorite	<0.005	<0.1			
11.59	14.55	2.96	1066291	poor recovery	Bleached Granodiorite	0.006	<0.1			
14.55	16.05	1.50	1066292		Intermediate-Mafic Gneiss	0.013	0.3			
16.05	17.55	1.50	1066293		Intermediate-Mafic Gneiss	<0.005	<0.1			
17.55	19.05	1.50	1066294		Intermediate-Mafic Gneiss	0.006	0.1			
19.05	19.05		1066295	**STD: PM 436**		0.402	0.2			
19.05	20.55	1.50	1066296		Intermediate-Mafic Gneiss	0.005	<0.1			
20.55	22.45	1.90	1066297	poor recovery	Intermediate-Mafic Gneiss	<0.005	<0.1			
22.45	24.15	1.70	1066298	poor recovery	Intermediate-Mafic Gneiss	0.007	<0.1			
24.15	26.90	2.75	1066299	poor recovery	Rubble	<0.005	0.1			
26.90	28.90	2.00	1066300	poor recovery	Intermediate-Mafic Gneiss	<0.005	<0.1			
28.90	30.30	1.40	1066301		Intermediate-Mafic Gneiss	<0.005	<0.1			
30.30	31.70	1.40	1066302		Rubble	<0.005	<0.1			
31.70	33.30	1.60	1066303		Limonite Bleached Gneiss	0.009	<0.1			
33.30	34.95	1.65	1066304		Limonite Bleached Gneiss	<0.005	0.1			
33.30	34.95	1.65	1066305	**Duplicate**	Limonite Bleached Gneiss	0.007	0.1			
34.95	36.00	1.05	1066306		Limonite Bleached Gneiss	0.016	0.3			
36.00	37.00	1.00	1066307		Limonite Bleached Gneiss	0.050	0.4			
37.00	38.50	1.50	1066308	poor recovery	Bleached Gneiss	0.589	0.6			
38.50	39.94	1.44	1066309	poor recovery	Bleached Gneiss	1.031	0.7			
39.94	41.20	1.26	1066310		Bleached Gneiss	0.048	0.5			
41.20	42.70	1.50	1066311		Bleached Gneiss	0.164	13.3			
42.70	44.20	1.50	1066312		Bleached Gneiss	0.048	27.7			
44.20	45.70	1.50	1066313		Bleached Gneiss	0.033	5.0			
45.70	49.65	3.95	1066314	poor recovery	Bleached Granodiorite	0.059	3.2			
49.65	49.65		1066315	**Blank**		<0.005	<0.1			
49.65	52.20	2.55	1066316	poor recovery	Bleached Granodiorite	0.077	1.1			
52.20	54.05	1.85	1066317	poor recovery	Bleached Granodiorite	0.007	0.3			
54.05	55.30	1.25	1066318		Bleached Granodiorite	0.044	1.0			
55.30	56.90	1.60	1066319	poor recovery	Bleached Granodiorite	0.012	0.3			
56.90	58.40	1.50	1066320		Bleached Granodiorite	0.011	0.5			
58.40	59.90	1.50	1066321		Bleached Granodiorite	0.007	0.2			
59.90	63.25	3.35	1066322	poor recovery	Bleached Granodiorite	0.009	0.1			
63.25	64.25	1.00	1066323		Bleached Gneiss	0.108	1.7			
64.25	66.60	2.35	1066324	poor recovery	Bleached Gneiss	0.078	0.7			
66.60	66.60		1066325	**STD: PM 925**		>10.000	>100.0	11.6		164
66.60	68.00	1.40	1066326		Fault Zone	0.133	7.7			
68.00	69.25	1.25	1066327		Fault Zone	1.393	58.2			
69.25	69.70	0.45	1066328		Contains SXVn	0.661	45.9			
69.70	69.70		1066329	**Blank**		0.007	0.1			
69.70	72.20	2.50	1066330		Bleached Gneiss	0.031	0.7			
72.20	73.20	1.00	1066331		Silicified Granodiorite	0.010	<0.1			
73.20	74.05	0.85	1066332		Silicified Granodiorite	0.005	<0.1			
74.05	75.50	1.45	1066333	poor recovery	Silicified Granodiorite	0.006	<0.1			
75.50	76.50	1.00	1066334		Bleached Gneiss	0.023	0.3			
76.50	77.70	1.20	1066335		Bleached Gneiss	0.053	1.7			
77.70	78.50	0.80	1066336		Contains SXVn	2.281	10.3			
77.70	78.50	0.80	1066337	**Duplicate**	Contains SXVn	3.651	9.7			
78.50	79.25	0.75	1066338		Silicified Granodiorite	0.148	3.0			
79.25	79.90	0.65	1066339		Mafic Gneiss	0.011	0.2			
79.90	81.10	1.20	1066340		Silicified Granodiorite	0.009	1.0			
81.10	81.85	0.75	1066341		Mafic Gneiss	0.049	0.4			
81.85	83.20	1.35	1066342		Mafic Gneiss & Granodiorite	0.013	2.0			
83.20	84.75	1.55	1066343		Silicified Granodiorite	0.051	0.1			
84.75	85.80	1.05	1066344		Silicified Granodiorite	0.032	0.2			
85.80	85.80		1066345	**STD: PM 436**		0.405	0.2			
85.80	86.95	1.15	1066346		Mafic Gneiss & Granodiorite	0.018	0.1			
86.95	88.45	1.50	1066347		Bleached Gneiss	0.161	0.5			
88.45	90.00	1.55	1066348		Rubble	0.024	1.7			
90.00	91.40	1.40	1066349		Gd/Gn	0.007	0.2			

Charlotte Project
DDH-11-266
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
91.40	93.35	1.95	1066350	poor recovery	Mafic Gneiss	0.014	0.3			
93.35	94.80	1.45	1066351		Silicified Granodiorite	0.026	<0.1			
94.80	96.50	1.70	1066352	poor recovery	Silicified Granodiorite	0.027	<0.1			
96.50	97.50	1.00	1066353		Silicified Granodiorite	0.008	<0.1			
97.50	98.65	1.15	1066354		Mafic Gneiss	0.009	0.3			
98.65	99.60	0.95	1066355		Silicified Granodiorite	0.009	1.1			
99.60	99.60		1066356	**Blank**		<0.005	<0.1			
99.60	101.10	1.50	1066357		Silicified Granodiorite	0.036	0.2			
101.10	102.60	1.50	1066358		Mafic Gneiss	0.049	<0.1			
102.60	104.05	1.45	1066359	poor recovery	Mafic Gneiss	0.015	0.1			
104.05	105.70	1.65	1066360	poor recovery	Mafic Gneiss	0.015	0.3			
105.70	109.50	3.80	1066361	poor recovery	Mafic Gneiss	0.245	3.8			
109.50	110.52	1.02	1066362		Bleached Gneiss	0.046	2.5			
110.52	111.50	0.98	1066363		Granodiorite	0.009	0.1			
111.50	112.50	1.00	1066364		Granodiorite	<0.005	<0.1			
112.50	112.50		1066365	**STD: PM 925**		>10.000	>100.0	11.5		165
112.50	113.65	1.15	1066366		Granodiorite with Dykes	<0.005	0.1			
113.65	115.00	1.35	1066367		Granodiorite	0.013	0.3			
115.00	116.50	1.50	1066368	poor recovery	Granodiorite	0.015	0.9			
116.50	118.00	1.50	1066369	poor recovery	13cm of 10% Sulphide Rubble	0.027	0.3			
118.00	120.27	2.27	1066370	poor recovery	Granodiorite	0.062	<0.1			
120.27	121.00	0.73	1066371		Granodiorite	0.008	<0.1			
121.00	122.50	1.50	1066372		Granodiorite & Mafic Gneiss	0.008	<0.1			
122.50	124.00	1.50	1066373		Mafic Gneiss	<0.005	<0.1			
124.00	125.50	1.50	1066374		Sericite Altered Gneiss	<0.005	0.4			
125.50	127.00	1.50	1066375		Sericite Altered Gneiss	0.028	0.2			
127.00	128.05	1.05	1066376		Sericite Altered Gneiss	<0.005	<0.1			
128.05	129.35	1.30	1066377		Sericite Altered Gneiss	0.021	6.8			
129.35	130.75	1.40	1066378		Sericite Altered Gneiss	0.006	1.6			
130.75	131.60	0.85	1066379		Sericite & Moly	0.008	1.6			
130.75	131.60	0.85	1066380	**Duplicate**	Sericite & Moly	<0.005	0.8			
131.60	133.00	1.40	1066381		Sericite Altered Gneiss	<0.005	1.3			
133.00	133.88	0.88	1066382		Rubble w/ 3% Pyrite	0.474	3.7			
133.88	135.40	1.52	1066383		Granodiorite	<0.005	0.1			
135.40	136.90	1.50	1066384	poor recovery	Granodiorite	0.012	0.4			
136.90	136.90		1066385	**STD: PM 436**		0.371	0.2			
136.90	138.40	1.50	1066386	poor recovery	Granodiorite	0.006	0.2			
138.40	140.80	2.40	1066387	poor recovery	Granodiorite	<0.005	0.3			
140.80	141.80	1.00	1066388	poor recovery	Granodiorite	0.008	0.5			
141.80	143.00	1.20	1066389	poor recovery	Clay Altered	0.112	3.1			
143.00	144.60	1.60	1066390	poor recovery	Mineralized Granodiorite	2.075	9.8			
144.60	145.73	1.13	1066391	poor recovery	Mineralized Granodiorite	0.129	14.8			
145.73	146.55	0.82	1066392		Mineralized Granodiorite	0.206	9.0			
146.55	146.55		1066393	**Blank**		<0.005	<0.1			
146.55	147.76	1.21	1066394		Silicified Granodiorite	<0.005	0.1			
147.76	149.00	1.24	1066395		Silicified Mafic Gneiss	0.047	0.1			
149.00	150.50	1.50	1066396		Silicified Granodiorite	<0.005	<0.1			
150.50	151.20	0.70	1066397		Silicified Granodiorite	<0.005	<0.1			
151.20	152.15	0.95	1066398		Silicified Granodiorite	<0.005	<0.1			
152.15	154.12	1.97	1066399	poor recovery	Faulted Granodiorite	<0.005	<0.1			
154.12	155.00	0.88	1066400		Faulted Granodiorite	0.112	<0.1			
155.00	156.40	1.40	1066401		Silicified Granodiorite	<0.005	<0.1			
156.40	157.70	1.30	1066402		Silicified Dyke	<0.005	<0.1			
157.70	159.35	1.65	1066403		Silicified Granodiorite	<0.005	0.1			
159.35	160.98	1.63	1066404		Silicified Granodiorite	<0.005	<0.1			
160.98	EOH									

Charlotte Project
DDH-11-267
Drill Log Summary and Cover Sheet

Hole Id:	**DDH-11-267**		
Property:	**Charlotte**	Logged By:	**A. Paquet**
Area:	**Orloff-King Zone**	Date Logged:	**August 6-11,2011**
Client:	**Ansell Capital Corp.**		

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	**NAD83, Zone 8**		
Easting:	**386812.76 mE**	Azimuth:	**055 °**
Northing:	**6883371.01 mN**	Dip:	**-65 °**
Elevation:	**1463.07 m**	Length:	**246.34 m**

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	**386812 mE**	Azimuth:	**055 °**
Northing:	**6883375 mN**	Dip:	**-65 °**
Elevation:		Length:	**200 m**

Drilling Information:

Contractor:	**DJ Drilling**
Core Diameter:	**HQ**
Start Date:	**19-Jul-2011**
End Date:	**25-Jul-2011**
Casing In:	**No**
Casing Capped:	**No**
Units:	**Metric**

Hole Objective:

Block error at 305 feet, this block reads 295 feet. 10 feet was added to every block beyond this point.
Block 203.66m had shifted during transport, was moved back 50cm so that intervals would be logical. Survey tool was placed upside down during survey so the azimuth is off.

Hole Summary:

DDH-11-267 is dominated by medium-grey andesite, as seen in the trenches in the OK-Zone. The andesite comprises a medium grained, thick flow with over 60% plagioclase feldspar weakly altered by white clay. Quartz is fine grained if present, not visible to the naked eye and no more than 5%. The remainder of the andesite comprises two distinct mafic minerals, medium grained bladed amphiboles completely altered to biotite, and an irregular unknown mineral completely altered to green chlorite, probably pyroxene. Several meter scale monzonite dykes cross cut the andesite, usually with centimetre scale faulted contacts of friable andesite fading into the tan colour of the dykes. The mineralogy of the dykes is two phases of feldspar, plagioclase altered to white clay and alkali-feldspar altered to sericite. 10% of the monzonite is a groundmass of fine grained clay altered minerals. White carbonate veinlets and stringers make up an average of 1% of the entire hole, found in the dykes and in the andesite, trace ankerite veining also affects both lithologies. The andesite is patchily altered by weak sericite which forms a halo around quartz and/or pyrite veinlets. These veinlets occasionally carry sphalerite and galena at 95.80m, 209.05m, 209.90m and 219.40m. The most promising intersection occurs from 191.45-191.90m, where a hydrothermally brecciated quartz contains 10% pyrite clusters, 5% veinlet of sphalerite and 1% galena blebs. From 233.40-233.70m and 234.20-234.35m brecciated quartz veins contains 1.5% pyrite and 1% sphalerite and galena as blebs.

Lithology Summary

From	To	Lith	Comment
0.00	6.50	**OB**	
6.50	40.10	**And**	
40.10	41.10	**Mz**	
41.10	57.85	**And**	
57.85	63.70	**And-z**	
63.70	66.95	**And**	
66.95	75.45	**And-z**	
75.45	87.30	**And**	
87.30	89.10	**Mz**	
89.10	122.90	**And**	
122.90	125.35	**Mz**	
125.35	133.40	**And**	
133.40	136.95	**Mz**	
136.95	159.45	**And**	
159.45	162.80	**Mz**	
162.80	180.30	**And**	
180.30	181.65	**Mz**	
181.65	182.55	**And**	
182.55	187.50	**Mz**	
187.50	189.95	**And-z**	
189.95	191.45	**Mz-z**	
191.45	191.90	**SXVn-x**	
191.90	197.35	**And**	
197.35	199.55	**Mz**	
199.55	234.40	**And**	
234.40	236.80	**Mz**	
236.80	237.30	**And**	
237.30	239.35	**Mz**	
239.35	246.34	**And**	
246.34		**EOH**	

Charlotte Project
DDH-11-267
Detailed Log

Hole Id:	DDH-11-267
Logged By:	A. Paquet

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization							Alteration											Foliation	Shearing		Fractures		Veins			Brecciation					Upper Contact		Lower Contact	
From	To	From	To	Code			Py%	Asp%	Gn%	Sph%	Cp%	FSx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	% Clasts	Rounding	Matrix	% Matrix	Intensity	to CA	Description	to CA	Description
0.00	6.10			CAS	Overburden	CASING																																					
6.10	6.50			CAS	Overburden	Recovered overburden.																																							
6.50	40.10			And	Andesite	Medium grained, medium grey, thick andesite flow. Hardness varies from 4 to 5, weakly silicified, no primary quartz observed. 60% white semi-opaque phenocrysts of feldspar, 0.5-1.5mm in diameter, cleavage is non-planar due to weak alteration by white clay. 15% mafic needles no more that 1.5mm long and <=0.5mm wide, micaceous lustre, soft, amphiboles entirely replaced by biotite, weakly aligned due to flow at 40-50 deg tca. 15% phenocrysts altered to medium-green chlorite, <1mm, irregular shape, not sure what primary mineral was. Trace interstitial epidote. Weakly magnetic, no magnetite observed, must be very fine grained and interstitial, not sure if it is a primary or secondary mineral. Trace fracture controlled pyrite. 0-1% late stage white calcite stringers, <1mm, 35, 50, and 160 deg tca, occasionally weakly developed crackle, often limonite altered, probably is a late stage process related to Ca leaching out of feldspars during weak clay alteration. Very minor interstitial carbonate in places. Weak to strong patchy limonite weathering, often associated with rubbly portions of andesite. Frequently (every 10-30cm) fractured at several angles, 50 deg tca is most common, fractures occasionally have a 3-4mm tan coloured halo affecting only the feldspar phenocrysts, possibly sericite, more likely a weathering product.	0.5	0	0	0	0	0	fracture controlled	Medium grey	2	0	0	0	2	0	0	2	1	0	2	3	0	1	0	1	pervasive, interstitial, patchy	-	-	-	50, etc	3.5	35, 50, 160	0.5	<1mm	late stringers	white carbonate	-	-	-	-	-	-	n/a	start of hole	50	bounded by fault gouge
		9.90	23.30			90% is moderate to strongly limonite altered and weakly clay altered rubble. Trace sub-rounded lithic fragments, 0.4-4.5cm in diameter, dark-grey, fg, mafic.								Medium grey and orange																																
		23.30	24.35			Change in texture. Rock is very soft, can be scratched with a fingernail, fg, seems to be mostly clay possibly some sericite and chlorite in groundmass. Light greenish-grey colour. 20% forest green chlorite trends 30 deg tca and has interstitial, clustered texture. Indistinct contacts are rubbly.								Light greenish-grey																																
		24.35	27.10			Strongly limonite altered and weakly clay altered rubble.								Brownish, creamy orange																																
		27.10	27.30	FZ		Yellow, orange and brown clay gouge.								Yellow, orange and brown																																
		27.30	27.90	Alt		Intense limonite altered rock. 10% dendritic manganese percolating from healed fractures, often strongly mixed with limonite.								Orange																																
		28.55	29.00			Patches of intense limonite altered rock.								Orange and medium grey																																
		31.95	32.07	MDk		Fine grained malic dyke, dark grey. Sharp, undulating contacts generally at 40 deg tca. 10% 2-3mm irregular phenocrysts(?) of biotite. 0.1% hairline carbonate stringers, variable orientation.								Dark grey																																
		33.80	33.95	MDk		Fine grained malic dyke, dark grey. Sharp contacts generally at 30 deg tca, slightly undulating, 0.5% hairline carbonate stringers, variable orientation.								Dark grey																																
40.10	41.10			Mz	Monzonite dyke	Same texture as andesite but light-tan colour and softer, possibly andesite moderately altered by sericite and white clay, but 4cm of gouge at either contact suggests dyking, contacts are sharp, trending 50 deg tca. Contains a hematite stringer at 80 deg tca. A few pyrite stringers at 40 and 50 deg tca, disseminated pyrite in 1cm halo around these stringers. 1% calcite stringers and veinlets are <3mm, weakly limonite altered and undulating.	0	0	0	0	0	0		Light-tan	0	0	0	0	2	0	1	3	0	0	0	0	0	0	0	3	pervasive	-	-	-	40-50	3	-	1	3-4mm	undulating	calcite	-	-	-	-	-	-	50	bounded by fault gouge	50	bounded by fault gouge
41.10	57.85			And	Andesite	Continuation of andesite from 6.50-40.10m. Carbonate stringers increase to 1%.	0.5	0	0	0	0	0	fracture controlled	Medium grey	2	0	0	0	2	0	0	2	1	0	2	3	0	1	0	1	pervasive	-	-	-	50, etc	3.5	20-160	1	<1mm	late stringers	white carbonate	-	-	-	-	-	-	50	bounded by fault gouge	40	sharp
		41.80	42.20			Moderate clay and limonite alteration makes rock soft and rubbly. Gradational contacts.								Brownish, creamy orange																																
		45.12				White carbonate veinlet trending 60 deg tca, 2cm true width.								Medium grey																																
		45.60	46.90	Mc/And		25cm is competent limonite altered possibly monzonite intrusion. Remainder is friable andesite gouge altered by clay. Contains 2.5cm carbonate veinlet trending 50 deg tca; 4cm into hanging wall there is a breccia with 80% sub-rounded sericitic clasts in a gougy andesite matrix weakly altered by hematite. Sharp contact at 40 deg tca.								Orange and medium grey																																
		47.60	48.15	Alt		Intensely limonite altered, half is rubble.								Orange																																
		50.05	51.50	And-z		Limonite and clay altered fault zone. 2% calcite veining generally trends 35 and 70 deg tca, 2mm-1cm wide.								Brownish, creamy orange																																
		53.63	53.75			Rubble with hematite stained fractures.								Dark grey with red																																
57.85	63.70			And-z	Faulted Andesite	Same as surrounding andesite only faulted and rubble. Different degrees of alteration, mostly by patch moderate limonite described below.	0.5	0	0	0	0	0	fracture controlled	Medium grey	2	0	0	0	2	0	0	2	1	0	2	3	0	1	0	1	pervasive	-	-	-	50, etc	3.5	20-160	1	<1mm	late stringers	white carbonate	-	-	-	-	-	-	40	sharp	~60	gradual
		57.85	58.20	And-z		5% disseminated pyrite in friable clay altered andesite gouge. Sharp upper contact at 40 deg tca, sharp lower contact at 60 deg tca.	5	0	0	0	0	0	diss	Medium grey																																
		58.20	63.00	And-z		Subtle limonite alteration, frequently fractured andesite at 50, 70 an 120 deg tca.								Medium grey with brown																																
		63.00	63.70	And-z		Fractured andesite, moderately limonite altered, weakly hematite and carbonate altered.								Brownish, creamy orange																																
63.70	66.95			And	Andesite	Continuation of andesite from 41.10-57.85m.	0.5	0	0	0	0	0	fracture controlled	Medium grey	2	0	0	0	2	0	0	2	1	0	2	3	0	1	0	1	pervasive	-	-	-	20-160	3.5	?	1	<1mm	late stringers	white carbonate	-	-	-	-	-	-	~60	gradual	-	friable
		64.63	65.80	Alt		Intensely limonite and strongly carbonate altered. Possibly monzonite dyke.								Orange																																
		65.80	66.50	And-z		Friable andesite.																																						
		66.50	66.95			Moderate banded sericite alteration, 3% fg pyrite disseminated and clustered along discontinuous dark-grey silica stringers(?), weakly developed hematite crackle, weakly developed limonite crackle. Some minor offsetting by microfaulting? Banding generally at 70 deg tca.	3	0	0	0	0	0	diss	Tan and grey	3	0	0	3	0	0	0	2	0	0	0	0	0	0	0	0	banded	-	-	-	-	-	50-80	5	<1mm	silica	dark grey sfz, py	ser, sil, py	98	AG	hem	2	1	-	friable	-	friable
66.95	75.45			And-z	Faulted Andesite	Friable, fractured andesite. Weak clay alteration.	0.5	0	0	0	0	0	fracture controlled	Medium grey	2	0	0	0	2	0	0	2	1	0	2	3	0	1	0	1	pervasive	-	-	-	50, etc	3.5	20-160	1	<1mm	late stringers	white carbonate	-	-	-	-	-	-	-	friable	-	fractured, gradual
75.45	87.30			And	Andesite	Continuation of andesite from 63.70-87.30m.	0.5	0	0	0	0	0	fracture controlled	Medium grey	2	0	0	0	2	0	0	2	1	0	2	3	0	1	0	1	pervasive	-	-	-	20-160	3.5	?	1	<1mm	late stringers	white carbonate	-	-	-	-	-	-	-	fractured, gradual	-	friable
		74.45	75.65			Intensely limonite and strongly carbonate altered. Friable.								Orange																																
		75.65	77.00	Mz?	Monzonite dyke?	Moderate sericite, limonite and clay, tan colour. Possibly monzonite dyke. Contacts obscured by rubble.								Tan																																
		77.00	79.00			Moderately silica altered andesite with 1% disseminated pyrite.								Medium grey																																
		76.60	76.85			7% fine disseminated cubes of pyrite. 10% limonite crackle with 80% angular siliceous clasts.	7	0	0	0	0	0	diss cubes																																		
		82.25	82.95			10cm patch of friable faulted andesite, then 15cm patch of clay altered white tan rock, then 40cm patch of banded sericite alteration with 5% fine disseminated pyrite cubes. Poor recovery.	5	0	0	0	0	0	diss cubes	White, tan, and dark grey																																
87.30	89.10			Mz	Monzonite dyke	Moderate clay and limonite alteration makes rock soft. Gradational, friable contacts. 3% pyrite stringers generally at 70 deg tca, discontinuous, associated with irregular halos of clay, carbonate, sericite and quartz. Weak patchy sericite. Tan, brownish-white colour. <60% clay altered feldspar phenocrysts.	3	0	0	0	0	0	stringers	Tan, brownish-white	0	0	0	2	2	0	0	3	0	0	0	0	0	0	0	3	pervasive, splotchy	-	-	-	40, 120	3	70	3	1-2mm	stringers	py	-	-	-	-	-	-	70	gouge	50	gradual, friable
89.10	122.90			And	Andesite	Continuation of andesite from 6.50-40.10m. Increase to 1% irregular pyrite stringers, sometimes with halos of sericite. Silica increases to moderate. Epidote drops out. Carbonate stringers increase to 2%.	1	0	0	0	0	0	stringers	Medium grey	3	0	0	2	2	0	0	2	1	0	2	3	0	0	0	1	pervasive, patchy	-	-	-	50, etc	3	20-160	2	<1mm	late stringers	white carbonate	-	-	-	-	-	-	50	gradual, friable	~50	gradual, friable
		89.40	92.10	And/Mz		Alternating, branching patches of limonite-clay altered monzonite dyke, 10% stockwork calcite veinlets ~5mm, and grey clay gouge. 5cm grey-clay fault gouge, 20 deg tca.								Medium grey with brown																																
		95.35	95.90	And	Altered Andesite	Competent. Moderate, banded sericite, bands are centimetre scale generally trending 40 deg tca, bands sometimes contain 5% fg disseminated arsenopyrite needles. 7% fg disseminated pyrite throughout. At 95.80m there is a vein also trending 40 deg tca, semi-massive pyrite-sphalerite-galena 2-5mm thick, slightly undulating, with 1mm irregular ankerite banding running throughout it and a discontinuous envelope of black chlorite. Tan and grey.	7	2	0.5	1	0	0	diss, vein	Tan and grey																																
		95.90	97.25	And	Altered Andesite	70% rubble. A few 10cm patches of rubble with 10% disseminated pyrite. Moderate sericite. Two distinct stages of mineralization: diss pyrite associated with sericite alteration, and pyrite stringers/veinlets, no preferred orientation, 2-5mm thick, not sure which came first. 3% pyrite overall. Tan and grey.	3	0	0	0	0	0	w/ ser	Tan and grey																																
		97.25	101.45			10% decimetre scale patches of sericite alteration carrying 3% disseminated pyrite.	1	0	0	0	0	0	w/ ser	Tan and brown																																
		101.45	104.20			Rubble. Moderate, patchy limonite alteration. Tan and brown. 1% irregular pyrite veinlets and stringers. Hanging wall of vein below.	1	0	0	0	0	0	veinlets, stringers																																
		104.20	104.35	Vn		Upper contact at 40 deg tca, contains 75% quartz and 25% pyrite which occurs as clusters. Sharp lower contact at 50 deg tca.	25	0	0	0	0	0	semi-massive	White, grey and gold																																
		104.35	104.85	SXVn		Semi-massive pyrite 30% and chalcopyrite 10%. Remainder is white quartz. Sulphides generally trend 50 deg tca, weakly mm-scale banded with quartz. Sharp contacts at 50 deg tca. 50cm true width.	30	0	10	0	0	0	semi-massive	Gold																																
		104.85	113.95	And		Trace pyrite veinlets have 5cm sericitic halos.								Medium-dark grey																																
		113.95	114.90			Weak patchy sericite, limonite and clay. Medium-dark grey with tan patches.								Medium-dark grey with tan patches																																
		115.70	118.60	And	Altered Andesite, possibly Mz?	Tan and grey, moderate sericite, limonite and clay alteration. One 5cm vein of grey translucent quartz bearing 10% clotted pyrite at 70 deg tca. 10% sericite stockwork. 5% disseminated fg pyrite (possibly also other sulphides). Sharp upper contact at 50 deg tca and faulted lower contact suggests this could be another monzonite dyke but texture suggests alteration zone.	5	0	0	0	0	0	diss, vn	Tan and grey																																
		118.60	119.70			Contains two 10cm faults containing andesite gouge at 60 deg tca.																																						
		119.70	121.00			Weak patchy sericite, limonite and clay. Medium-dark grey with tan patches.								Medium-dark grey and tan																																
		119.80	120.50	Mz	Monzonite dyke	Moderate clay and limonite alteration makes rock soft. Gradational, friable contacts. Brownish-white colour.								Brownish-white																																
122.90	125.35			Mz	Monzonite dyke	Soft, competent. Splotchy moderate limonite alteration. Moderate pervasive clay alteration entirely replacing feldspars. Fracturing every 20-50cm is typically at 60 deg tca ±10. Two 3cm irregular quartz veins generally trending 70 deg tca. Non-magnetic. 5% hairline limonite healed fractures have irregular halos giving rock splotchy appearance. White with brown. Contacts described below.	0	0	0	0	0	0		White with brown	0	0	0	0	1	0	0	3	0	0	0	0	0	0	0	3	pervasive, splotchy	-	-	-	50	3	-	1	3cm	irregular	qtz	-	-	-	-	-	-	~50	gradual, friable	-	rubble
						Friable andesite, dark-grey, contact zone. Gradually fades to lighter grey.																																						
		122.90	123.25			Friable andesite, dark-grey, contact zone. Gradually fades to lighter grey.																																						
		125.50	125.35			Rubble contact zone, moderate limonite. Dark-grey with brown.																																						
125.35	133.40			And	Andesite	Continuation of andesite from 89.10-122.10m, pyrite drops to 0.5% stringers.	0.5	0	0	0	0	0	stringers	Medium grey	3	0	0	2	2	0	0	2	1	0	2	3	0	0	0	1	pervasive, patchy	-	-	-	50, etc	3	20-160	2	<1mm	late stringers	white carbonate	-	-	-	-	-	-	-	rubble	-	faulted rubble
		130.55	131.20			Lighter-grey. Moderate clay rubble.								Light-medium grey																																
133.40	136.95			Mz	Monzonite dyke	Soft, competent. Splotchy moderate limonite alteration. Moderate pervasive clay alteration entirely replacing 60% mg feldspars. 134.60-135.10m contains branching blood red hematite veinlets 2-4mm wide (looks just like mammalian veins), which are cross-cut and offset a few mm by white calcite veinlets of similar style, 3-5mm wide. In the hanging wall of one of the hematite veinlets there is an irregular cluster of pyrite associated with dark-grey silica and weak wispy sericite. 0.5% pyrite overall.	0.5	0	0	0	0	0	clustered	White with brown and red	0	0	0	0	2	0	0	3	2	0	0	0	0	0	0	3	pervasive, splotchy	-	-	-	50	3	-	3	2-4mm	hematite stringers then carb	hem, carb	-	-	-	-	-	-	-	faulted rubble	-	faulted rubble
136.95	159.45			And	Andesite	Continuation of andesite from 125.35-133.40m. Pyrite decreases to trace fracture controlled.	0.1	0	0	0	0	0	fracture controlled	Medium grey	3	0	0	2	2	0	0	2	1	0	2	3	0	0	0	1	pervasive, patchy	-	-	-	50, etc	3	20-160	2	<1mm	late stringers	white carbonate	-	-	-	-	-	-	-	faulted rubble	30	faulted rubble
		136.95	137.95	And-z		From 136.95-136.60m this faulted rubble gradually changes from white with brown to dark grey. Remainder is grey andesitic, clay altered rubble.																																						
		142.60				60m QSP vein. Banded, some hematite.																																						
		143.20	144.70	And-z		Grey, andesitic clay altered rubble.																																						
		143.85	144.15			10% carbonate vugs with well developed calcite crystals.																																						
		146.80	147.90	Mz	Monzonite dyke	Soft, competent. Splotchy moderate limonite alteration. Moderate pervasive clay alteration entirely replacing feldspars. At 147.40m banded zone of QSP alteration intersects at 60 deg tca. Friable contacts grades over 10-15cm.	0.1	0	0	0	0	0	in vn	White with brown																															-	faulted rubble	-	faulted rubble
		156.65	156.95	Mz	Monzonite dyke	Soft, competent. Splotchy moderate limonite alteration. Moderate pervasive clay alteration entirely replacing feldspars. Weak sericite and trace quartz stringer at 70 deg tca. Contacts slightly friable also at 70 deg tca.	0	0	0	0	0	0		Light greenish-grey																																				
159.45	162.80			Mz	Monzonite dyke	Soft, competent. Splotchy moderate limonite alteration. Moderate pervasive clay alteration entirely replacing feldspars. Weak wispy and interstitial sericite. 1% quartz stringers at 50-70 deg tca, often with ankerite envelopes. 3% ankerite stockwork. 0-2% disseminated pyrite associated with weak patch of silica alteration.	0.5	0	0	0	0	0	diss	White with brown	1	0	0	2	0	0	2	3	0	0	0	0	0	0	0	3	pervasive, splotchy	-	-	-	50	3	50-70	1	<2mm	stringers	qtz	-	-	-	-	-	-	30	faulted rubble	50	friable
162.80	180.30			And	Andesite	Continuation of andesite from 136.95-146.80m.	0.1	0	0	0	0	0	fracture controlled	Medium grey	3	0	0	2	2	0	0	2	1	0	2	3	0	0	0	1	pervasive, patchy	-	-	-	50, etc	3	20-160	2	<1mm	late stringers	white carbonate	-	-	-	-	-	-	50	friable	60	rubble
		164.90	165.20	Mz	Monzonite dyke	Note, most friable contacts between Mz and are moderately carbonate and chlorite altered. Small monzonite dyke.																																						
		169.45	171.10	And-z	Andesite	Frequently fractured andesite, strong limonite.																																						
180.30	181.65			Mz	Monzonite dyke	Soft, competent. Splotchy moderate limonite alteration. Moderate pervasive clay alteration entirely replacing feldspars.	0	0	0	0	0	0		White with brown	0	0	0	1	1	0	0	3	0	0	0	0	0	0	0	3	pervasive, splotchy	-	-	-	irreg	4	70	0.1	1mm	stringers	ser and hem	-	-	-	-	-	-	60	rubble	30	friable
181.65	182.55			And	Andesite	Continuation of andesite from 136.95-146.80m.	0.1	0	0	0	0	0	fracture controlled	Medium grey	3	0	0	2	2	0	0	2	1	0	2	3	0	0	0	1	pervasive, patchy	-	-	-	50, etc	3	20-160	2	<1mm	late stringers	white carbonate	-	-	-	-	-	-	30	friable	~30	non-planar
182.55	187.50			Mz	Monzonite dyke	Soft, competent. Splotchy moderate limonite alteration. Moderate pervasive clay alteration entirely replacing feldspars. Weakly developed stockwork of ankerite and hematite. Weak sericite alteration. Weak chlorite in pouge sections, patch of andesite, these patches are separates by chl and grey clay gouge.	0	0	0	0	0	0		White with brown	0	0	0	0	2	1	0	1	3	1	0	0	2	0	0	3	pervasive, splotchy	-	-	-	irreg	4	70	0.1	1mm	stringers	ser and hem	-	-	-	-	-	-	~30	non-planar	~70	friable
		183.55	183.75	And		Andesite patch.																																						
		183.75	184.70	Cly		Intense grey clay alteration.																																						
		185.70	185.91	BX		90% dark-grey quartz clasts are angular, little rotation if any. 10% tightly spaced (4-7mm) crackle matrix consists of limonite, ankerite and calcite. 1% pyrite blebs along contacts. Some fractures trending 80 deg tca are coated with grey clay.	1	0	0	0	0	0	blebs	Grey and brown	4	0	0	0	3	0	2	3	0	0	0	0	0	0	0	0	brecciated	-	-	-	90	4	90	3	2mm	fracture	grey clay	qtz	90	AG	lim, ank, cal	10	1	40	general trend	-	broken, non-planar
187.50	189.95			And-z		Continuation of andesite from 162.80-180.30m. Faulted, no pyrite.	0	0	0	0	0	0		Medium grey	3	0	0	2	2	0	0	2	1	0	2	3	0	0	0	1	pervasive, patchy	-	-	-	50, etc	3	20-160	2	<1mm	late stringers	white carbonate	-	-	-	-	-	-	~70	friable	-	broken
189.95	191.45			Mz-z	Faulted monzonite dyke	Soft, competent. Splotchy moderate limonite alteration. Moderate pervasive clay alteration entirely replacing feldspars. Weak sericite alteration. Increasing fracturing and grey clay toward lower contact.	0	0	0	0	0	0		White with brown	0	0	0	2	0	0	0	3	0	0	0	0	0	0	0	3	pervasive, splotchy	-	-	-	many	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	-	broken
191.45	191.90			SXVn-x	Hydrothermally brecciated quartz	Hydrothermally brecciated quartz. Chaotic appearance with indistinct matrix and clasts, both being formed from dark-grey, and milky-white quartz and sulphides, highly rotated, variable size, subangular. Subtle carbonate in trace vugs. 1-5cm wide brecciated sphalerite vein cuts through at 70 deg tca. Sphalerite is lustrous, red with occasional orange in the center of clusters/grains. 10% clustered pyrite. 1% galena blebs. Broken up, possible that not all of breccia was recovered.	10	0	1	5	0	0	brecciated	Dark-grey and white	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	pervasive, in vugs	-	-	-	irreg	4	?	100	45cm	breccia	qtz, py, sph, gal	qtz, py, sph, gal	50	SA	qtz, py, sph, gal	50	5	-	broken	-	broken
191.90	197.35			And	Andesite	Continuation of andesite from 136.95-146.80m. One 1mm quartz stringer has a 2mm hematite envelope. Limonite no longer present.	0.1	0	0	0	0	0	fracture controlled	Medium grey	3	0	0	2	2	0	0	2	1	0	2	3	0	0	0	1	pervasive	-	-	-	50, etc	3	20-160	2	<1mm	late stringers	white carbonate	-	-	-	-	-	-	-	broken	-	friable, faulted
		191.90	192.20			Alteration halo from vein above. Weak sericite and silica alteration. 5% vfg diss pyrite.	5	0	0	0	0	0	diss halo	Light grey																																
		194.80	196.65	Mz	Monzonite dyke	Same a 197.35-199.55m. Faulted, andesitic contacts, generally at 50 deg tca.																																						
		196.15	196.50	Mz	Monzonite dyke	Same a 197.35-199.55m. Faulted, andesitic contacts, generally at 50 deg tca.																																						
197.35	199.55			Mz	Monzonite dyke	Soft, competent. No limonite alteration. Moderate pervasive clay alteration entirely replacing feldspars. Cream colour. Weak hematite on fractures.	0	0	0	0	0	0		Cream colour.	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	3	pervasive, splotchy	-	-	-	irreg	4	30, 70	1	1mm	stringers	calcite	-	-	-	-	-	-	-	friable, faulted	60	sharp
199.55	234.40			And	Andesite	Continuation of andesite from 191.90-197.35m. Weak, pervasive silica alteration. Trace QSP stringers, described below. Also a few silica veins, 4-5cm wide, pink due to moderate pervasive hematite alteration which is intensified along vein boundaries and occasionally makes halos, possibly contains k-spar. These veins trend sharply at 30 and 50 deg tca. Note that patches of weak sericite alteration are not magnetic. Calcite veinlets often accompanied by ankerite.	0.1	0	0	0.1	0	0	fracture controlled	Medium grey	2	0	0	2	2	0	1	0	1	0	2	3	0	0	0	1	pervasive, patchy	-	-	-	50, etc	3	20-160	2	<1mm	stringers	white carbonate and/or QSP	-	-	-	-	-	-	60	sharp	-	rubble
		200.95	201.65	And-z		Faulted andesite rubble, moderate grey clay.																																						
		201.65	204.00	And	QSP Andesite	Moderate sericite alteration is banded at 60 deg tca. 3% carbonate stringers and 3% grey-quartz stringers at same angle. 3% fg pyrite in stringers, clusters and patches of dissemination.																																						
		207.20	207.65	Mz	Monzonite dyke	This monzonite dyke is the same as the ones we have been seeing throughout this hole. This one contains a veinlet in the center consisting of banded silica, ankerite and hematite at 60 deg tca.																																						
			209.05		Stringer	1mm discontinuous stringer of black-brown sphalerite and pyrite at 65 deg tca, 7cm banded sericite halo on either side in same direction.																																						
			209.90		Stringer with halo	9mm discontinuous stringer of black-brown sphalerite and pyrite at 60 deg tca. 0.5cm banded orange ankerite and white quartz halo, 2cm above the stringer is another smaller (<0.5mm) stringer of sph+py which is truncated by a similar stringer trending 120 deg tca (see photo for clarification). 8cm sericite halo is truncated by faulting, possibly FP.																																						
			219.40		Stringer	Carbonate stringer at 60 deg tca, 5mm wide, hairline sericite stringers with same trend make a 3mm halo on either side. This stringer contains a few blebs of pyrite and black-brown sericite.																																						
		232.25	233.40			Increasingly sericitic alteration of hanging wall.																																						
		233.40	233.70	SXVn-x		Sericite altered andesite containing brecciated quartz vein bearing sulphides. Generally tending 50 deg tca, this vein consists of mostly grey, semi-opaque quartz and tan sericite occurring as irregular clasts. 1cm thick on average the vein has a few irregular branches. Vuggy. 1% pyr

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Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field
No Surveys taken - Survey Tool Error					

Charlotte Project
DDH-11-267
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
6.50	6.50		1066405	**Blank**		<0.005	<0.1			
6.50	8.20	1.70	1066406		Andesite	<0.005	0.4			
8.20	9.90	1.70	1066407		Andesite	0.016	0.2			
9.90	11.50	1.60	1066408		Limonite & Rubble	0.967	3.9			
11.50	13.15	1.65	1066409	poor recovery	Limonite & Rubble	<0.005	0.2			
13.15	15.90	2.75	1066410	poor recovery	Limonite & Rubble	0.437	6.8			
15.90	19.25	3.35	1066411	poor recovery	Limonite & Rubble	0.027	1.0			
19.25	23.30	4.05	1066412	poor recovery	Limonite & Rubble	0.358	5.7			
23.30	24.35	1.05	1066413		Soft, Clay-Limonite-Chlorite	0.005	0.4			
24.35	27.10	2.75	1066414	poor recovery	Limonite & Rubble	0.019	2.7			
27.10	27.10		1066415	**STD: PM 436**		0.392	0.2			
27.10	29.00	1.90	1066416		Limonite Alt, Gouge & And	0.078	10.0			
29.00	30.90	1.90	1066417		Andesite	<0.005	0.2			
30.90	32.90	2.00	1066418		Contains 12cm MDk	<0.005	0.6			
32.90	34.90	2.00	1066419		Contains 15cm MDk	<0.005	0.1			
34.90	36.65	1.75	1066420		Andesite	<0.005	<0.1			
36.65	38.40	1.75	1066421		Andesite	<0.005	<0.1			
38.40	40.10	1.70	1066422		Andesite	<0.005	<0.1			
40.10	41.10	1.00	1066423		Monzonite Dyke	0.010	0.8			
40.10	41.10	1.00	1066424	**Duplicate**	Monzonite Dyke	<0.005	0.8			
41.10	42.20	1.10	1066425		Andesite	0.006	0.4			
42.20	43.90	1.70	1066426		Andesite	<0.005	0.1			
43.90	45.60	1.70	1066427		Andesite	<0.005	0.1			
45.60	46.90	1.30	1066428		Andesite	<0.005	0.1			
46.90	48.15	1.25	1066429		Andesite, Part Limonite Altn	<0.005	0.2			
48.15	50.05	1.90	1066430		Andesite	0.008	0.3			
50.05	51.50	1.45	1066431		Faulted Andesite	<0.005	<0.1			
51.50	53.50	2.00	1066432		Andesite	<0.005	0.1			
53.50	55.50	2.00	1066433		Andesite, Some Rubble	<0.005	0.1			
55.50	57.50	2.00	1066434		Andesite	<0.005	0.1			
57.50	57.50		1066435	**STD: PM 925**		>10.000	>100.0	11.4		172
57.50	58.50	1.00	1066436		Andesite, Patch w/ 5% Py	0.024	1.1			
58.50	60.30	1.80	1066437		Andesite	0.011	0.1			
60.30	62.00	1.70	1066438		Andesite	<0.005	0.2			
62.00	63.70	1.70	1066439		Andesite	<0.005	0.2			
63.70	64.63	0.93	1066440		Andesite	<0.005	0.1			
64.63	65.80	1.17	1066441		Andesite	0.013	0.1			
65.80	66.50	0.70	1066442		Andesite	0.023	0.3			
66.50	66.95	0.45	1066443		Sericite & Pyrite	0.015	0.6			
66.95	66.95		1066444	**Blank**		<0.005	<0.1			
66.95	68.50	1.55	1066445		Banded Ser & 3% Diss fg Py	<0.005	0.2			
68.50	70.58	2.08	1066446		Andesite	<0.005	0.4			
70.58	72.40	1.82	1066447		Andesite	<0.005	0.1			
72.40	74.35	1.95	1066448		Andesite	<0.005	<0.1			
74.35	75.65	1.30	1066449		Andesite	<0.005	<0.1			
75.65	77.00	1.35	1066450		Andesite	0.153	1.8			
77.00	78.80	1.80	1066451		Patch w/ 7% fg Diss Py	<0.005	0.3			
78.80	80.60	1.80	1066452		Andesite	0.016	2.1			
80.60	82.25	1.65	1066453		Andesite	<0.005	<0.1			
82.25	82.95	0.70	1066454		And, Patch of 5% Py	0.012	0.9			
82.95	82.95		1066455	**STD: PM 436**		0.370	0.2			
82.95	84.90	1.95	1066456		Andesite	<0.005	0.1			
84.90	85.90	1.00	1066457		Andesite	<0.005	0.2			
85.90	87.30	1.40	1066458		Andesite	<0.005	0.4			
87.30	89.10	1.80	1066459		Monzonite Dyke	0.012	1.0			
89.10	90.25	1.15	1066460		And w/ Patches of Mz	0.011	0.6			
90.25	92.10	1.85	1066461		And w/ Patches of Mz	0.021	0.8			
92.10	94.10	2.00	1066462		Andesite	0.010	0.6			
94.10	95.35	1.25	1066463		Andesite	0.012	0.4			
95.35	95.95	0.60	1066464		Sericite & Pyrite	0.595	8.1			
95.95	97.25	1.30	1066465		Rubble, Sericite & Pyrite	2.227	39.7			
97.25	97.25		1066466	**Blank**		0.018	0.1			
97.25	98.60	1.35	1066467		Andesite	0.035	0.6			
97.25	98.60	1.35	1066468	**Duplicate**	Andesite	0.013	0.6			
98.60	100.00	1.40	1066469		Andesite	0.011	0.3			

Charlotte Project
DDH-11-267
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
100.00	101.45	1.45	1066470		Andesite	<0.005	<0.1			
101.45	102.80	1.35	1066471		Rubble, Sericite & Pyrite	0.025	1.2			
102.80	104.20	1.40	1066472		Rubble, Sericite & Pyrite	0.013	1.2			
104.20	104.90	0.70	1066473		Semi-Massive Py & Cpy	2.158	8.5			
104.90	104.90		1066474	**Blank**		0.016	<0.1			
104.90	105.85	0.95	1066475		Andesite	0.071	1.6			
105.85	107.35	1.50	1066476		Andesite	<0.005	0.2			
107.35	109.35	2.00	1066477		Andesite	0.008	0.2			
109.35	111.35	2.00	1066478		Andesite	<0.005	<0.1			
111.35	113.20	1.85	1066479		Andesite	<0.005	<0.1			
113.20	114.90	1.70	1066480		Andesite w/ Limonite & Clay	0.020	1.0			
114.90	115.70	0.80	1066481		Andesite	<0.005	0.1			
115.70	117.15	1.45	1066482		Limonite, Sericite, Clay	0.124	1.8			
117.15	118.60	1.45	1066483		Limonite, Sericite, Clay	0.111	0.4			
118.60	119.70	1.10	1066484		Faulted Andesite	<0.005	<0.1			
119.70	119.70		1066485	**STD: PM 925**		>10.000	>100.0	11.7		170
119.70	121.00	1.30	1066486		Monzonite Dyke	<0.005	0.2			
121.00	122.90	1.90	1066487		Andesite	0.012	<0.1			
122.90	124.10	1.20	1066488		Monzonite Dyke	0.027	0.2			
124.10	125.35	1.25	1066489		Monzonite Dyke	0.009	<0.1			
125.35	126.90	1.55	1066490		Andesite	0.008	<0.1			
126.90	128.45	1.55	1066491		Andesite	0.011	<0.1			
128.45	130.35	1.90	1066492		Andesite	0.012	<0.1			
130.35	131.40	1.05	1066493		Andesite	0.009	<0.1			
131.40	133.40	2.00	1066494		Andesite	0.012	<0.1			
131.40	133.40	2.00	1066495	**Duplicate**	Andesite	0.014	<0.1			
133.40	135.15	1.75	1066496		Monzonite Dyke	0.008	0.1			
135.15	136.10	0.95	1066497		Monzonite Dyke	0.007	0.1			
136.10	137.75	1.65	1066498		Faulted Andesite	0.007	0.1			
137.75	139.70	1.95	1066499		Andesite	0.008	0.3			
139.70	141.45	1.75	1066500		Andesite	<0.005	0.1			
141.45	143.20	1.75	1066501		Andesite	<0.005	0.1			
143.20	144.70	1.50	1066502		Faulted Andesite	<0.005	0.1			
144.70	146.80	2.10	1066503		Andesite	<0.005	0.3			
146.80	147.90	1.10	1066504		Monzonite Dyke	0.027	0.4			
147.90	147.90		1066505	**STD: PM 436**		0.372	0.2			
147.90	149.65	1.75	1066506		Andesite	<0.005	<0.1			
149.65	151.40	1.75	1066507		Andesite	<0.005	0.1			
151.40	153.15	1.75	1066508		Andesite	<0.005	0.1			
153.15	154.90	1.75	1066509		Andesite	<0.005	0.1			
154.90	156.65	1.75	1066510		Andesite	<0.005	0.2			
156.65	158.10	1.45	1066511		Andesite w/ Patches of Mz	0.009	0.3			
158.10	159.40	1.30	1066512		Andesite	<0.005	0.1			
159.40	160.95	1.55	1066513		Andesite	0.115	0.5			
160.95	160.95		1066514	**Blank**		<0.005	<0.1			
160.95	162.80	1.85	1066515		Andesite	0.035	0.3			
162.80	164.60	1.80	1066516		Andesite	<0.005	<0.1			
164.60	166.15	1.55	1066517		Andesite w/ Patches of Mz	<0.005	0.1			
166.15	167.80	1.65	1066518		Andesite	0.033	<0.1			
167.80	169.45	1.65	1066519		Andesite	0.032	0.1			
169.45	171.10	1.65	1066520		Faulted Andesite	0.028	0.1			
171.10	172.80	1.70	1066521		Andesite	0.032	<0.1			
172.80	174.65	1.85	1066522		Andesite	0.029	0.1			
174.65	176.50	1.85	1066523		Andesite	0.029	0.1			
176.50	178.40	1.90	1066524		Andesite	0.029	0.1			
178.40	178.40		1066525	**STD: PM 436**		0.408	0.2			
178.40	180.10	1.70	1066526		Andesite	0.034	0.1			
180.10	181.65	1.55	1066527		Monzonite Dyke	0.030	0.1			
181.65	182.60	0.95	1066528		Andesite	0.031	0.1			
182.60	183.55	0.95	1066529		Monzonite Dyke	0.033	0.1			
183.55	184.70	1.15	1066530		Grey Clay	0.028	0.2			
184.70	185.65	0.95	1066531		Monzonite Dyke	0.031	0.2			
185.65	186.00	0.35	1066532		Quartz Breccia	3.915	1.3			
186.00	186.00		1066533	**Blank**		0.029	<0.1			
186.00	187.50	1.50	1066534		Monzonite Dyke	0.038	0.2			

Charlotte Project
DDH-11-267
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
187.50	187.50		1066535	**STD: PM 925**		>10.000	>100.0	12.1		166
187.50	188.70	1.20	1066536		Faulted Andesite	0.033	0.2			
188.70	189.95	1.25	1066537		Faulted Andesite	0.020	0.2			
189.95	191.45	1.50	1066538		Monzonite Dyke	0.058	1.3			
191.45	191.90	0.45	1066539		Hydrothermal Quartz Bx	4.016	13.8			
191.90	191.90		1066540	**Blank**		<0.005	<0.1			
191.90	192.20	0.30	1066541		Alteration Halo (Ser-Sil)	0.351	3.2			
192.20	193.95	1.75	1066542	poor recovery	Andesite	<0.005	0.1			
193.95	194.85	0.90	1066543		Andesite	<0.005	0.1			
194.85	196.50	1.65	1066544		Monzonite Dyke	<0.005	0.2			
194.85	196.50	1.65	1066545	**Duplicate**	Monzonite Dyke	<0.005	0.2			
196.50	197.35	0.85	1066546		Andesite	<0.005	0.1			
197.35	198.45	1.10	1066547		Monzonite Dyke	0.038	0.2			
198.45	199.55	1.10	1066548		Monzonite Dyke	<0.005	0.1			
199.55	201.00	1.45	1066549		Andesite	0.006	0.1			
201.00	201.65	0.65	1066550		Faulted Andesite	0.024	0.2			
201.65	202.85	1.20	1066551	poor recovery	QSP Andesite	1.241	0.5			
202.85	204.00	1.15	1066552		QSP Andesite	2.173	1.1			
204.00	205.80	1.80	1066553		Andesite	0.010	0.1			
205.80	207.65	1.85	1066554		Andesite w/ Mz Patch	0.007	<0.1			
207.65	207.65		1066555	**STD: PM 436**		0.383	0.2			
207.65	208.80	1.15	1066556		Andesite	0.006	0.1			
208.80	209.62	0.82	1066557		And w/ Py-Sph Stringer	0.006	0.2			
209.62	210.45	0.83	1066558		And w/ Py-Sph Stringer	0.018	1.4			
210.45	212.00	1.55	1066559		Andesite	<0.005	0.1			
212.00	213.70	1.70	1066560		Andesite	<0.005	0.1			
213.70	215.40	1.70	1066561		Andesite	0.013	0.2			
215.40	217.10	1.70	1066562		Andesite	0.007	0.3			
217.10	218.80	1.70	1066563		Andesite	<0.005	0.2			
218.80	219.60	0.80	1066564		And w/ Cal-Py-Sph Stringer	0.009	0.8			
219.60	219.60		1066565	**Blank**		<0.005	<0.1			
219.60	221.30	1.70	1066566		Andesite	0.017	0.3			
221.30	223.00	1.70	1066567		Andesite	0.009	0.4			
223.00	225.00	2.00	1066568		Andesite	<0.005	0.3			
225.00	227.00	2.00	1066569		Andesite	0.012	0.2			
227.00	229.00	2.00	1066570		Andesite	0.029	0.2			
229.00	230.95	1.95	1066571		Andesite	0.056	0.3			
230.95	232.30	1.35	1066572		Andesite	0.023	0.4			
232.30	233.35	1.05	1066573		Sericite Alteration	0.017	0.5			
233.35	233.35		1066574	**STD: PM 925**		>10.000	>100.0	11.6		163
233.35	233.90	0.55	1066575		And w/ Py-Sph-Gal Breccia	0.338	4.7			
233.90	234.45	0.55	1066576		And w/ Py-Sph-Gal Veining	0.898	6.7			
234.45	234.45		1066577	**Blank**		<0.005	<0.1			
234.45	235.60	1.15	1066578		Monzonite Dyke	0.038	0.3			
235.60	236.80	1.20	1066579		Monzonite Dyke	0.064	0.3			
236.80	237.30	0.50	1066580		Andesite	0.019	0.1			
237.30	239.35	2.05	1066581		Monzonite Dyke	0.014	0.2			
239.35	240.50	1.15	1066582		Andesite	<0.005	0.2			
240.50	242.00	1.50	1066583		Andesite	0.014	0.2			
242.00	243.50	1.50	1066584		Andesite w/ Mz Patch	0.006	0.2			
243.50	244.90	1.40	1066585		Andesite	0.017	0.2			
243.50	244.90		1066586	**Duplicate**	Andesite	0.009	0.2			
244.90	246.34	1.44	1066587		Andesite	<0.005	0.1			
246.34	EOH									

Charlotte Project
DDH-11-268
Drill Log Summary and Cover Sheet

Hole Id: **DDH-11-268**
Property: **Charlotte**
Area: **Orloff-King Zone**
Client: **Ansell Capital Corp.**

Logged By: **A. Paquet**
Date Logged: **August 12-15, 2011**

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	NAD83, Zone 8		
Easting:	386753.62 mE	Azimuth:	065 °
Northing:	6883428.72 mN	Dip:	-50 °
Elevation:	1469.18 m	Length:	

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	386766 mE	Azimuth:	060 °
Northing:	6883444 mN	Dip:	-50 °
Elevation:		Length:	150 m

Drilling Information:

Contractor:	DJ Drilling
Core Diameter:	HQ
Start Date:	26-Jul-2011
End Date:	29-Jul-2011
Casing In:	No
Casing Capped:	No
Units:	Metric

Hole Objective:
Drilling Ag-Au-Cu trench anomaly (20m at 8.6gpt Ag).

Lithology Summary

From	To	Lith	Comment
0.00	3.75	OB	
3.75	11.25	And	
11.25	14.20	Alt	
14.20	63.70	And	
63.70	79.80	BX	
79.80	105.20	And-x	
105.20	106.35	And	
106.35	116.45	QP-x	
116.45	121.40	And	
121.40	122.60	Mz	
122.60	127.65	And	
127.65	129.70	And-z	
129.70	135.37	And	
135.37	141.40	And-z	
141.40	146.88	And	
146.88	155.40	Mz	
155.40	160.06	And-z	
160.06		EOH	

Hole Summary:
DDH-11-268 is dominated by andesite, compositionally similar to DDH-11-267, also in the Orloff-king zone. The major difference between these two holes is much of the andesite occurs a cataclastic/hyaloclastite in this hole, which seems to be more conducive to mineralization. The hole collars into a thick andesitic flow, moderately altered by limonite and containing trace fracture and stringer controlled pyrite. From 63.70-116.45m, DDH-11-268 is highly brecciated, including strongly sericitic hyaloclastite (protolith was likely andesitic), andesitic hyaloclastite and brecciated quartz porphyry. This brecciated section has on average 2% pyrite, disseminated, cubic, in stringers and as alteration rims on clasts, as well as trace sphalerite and galena in stringers. One of the more promising sections is in the sericitic hyaloclastite from 75.15-75.70m which contains 10% clustered pyrite, 5% clustered sphalerite and 1% galena blebs. A few scattered stringers of pyrite, sphalerite and galena are found in the andesitic hyaloclastite which lies from 79.80-105.20m. Another interesting section is found from 112.75-116.45m, which contains 10% disseminated pyrite and phyllic alteration and lies in the brecciated quartz porphyry. The remainder of the hole, up to 160.06m (end of hole), is thick andesite flow, often faulted, and intruded by monzonite dykes bounded by cm scale faults.

Charlotte Project
DDH-11-268
Detailed Log

Hole Id:	DDH-11-268
Logged By:	A. Paquet

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization							Alteration												Foliation	Shearing		Fractures		Veins				Brecciation				Upper Contact		Lower Contact	
From	To	From	To	Code			Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Maq	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	%Vn	Width	Type	Minerals	Clasts	%Clasts	Rounding	Matrix	%Matrix	Intensity	to CA	Description	to CA	Description
0.00	3.10			OB	Casing	Overburden, not recovered.																																							
3.10	3.75			OB	Overburden	Overburden, recovered, not sampled.																																								
3.75	11.25			And	Andesite	Medium grained, medium grey, thick andesite flow. Hardness varies from 4 to 5, subtly to moderately silicified, no primary quartz observed. 60% white semi-opaque phenocrysts of feldspar, 0.5-1.5mm in diameter, cleavage is non-planar due to weak alteration by white clay, probably mostly plagioclase (possibly latte-andesite). 15% matic needles no more than 1.5mm long and <<0.5mm wide, micaceous lustre, soft, amphiboles entirely replaced by biotite, weakly aligned due to flow at 40 deg tca. 15% phenocrysts altered to medium-green chlorite and biotite, <1mm, irregular shape, not sure what primary mineral was (pyroxene?). Trace interstitial epidote. Weakly magnetic, no magnetite observed, must be very fine grained and interstitial. Trace pyrite, stringers and fracture controlled. 0-1% late stage white calcite stringers, 3 to <1mm, at 50 and 80 deg tca, probably is a late stage process related to Ca leaching out of feldspars during weak clay alteration. Weak interstitial carbonate. Weak to strong patchy limonite weathering, often associated with rubbly portions of andesite. Frequently (every 10-30cm) fractured at several angles, 50 deg tca is most common. Healed fractures occasionally have a <1cm tan coloured halo affecting only the feldspar phenocrysts, probably sericite, some carb. Start of hole is mostly rubble, competent portions are not much more than a few dm until about 20m. This is the dominant lithology in the OK-Zone.	0.1	0	0	0	0	0	stringers and fracture controlled	Medium-grey	1	0	0	1	2	0	0	3	0	0	2	3	0	1	0	2	pervasive, stringers	-	-	-	40-130	3	50, 80	0.1	1-3mm	late stage stringers and veinlets	calcite	-	-	-	-	-	-	n/a	start of hole	-	5cm of clay
		10.80	11.35			Strongly limonite altered rubble.																																								
11.25	14.20			Alt	Intense limonite alteration	Intense limonite alteration and moderate white clay alteration obliterates original texture and mineralogy. 8% dendritic manganese percolating from healed fractures at no preferred orientation. Upper contact is 5cm of yellow and white dirty clay, lower contact is obscured by rubble and clay. No mineralization or veining to speak of. Protolith is probably andesite or monzonite.	0	0	0	0	0	0		Brown	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	2	pervasive	-	-	-	20-130	4	-	-	-	-	-	-	-	-	-	-	-	-	-	5cm of clay	-	clay and rubble
14.20	63.70			And	Andesite	Continuation of 3.15-11.35m. White calcite often on fracture surfaces, occasionally also maroon hematite.	0.1	0	0	0	0	0	stringers and fracture controlled	Medium-grey	1	0	0	1	2	0	0	3	0	0	2	3	0	1	0	2	pervasive, stringers	-	-	-	30-130	3	50, 80	0.1	1-3mm	late stage stringers and veinlets	calcite	-	-	-	-	-	-	-	clay and rubble	60	2cm of friable andesite fading into monzonite
		15.05	18.45	And-z	Faulted andesite	Strong limonite and moderate clay alteration. Dirty brown colour, mostly rubble.								Dirty brown																																
			28.05			Ankerite vein, 2cm wide, trending 50 deg tca. Hanging wall is strongly limonite altered for 4cm above vein. Sericite alteration halo for 20cm in foot wall. Cross-cut by a 1mm pyrite stringer at 140 deg tca which has a 1mm limonite envelope.																																										
			28.65			1cm pyrite veinlet with limonite in handing wall and calcite in footwall. Slightly irregular trending 60 deg tca.																																										
		31.20	31.70			3% pyrite, disseminated mg cubes and stringers, weak silica, sericite and chlorite alteration. Rubble, contacts unclear, possibly dyke.	3	0	0	0	0	0	cubes, stringers	Light grey																																			
		34.45	35.45	Gd/Alt	Altered intrusion?	Rubble mish-mash of intense limonite altered rock and moderately sericite and limonite altered granodiorite. Likely intrusion, no chill margins found due to rubble. Texture of granodiorite is preserved but strong white clay alteration has overprinted the original mineralogy. No mineralization or veining to speak of.	0	0	0	0	0	0																																				
63.70	79.80			BX	Cataclastic breccia	Cataclastic brecciated zone. Fine grained groundmass comprises chlorite, sericite and montmorillonite. Tan and dark-green colour, splotchy mixture. Clasts are of the same material generally, hyalioclastic, many of them do not have distinct boundaries (hard to estimate clast:matrix ratio, 20:80?). Clasts vary from dark-green to light grey in colour and occasional have chloritized rims; they are poorly sorted, mm to cm scale, poorly rounded, angular to rounded. Most of the larger, angular clasts (15% overall) are weakly magnetic andesite, no other magnetite in this unit except the stringer described below. Fractures every 20-30cm have no preferred orientation and are often stained with limonite which percolates into rock up to 4mm from fractures. Weakly developed crackle breccia by 1% ankerite. Irregular stringers of 0.5% montmorillonite, occasionally associated with ankerite. 1% irregular pyrite stringers. No quartz. 3% vfg disseminated pyrite is patchy.	4	0	0	0	0	0	diss, stringer	Splotchy dark-green and tan	0	0	0	3	0	0	2	2	0	0	1	3	0	0	0	2	splotchy	-	-	-	many	3	-	1	1-2mm	irregular	montmorillonite	And, (ser, chl)	20	AG-RD	chl, ser	80	5	60	2cm of friable andesite fading into monzonite	-	irregular, grades over 2cm
		63.70	64.50	Mz	Monzonite (?)	The beginning of the breccia seem to be a monzonite unit with 50% clay (replaced plag) and 40% sericite (replaced alkali feldspar). Not significantly brecciated at the start, gradually fades into the cataclastic breccia described above.	0	0	0	0	0	0		Tan																																		
		67.95	69.65	BX	Strong sericite	Section of strong sericite alteration overprints most of brecciation and chlorite (still weakly visible). 3% stockwork of hairline pyrite, ankerite and limonite, no alteration halos, generally at 40 deg tca, less frequently at 40 deg tca. A cross-cutting veinlet of 3mm ankerite offsets the stockwork in one place by 0.5cm. 1% irregular stringers of montmorillonite. 1% pyrite overall, vfg disseminated and fine stringers.	1	0	0	0	0	0	diss, stringer	Tan																																			
			68.30			Magnetite stringer. 4mm at 40 deg tca. Hard, black. Cross-cutting ankerite stringer at 150 deg tca has three branches space 2-3mm apart; tourmaline is altered to a reddish colour for 1mm surrounding this stringer, hematite(?).																																										
		69.65	69.80	FZ		Friable carb, clay and chlorite fault at 60 deg tca. 4cm above fault is a 1cm pyrite veinlet trending 50 deg tca.																																										
		69.80	70.35	And	Silicified Andesite	Strongly silicified andesite.																																									
		70.35	70.50	FZ		Friable carb, clay and chlorite fault generally trending 40 deg tca. 1% mg pyrite cubes. 13cm below this fault is a 0.5cm veinlet of clustered pyrite with an ankerite halo, slightly irregular, containing a few small blebs of brownish-black sphalerite. Pyrite blebs occur for a few cm above an below the veinlet.																																										
		70.50	70.90	BX	Strong sericite	Another zone of strong sericite 1% pyrite overall, vfg disseminated and fine stringers.	1	0	0	0	0	0	diss, stringer	Tan																																		
		70.90	71.00	FZ		Friable carb, clay and chlorite fault at 60 deg tca.																																									
		75.15	75.70	BX	Sulphide breccia	50% matrix of creamy white ankerite, 70% clasts are angular, moderately rotated, mm-cm scale, and are often comprised of some or all sulphides. 10% clustered pyrite, 5% clustered sphalerite and 1% galena blebs. No visible quartz, not magnetic.	10	0	1	5	0	0	in clasts	Light grey and creamy white																																			
		75.70	76.65	BX	Strong sericite	Another zone of strong sericite, 1% pyrite overall, vfg disseminated and fine stringers.	1	0	0	0	0	0	diss, stringer	Tan																																		
		76.65	78.20	And	Silicified Andesite	Strongly silicified, subtly magnetic andesite. Gradual upper contact generally trending 50 deg tca.																																									
		78.20	78.30	FZ		Friable carb, clay and chlorite fault, non-planar contacts generally at 25 deg tca.																																									
		78.30		BX	Moderate sericite, weak chlorite	Moderate sericite, chlorite drops to weak. 10% ankerite crackle, veinlets at no preferred angle, 2-5mm wide, occasionally cross-cut by calcite stringers at 150 deg tca. Trace sphalerite in 0.2mm stringer with pyrite at 130 deg tca. 1% pyrite in groundmass, vfg disseminations and in hairline, irregular stringers.	1	0	0	0.1	0	0	diss, stringer	Tan																																			
79.80	105.20			And-x	Brecciated Andesite	Dark greenish-grey and tan brecciated andesite. Hyalioclastic textures with clasts of 25% magnetic andesite and 25% sericitic/chloritic rock, subangular. Strong silica alteration obscures some of the grain boundaries, which occasionally have halos. Greenish hue indicates weak-moderate chlorite alteration. 50% matrix is magnetic andesite or sericitic/chloritic rock, clasts and matrix alternate compositionally (i.e. tan in dark-grey or dark-grey in tan). Clasts are typically 2-6cm in diameter and f-mg, grains are hard to distinguish due to silica overprint. Patchy weak sericite alteration, cm-dm scale, forms softer, tan halos around ankerite veinlets. Ankerite veinlets trend 40-50 deg tca and range from 3mm-3cm wide, 0.5% overall. 1% carbonate crackle texture, white, probably calcite, needs to be scratched to fizz and is slightly harder than typical calcite, possibly overprinted by silica alteration? This would indicate that the silica alteration occurred after the clay alteration phase that forced the Ca out of the plagioclase. Part of same cataclastic event as the breccia above, confirmed by gradual contact and same style of mineralization (py+sph stringers with trace galena). 0.5% vfg disseminated pyrite, occasionally in stringers, less prevalent in zones of chlorite alteration.	0.5	0	0	0	0	0	vfg diss	Dark greenish-grey and tan	4	0	0	2	2	0	0	2	0	0	0	2	2	0	0	0	0	pervasive, patchy	-	-	-	40-60, 140	4	40-50	0.5	3mm-3cm	ank	ank (ser, py)	And, ser	50	SA	And, ser	50	5	-	irregular, grades over 2cm	50	Sharp, followed by 10cm of clay+ser gouge
		86.70	89.00	BX	Strong sericite	Soft rock, strong sericite alteration, weak patchy chlorite. 0.7cm veinlet at 87.00m at 30 deg tca is ankerite, brownish-sphalerite, pyrite and galena. Hairline sericite envelope. From 87.10-87.17m there is semi-massive pyrite with 1% galena. Gradual faulted upper contact at 50 deg tca. 0.5% disseminated fg pyrite.	0.5	0	0.1	0.1	0	0	stringers	Tan																																			
		88.70	89.00			Rubble, ends with 7cm of clay. 3% cubic pyrite near upper contact, which is gradual.	0.1	0	0	0	0	0	cubes	Tan and grey																																			
		89.00	90.50	Alt-xz		Upper contact is abrupt and occurs at a drill bit change. Strongly limonite altered rubble. 3% of these chunks of rubble are sericitic and contain 5% fg disseminated pyrite. At 89.90m, 5cm of semi-competent core contains angular limonitic clasts in a 10% crackle matrix of limonite gouge; this is truncated by a sharp feature at 70 deg tca which is followed by 100% limonite gouge.	1	0	0	0	0	0	patchy diss	Orangey brown																																			
		90.05	91.70	And-x	Patchy ser in andesite breccia	Interfingered decimetre scale patches of brecciated magnetic andesite and strong sericite alteration. Dark-grey patches are only moderately silica altered. Gradual contacts generally trend 50-60 deg tca.	0.1	0	0	0	0	0	diss	Dark greenish-grey and tan																																			
		91.70	92.50	BX	Strong sericite	Strong sericite patch. At 92.50m, 3cm of smooth creamy-tan coloured clay.	0.1	0	0	0	0	0	diss	Tan																																		
		93.75	94.65	BX	Strong sericite	Strong sericite patch. Trace pyrite, galena and sphalerite stringers.	0.1	0	0.1	0.1	0	0	stringers	Tan																																		
		94.65	105.20	And-x		Weak hematite. Magnetite drops to subtle.	0.5	0	0	0	0	0	vfg diss	Dark greenish-grey	4	0	0	2	2	0	0	2	0	0	1	2	0	0	0	0	pervasive, patchy	-	-	-	40, 50, 80	3	40-50	0.1	1mm-3cm	ank	ank, cal	And, ser	50	SA	And, ser	50	5				
105.20	106.35			And	Altered Andesite	Medium grey with hints of brownish-yellowy green and purple, unusual andesite. Fine grained. 60% cr rock is alteration with an unusual texture, a network of interconnected irregular splotches with sharp boundaries; it is soft and the colour is not homogeneous, mm scale alternating splotches of brownish-yellow and brownish-green, mostly sericite with chlorite mixed in (?). The remaining 40% seems to a fine grained mixture of white clay flecks, and weak interstitial hematite and chlorite. Trace pyrite blebs and discontinuous stringers <0.2mm wide and <1.5cm long, generally trending 70 deg tca. Not magnetic.	0.5	0	0	0	0	0	blebs, fine stringers	Medium grey with hints of brownish-yellowy green and purple	0	0	0	3	0	0	0	0	2	0	0	2	0	0	0	2	network of splotches	-	-	-	50	3	50	0.1	2mm	carb	calcite	-	-	-	-	-	-	50	Sharp,10cm gouge	-	broken
106.35	116.45			QP-x	Quartz porphyry, hyalioclastic breccia	Hyalioclastic breccia, similar to the sericitic portions seen in the andesite above. Tan colour. Broken upper contact makes relationship to previous unit difficult to describe. 20% 1-5mm translucent quartz-eyes. Matrix is strongly sericitic and makes up 60% of the unit. 20% subrounded clasts are also sericitic, 3mm-2cm wide, often with slightly lighter tan colour reaction rims. Chaotic cataclastic appearance. 3% pyrite is patchy and varies in style, vfg disseminations, stringers and replacing clasts. Weak chlorite coats some fractures. Veining is variable, 1% overall: 3mm pyrite with hairline sericite envelope at 70 deg tca; 3mm veinlet at 40 deg tca of gray-translucent-soft mineral with white streak, sharp contacts, containing angular rotated <3mm clasts of QP-x; and a couple of 3mm quartz-carbonate veinlets at 60 deg tca. Trace stockwork of orangey-tan clay often at 70 deg tca offset by hairline healed fractures at 20 deg tca. Moderately to strongly fractured at no preferred angle. Lith code could be changed to BX.	3	0	0	0	0	0	stringers, diss	Tan	0	0	0	4	1	0	0	1	0	0	0	2	0	0	0	1	pervasive	-	-	-	many	3.5	40, 60, 70	1	3mm	various	see description	ser	20	SR	ser with qtz-eyes	80	5	-	broken	-	gradual, rubble
		106.35	108.55			Contains medium grey splotches 2-6mm wide, possibly once clasts, not sure what causes colour change, white streak, soft, possibly flecks of black chlorite in sericite? 10% angular clasts up to 5cm in diameter are not magnetic but look like andesite. 5% pyrite altering clasts and in stringers clusters an cubes.	5	0	0	0	0	0	varied	Tan	0	0	0	4	1	0	0	1	0	0	0	2	0	0	0	1	pervasive																				
			111.05			Chlorite and sericite slickensided, movement seem to be up thrust. 30 deg tca.																																									
		112.75	116.45			Weak limonite enters system. 7% pyrite stockwork, 2-3mm wide, 3% pyrite as m-cg cubes and clusters. Weak white and grey clay alteration is patchy. Small decimetre scale patches are brecciated by translucent quartz, sometimes dark grey (with sulphides?). Moderately vuggy. 1% irregular carbonate veining. No chlorite. Strongly fractured at no preferred angle.	10	0	0	0	0	0.1	varied	Tan, white and grey	2	0	0	2	2	0	0	2	1	0	0	0	0	0	0	2	patchy																				
116.45	121.40			And	Andesite	Medium grained, medium grey, thick andesite flow. Moderately silicified, no primary quartz observed. 60% white semi-opaque phenocrysts of feldspar, 0.5-1.5mm in diameter, cleavage is non-planar due to weak alteration by white clay, probably mostly plagioclase (anorthite). 15% matic needles no more than 1.5mm long and <<0.5mm wide, micaceous lustre, soft, amphiboles entirely replaced by biotite, weakly aligned due to flow at 40 deg tca. 15% phenocrysts altered to medium-green chlorite and biotite, <1mm, irregular shape, not sure what primary mineral was (pyroxene?). Trace interstitial epidote. Weakly magnetic, no magnetite observed, must be very fine grained and interstitial. Trace pyrite, stringers and fracture controlled. 1% late stage white calcite stringers, 2cm to <1mm, at 0-120 deg tca. Weak interstitial carbonate. Frequently (every 10-30cm) fractured at several angles, 50 deg tca is most common. Healed fractures occasionally have a <1cm tan coloured halo affecting only the feldspar phenocrysts, probably sericite, some carb.	0.1	0	0	0	0	0	stringers and fracture controlled	Medium-grey	3	0	0	1	2	0	0	1	0	0	2	3	0	1	0	2	pervasive, stringers	-	-	-	40-130	3	0-120	1	1-3mm	late stage stringers and veinlets	calcite	-	-	-	-	-	-	-	gradual, rubble	50	chlorite stringer
		116.45	117.30	Mz	Monzonite Dyke	Monzonite as described from 121.40-122.60m. Hematite and limonite on slickenside at 117.10m. Broken upper contact, lower contact is 5cm of chl-carb-cly fault gouge.																																									
		117.30	118.15	And-z	Faulted andesite	60% competent andesite, 50% chl-carb-cly fault gouge. A hematite and carbonate slickenside at 118.00m trends 25 deg tca, footwall moving up hole at 60 deg tca.																																									
			118.75			Ankerite veinlet trending 60 deg tca, 3mm wide with 20cm sericite halo on either side.																																									
		119.10	120.05	Mz	Monzonite Dyke	Tan-white monzonite unit with 50% clay (replaced plag) and 35% sericite (replaced alkali feldspar), Mg, equant, moderately sericite altered, 5% fine flecks of hematite. Trace irregular calcite stringers, upper contact is 5cm of chl-carb-cly fault gouge at 50 deg tca, lower contact is sharp at 70 deg tca.																																									
		120.05	121.40	Dk	Mafic dyke	This dyke is medium green with 90% vfg groundmass moderately chloritized and weakly carbonate altered. Slightly porphyritic texture with 5% 2-3mm irregular phenocrysts altered to sericite and chlorite. 5% clasts(?) of sub-angular hematite with carbonate reaction rims, oriented at 60 deg tca indicating flow. Possibly a pyroclastic flow or ashfall. Upper contact at 70 deg tca has 1cm of dark-grey chill margin. Lower contact is a non-planar chl-ser-	stringer generally trending 50 deg tca.																																										
121.40	122.60			Mz	Monzonite Dyke	Tan-white monzonite unit with 50% clay (replaced plag) and 35% sericite (replaced alkali feldspar), Mg, equant, moderately sericite altered. 5% fine flecks of hematite. Trace stringers of carbonate, chlorite and/or sericite, trace hematite. Slickenside at 121.60m. No mineralization to speak of. First 5cm is brecciated.	0	0	0	0	0	0		Tan-white	0	0	0	3	2	0	1	0	2	0	0	1	0	0	0	3	pervasive, interstitial	-	-	-	50	3	70-80	0.1	<1mm	stringers	carb, ser, chl, (hem)	-	-	-	-	-	-	50	chlorite stringer	-	5cm of carb, chl, cly fault gouge
122.60	127.65			And	Andesite	Continuation of 116.45-121.40m. Trace hematite and limonite on calcitic fractures (veinlets)	0.1	0	0	0	0	0	fracture controlled	Medium-grey	3	0	0	1	2	0	0	1	1	0	2	3	0	1	0	2	pervasive, stringers	-	-	-	40-130	3	0-120	1	1mm-2cm	late stage	calcite	-	-	-	-	-	-	-	5cm of carb, chl, cly fault gouge	~60	broken, non-planar
		123.05	123.40			Ankerite veinlet trending 70 deg tca, branching, 1cm wide with 10cm sericite halo on either side, and a few cm of chl-carb-cly fault gouge on either side of the halo, also trending 70 deg tca. Could be an intrusion.																																									
		125.20	125.60	And-z	Faulted andesite	Chl-carb-cly fault gouge, upper contact at 60 deg tca, lower at 30 deg tca.																																									
127.65	129.70			And-z	Faulted andesite	95% chl-carb-cly fault gouge (contains magnetite), remainder is competent andesite. Lower 30cm contains 30% carbonate veinlets, splayed and branching, generally 1-4mm wide, surrounded by gouge and often broken. One competent calcite vein is 3cm wide, trending 60 deg tca and has a splotch of limonite. A few splotches of limonite throughout the gouge. Trace pyrite cubes.	0.1	0	0	0	0	0	fg cubes	Medium and light grey	0	0	0	0	0	3	0	0	2	0	0	2	3	0	0	0	1	gouge	-	-	-	-	5	60, etc	15	1mm-3cm	late stage	calcite	-	-	-	-	-	-	~60	broken, non-planar	-	broken
129.70	135.37			And	Andesite	Continuation of 116.45-121.40m. Trace hematite and limonite on calcitic fractures (veinlets).	0.1	0	0	0	0	0	fracture controlled	Medium-grey	3	0	0	1	2	0	0	1	1	0	2	3	0	1	0	2	pervasive, stringers	-	-	-	40-130	3	0-120	1	1mm-2cm	late stage	calcite	-	-	-	-	-	-	-	broken	-	broken, followed by clay gouge
135.37	141.40			And-z	Faulted andesite	Continuation of 116.45-121.40m, but moderate limonite on fractures which occur every 10-15cm or less. Trace calcite veining.	0.1	0	0	0	0	0	fg cubes	Medium-grey	0	0	0	0	3	0	0	3	0	0	2	3	0	0	0	1	gouge	-	-	-	-	5	50	0.1	<2mm	late stage	calcite	-	-	-	-	-	-	-	broken, followed by clay gouge	-	broken, rubble
		135.37	135.55	FZ		Brownish grey clay with 5% micas, 10% small limonite altered rock fragments (<5mm and angular). Mark start of faulted andesite.																																									
141.40	146.88			And	Andesite	Continuation of 116.45-121.40m. A few small 2-3cm sections of faulted gouge have gradual contacts and trend 60 deg tca. 1% ankerite veinlets 1-3mm, occasionally with 1cm alteration halos of sericite(?), rare halos have hematite.	0.1	0	0	0	0	0	fracture controlled	Medium-grey	3	0	0	1	2	0	0	1	1	0	2	3	0	1	0	2	pervasive, stringers	-	-	-	40-130	3	0-120	1	1mm-2cm	late stage	calcite	-	-	-	-	-	-	-	broken, rubble	-	non-planar, limonite gouge
		145.45	145.80			Altered andesite or dyke? White colour, half-rubble, 70% mg equant white clay phenos with 20% interstitial chl and 10% interstitial hem. Upper contact at 40 deg tca is at sharp ankerite veinlet at 60 deg tca with 5cm halo into andesite. Sharp lower contact at 65 deg tca is hem and ank veinlet with no halo.								White																																			
		146.25	146.50			Altered andesite or dyke? White colour, half-rubble, 70% mg equant white clay phenos with 20% interstitial chl and 10% interstitial hem. Upper contact at 40 deg tca is sharp with slight clay halo in andesite, lower contact is 1cm gradation at 30 deg tca.								White																																		
146.88	155.40			Mz	Monzonite Dyke, etc	Monzonite dyke interlingered with andesite and clay breccia, as described below.	0.1	0	0	0	0	0	w/ sil	Tan, white and grey	1	0	0	2	2	0	1	3	2	0	1	2	0	0	0	2	patchy	-	-	-	many	4	60	3	7cm	breciciated	dark grey qtz, py, gal	Mz	30	SR	white clay	70	4	-	non-planar, limonite gouge	30	faulted andesite
		148.88	148.85	Mz	Monzonite Dyke	50% clay altered feldspars are equant and ~1mm. 30% interstitial orangey sericite.10% interstitial hematite. Fractured on average every 4-10cm, moderate limonite on fractures.	0	0	0	0	0	0		Tan with pinkish hue																																					
			149.35	Vn		Brecciated vein of friable limonite, white clay and dark grey quartz generally trending 70 deg tca.																																									
		148.85	149.75			Moderate patchy chlorite alteration in monzonite? Sericite stringers at 0-20 deg tca are branching, brecciated, with trace hematite and weak sericite halos. Gradual upper contact, sharp lower contact with 2cm of chl-cly-carb gouge trending 50 deg tca.																																									
		149.75	150.10	And		Typical andesite with faulted contacts at 50 deg tca.																																									
		150.10	150.95	Mz	Monzonite Dyke	50% clay altered feldspars are equant and ~1mm. 30% interstitial orangey sericite.10% interstitial hematite. Fractured on average every 4-10cm, moderate limonite on fractures.																																									
			150.65			14cm brecciated vein of dark grey quartz with moderate limonite altering splayed fractures, 1% blobby pyrite and trace galena and sphalerite, fabric generally trends 60 deg tca. Irregular contacts.	1	0	0.5	0.5	0	0		Medium grey																																					
		150.95	151.40	Cly-x		70% white clay matrix with 30% subangular clasts 0.5-5cm in diameter, monomictic, monzonite with ankerite veinlets. Poorly sorted, highly rotated, impossibly to reconstruct.																																									
		151.40	152.65			Moderately limonite altered monzonite rubble.																																									
		152.65	156.40	Mz	Monzonite Dyke	50% clay altered feldspars are equant and ~1mm. 30% interstitial orangey sericite.10% interstitial hematite. 1% irregular ankerite veinlets.																																									
155.40	160.06			And-z	Faulted andesite	50% typical andesite, 50% chl-cly-carb gouge 10-30cm wide with rubbly contacts.	0.1	0	0	0	0	0	fracture controlled	Medium-grey	2	0	0	0	2	0	0	1	1	0	2	3	0	1	0	2	pervasive, stringers	-	-	-	50, etc	4	0-120	1	1mm-2cm	late stage	calcite	-	-	-	-	-	-	30	faulted andesite	n/a	EOH
106.06					EOH																																													

Charlotte Project
DDH-11-268
Down Hole Survey

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field	Comments
40	12.20	61.2	83.7	-48.7	56375	erroneous removed from interpretation
50	15.24	47	69.5	-48.7	59488	erroneous removed from interpretation
60	18.29	38.2	60.7	-48.9	58288	erroneous removed from interpretation
70	21.34	43.3	65.8	-49	58214	
80	24.39	44.8	67.3	-49.1	57415	
90	27.44	42.6	65.1	-49	57019	
100	30.49	45	67.5	-49.1	58250	
110	33.54	43.1	65.6	-49.3	57033	
120	36.59	39.1	61.6	-49.2	57173	
130	39.63	42.8	65.3	-49.1	56971	
140	42.68	42.8	65.3	-49.2	56910	
150	45.73	44.7	67.2	-49.3	57178	
160	48.78	45.1	67.6	-49.4	58589	
170	51.83	42.7	65.2	-49.2	56375	
180	54.88	42.5	65	-49.2	56984	
190	57.93	47.4	69.9	-49.3	57463	
200	60.98	45.2	67.7	-49.4	56641	
210	64.02	41.3	63.8	-49.2	56844	
220	67.07	42.1	64.6	-49.2	57032	
230	70.12	42.1	64.6	-49.3	57103	
240	73.17	41.8	64.3	-49.3	57495	
250	76.22	42.2	64.7	-49.4	57449	
260	79.27	43	65.5	-49.4	57587	
270	82.32	41.5	64	-49.3	57545	
280	85.37	43.5	66	-49.3	57694	
290	88.41	40.7	63.2	-49.2	57606	
300	91.46	42.3	64.8	-49.4	57625	
310	94.51	42.5	65	-49.4	57512	
320	97.56	41	63.5	-49.3	57815	
330	100.61	32.9	55.4	-49.3	56620	erroneous removed from interpretation
340	103.66	41.7	64.2	-49.3	57695	
350	106.71	42.5	65	-49.4	57736	
360	109.76	42	64.5	-49.3	57854	
370	112.80	41.4	63.9	-49.3	57884	
380	115.85	40	62.5	-49.4	57965	
390	118.90	40.5	63	-49.5	57628	
400	121.95	39.2	61.7	-49.5	57544	
410	125.00	49.1	71.6	-49.5	58469	
420	128.05	45.8	68.3	-49.4	56479	
430	131.10	40.1	62.6	-49.3	56995	
440	134.15	44.8	67.3	-49.7	56703	
450	137.20	43.9	66.4	-49.5	56848	
460	140.24	44.7	67.2	-49.4	56116	
470	143.29	43.8	66.3	-49.6	57641	
480	146.34	42.4	64.9	-49.5	57292	
490	149.39	39.6	62.1	-49.6	57063	
500	152.44	40.7	63.2	-49.9	57280	
510	155.49	40.8	63.3	-49.9	57179	

Charlotte Project
DDH-11-268
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
3.75	3.75		1066588	**Blank**		<0.005	<0.1			
3.75	8.22	4.47	1066589	poor recovery	Andesite	<0.005	0.2			
8.22	9.80	1.58	1066590		Andesite	<0.005	0.8			
9.80	11.25	1.45	1066591		Andesite	0.010	1.0			
11.25	12.80	1.55	1066592		Intense Limonite	0.010	2.1			
12.80	14.20	1.40	1066593	poor recovery	Intense Limonite	0.007	0.5			
14.20	15.10	0.90	1066594		Andesite	<0.005	0.2			
15.10	16.75	1.65	1066595		Faulted Andesite	0.065	2.4			
16.75	18.45	1.70	1066596		Faulted Andesite	0.013	0.4			
18.45	20.20	1.75	1066597		Andesite	<0.005	0.1			
20.20	20.20		1066598	**STD: PM 436**		0.412	0.2			
20.20	22.00	1.80	1066599		Andesite	0.022	1.4			
22.00	24.00	2.00	1066600		Andesite	0.007	0.3			
24.00	25.98	1.98	1066601		Andesite	<0.005	0.1			
25.98	28.10	2.12	1066602		Andesite	0.044	0.2			
28.10	29.05	0.95	1066603		Andesite	0.008	0.6			
29.05	30.50	1.45	1066604		Andesite	<0.005	0.1			
30.50	32.50	2.00	1066605		Andesite	0.006	0.7			
32.50	34.45	1.95	1066606		Andesite	0.005	0.2			
34.45	35.45	1.00	1066607		Clay Granodiorite/Intense Lim	0.015	0.2			
35.45	37.45	2.00	1066608		Andesite	0.012	0.3			
35.45	37.45	2.00	1066609	**Duplicate**	Andesite	<0.005	0.2			
37.45	39.45	2.00	1066610		Andesite	<0.005	<0.1			
39.45	41.45	2.00	1066611		Andesite	<0.005	<0.1			
41.45	43.45	2.00	1066612		Andesite	<0.005	0.2			
43.45	45.45	2.00	1066613		Andesite	0.007	0.1			
45.45	47.45	2.00	1066614		Andesite	<0.005	0.2			
47.45	49.45	2.00	1066615		Andesite	0.010	0.2			
49.45	51.45	2.00	1066616		Andesite	0.005	0.3			
51.45	53.45	2.00	1066617		Andesite	<0.005	<0.1			
53.45	53.45		1066618	**STD: PM 925**		>10.000	>100.0	11.0		160
53.45	55.45	2.00	1066619		Andesite	0.020	0.7			
55.45	57.45	2.00	1066620		Andesite	0.034	0.9			
57.45	59.45	2.00	1066621		Andesite	0.019	0.3			
59.45	61.45	2.00	1066622		Andesite	0.124	1.5			
61.45	62.56	1.11	1066623		Cataclastic Breccia	<0.005	0.1			
62.56	63.90	1.34	1066624		Cataclastic Breccia	<0.005	0.2			
63.90	64.50	0.60	1066625		Monzonite (?)	0.016	0.3			
64.50	66.20	1.70	1066626		Cataclastic Breccia	0.036	0.5			
66.20	67.95	1.75	1066627		Cataclastic Breccia	0.151	0.8			
67.95	67.95		1066628	**STD: PM 436**		0.398	0.2			
67.95	68.80	0.85	1066629		Strong Sericite	0.055	1.6			
68.80	69.65	0.85	1066630		Cataclastic Breccia	0.136	1.4			
69.65	70.35	0.70	1066631		Silicified Andesite w/ FZ	0.025	0.3			
70.35	71.10	0.75	1066632		Strong Sericite w/ FZ	0.078	1.8			
71.10	72.10	1.00	1066633		Cataclastic Breccia	0.037	<0.1			
72.10	73.15	1.05	1066634		Cataclastic Breccia	0.056	0.5			
73.15	74.15	1.00	1066635		Cataclastic Breccia	0.039	0.5			
74.15	75.15	1.00	1066636		Cataclastic Breccia	0.043	1.1			
75.15	75.75	0.60	1066637		Sulphide Breccia	1.578	48.7			
75.75	75.75		1066638	**Blank**		0.007	<0.1			
75.75	76.65	0.90	1066639		Strong Sericite	0.018	0.5			
76.65	78.30	1.65	1066640		Silicified Andesite w/ FZ	0.014	0.4			
78.30	79.80	1.50	1066641		Mod Sericite, Weak Chlorite	0.057	0.6			
79.80	80.85	1.05	1066642		Brecciated Andesite	0.006	<0.1			
80.85	82.10	1.25	1066643		Brecciated Andesite	0.032	<0.1			
82.10	83.25	1.15	1066644		Brecciated Andesite	0.008	<0.1			
83.25	84.40	1.15	1066645		Brecciated Andesite	0.021	0.2			
84.40	85.55	1.15	1066646		Brecciated Andesite	0.006	<0.1			
85.55	86.70	1.15	1066647		Brecciated Andesite	0.068	<0.1			
86.70	86.70		1066648	**STD: PM 923**		6.062	80.2			
86.70	87.45	0.75	1066649		Strong Sericite	1.214	29.5			
87.45	87.45		1066650	**Blank**		0.007	0.2			
87.45	88.25	0.80	1066651		Brecciated Andesite	0.043	0.1			
88.25	89.00	0.75	1066652		Brecciated Andesite	0.070	0.7			

Charlotte Project
DDH-11-268
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
89.00	90.40	1.40	1066653		Limonite Rubble, Some Py	0.229	2.5			
90.40	91.80	1.40	1066654		Brecciated Andesite w/ Ser	0.072	1.5			
91.80	92.60	0.80	1066655		Strong Sericite	0.017	0.3			
92.60	93.85	1.25	1066656		Brecciated Andesite	0.020	0.1			
93.85	94.65	0.80	1066657		Strong Sericite	0.229	8.2			
94.65	94.65		1066658	**Duplicate**	Brecciated Andesite	0.427	14.6			
94.65	95.85	1.20	1066659		Brecciated Andesite	0.012	0.4			
95.85	97.00	1.15	1066660		Brecciated Andesite	0.008	0.4			
97.00	98.60	1.60	1066661		Brecciated Andesite	0.066	0.5			
98.60	100.20	1.60	1066662		Brecciated Andesite	0.018	0.2			
100.20	101.80	1.60	1066663		Brecciated Andesite	0.018	<0.1			
101.80	103.50	1.70	1066664		Brecciated Andesite	0.021	0.1			
103.50	105.20	1.70	1066665		Brecciated Andesite	0.072	0.3			
105.20	106.35	1.15	1066666		Altered Andesite	0.053	0.2			
106.35	107.45	1.10	1066667		Qtz Porphyry, Hyaloclastic Bx	0.258	7.4			
107.45	107.45		1066668	**STD: PM 436**		0.402	0.2			
107.45	108.55	1.10	1066669		Qtz Porphyry, Hyaloclastic Bx	0.034	0.4			
108.55	109.60	1.05	1066670		Qtz Porphyry, Hyaloclastic Bx	0.026	0.4			
109.60	110.65	1.05	1066671		Qtz Porphyry, Hyaloclastic Bx	0.025	0.1			
110.65	111.70	1.05	1066672		Qtz Porphyry, Hyaloclastic Bx	0.020	<0.1			
111.70	112.75	1.05	1066673		Qtz Porphyry, Hyaloclastic Bx	0.010	0.2			
112.75	113.65	0.90	1066674		Qtz Porphyry, w/ 10% Py	0.030	0.9			
113.65	114.45	0.80	1066675		Qtz Porphyry, w/ 10% Py	0.075	1.4			
114.45	115.35	0.90	1066676		Qtz Porphyry, w/ 10% Py	0.111	6.0			
115.35	115.35		1066677	**Blank**		<0.005	<0.1			
115.35	116.45	1.10	1066678		Qtz Porphyry, w/ 10% Py	0.098	6.3			
116.45	116.45		1066679	**Blank**		<0.005	<0.1			
116.45	117.30	0.85	1066680		Monzonite Dyke	0.006	0.3			
117.30	118.15	0.85	1066681		Faulted Andesite	<0.005	<0.1			
118.15	119.20	1.05	1066682		Andesite	<0.005	<0.1			
119.20	120.05	0.85	1066683		Monzonite Dyke	<0.005	0.1			
120.05	121.40	1.35	1066684		Mafic Dyke	0.017	0.2			
121.40	122.60	1.20	1066685		Monzonite Dyke	0.006	0.1			
122.60	123.40	0.80	1066686		Andesite	0.007	0.1			
123.40	124.54	1.14	1066687		Andesite w/ Ank Veinlet	<0.005	0.1			
124.54	124.54		1066688	**STD: PM 1138**		1.461	>100.0			97
124.54	125.80	1.26	1066689	poor recovery	Andesite w/ Faulting	<0.005	0.2			
125.80	127.65	1.85	1066690		Andesite	<0.005	0.1			
127.65	128.70	1.05	1066691	poor recovery	Faulted Andesite	<0.005	0.2			
128.70	129.70	1.00	1066692	poor recovery	Faulted Andesite	<0.005	<0.1			
129.70	131.50	1.80	1066693		Andesite	<0.005	0.2			
131.50	133.30	1.80	1066694		Andesite	<0.005	0.2			
133.30	134.35	1.05	1066695		Andesite	<0.005	0.1			
134.35	135.37	1.02	1066696	poor recovery	Andesite	<0.005	0.1			
135.37	136.90	1.53	1066697	poor recovery	Faulted Andesite	<0.005	0.5			
136.90	138.40	1.50	1066698		Faulted Andesite	0.005	0.5			
136.90	138.40	1.50	1066699	**Duplicate**	Faulted Andesite	<0.005	0.5			
138.40	139.90	1.50	1066700		Faulted Andesite	<0.005	0.1			
139.90	141.40	1.50	1066701		Faulted Andesite	0.007	0.1			
141.40	143.40	2.00	1066702		Andesite	0.007	0.2			
143.40	145.45	2.05	1066703		Andesite	<0.005	0.1			
145.45	146.88	1.43	1066704		Andesite w/ Clay Alt Patches	<0.005	0.1			
146.88	148.85	1.97	1066705		Monzonite Dyke	0.007	0.3			
148.85	150.10	1.25	1066706		Monzonite & Andesite	0.005	0.2			
150.10	150.95	0.85	1066707		Monzonite w/ Qtz-Py-Gal-Sph	0.148	3.9			
150.95	150.95		1066708	**STD: PM 436**		0.370	0.2			
150.95	151.45	0.50	1066709		Clay Breccia	0.050	3.8			
151.45	152.65	1.20	1066710		Monzonite Rubble	0.007	0.2			
152.65	154.00	1.35	1066711		Monzonite Dyke	<0.005	0.1			
154.00	155.40	1.40	1066712		Monzonite Dyke	<0.005	0.2			
155.40	157.10	1.70	1066713		Andesite	<0.005	0.3			
157.10	158.55	1.45	1066714		Faulted Andesite	<0.005	0.2			
158.55	160.06	1.51	1066715		Faulted Andesite	<0.005	0.1			
160.06	EOH									

Charlotte Project
DDH-11-269
Drill Log Summary and Cover Sheet

Hole Id:	**DDH-11-269**		
Property:	**Charlotte**	Logged By:	**N. Struyk**
Area:	**Orloff King**	Date Logged:	**August 16 - 18th**
Client:	**Ansell Capital Corp.**		

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	**NAD83, Zone 8**		
Easting:	**386931.84 mE**	Azimuth:	**230 °**
Northing:	**6883454.27 mN**	Dip:	**50 °**
Elevation:	**1474.5 m**	Length:	**83.84 m**

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	**386928 mE**	Azimuth:	**235 °**
Northing:	**6883457 mN**	Dip:	**-50 °**
Elevation:		Length:	**100 m**

Drilling Information:

Contractor:	**DJ Drilling**
Core Diameter:	**HQ**
Start Date:	**July 30th 2011**
End Date:	**August 1st 2011**
Casing In:	**No**
Casing Capped:	**No**
Units:	**Metric**

Hole Objective:
Exploration drilling following up on 2010 trench results.

Hole Summary:
This hole was an exploratory hole in the Orloff King zone. It was drilled in the reverse direction to get a better idea of structural control and measurements of the mineralization as DDH-11-267 and DDH-11-268 did not intersect mineralization as anticipated and it was thought that perhaps the mineralization was contorted and was dipping to the East rather than the SW. This hole also did not intersect as big of a mineralization zone as anticipated. Minor sphalerite and galena were observed in addition to the pyrite between 71m and 75m, but in quantities less than 1%. The hole intersected a series of brecciated andesite flows and hyaloclastites which generally graded into each other for the upper 53.75m. Below this is a very altered intrusive, most likely a monzonite or feldspar porphyry altered with chlorite and sericite containing upwards of 10% pyrite and 20% pyrite locally. The unit grades in and out of chlorite and sericite alteration and moderate limonized and weathered rock to end of hole at 83.84m.

Lithology Summary

From	To	Lith	Comment
0.00	3.05	**CAS**	
3.05	6.81	**AND-x**	
6.81	11.00	**Bx**	
11.00	22.51	**AND-x**	
22.51	25.00	**Bx**	
25.00	25.93	**AND-x**	
25.93	29.50	**Bx**	
29.50	32.47	**Vol-x**	
32.47	35.55	**AND-x**	
35.55	37.44	**AND**	
37.44	38.73	**AND-x**	
38.73	42.12	**AND**	
42.12	43.50	**AND-x**	
43.50	46.66	**Bx**	
46.66	51.00	**Bx**	
51.00	53.75	**AND**	
53.75	66.67	**Monz**	
66.67	67.76	**Alt Monz**	
67.76	68.58	**Pyrite Vn**	
68.58	71.20	**Alt Monz**	
71.20	73.15	**Monz-z**	
73.15	76.95	**Alt Monz**	
76.95	78.22	**Alt Monz**	
78.22	83.84	**Alt Monz**	
83.84		**EOH**	

Charlotte Project
DDH-11-269
Detailed Log

Hole Id:	DDH-11-269
Logged By:	N. Sirivyk

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization						Alteration											Foliation	Shearing		Fractures		Veins				Brecciation				Upper Contact		Lower Contact	
From	To	From	To	Code			Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	%Clasts	Rounding	Matrix	%Matrix	Intensity	to CA	Description	to CA	Description
0.00	3.05			CAS		CASING																																										
3.05	6.81			AND-x	Brecciated Andesite Flow	Brecciated dark to medium grey blue andesite flow and haloclastite. Moderately to weakly magnetic with <0.5% disseminated pyrite. Generally aphanitic with clasts of 1-2mm plag phenos. Locally phenos can reach up to 5mm in length. No preferential orientation to phenos. Limonitic staining along fractures. Breccia is hard to discern as pyrite+/-quartz +/- chlorite alteration has obliterated original textures. Hard due to moderate silicification. 1-2% calcite, concentrated with pyrite in planar hairline pyrite+calcite veinlets at 10 deg tca.	0.5	0	0	0	0	0	disseminated	blue-grey	2	0	0	0	2	0	0	1	0	0	3	3	0	0	0	0	pervasive	-	-	-	60-70	2	10	1	hairline	planar	CaCl+/-py	And:basalt:	80	SA-SR	andesite/ alteration minerals	10-20%	4	-	-	-	-
6.81	11.00			Bx	Flow breccia	Heterolithic flow(?) breccia/Hyaloclastite. Clast are up to 10cm and are surrounded. 90% clasts, 10% matrix,. Moderately oxidized. Some clasts have a more intermediate appearance and are lighter in colour. Non-magnetic.	0.5	0	0	0	0	0	disseminated	grey-brown	1	0	0	0	2	0	0	2	0	0	3	3	0	0	0	0	fracture controlled	-	-	-	-	-	-	-	-	-	-	And:basalt:	100	SA-SR	andesite/ alteration minerals	-	5	-	Broken	70	serrated
11.00	22.51			AND-x	Brecciated andesite flow	As seen in 3.05-6.81m with the following exceptions: increase in green chlorite, more phenocryst rich clasts/intervals. Increase in fractured and broken core. Decrease in hairline CaCl+/- pyrite veins, limonite staining still prevalent along fracture surfaces. Clasts are 4-10cm and are sub angular to subrounded.	1	0	0	0	0	0	disseminated	blue-grey	1	0	0	0	2	0	0	2	0	0	3	3	0	0	0	0	pervasive	-	-	-	-	-	-	-	-	-	-	And:basalt:	80	SA-SR	andesite/ alteration minerals	10-20%	4	70	serrated		
		11.68	11.90			Increase in limonitic staining with Mn oxide along fractures.																																										
		14.28	15.24	FP		Feldspar porphyry dyke, green brown pheno-poor. Very soft (3-4). Magnetite seen in patches.																																									70	sharp	-	broken	
22.51	25.00			Bx	Limonized andesite hyaloclastite	Strongly weathered and limonitic flow hyaloclastite with biobs up to 15cm with limonitic rinds. Blebby pyrite concentrated along fracture surfaces. Some of the larger clasts remain unaltered and are pale cream to tan and are moderately soft. They have a fine-grained igneous texture. Dendritic Mn-Oxide radiate outward from fractures. Unit is extremely altered, however faint relict flow banding can be seen throughout the weathering. The bands are offset up to 5cm. Minor contortion visible locally.	1	0	0	0	0	0	disseminated, fracture coated	orangy-brown	0	2	0	2	0	0	0	5	0	0	0	2	0	0	0	0	pervasive, fracture controlled	-	NA	Moderate	30-60	3	-	-	-	-	-	Igneous andesite/ latite	80	SA-SR	andesite/ alteration minerals	10-20%	5	-	Broken	30	sharp
25.00	25.93			AND-x	Brecciated Andesite Flow	Fairly fresh looking andesite flow. Weakly brecciated, weakly magnetic, moderately chloritized. Finely disseminated pyrite throughout. Hairline fractures consisting of limonite (relict pyrite) crosscut unit at irregular angles. Blocky.	1	0	0	0	0	0	disseminated	blue-grey	0	0	0	1	1	0	0	2	0	0	3	45	0	0	0	0	pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25.93	29.50			Bx	Limonized andesite hyaloclastite	Similar to 22.51-25m. Very limonitic/weathered andesite hyaloclastic to flow. Faint relict flow? Textures at 20-40 deg tca. Hairline fractures coated in hematite and limonite crosscut unit. Mn-oxide staining along fractures.	2	0	0	0	0	0	disseminated, fracture coated	orangy-brown	0	0	1	3	0	0	0	5	2	0	0	1	0	0	0	0	pervasive	20-40	-	-	-	-	irregular	<1	hairline; 1cm	planar	CaCl+/-py; qtz-py	And:basalt:	100	SA-SR	andesite/ alteration minerals	-	5	-	Brecciated	-	gradational over20cm
		28.00	28.38			20% fault gouge.																																									
		26.52	27.25			Increase in pyrite.	3	0	0	0	0	0	disseminated																																					
29.50	32.47			Bx	Volcanic breccia	Andesite volcanic breccia. Clasts are rounded to subrounded and consist of porphyritic andesite and phyllic to weakly argillic altered andesite and granodiorites. The clasts are weakly contorted and range in size from 1 to 8cm. The matrix is moderately limonitic with hairline fractures of dark orange limonite to limonitic clay. The clasts contain up to 3-4% sulphides consisting of mostly pyrite and arsenopyrite. Moderately broken throughout. Moderately soft.	4	1	0	0	0	0	blebby, disseminated	orange to grey	0	2	0	2	0	0	0	4	2	0	0	0	0	0	0	0	pervasive	-	-	-	-	-	irregular	<1	hairline	planar	lim+pyr+cal	andesite, granodiorite	50	R-SR	limonized alteration minerals	50%	5	-	gradational over20cm	30	sharp
32.47	35.55			AND-x	Andesite Hyaloclastite	Andesite Hyaloclastite with differential alteration and weathering of clasts and matrix. Has an earthy rainbow colouration. Blebby and disseminated pyrite throughout. Dark grey andesite clasts are hard 6, the rest are 4. Fractures are limonitic. Weak flow textures within clasts and matrix. Quench textures locally indicating extrusive subaerial environment. Locally, phenocrysts in clasts are chlorite altered. The darker andesite clasts contain more pyrite than the others. Pyrite veins crosscut unit. Trace sphalerite.	5	tr	0	tr	0	0	disseminated	orange, grey, white	1	2	0	2	1	0	0	3	2	0	0	2	0	0	0	0	matrix hosted, pervasive	-	-	-	-	-	-	-	-	-	-	andesite	90	SR	limonized alteration minerals	10%	5	30	sharp	-	broken
35.55	37.44			And	Andesite Flow	Dark grey to blue hard chloritized andesite flow. Moderately broken with limonite coated fracture surfaces. 5% phenocrysts 1-2mm. Hairline limonitic fractures crosscut unit at irregular angles. Weak to moderately magnetic.	tr	0	0	0	0	0	disseminated	blue-grey	2	0	0	0	0	0	0	2	2	0	3	4	0	0	0	0	pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Broken	-	gradational over20cm
37.44	38.73			AND-x	Andesite Hyaloclastite	Variably altered andesitic and FP hyaloclastic breccia. Extremely contorted clasts. 4-5% disseminated pyrite throughout with pyrite stringers and thin lenses. Some clasts are propylitic altered. Moderately limonitic and hematitic along fracture surfaces. Trace cpy and sphalerite with the pyrite stringers.	5	0	0	tr	tr	0	stringers, disseminated	brown-grey	2	0	0	2	3	0	0	3	3	0	0	2	0	0	0	0	pervasive, fracture controlled	-	-	-	-	-	0-60	2	hairline to 1cm	planar	lim+pyr+cal/ pyr+/-qtz	andesite/ FP	75	R-SR	limonized alteration minerals, pyrite, sericite	25%	5	-	gradational over20cm	60	sharp
38.73	42.12			And	Andesite Flow	Very broken and bleached andesite flow. Limonitic fractures, trace pyrite, weakly calcareous, moderately magnetic	1	0	0	0	0	0	disseminated	blue-grey	2	0	0	1	2	0	0	2	0	0	3	3	0	0	0	0	pervasive	-	-	-	-	-	-	-	-	-	-	andesite	50	R-SR	Andesite	50%	4	60	sharp	-	gradational over 10cm
42.12	43.50			And-x	Andesite breccia-hyaloclastite	Andesite rich volcanic to hyaloclastic breccia. Clasts are comprised mostly of andesite, the matrix is sericite and limonite. Has a weak autoclastic appearance. Fractures are irregular. Locally, clasts are heterolithic with variable alteration and mineralization. The lighter grey clasts contain 4-5% disseminated pyrite. Locally there are flow textures at 30 deg tca.	3	0	0	0	tr	0	disseminated	grey-brown	1	0	0	3	0	0	0	3	2	0	0	2	0	0	0	0	pervasive	-	30	2	-	-	0-30	1	hairline	planar	lim+cal	andesite/ FP	40	A-SR	andesite, alteration minerals	60%	3	-	gradational over 10cm	60	sharp
43.50	46.66			Bx	Breccia	Heterolithic breccia, similar to the brecciated andesite flow breccia, but with heterolithic clasts. Phyllic alteration of chlorite+/-magnetite have made the clast-matrix boundaries hard to discern. Lots of andesite and other volcanic clasts. No preferential orientation to clasts. Clasts range from 3-7cm. This unit is distinguishable from above due to the alteration and the lack of pyrite+-lim+-cal.	1	0	0	0	0	0	disseminated	blue-grey	2	0	0	0	0	0	0	1	0	0	3	4	0	0	0	0	pervasive	-	-	-	-	-	-	-	-	-	-	volcanics	40	R-SR	Alteration	60%	4	60	sharp	10	contorted and deformed
		46.20	46.66			Increase in limonite and limonitic stringers.																																										
46.66	51.00			Bx	Flow breccia/ hyaloclastite	Flow? breccia. As 43.5-46.66m except the matrix has a stronger igneous andesite appearance and the unit transitions into a large unit of relatively uniform altered andesite. 3-4% pyrite stringers and disseminations. Could be a finer grained version of the hyaloclastite but the clasts are monolithic, are elongated and rounded with alteration rims, and have a more mafic appearance. Minor contortion. Finely disseminated pyrite (3%), arseno (0.5), cpy (tr), argentite?(tr).	3	0.5	0	0	tr	0	disseminated	blue-grey	2	0	0	1	0	0	0	1	2	0	3	4	0	0	0	0	pervasive	-	-	-	-	-	-	-	-	-	-	malic andesite	40	R	Andesite	60%	5	10	contorted and deformed	-	transitional over 10cm
51.00	53.75			AND	Andesite	Moderately magnetic, chloritized fine grained andesite flow. The unit is so strongly altered that it may not be andesite. Relict xugs are infilled with chlorite and rimmed with pink kspar giving the unit a pinky-green grey appearance. Strongly silicified. Finely disseminated pyrite and a silvery sulphide (arsenic?).	2	0.5	0	0	0	0	disseminated	pink-grey	4	0	0	0	0	0	0	2	0	1	3	3	3	0	0	0	pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53.75	66.67			Monz	Altered monzonite (Feldspar Porphyry?)	Fine grained altered intrusive rock probably of the monzonite or feldspar porphyry. Phenocrysts are 3-4mm and are hard to discern due to alteration. Matrix and clasts blend into one another. Strongly limonized in the upper 50cm. Alteration is sericite, pale green chlorite (or scorodite?), pink kspar, weakly magnetic. Strongly siliceous except where limonitic. No visible sulphides until 56.2m. 1-2% tan coloured mineral (rutile?), more visible in the less limonitic sections. Moderately chlorite alteration overprinting hornblende in the less limonitic intervals giving the unit a dark forest green-grey colouration.	0.5	0	0	0	0	0	0	green-brown	4	0	0	0	3	0	0	1	4	0	0	1	4	0	0	0	pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	sharp	45	sharp
		55.20	57.60			Increase in limonite alteration, pyrite+limonitic clay+hem at 56.50m at 30 deg tca.								brown-green	2	0	0	3	0	0	1	3	1	0	0	2	0	0	0	0	pervasive																			
		57.60	62.30			Chlorite replacing hornblende, limonite limited to fracture coatings and envelopes. Thin silvery mineral (argentite?) in trace amounts.								Dark green grey	2	0	0	2	3	0	0	1	0	0	2	4	0	0	0	0	pervasive																			
		62.30	62.80	FZ		Fault zone with very broken and ground up rock. 5% gouge. No preferential orientation to breakage or fractures.																																										
		62.80	63.30			Chlorite replacing hornblende, limonite limited to fracture coatings and envelopes, increasing down core. Interval has a stronger orange colouration that interval above fault zone.								Dark green grey	2	0	0	2	3	0	1	1	0	0	2	4	0	0	0	0	pervasive																			
		63.30	66.46			Green-brown colouration due to increase in limonite staining from hairline fractures (10-35 deg tca).								brown-orangey green	1	0	0	2	0	0	0	3	1	0	0	2	0	0	0	0	pervasive, fracture controlled																			
66.67	67.76			Alt Monz	Altered pyrite rich monzonite	Similar to above unit, however significantly more limonitic, weathered and altered and as a result, significantly softer as well. 8-10% disseminated pyrite.	7	0	0	0	0	0	disseminated, blebby, vein hosted																																		45	sharp	70	sharp	
67.76	68.58			Pyrite Vn	Pyrite vein	20-25% massive and vein hosted pyrite in the above altered monzonite. Vein at 10 deg tca. Strongly brecciated, almost entirely clay and gouge.	25	0	0	0	0	0	disseminated, blebby, vein hosted	brown-orange	0	0	0	2	0	0	0	5	0	0	0	2	0	0	0	2	pervasive	-	10	5	-	-	10-30	75	10cm	mineralised	pyrite+clay+silica	-	-	-	-	-	-	-	70	sharp	40	sharp
68.58	71.20			Alt Monz	Altered monzonite (Feldspar Porphyry?)	As seen 66.67-67.76m, except it is more strongly fractured and broken, with gouge along fracture surfaces. Minor argillic clays can be seen. Relict porphyritic textures can be seen locally.	10	0	0	0	0	0	disseminated, blebby, vein hosted	brown-orange	0	0	0	2	0	0	0	4	0	0	0	3	0	0	0	2	pervasive, fracture controlled	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	sharp	-	broken
71.20	73.15			AM-z	faulted monzonite	Extremely broken and faulted monzonite? Still unsure of host lithology due to obliteration of textures by alteration. Unit changes from 70% gouge and broken rock to more consolidated intervals with relict propylitic altered clasts and strongly limonized intervals. Pyrite ranges from 5-15%, mostly as medium sized blebs 1-2mm. Dark black and silvery sulphides, with sphalerite and galena can be seen in the less faulted intervals.	10	0	0.5	0.5	0	0	disseminated, blebby, vein hosted	orangey brown to grey	2	2	0	2	0	0	0	3	1	0	0	3	0	0	0	2	pervasive, fracture controlled	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	40	sharp
		71.20	71.65			70% gouge and broken rock.																																										
		71.65	72.26			Relict propylitic altered clasts, 40% gouge. Sphalerite in veins with pyrite, galena as small blebs.	10	0	0.5	1	0	0	vein hosted, blebby	orange, to grey																																			
		72.26	72.65			70% gouge and broken rock.																																										
		72.65	73.15			More consolidated altered monzonite.																																										
73.15	76.95			Alt Monz	Altered monzonite (Feldspar Porphyry?)	As seen 68.58-71.20m except with slight increase in sulphide veinlets.	10	0	tr	tr	0	0	disseminated, vein hosted	orangey-grey	3	0	0	3	0	0	0	3	2	0	0	3	0	0	0	0	pervasive fracture controlled	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	sharp	30	sharp
76.95	78.22			Alt Monz	Altered monzonite (Feldspar Porphyry?)	As above except with less limonite, more silica and chlorite, limonite fracture are hairline and crosscut at irregular angles. Increase in argillic alteration.	10	0	0.5	0.5	0	0	disseminated, vein hosted	grey-brown	3	0	0	3	0	0	0	2	0	0	0	3	0	0	0	2	pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	sharp	-	gradational over 10cm
78.22	83.84			Alt Monz	Altered monzonite (Feldspar Porphyry?)	As 73.15-76.95m, but with less pyrite.	5	0	0	0	0	0	diss	grey-brown	3	0	0	3	0	0	0	3	1	0	0	3	0	0	0	0	fracture controlled	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	gradational over 10cm		
		78.40	79.40			Increase in fault gouge and broken core.																																										
83.84				EOH																																											

Charlotte Project
DDH-11-269
Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field	Comments
12	3.66	204.5	227	-50.1	57237	
22	6.71	209.3	231.8	-49.3	58808	
32	9.76	211.3	233.8	-49.6	57948	
42	12.80	214.3	236.8	-49.6	57614	
52	15.85	216.9	239.4	-49.5	57619	
62	18.90	213.7	236.2	-49.6	56957	
72	21.95	215.6	238.1	-49.8	57190	
82	25.00	218.2	240.7	-49.5	57035	
92	28.05	217.4	239.9	-49.8	57286	
102	31.10	217.7	240.2	-49.9	56847	
112	34.15	216.2	238.7	-49.8	56826	
122	37.20	215.1	237.6	-49.8	57206	
132	40.24	214.4	236.9	-49.9	57232	
142	43.29	220.6	243.1	-49.9	57508	erroneous removed from interpretation
152	46.34	216.2	238.7	-50.0	57236	
162	49.39	216.2	238.7	-49.8	56607	
172	52.44	215.4	237.9	-50.1	57011	
182	55.49	218.6	241.1	-49.9	57072	
192	58.54	214.4	236.9	-50.3	57364	
202	61.59	217.3	239.8	-50.1	57207	
212	64.63	217.8	240.3	-50.2	57480	
222	67.68	214.9	237.4	-50.5	57466	erroneous removed from interpretation
232	70.73	214.7	237.2	-50.5	57557	
242	73.78	214.7	237.2	-50.5	57630	
252	76.83	215.4	237.9	-50.8	57539	
262	79.88	214.1	236.6	-50.6	57502	

Charlotte Project
DDH-11-269
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
3.05	5.18	2.13	1066716		Brecciated Andesite Flow	<0.005	<0.1			
5.18	6.81	1.63	1066717		Brecciated Andesite Flow	0.010	<0.1			
6.81	8.31	1.50	1066718		Flow Breccia	0.012	<0.1			
8.31	9.80	1.49	1066719		Flow Breccia	<0.005	<0.1			
9.80	11.00	1.20	1066720		Flow Breccia	0.007	<0.1			
11.00	12.50	1.50	1066721		Brecciated Andesite Flow	<0.005	<0.1			
12.50	14.38	1.88	1066722		Brecciated Andesite Flow	0.007	<0.1			
14.38	15.21	0.83	1066723		Feldspar Porphyry Dyke	0.012	0.1			
15.21	16.76	1.55	1066724		Brecciated Andesite Flow	0.006	<0.1			
16.76	16.76		1066725	**STD: CU 171**		0.225	13.6			
16.76	18.80	2.04	1066726		Brecciated Andesite Flow	0.008	<0.1			
18.80	19.55	0.75	1066727		Brecciated Andesite Flow	0.010	<0.1			
19.55	21.00	1.45	1066728		Brecciated Andesite Flow	0.009	0.1			
21.00	22.51	1.51	1066729		Brecciated Andesite Flow	<0.005	<0.1			
22.51	23.75	1.24	1066730		Lim Andesite Hyaloclastite	0.150	0.9			
23.75	25.00	1.25	1066731		Lim Andesite Hyaloclastite	0.025	0.5			
25.00	25.93	0.93	1066732		Brecciated Andesite Flow	0.012	0.2			
25.93	27.40	1.47	1066733		Lim Andesite Hyaloclastite	0.064	0.9			
27.40	28.50	1.10	1066734		Lim Andesite Hyaloclastite	0.209	18.1			
27.40	28.50	1.10	1066735	**Duplicate**	Lim Andesite Hyaloclastite	0.199	19.6			
28.50	29.50	1.00	1066736		Lim Andesite Hyaloclastite	0.360	12.2			
29.50	30.90	1.40	1066737		Volcanic Breccia	0.026	1.2			
30.90	32.47	1.57	1066738		Volcanic Breccia	0.047	0.3			
32.47	33.50	1.03	1066739		Andesite Hyaloclastite	0.119	0.3			
33.50	34.50	1.00	1066740		Andesite Hyaloclastite	0.887	0.5			
34.50	35.55	1.05	1066741		Andesite Hyaloclastite	0.146	1.5			
35.55	36.50	0.95	1066742		Andesite Flow	0.052	0.2			
36.50	37.44	0.94	1066743		Andesite Flow	0.044	0.2			
37.44	38.73	1.29	1066744		Andesite Hyaloclastite	0.040	1.1			
38.73	38.73		1066745	**STD: CU 157**		0.846	15.2			
38.73	41.00	2.27	1066746		Andesite Flow	0.030	0.7			
41.00	42.12	1.12	1066747		Andesite Flow	0.025	0.4			
42.12	43.50	1.38	1066748		Andesite Breccia-Hyaloclastite	0.047	0.9			
43.50	45.10	1.60	1066749		Breccia	0.017	0.2			
45.10	46.66	1.56	1066750		Breccia	0.031	0.3			
46.66	48.00	1.34	1066751		Flow Breccia/Hyaloclastite	0.033	1.0			
48.00	49.50	1.50	1066752		Flow Breccia/Hyaloclastite	0.029	0.4			
49.50	51.00	1.50	1066753		Flow Breccia/Hyaloclastite	0.012	0.5			
51.00	52.25	1.25	1066754		Andesite	0.006	0.2			
52.25	53.75	1.50	1066755		Andesite	<0.005	<0.1			
53.75	55.20	1.45	1066756		Altered Monzonite	0.013	<0.1			
55.20	55.20		1066757	**Blank**		0.009	<0.1			
55.20	56.50	1.30	1066758		Altered Monzonite	<0.005	<0.1			
56.50	57.60	1.10	1066759		Altered Monzonite	0.021	0.7			
57.60	59.00	1.40	1066760		Altered Monzonite	0.015	0.4			
59.00	60.20	1.20	1066761		Altered Monzonite	<0.005	0.1			
60.20	61.40	1.20	1066762		Altered Monzonite	<0.005	0.1			
61.40	62.30	0.90	1066763		Altered Monzonite	<0.005	<0.1			
62.30	63.30	1.00	1066764		Altered Monzonite	<0.005	<0.1			
63.30	63.30		1066765	**STD: CU 157**		0.780	15.1			
63.30	65.00	1.70	1066766		Altered Monzonite	<0.005	<0.1			
65.00	66.67	1.67	1066767		Altered Monzonite	<0.005	<0.1			
66.67	67.76	1.09	1066768		Altered Pyrite Rich Monzonite	0.008	0.5			
67.76	68.58	0.82	1066769		Pyrite Vein	0.275	8.7			
68.58	70.00	1.42	1066770		Altered Monzonite	0.441	2.9			
70.00	71.10	1.10	1066771		Altered Monzonite	0.046	5.0			
71.10	71.65	0.55	1066772		Faulted Monzonite	0.385	64.8			
71.65	72.26	0.61	1066773		Faulted Monzonite	0.098	24.3			
72.26	73.15	0.89	1066774		Faulted Monzonite	0.431	64.6			
72.26	73.15	0.89	1066775	**Duplicate**	Faulted Monzonite	0.439	73.2			
73.15	74.50	1.35	1066776		Altered Monzonite	0.208	35.7			
74.50	76.00	1.50	1066777		Altered Monzonite	0.355	11.5			
76.00	76.95	0.95	1066778		Altered Monzonite	0.279	13.1			
76.95	78.22	1.27	1066779		Altered Monzonite	0.028	3.5			
78.22	78.22		1066780	**Blank**		<0.005	<0.1			
78.22	79.70	1.48	1066781		Altered Monzonite	0.026	0.7			
79.70	82.30	2.60	1066782		Altered Monzonite	0.011	0.6			
82.30	83.84	1.54	1066783		Altered Monzonite	0.019	0.4			
83.84	EOH									

Charlotte Project
DDH-11-270
Drill Log Summary and Cover Sheet

Hole Id:	**DDH-11-270**		
Property:	**Charlotte**	Logged By:	**L. Binnion**
Area:	**Orlof-King**	Date Logged:	**Aug 10-Aug 13 2011**
Client:	**Ansell Capital Corp.**		

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	**NAD83, Zone 8**		
Easting:	**386876.02 mE**	1466 Azimuth:	**065 °**
Northing:	**6883340.74 mN**	Dip:	**-50 °**
Elevation:	**1464.09 m**	Length:	**120.12 m**

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	**386878 mE**	Azimuth:	**055 °**
Northing:	**6883338 mN**	Dip:	**-50 °**
Elevation:		Length:	**170 m**

Drilling Information:

Contractor:	**DJ Drilling**
Core Diameter:	**HQ**
Start Date:	**Aug 1 2011**
End Date:	**Aug 4 2011**
Casing In:	**No**
Casing Capped:	**No**
Units:	**Metric**

Hole Objective:

Steep test of OK-Zone Ag-Au-Cu trench anomaly (20m averaging 8.6 Ag).

Hole Summary:

This hole is dominated by an andesite flow that periodically displays hyaloclastic textures. The andesite is hard, magnetic, and fine grained such that the grains are not visible without a hand lens. The main sulphide intersection is in the interval between 39.63m and 45.07m, where there are three massive sulphides veins, each about 5cm wide, containing pyrite, galena, and sphalerite. There was another interval up-hole between 20.40m and 22.60m that contained the same sulphides only disseminated. The andesite flow is interrupted by units of a brown limonite-altered breccia throughout the hole. In most cases the alteration obscures the lithology of the clasts but on occasion is was possible to discern that at least some of the clasts are feldspar porphyry, and some are andesite.

Lithology Summary

From	To	Lith	Comment
0.00	4.57	**CAS**	
4.57	11.63	**Gd**	
11.63	13.57	**MD**	
13.57	18.10	**And**	
18.10	20.40	**MD**	
20.40	22.60	**FP**	sulphide-rich
22.60	26.52	**FZ**	
26.52	33.65	**Breccia**	
33.65	35.67	**FZ**	
35.67	39.63	**And**	
39.63	45.07	**FP**	massive S veins
45.07	60.06	**And-x**	
60.06	67.70	**FP**	
67.70	92.32	**And**	
92.32	93.56	**Breccia**	
93.56	97.70	**And-x**	
97.70	99.52	**Breccia**	
99.52	106.32	**And**	
106.32	111.68	**Breccia**	
111.68	114.33	**And**	
114.33	118.80	**Breccia**	
118.80	120.12	**And-x**	
120.12		**EOH**	

Charlotte Project
DDH-11-270
Detailed Log

Hole Id:	DDH-11-270
Logged By:	L. Binnion

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization						Alteration												Foliation	Shearing			Fractures		Veins				Brecciation				Upper Contact		Lower Contact	
From	To	From	To	Code			Py%	Asp%	Grn%	Sp%	Cp%	FSx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	Intensity		to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	%Clasts	Rounding	Matrix	%Matrix	Intensity	to CA	Description	to CA	Description
0.00	4.57			CAS		CASING																																							
4.57	11.63			Gd	Granodiorite	Unit has an intrusive, competent texture and is medium-grained, fairly hard (except for some clay alteration), and approximately 70% felsic:30% matic. Before 8.23m there are matic phenocrysts 5mm diameter, which shrink down to 2-3mm after 8.23m (the same as the rest of the grains). 40% of the unit displays pervasive limonite alteration which concentrates along fractures. There is some dendritic manganese staining along some fractures. There are a couple pyrite stringers, and pyrite is also fine-grained and disseminated, and medium grained in 'clumps'.	2-3%	0	0	0	0	0	Stringers, clumps, disseminated	Light grey	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	2	Pervasive	-	-	-	-	1	-	1%	1mm	stringers	pyrite	-	-	-	-	-	-	-	Rubbly, poor recovery
		6.36	7.45	Gd-z	Faulted granodiorite	Heavy limonite staining, very broken up with 30% fault gouge.	trace	0	0	0	0	0	disseminated	Orange-grey	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.63	13.57			MD	Mafic Dyke	Fine grained (possibly a dyke), dark steel-grey rock. Weakly magnetic. Hard, possibly silicified, with limonite staining only on fracture surfaces. There are traces of epidote alteration throughout. Some milky stringers. No apparent mineralization.	0	0	0	0	0	0	-	Dark steel-grey	2	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	Pervasive, along fractures	-	-	-	-	1	-	<1%	1mm	stringers	quartz or feldspar	-	-	-	-	-	-	-	rubbly, poor recovery	-	broken
13.57	18.10			And	Andesite	Appears as 4.57-11.78m except smaller grain size (1-2mm diameter), and magnetic.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	-	broken
		15.35	15.95	And	Bleached Andesite	As 13.57-18.10m except might lighter colour and softer due to clay alteration. No visible mineralization.	0	0	0	0	0	0	-	Milky-grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3 to 4	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18.10	20.40			MD	Mafic Dyke	As 11.78-13.57m but with trace amounts of disseminated pyrite. From 19.60-20.40m unit is very rubbly.	trace	0	0	0	0	0	disseminated	Dark steel-grey	2	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	Pervasive, along fractures	-	-	-	-	2	-	<1%	1mm	stringers	quartz or feldspar	-	-	-	-	-	-	-	broken	-	rubbly
20.40	22.60			FP	Sulphide rich Feldspar Porphyry	Yellowish-beige, soft, fine-grained rock with feldspar phenocrysts visible wherever the rock is not too altered. There has been heavy limonite staining and extensive clay alteration giving the rock a bleached appearance. Much of the section is brecciated due to sulphide-bearing fluids. Pyrite is disseminated and euhedral throughout, but is also found as clumps and in stringers/veinlets. Trace galena, chalcopyrite and sphalerite are also present.	4-5%	0	trace	trace	trace	0	Disseminated, veinlets, clumps	Yellowish-beige	-	-	-	-	-	-	-	2 to 3	-	-	-	-	-	-	-	3 to 4	Pervasive	-	-	-	-	1	-	3%	1-3mm	stringers/ veinlets	pyrite, limonite	FP	95%	angular	sulphide-rich fluid	5%	moderate-intense	-	rubbly	-	faulted and gougey
22.60	26.52			FZ	Fault zone	Unit containing 20-40% fault gouge. Very heavy limonite alteration has left the protolith undistinguishable, but it may be feldspar porphyry based on the rock types above and below this unit. The rock in this section displays vugs.	trace	0	0	0	0	0	disseminated	Orange-brown	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
26.52	33.65				Breccia	Unit is highly altered by limonite with some vuggy places. Most of the time it is impossible to discern the protolith but some of the clasts are feldspar porphyry. The unit has been brecciated by a silica-rich sulphide-bearing fluid. The limonite is pervasive but also lines the selvages of these veins. There is about 3% pyrite disseminated and along veinlets.	3%	0	0	0	0	0	Disseminated, veinlets, clumps	Orange-brown	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	FP+?	90%	angular	sulphide-rich fluid	10%	moderate-intense	-	faulted and gougey	-	faulted and gougey
33.65	35.67			FZ	Fault zone	Unit containing 20-40% fault gouge. Very heavy limonite alteration has left the protolith undistinguishable. The rock in this section displays vugs.	-	-	-	-	-	-	-	Orange-brown	-	-	-	-	-	-	-	4 to 5	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
35.67	39.63			And	Andesite	Rock is dark grey, fg and hard (silicified?) and is crosscut by many limonite-bearing stringers +/- pyrite which have left a staining on most surfaces. There is some fow texture.	trace	0	0	0	0	0	Stringers	Dark grey, orange-brown	2	-	-	-	-	-	-	3	-	-	-	-	1	-	-	-	Pervasive, along stringers	-	-	-	-	2	-	5%	1mm	stringers	limonite +/- pyrite	-	-	-	-	-	-	-	faulted and gougey	-	broken
39.63	45.07			FP-x	Sulphide rich Feldspar Porphyry breccia	Cream coloured feldspar porphyry highly brecciated by a medium blue-grey sulphide-bearing fluid. Unit is crosscut by many pyrite-, galena-, and sphalerite-beaing stringers, veinlets, and veins (up to 5cm wide). Pyrite is also found disseminated throughout. Euhedral galena is found along a fracture surface at 42.35m. Individual grains of sphalerite are also present. At 42.73m there is a sphalerite-bearing quartz vein 5mm thick, and at 43.00m there is another 5mm quartz vein that exhibits comb texture and contains small grains of galena. The FP has been slightly altered to clay but the blue material is fairly hard.	5%	?	trace	trace	0	0	Disseminated, veinlets, veins	Cream, medium blue-grey	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	Pervasive	-	-	-	-	2 to 3	160	10%	1mm-5cm	stringers, veinlets, veins	quartz, pyrite, galena, sphalerite	FP	75%	angular	medium blue-grey material	25%	intense	-	broken	-	broken
		39.63	41.70		Rubble	Zone of low recovery containing rounded pieces of rubble.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		43.56	43.76		Breccia	20cm wide unit that exhibits limonite staining and is an orangey-grey colour. Otherwise, as above.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		43.76	44.60	FP-x	Sulphide rich Feldspar Porphyry breccia	As above but contains three 5cm wide semi-massive to massive sulphide veins (py, sph, gal). See special photo.	10%	?	1%	1%	0	0	Disseminated, veins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45.07	60.06			And-x	Brecciated andesite	Moderately fractured greenish-grey unit (indicating chl alteration?). There is brecciation texture, and some of the clasts are fairly hard, magnetic fine grained rock (andesite?), and some appear to be FP. There is spilotchy limonite alteration, and sericite alteration along some veins. Vugs occur throughout the unit. Fine-grained pyrite throughout the unit, pyrite also present in veins and veinlets. Many grains are euhedral and up to 5mm diameter.	2%	0	0	0	0	0	Disseminated, veins	Greenish-grey	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	Pervasive	-	-	-	-	2 to 3	-	-	1-3mm	stringers, veinlets	quartz, pyrite	And, FP	75%	sub-angular	medium blue-grey material	25%	moderate	-	broken	55	slightly undulating
		48.10	48.95	And	Andesite	Fine grained, dark steel-grey rock. Weakly magnetic. Hard, possibly silicified. There are traces of epidote alteration throughout. Much of the andesite has been 'bleached' and is now a pale blue-grey colour. Some milky stringers. No apparent mineralization. The contact is slightly undulating and could be an alteration contact, which would make this simply an unaltered section of andesite.	0	0	0	0	0	0	-	Dark steel-grey	2	-	-	-	-	-	-	-	-	-	1	-	1	-	-	Pervasive	-	-	-	-	-	-	<1%	1mm	stringers	quartz or feldspar	-	-	-	-	-	-	55	slightly undulating	-	slightly undulating
		52.00	52.68	And	Andesite	As 48.10-48.95m.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60.06	67.70			FP	Feldspar Porphyry	Medium-grained beige coloured feldspar porphyry. Unit is easily scratched by steel, and it appears there is some clay alteration. Some quartz and/or pyrite veinlets. Some limonite staining along fractures, and occasional vugs. Trace fg disseminated pyrite throughout.	trace	0	0	0	0	0	disseminated	Beige	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	3	Pervasive, along fractures	-	-	-	-	1	-	1%	1-3mm	stringers, veinlets	quartz, pyrite	-	-	-	-	-	-	-	broken	-	obscured by alteration
		60.06	60.76	FP	Feldspar Porphyry	As above but 15% disseminated pyrite.	15%	0	0	0	0	0	disseminated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		64.43	64.83	And-x	Brecciated andesite	As 45.07-60.06m. Trace amounts of pyrite in stringers.	trace	0	0	0	0	0	stringers	Light blue-grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	110	sharp
		65.03	65.63	MD	Mafic Dyke	Fg, hard, magnetic, medium-grey rock. Chlorite and epidote alteration present. No mineralization. Sharp contacts.	0	0	0	0	0	0	-	Medium grey	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	110	sharp
		65.72	66.23	FP-x	Feldspar Porphyry Breccia	Cream coloured feldspar porphyry highly brecciated by a medium blue-grey sulphide-bearing fluid. Unit is crosscut by some pyrite-bearing stringers and veinlets. Pyrite is also found disseminated throughout. The FP has been slightly altered to clay but the blue material is fairly hard.	1%	0	0	0	0	0	disseminated, stringers, veinlets	Cream, medium blue-grey	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	Pervasive, along fractures	-	-	-	-	2	-	2%	1-3mm	stringers, veinlets	quartz, pyrite	FP	50%	sub-angular	medium blue-grey material	50%	moderate	110	sharp	145	sharp
67.70	92.32			And	Andesite	Fg, hard, magnetic dark blue-grey rock. There is minor limonite alteration along fracture planes, and at 75.15m there are two xenocrysts of FP which have pyrite and epidote alteration. Occasional quartz or feldspar stringers +/- pyrite. Pyrite also occasionally along fracture planes. Mslaitch at 72.26m. The whole unit displays patchy alteration that has slightly bleached some areas, and sometimes there is a slight breccia texture but the boundaries between the clasts and the matrix has been obscured. From 89.00-92.32m there are 1-2mm quartz veins and the core has fractured along these veins.	trace	0	0	0	0	0	stringers	Dark blue-grey matrix	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	Pervasive, along fractures	-	-	-	-	1	-	<1%	1mm	stringers	quartz or feldspar +/- pyrite	-	-	-	-	-	-	-	obscured by alteration	-	broken
		77.73	78.62	And-x	Andesite breccia	Matrix-supported breccia with angular clasts of andesite (as above) ranging in size from 1mm to 5cm and a dark grey matrix. Some limonite alteration in the most brecciated areas.	0	0	0	0	0	0	-	Dark blue-grey with dark grey matrix	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	in brecciation	-	-	-	-	-	-	-	-	-	-	And	50%	angular	dark grey material	50%	intense	-	-	-	-
		79.80	81.84	And-x	Andesite breccia	As 77.73-78.62m except with presence of vugs, and pyrite in the matrix.	trace	0	0	0	0	0	disseminated in matrix	Dark blue-grey with dark grey matrix	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		84.80	85.34	And-x	Andesite breccia	As 79.80-90.84m.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		85.90	87.00	And-x	Andesite breccia	Rubbly section with parts that are as 79.80-90.84m, but also some lighter coloured areas that contains individual magnetic grains.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
92.32	93.56				Breccia	Brown, non magnetic breccia where at least some clasts appear to be feldspar porphyry. There is some pyrite contained in the matrix. There is some manganese staining and white clay along all fracture surfaces.	1%	0	0	0	0	0	disseminated in matrix	Brown	-	-	-	2	-	-	-	2?	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	2	-	-	-	-	-	FP	75%	angular	?	25%	moderate	-	broken	120	sharp
93.56	97.70			And-x	Andesite breccia	As 79.80-90.84m. There are some quartz veins but they cross-cut each other and I could not determine a specific orientation.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2%	1-2mm	stringers, veinlets	quartz	-	-	-	-	-	-	120	sharp	-	-
		96.18	97.00	And	Andesite	This section has been heavily altered by sericite? and limonite. The pieces fall apart easily and it's difficult to see the protolith, however the section is magnetic so I assumed it be the andesite.	0	0	0	0	0	0	-	Orange-brown	-	-	-	2?	-	-	-	3 to 4	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	-	broken
97.70	99.52				Breccia	As 92.32-93.56m. The last half of the section is broken up and rubbly.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1%	1mm	stringers	limonite	-	-	-	-	-	-	-	broken	-	broken
99.52	106.32			And	Andesite	Fg, hard, magnetic dark blue-grey rock. There appears to be a late-stage set of quartz stringers that trends 40 deg tca, but there are many other quartz stringers that all crosscut each other. There is very minor limonite staining as well as sericite and chlorite alteration which is more pervasive. Some hyaloclastic textures are seen, and some areas have a bleached appearance and are not magnetic. Throughout the section pyrite is found as blebs, often associated with carbonate and hematite. This mineral combination is also found in veinlets some of which are 30 deg tca.	1%	0	0	0	0	1%	clumps	Dark blue-grey	-	-	-	1	-	-	1	1	-	-	1	-	-	-	-	Pervasive, along fractures	-	-	-	-	1	-	1%	1mm	stringers	quartz/carbonate	-	-	-	-	-	-	-	broken	-	broken
		102.53	103.45	And-z	Faulted andesite	Rubbly section with 5-10% fault gouge. Carbonate coats some fracture surfaces.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
106.32	111.68				Breccia	As 92.32-93.56m, but there is less manganese staining. There is a narrow fault zone and the beginning and end of this section. There was a miss latch at 108.89m. One set of quartz stringers at approximately 75 deg tca.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75	<1%	1mm	stringers	quartz/carbonate	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
		110.10	110.68	And	Andesite	Narrow unit of andesite within the breccia. Locally magnetic. No mineralization.	0	0	0	0	0	0	-	Dark blue-grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
111.68	114.33			And	Andesite	Fg, hard, magnetic dark blue-grey rock. Some hyaloclastic textures. At 113.64m there is a 15mm wide quartz vein with a sericite halo and a trace amount of pyrite at 55 deg tca. There is the occasional pyrite bleb associated with a carbonate mineral. Some stringers also contain carbonate, and it is present along fracture planes.	trace	0	0	0	0	0	blebs	Dark blue-grey	-	-	-	-	1	1	-	-	-	-	1	-	-	-	-	-	Pervasive, as haloes around veins	-	-	-	-	1	55	1%	1mm, 15mm	stringers, veinlets	quartz, carbonate, pyrite	-	-	-	-	-	-	-	broken	-	-
114.33	118.80				Breccia	As 92.32-93.56m, but the alteration along fracture surfaces is mostly limonite and carbonate. This section is rubbly with some sections containing fault gouge.	trace	0	0	0	0	0	disseminated	Orange brown	-	-	-	1	1	-	-	3	-	-	-	-	-	-	-	-	Pervasive, along fractures	-	-	-	-	4	-	1%	1mm	stringers	quartz	FP?	75%	angular	?	25%	moderate	-	broken	-	broken
		115.03	115.40	And	Andesite	As 111.68-114.33m.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
118.80	120.12			And-x	Brecciated andesite	Fg, hard, magnetic dark blue-grey rock displaying hyaloclastic textures. There is one 4cm vein trending at 50 deg tca of pinkish quartz at 119.75m. Otherwise there are carbonate stringers the crosscut at various directions. There is limonite staining along fractures. There are two 20cm sections containing fault gouge at 119.50m and at 120.00m. There are occasional blebs of pyrite, usually along fractures.	trace	0	0	0	0	0	blebs	Dark blue-grey with orange	-	-	-	-	1	-	-	2	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	4	50	1%	4cm	vein	quartz	-	-	-	-	-	-	-	broken	-	EOH
120.12					EOH																																								

Charlotte Project
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Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimtuh	True Azimuth	Dip	Magnetic Field	Comments
22	6.71	44.9	67.4	-46.7	55604	
32	9.76	42.4	64.9	-46.7	57265	
42	12.80	43.6	66.1	-46.9	57882	
52	15.85	39.1	61.6	-47.1	56861	
62	18.90	38.6	61.1	-46.9	56336	
72	21.95	41.7	64.2	-47.4	57826	
82	25.00	38.3	60.8	-47.4	57002	
92	28.05	35.9	58.4	-47.4	57123	
102	31.10	36.4	58.9	-47.3	57163	
112	34.15	38.2	60.7	-47.3	57551	
122	37.20	38.4	60.9	-47.5	57105	
132	40.24	35.9	58.4	-47.6	57249	
142	43.29	35.5	58	-47.6	57061	
152	46.34	38	60.5	-47.8	57736	
162	49.39	50.7	73.2	-47.8	60806	erroneous removed from interpretation
172	52.44	35	57.5	-47.6	56396	
182	55.49	37.5	60	-47.8	56811	
192	58.54	34.4	56.9	-47.7	57401	
202	61.59	36.9	59.4	-47.8	57313	
212	64.63	37.3	59.8	-48.1	57224	
222	67.68	39.1	61.6	-47.9	56627	
232	70.73	41.5	64	-47.9	57405	
242	73.78	42.6	65.1	-48.1	56572	
252	76.83	40.6	63.1	-48.1	57205	
262	79.88	39	61.5	-48	56729	
272	82.93	39.9	62.4	-48	56774	
282	85.98	41.3	63.8	-47.9	56766	
292	89.02	39.7	62.2	-48	57513	
302	92.07	35.7	58.2	-47.8	57693	
312	95.12	36.2	58.7	-47.9	57164	
322	98.17	37.4	59.9	-48.3	58223	
332	101.22	40.6	63.1	-48.2	57338	
342	104.27	37.9	60.4	-48	57277	
352	107.32	35.2	57.7	-48.2	57300	
362	110.37	35.7	58.2	-48.5	57534	
372	113.41	34.6	57.1	-48.3	57749	

Charlotte Project
DDH-11-270
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
4.57	5.57	1.00	1067001		Granodiorite	0.007	0.3			
5.57	6.36	0.79	1067002		Granodiorite	0.006	<0.1			
6.36	7.45	1.09	1067003		Faulted Granodiorite	0.010	0.3			
7.45	8.95	1.50	1067004		Mafic Dyke	<0.005	0.1			
8.95	8.95		1067005	**STD: PM 436**		0.380	0.2			
8.95	10.30	1.35	1067006		Mafic Dyke	0.024	2.6			
10.30	11.63	1.33	1067007		Mafic Dyke	0.034	5.7			
11.63	13.57	1.94	1067008		Mafic Dyke	<0.005	<0.1			
13.57	14.46	0.89	1067009		Andesite	<0.005	0.3			
14.46	15.35	0.89	1067010		Andesite	<0.005	0.1			
15.35	15.95	0.60	1067011		Bleached Granodiorite	<0.005	0.2			
15.95	17.00	1.05	1067012		Mafic Dyke	<0.005	0.2			
17.00	18.10	1.10	1067013		Mafic Dyke	<0.005	0.1			
18.10	19.25	1.15	1067014		Mafic Dyke	<0.005	0.1			
19.25	19.25		1067015	**Blank**		<0.005	<0.1			
19.25	20.40	1.15	1067016		Mafic Dyke	<0.005	<0.1			
20.40	21.50	1.10	1067017		Sulphide Rich Feld Porphyry	0.101	5.2			
21.50	22.60	1.10	1067018		Sulphide Rich Feld Porphyry	0.242	2.9			
22.60	23.60	1.00	1067019		Fault Zone	0.068	3.8			
23.60	24.60	1.00	1067020		Fault Zone	0.599	8.2			
24.60	25.60	1.00	1067021		Fault Zone	0.315	15.9			
25.60	26.52	0.92	1067022		Fault Zone	0.061	2.4			
26.52	27.50	0.98	1067023		Breccia	<0.005	0.2			
27.50	28.50	1.00	1067024		Breccia	0.006	<0.1			
28.50	28.50		1067025	**STD: PM 925**		>10.000	>100.0	11.6		171
28.50	29.50	1.00	1067026		Breccia	<0.005	0.3			
29.50	30.50	1.00	1067027		Breccia	<0.005	<0.1			
30.50	31.50	1.00	1067028		Breccia	0.007	0.2			
31.50	32.50	1.00	1067029		Breccia	0.016	1.5			
32.50	33.65	1.15	1067030		Breccia	0.035	2.1			
33.65	34.66	1.01	1067031		Fault Zone	0.227	14.0			
34.66	35.67	1.01	1067032		Fault Zone	0.052	3.3			
35.67	37.10	1.43	1067033		Andesite	0.030	1.1			
37.10	38.72	1.62	1067034		Andesite	0.047	2.4			
37.03	38.72	1.69	1067035	**Duplicate**	Andesite	0.059	2.1			
38.72	39.63	0.91	1067036		Andesite	0.104	2.1			
39.63	42.30	2.67	1067037		Sulphide Feld Porphyry Bx	0.414	5.1			
42.30	43.76	1.46	1067038		Sulphide Feld Porphyry Bx	0.472	9.7			
43.76	44.75	0.99	1067039		Sulphide Feld Porphyry Bx	0.705	12.5			
44.75	44.75		1067040	**Blank**		0.008	<0.1			
44.75	44.75		1067041	**Blank**		<0.005	<0.1			
44.75	45.07	0.32	1067042		Sulphide Feld Porphyry Bx	0.030	1.3			
45.07	46.60	1.53	1067043		Brecciated Andesite	0.006	0.4			
46.60	48.10	1.50	1067044		Brecciated Andesite	0.012	0.7			
48.10	48.10		1067045	**STD: PM 436**		0.410	0.2			
48.10	48.95	0.85	1067046		Brecciated Andesite	<0.005	<0.1			
48.95	50.50	1.55	1067047		Brecciated Andesite	0.019	0.5			
50.50	52.00	1.50	1067048		Brecciated Andesite	<0.005	1.4			
52.00	52.68	0.68	1067049		Brecciated Andesite	0.109	0.3			
52.68	54.18	1.50	1067050		Brecciated Andesite	0.054	4.8			
54.18	55.55	1.37	1067051		Brecciated Andesite	0.128	7.8			
55.55	57.18	1.63	1067052		Brecciated Andesite	0.009	0.3			
57.18	58.62	1.44	1067053		Brecciated Andesite	0.023	0.8			
58.62	60.06	1.44	1067054		Brecciated Andesite	0.144	12.9			
60.06	60.06		1067055	**Blank**		<0.005	<0.1			
60.06	60.76	0.70	1067056		Feldspar Porphyry	0.244	5.0			
60.76	62.00	1.24	1067057		Brecciated Andesite	0.069	3.4			
62.00	63.20	1.20	1067058		Brecciated Andesite	0.049	1.1			
63.20	64.43	1.23	1067059		Brecciated Andesite	0.014	0.4			
64.43	65.03	0.60	1067060		Mafic Dyke	0.015	1.1			
65.03	65.63	0.60	1067061		Mafic Dyke	0.048	1.0			
65.63	66.23	0.60	1067062		Feldspar Porphyry Breccia	0.075	1.6			
66.23	67.70	1.47	1067063		Feldspar Porphyry	0.038	0.9			
67.70	69.20	1.50	1067064		Andesite	0.007	0.2			
69.20	69.20		1067065	**STD: PM 436**		0.386	0.2			

Charlotte Project
DDH-11-270
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
69.20	70.00	0.79	1067066		Andesite	<0.005	<0.1			
70.00	72.26	2.26	1067067		Andesite	0.006	0.2			
72.26	73.78	1.52	1067068		Andesite	0.014	0.4			
73.78	75.30	1.52	1067069		Andesite	<0.005	0.3			
75.30	76.55	1.25	1067070		Andesite	<0.005	0.1			
76.55	77.73	1.18	1067071		Andesite	<0.005	<0.1			
77.73	78.62	0.89	1067072		Andesite Breccia	0.018	0.2			
78.62	79.80	1.18	1067073		Andesite	0.007	<0.1			
79.80	80.85	1.05	1067074		Andesite Breccia	<0.005	<0.1			
79.80	80.85	1.05	1067075	**Duplicate**	Andesite Breccia	<0.005	<0.1			
80.85	81.75	0.90	1067076		Andesite Breccia	0.010	0.2			
81.75	83.23	1.48	1067077		Andesite	0.013	0.6			
83.23	84.80	1.57	1067078		Andesite	0.028	0.4			
84.80	85.30	0.50	1067079		Andesite Breccia	0.027	0.3			
85.30	85.90	0.60	1067080		Andesite Breccia	0.009	0.1			
85.90	87.00	1.10	1067081		Andesite Breccia	0.006	0.1			
87.00	88.33	1.33	1067082		Andesite	<0.005	<0.1			
88.33	89.66	1.33	1067083		Andesite	<0.005	0.1			
89.66	90.99	1.33	1067084		Andesite	0.008	<0.1			
90.99	90.99		1067085	**STD: PM 925**		>10.000	>100.0	11.8		173
90.99	92.32	1.33	1067086		Andesite	0.015	0.2			
92.32	93.56	1.24	1067087		Breccia	0.009	0.2			
93.56	95.00	1.44	1067088		Andesite Breccia	0.007	0.2			
95.00	96.18	1.18	1067089		Andesite Breccia	<0.005	<0.1			
96.18	97.00	0.82	1067090		Andesite	<0.005	<0.1			
97.00	97.70	0.70	1067091		Breccia	0.012	0.2			
97.70	99.52	1.82	1067092		Breccia	0.079	0.9			
99.52	101.02	1.50	1067093		Andesite	0.014	<0.1			
101.02	102.53	1.51	1067094		Andesite	<0.005	<0.1			
102.53	102.53		1067095	**Blank**		<0.005	<0.1			
102.53	103.45	0.92	1067096		Faulted Andesite	0.039	0.1			
103.45	104.90	1.45	1067097		Andesite	0.025	0.1			
104.90	106.32	1.42	1067098		Andesite	0.010	<0.1			
106.32	107.00	0.68	1067099		Breccia	0.027	0.2			
107.00	108.89	1.89	1067100		Breccia	0.016	0.1			
108.89	110.10	1.21	1067101		Breccia	0.012	0.1			
110.10	110.87	0.77	1067102		Andesite	0.017	<0.1			
110.87	111.68	0.81	1067103		Breccia	0.017	0.1			
111.68	113.25	1.57	1067104		Andesite	<0.005	<0.1			
113.25	113.25		1067105	**STD: PM 436**		0.407	0.2			
113.25	114.33	1.08	1067106		Andesite	0.014	0.1			
114.33	115.40	1.07	1067107		Breccia	0.010	0.1			
115.40	116.46	1.06	1067108		Breccia	0.014	0.2			
116.46	117.53	1.07	1067109		Breccia	0.012	0.1			
117.53	118.80	1.27	1067110		Breccia	0.007	<0.1			
118.80	120.12	1.32	1067111		Brecciated Andesite	0.009	<0.1			
120.12	EOH									

Charlotte Project
DDH-11-271
Drill Log Summary and Cover Sheet

Hole Id: **DDH-11-271**
Property: **Charlotte**
Area: **Flex Zone**
Client: **Ansell Capital Corp.**

Logged By: **L. Binnion**
Date Logged: **Aug. 13-Aug 16 2011**

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	NAD83, Zone 8		
Easting:	386802.45 mE	Azimuth:	042 °
Northing:	6881663.09 mN	Dip:	-50 °
Elevation:	1288.68 m	Length:	185.06 m

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	386806 mE	Azimuth:	045 °
Northing:	6881662 mN	Dip:	-50 °
Elevation:		Length:	100 m

Drilling Information:

Contractor:	DJ Drilling
Core Diameter:	HQ
Start Date:	Aug 4 2011
End Date:	Aug 8 2011
Casing In:	No
Casing Capped:	No
Units:	Metric

Hole Objective:
Twin of DDH-11-257.

Hole Summary:
This hole is dominated by a fine-grained, often silicified mafic gneiss. The upper 84 metres of the hole is very faulted and has a high clay content. This interval is comprised of mafic gneiss occasionally interfingered by a fine-grained, brown, soft quartz-feldspar gneiss and a phyllic-altered felsic schist. The faults are strongly gouged making proper identification of the units difficult. At 156.75 metres, the hole intersects a 10 metre interval of dark matrix-dominated feldspar porphyry. The hole ends in mafic gneiss at 185.06 metres. The mafic gneisses are variably magnetic and are remnant of pillow basalts. Between 119.4 and 131.68 metres, the hole intersected a zone comprised of gneisses whose foliation is parallel to core axis. This is the second largest intersection of foliation parallel to core axis intersected in this year's drilling. Immediately above this interval is a zone of moderately broken and clay rock and below is a large interval of consolidated fault gouge. There are two good sulphide intervals. One is at 104.73-105.79m where there is semi-massive pyrite and possibly arsenopyrite in a fault zone. The other is at 141.50-144.51m which contains three 5cm veins of semi-massive pyrite, arsenopyrite, and sphalerite.

Lithology Summary

From	To	Lith	Comment
0.00	9.15	**CAS**	
9.15	22.85	**MGn**	
22.85	39.50	**Cly-z**	
39.50	41.73	**QFGn**	
41.73	44.82	**Cly-z**	
44.82	50.45	**FZ**	
50.45	51.15	**Cly-z**	
51.15	52.50	**QFGn**	
52.50	67.38	**MGn**	
67.38	73.18	**QFGn**	
73.18	75.18	**MGn**	
75.18	80.35	**Gn**	
80.35	81.18	**QFGn**	
81.18	85.60	**Gn**	
85.60	99.70	**MGn**	
99.70	100.40	**FZ**	
100.40	104.28	**FSch**	
104.28	104.73	**FZ**	
104.73	105.79	**SV**	Massive sulfides
105.79	106.40	**FZ**	
106.40	128.30	**FSch**	
128.30	130.30	**FSch-x-z**	
130.30	134.60	**Chl-z**	
134.60	140.00	**MGn**	
140.00	140.80	**FSch**	
140.80	141.50	**FZ**	
141.50	144.51	**FSch-x**	Sulfide-rich
144.51	149.53	**FSch**	Sulfide-rich
149.53	150.27	**QFSch-x**	
150.27	153.10	**FSch**	
153.10	156.75	**MGn**	
156.75	161.96	**FP**	Mafic, matrix dominated
161.96	163.65	**FP**	Matrix dominated
163.63	166.30	**FP**	Propylitic alteration
166.30	166.98	**Gn**	
166.98	170.04	**MGn-x**	
170.04	185.06	**MGn**	
185.06		**EOH**	

Charlotte Project
DDH-11-271
Detailed Log

Hole Id: DDH-11-271
Logged By: L. Binnion

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization						Alteration														Foliation	Shearing		Fractures		Veins			Brecciation					Upper Contact	Lower Contact
From	To	From	To	Code			Py%	Asp%	Grn%	Sp%	Cp%	FSp%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	%Clasts	Rounding	Matrix	%Matrix	Intensity	to CA	Description	to CA	Description
0.00	9.15			CAS		CASING																																										
9.15	22.85			MGn	Mafic Gneiss	Fairly hard, fine-grained, greenish-grey rock. Schistocity ranges from 0 deg tca (drilling parallel) to 35 deg tca. There is some chlorite alteration, and some manganese staining and limonite along fracture surfaces, but generally the alteration level is low. However, much of the unit is broken up and rubbly. Larger pieces exhibit pillow rinds (see photo). There is very little sulphides but the occasional stringer will contain some pyrite. At 20.55m there is a 1cm quartz vein at 0 dea that contains some pyrite grains.	trace	0	0	0	0	0	stringers, veins	Dark green-grey	-	-	-	-	-	-	-	1	-	-	-	2	-	-	-	-	Pervasive	0-35	-	-	-	3	0	<1%	1cm	veinlet	quartz-pyrite	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
22.85	39.50			Cly-z	Fault zone	Zone of low recovery containing up to 70% fault gouge. Most of the section is orange and contains a significant amount of clay.	0	0	0	0	0	0	-	Orange, white, mint green	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	3	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
		26.52	27.59	MGn	Mafic Gneiss	As 9.15-22.85m. The pieces are too small to say definitively that there are pillow rinds but some pieces show indications that there are.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
		27.59	32.62	Cly-z	Fault zone	Zone is completely covered in orange clay.	-	-	-	-	-	-	-	Orange	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
		32.62	35.62	FZ	Fault zone	Zone of low recovery containing 25% fault gouge and brown-coloured rubble. There is probably some limonite but the rock doesn't have the orange colour that usually accompanies limonite.	-	-	-	-	-	-	-	Brown	-	-	-	-	-	-	-	3?	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
		35.62	36.60	FZ-x	Brecciated Fault zone	As 27.59-32.62m except in one piece of core there is little clay coverage and breccia texture is visible. The clasts are white clay and the matrix is orange clay.	-	-	-	-	-	-	-	Orange	-	-	-	-	-	-	-	4	-	-	-	-	-	-	4	Pervasive	-	-	-	-	-	-	-	-	-	White clay	50%	sub rounded	orange clay	50%	moderate to intense	-	faulted and gougey	-	faulted and gougey
		36.60	37.45	FZ	Fault zone	Zone with 50% fault gouge and 50% rubble. Most of the section is light yellow-green colour except for some dark grey, hard rubble that contains sooderite alteration as well as disseminated pyrite and arsenopyrite. There is one small section of purple alteration which may be hematite.	1%	1%	0	0	0	0	Disseminated	Light yellow-green, dark grey	2	-	1	-	-	-	-	-	1	-	-	-	-	-	-	3	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
		37.45	38.00		Silicified zone	Section of light coloured competent rock that appears to contain mostly quartz with some sericite alteration.	-	-	-	-	-	-	-	Light grey	4	-	-	1	-	-	-	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
39.50	41.73			QFGn	Quartz Feldspar Gneiss	Broken up zone containing up to 10% fault gouge. Rock is brown, fairly soft, fine grained and gneissic. Section contains quartz grains and a trace amount of disseminated pyrite.	trace	0	0	0	0	0	Disseminated	Brown	-	-	-	-	-	-	-	?	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
41.73	44.82			Cly-z	Fault zone	Zone of low recovery where core is completely covered in orange clay.	-	-	-	-	-	-	-	Orange	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
44.82	50.45			FZ	Sulphide-rich fault zone	Clay-dominated fault zone containing 30% fault gouge. Section is a light grey colour due to the mixture of white clay with dark grey sulphide-rich rock. There is yellow sooderite alteration throughout the unit. In many places the unit is 50% pyrite/arsenopyrite, and there is a strong sulphur odour. The last 60cm of the unit is dark grey due to lack of white clay.	25%	25%	0	0	0	0	Disseminated	Light grey	-	-	-	2	-	-	-	-	-	-	-	-	-	-	4 to 5	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
50.45	51.15			Cly-z	Fault zone	Zone is 65% fault gouge, and is mostly orange except for the rubble which appears to be mostly grey quartz.	-	-	-	-	-	-	-	Orange	-	-	-	-	-	-	-	3 to 4	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
51.15	52.50			QFGn	Quartz Feldspar Gneiss	As 39.50-41.73m. The beginning of this section displays limonite staining and thus is more orange than the rest of the unit which is more brown. At 52.10-52.30m there is a clay-rich section.	-	-	-	-	-	-	-	Orange, brown	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	rubbly
52.50	67.38			MGn	Mafic Gneiss	Fg dark green-grey gneissic rock. There is pervasive chlorite alteration, and some of the bands are epidote-rich, possibly containing some sericite as well. There is weak limonite alteration along fracture planes. The unit displays intermittent magnetism. The hardness also varies throughout the unit, in general magnetic zones are harder than the non magnetic zones. Foliation at 55.18m 50 deg tca, at 60.06m 45 deg tca. There are 1-2mm quartz stringers +/- pyrite parallel to foliation. Crosscutting quartz +/- pyrite +/- hematite veins are later stage.	trace	0	0	0	0	0	veinlets	Dark green-grey	2	-	-	1	-	-	-	1	1	-	2	2	-	1	-	-	Pervasive, in veinlets, along fractures	50	-	-	-	1	50	1 to 2%	1-2mm	stringers	quartz +/- pyrite	-	-	-	-	-	-	-	rubbly	-	broken
		66.10	67.38	QV	Quartz Vein	Broken up pieces of a quartz vein with a hard maroon-coloured coating on some fracture surfaces. Pyrite is present along these fracture planes, and as clots. From 66.70 to 67.13m there is a section of mafic gneiss similar to 52.50-67.38m.	1%	0	0	0	0	0	along fractures	Light grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	broken	-	broken
67.38	73.18			QFGn	Quartz Feldspar Gneiss	Brown to yellow, soft, fg gneissic rock containing quartz and feldspar. Foliation is 60 deg tca. There are several crosscutting veins of pyrite 1-3mm thick. At the beginning of the section the rock is brown, but the end half it becomes more yellow/orange, possibly because of the dominance of sericite/limonite alteration. The surface of the core often has a pitted, vuggy texture. Unit is mainly broken up and rubbly, especially after the fault zone.	trace	0	0	0	0	0	veinlets	Brown, yellow	-	-	-	-	3	-	-	3	-	-	-	-	-	-	-	-	Pervasive	60	-	-	-	2	-	1%	1-3mm	stringers	quartz +/- pyrite	-	-	-	-	-	-	-	broken	-	gougey
		68.70	70.06	FZ	Fault zone	Fault zone containing 40% fault gouge. Zone is dominated by white clay with some light orange and mint-green patches due to limonite and fuchsite? Alteration. There are plenty of small quartz fragments in the gouge. After 69.82m the amount of fault gouge decreases but the zone is still rubbly. There is 1-2% pyrite that coats the surface of some fragments.	1-2%	0	0	0	0	0	fracture surfaces	White with yellow & green alteration	-	-	-	-	1	-	-	1	-	-	-	-	-	-	4	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	gougey	-	gougey
		70.06	70.60	Cly-z	Fault zone	Core is completely covered in orange clay.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	gougey	-	broken
73.18	75.18			MGn	Silicified Mafic Gneiss	Rock has the same colour and texture as 52.50-67.38m except there are a number of ~1cm quartz veins usually parallel to foliation, and the rock is highly silicified. There are no areas of magnetism in this section. Weak limonite alteration is present along fracture surfaces.	trace	0	0	0	0	0	veinlets	Green-grey	4	-	-	-	-	-	-	2	-	-	-	2	-	-	-	-	Pervasive, fractures	50	-	-	-	3	50	40%	1cm	concordant	quartz	-	-	-	-	-	-	-	broken	-	gougey
		73.18	74.15	MGn	Silicified Mafic Gneiss	Very broken up and rubbly section composed of silicified mafic gneiss as above.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-
75.18	80.35			Gn	Limonite gneiss	Rubbly and gougey section heavily altered by limonite and sericite. Gneissic textures are preserved, gneissocity is 60 deg tca. Less altered areas are highly silicified, and throughout the unit there is a large amount of foliaform quartz veins between 0.5-1cm. Occasionally these veins contain trace pyrite.	trace	0	0	0	0	0	in veins	Orange	3	-	-	2	-	-	-	3	-	-	-	-	-	-	-	-	Pervasive	60	-	-	-	4	60	30%	0.5-1cm	concordant	quartz	-	-	-	-	-	-	-	gougey	-	rubbly
		79.20	80.35	Gn	Limonite gneiss	Rubble is especially small in this section and there is 10% fault gouge.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80.35	81.18			QFGn	Quartz Feldspar Gneiss	Competent zone of highly silicified quartz feldspar gneiss. Bands alternate between quartz-rich grey bands and sericite-rich yellow bands. Gneissocity at 65 deg tca. At 81.00-81.05m there is a small fault zone and at 81.05-81.18m is a cream coloured siliceous rock displaying no gneissocity. Some stringers are pyrite bearing.	trace	0	0	0	0	0	stringers	Light grey, yellow	3	-	-	3	-	-	-	1	-	-	-	-	-	-	-	-	Pervasive	65	-	-	-	65	40%	0.5-3cm	concordant	quartz	-	-	-	-	-	-	-	rubbly	-	gougey
81.18	85.60			Gn	Limonite gneiss	As 75.18-80.35m.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		81.18	81.71	FZ	Fault zone	Core is completely covered in orange clay.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		85.30	85.60	Gn	Gneiss	Section displays sea-green chlorite alteration with sericite and there is a series of concentric dark grey rings (see photo). Dark grey grains are disseminated pyrite.	trace	0	0	0	0	0	Disseminated	Sea-green	2	-	-	2	-	-	-	2	-	-	-	2	-	-	-	-	Pervasive	-	-	-	-	-	-	5%	0.5cm	concentric rings	?	-	-	-	-	65	sharp	-	broken
85.60	99.70			MGn	Silicified Mafic Gneiss	Fg, dark green-grey colour but some bands are medium-grey due to silicification. Weakly gneissic rock. There is pervasive chlorite alteration throughout the unit. Sericite alteration occurs in bands about 5cm thick intermittently throughout the unit. There is weak limonite alteration along fracture planes. The unit displays intermittent magnetism in the darker coloured bands that do not have sericite alteration. The hardness also varies throughout the unit, in general magnetic zones are harder than the non magnetic zones. Foliation is 60 deg tca. There are 1-2mm quartz stringers +/- pyrite parallel to foliation throughout the section. There are some veins that do not follow rock fabric but instead make concentric patterns, these may be pillow rinds.	trace	0	0	0	0	0	stringers	Medium grey	3	-	-	2	-	-	-	1	-	-	1	2	-	-	-	-	Pervasive, along fracture	60	-	-	-	1	-	2%	1mm	stringers	quartz/pyrite	-	-	-	-	-	-	-	broken	-	faulted and gougey
99.70	100.40			FZ	Sulphide-rich fault zone	Zone dominated by white clay, but there are some cm-scale bands of dark grey material which contains some disseminated sulphides that are too small to be properly identified. Possibly pyrite and/or arsenopyrite.	3%	3%	0	0	0	0	disseminated	Light grey with dark grey bands	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
100.40	104.28			FSch	Feldspar Schist	Unit is dominated by feldspar grains that have altered to white clay, and sericite. There is a distinct rock fabric with a weak greissocity developing at 45 deg tca. Pyrite is disseminated throughout and also found in veinlets that both follow the rock fabric and crosscut it. Likely this section demonstrates phyllic alteration.	2%	0	0	0	0	0	disseminated, veinlets	Cream	-	-	-	3	-	-	-	-	-	-	-	-	-	-	2	Pervasive	45	-	-	-	1	45	1%	1mm	stringers	pyrite	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
104.28	104.73			FZ	Sulphide-rich fault zone	As 99.70-100.40m.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
104.73	105.79			SV	Sulphide vein	The bulk of the vein is made up of a silica-rich, vfg, dark grey, hard material. There is about 50% semi-massive sulphides including pyrite (40%), sphalerite (5%), and arsenopyrite (5%). The sphalerite here is dark, almost black in colour. The beginning 20cm of the unit is rubbly and the pieces have somewhat rounded edges.	40%	5%	0	5%	0	0	Semi-massive	Dark gray	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
105.79	106.40			FZ	Fault zone	As 99.70-100.40m.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
106.40	128.30			FSch	Feldspar Schist	As 100.40-104.28m. This section contains a lot of rubble mixed in with some competent intervals. White clay is present in varying quantities throughout and usually contains some carbonate, save for in the most competent intervals. Quartz and pyrite veins are common and both follow schistocity and cross-cut it. The main rock is cream coloured due to extensive sericite alteration, but around the veins there are medium-grey coloured haloes. The schistocity starts off at 60 deg tca, at 107.50m it is 45 deg tca, at 110.75m it is 25 deg tca, at 114.00m it is 20 deg tca at 121.25m it is 10 deg tca at 123.25m it is 0 deg tca. Between 114.00m and 114.85m they drilled directly down a 1cm fault zone (1cm zone of white clay through the middle of the core).	2-3%	0	0	0	0	0	disseminated, veinlets	Cream	-	-	-	-	3	1 to 2	-	-	-	-	-	-	-	-	-	-	Pervasive (phyllic)	60-0	-	-	-	3	60-0	15%	1-10mm	concordant	quartz + pyrite	-	-	-	-	-	-	-	faulted and gougey	-	-
		107.80	109.00	FSch	Feldspar Schist	As above, but a higher amount of pyrite (5-7%) which gives the rock a more grey colour.	5%	0	0	0	0	0	disseminated, veinlets	Medium grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		112.06	114.00	FSch-z	Faulted Feldspar Schist	As above, but very rubbly unit with especially small pieces and 10% fault gouge.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		118.80	119.40	FSch-z	Faulted Feldspar Schist	As above, but very rubbly unit with especially small pieces and 10% fault gouge.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		121.10	128.30	FSch	Feldspar Schist	Competent zone. At 125.80m some quartz was intruded into the section and locally brecciated the host rock. In this section the core is parallel to the schistocity. Starting at 126.80m there is a pink tinge to the rock (hematite?).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128.30	130.30			FSch-x-z	Faulted and brecciated Feldspar Schist	Rubbly and brecciated unit with 40% fault gouge.	2-3%	0	0	0	0	0	disseminated	Cream	-	-	-	-	1 to 2	-	-	-	-	-	-	-	-	-	-	4	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
130.30	134.60			Chl-z	Chlorite-rich fault zone	Fg, very dark green-grey rock that is exceptionally soft with a high amount of clay content. Chlorite alteration is extensive throughout the unit, and there is some hematite and fuchsite? alteration in veins. Most of the veinlets in this section contain calcite. Many broken surfaces are coated with calcite slickensides (between 10-25 deg tca). There is 1% disseminated pyrite as well as pyrite in 1-3mm crosscutting veinlets.	2%	0	0	0	0	0	disseminated, veinlets	Dark grey-green	-	-	-	-	2	-	-	-	-	4	-	-	-	-	1	Pervasive	10 to 25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
		130.30	131.60	Chl-x	Chlorite-rich breccia	As above but the core is competent with no clay. There is no distinct rock fabric because this rock has been both brecciated and plastically deformed.	2%	0	0	0	0	0	disseminated, veinlets	Dark grey-green	-	-	-	-	2	-	-	-	-	4	-	-	-	-	1	Pervasive	10 to 25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	broken
134.60	140.00			MGn	Mafic Gneiss	Fg dark green-grey, medium hardness, slightly silicified. There is a greissocity that is beginning to develop, trending 20 deg tca. There is pervasive chlorite alteration, and some patchy epidote alteration. The unit displays local magnetism. There are 1-2mm calcite stringers +/- pyrite parallel to foliation. A number of pyrite-bearing calcite veins also crosscut foliation. There is 1-2% disseminated pyrite.	3%	0	0	0	0	0	disseminated, veinlets	Dark grey-green	2	-	-	-	1	-	-	-	-	4	-	-	-	-	-	Pervasive, veinlets	20	-	-	-	1	20	2%	1-2mm	stringers	calcite, pyrite	-	-	-	-	-	-	-	broken	-	broken/fissile
140.00	140.80			FSch	Feldspar Schist	As 100.40-104.28m. Foliation is 25 deg tca.	2%	0	0	0	0	0	disseminated, veinlets	Cream	-	-	-	3	-	-	-	-	-	-	-	-	-	-	2	Pervasive	25	-	-	-	3	25	2%	1-3mm	veinlets, stringers	quartz, pyrite	-	-	-	-	-	-	-	broken	-	faulted and gougey
140.80	141.50			FZ	Fault zone	Core is covered in grey clay which appears to be a mixture of white clay and sulphides. The end of the section is rubble of feldspar schist breccia.	5%	0	0	0	0	0	disseminated	Medium grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3 to 4	Pervasive	-	-	-	-	-	-	-	-	-	Feldspar Schist	75%	sub angular	dark grey material	25%	moderate	-	faulted and gougey	-	broken
141.50	144.51			FSch-x	Sulphide-rich Feldspar Schist Breccia	Feldspar schist that has been brecciated by both a medium-grey siliceous material and white clay. Between 141.50-141.95m there are three 3cm veins that contain massive aspy, py with some sphalerite. There is 5% disseminated pyrite throughout the whole section. There is a band of epidote at 142.70m.	10%	2%	0	1%	0	0	semi-massive, disseminated,	Cream, medium grey	2	-	-	2	-	-	-	-	-	-	-	-	-	-	3	Pervasive	-	-	-	-	-	35	2%	3cm	vein	py, aspy, sph	FSch	60%	angular-subangular	dark grey material, white clay	40%	intense	-	broken	-	faulted and broken
		143.15	143.45	SV-z	Faulted massive sulphide vein	Clay-rich zone which is dark grey in colour because of the presence of disseminated sulphides.	60%	10%	0	0	0	0	Semi-massive	Dark grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
144.51	149.53			FSch	Feldspar Schist	As 100.40-104.28m. Foliation is 55dtca. 5cm intervals of fault gouge/clay at 145.00m and 145.33m.	2%	0	0	0	0	0	disseminated, veinlets	Cream	-	-	-	3	-	-	-	-	-	-	-	-	-	-	2	Pervasive	55	-	-	-	2	55	2%	1-5mm	veinlets, stringers	quartz, pyrite	-	-	-	-	-	-	-	faulted and broken	-	faulted and rubbly
		145.33	147.00	MGn	Mafic Gneiss	Fg very dark green rock with medium hardness and developed gneissocity at 25 deg tca. At the beginning and end of the section there are 5cm zones of fault gouge, as well as in the center 145.93-146.23m there is a small section of feldspar schist with 5cm fault gouge on either side. The whole unit contains 1-2% disseminated pyrite, and there are a couple calcite stringers throughout that both follow the rock fabric and crosscut it.	1-2%	0	0	0	0	0	disseminated	Dark green	-	-	-	-	-	1	-	-	-	-	-	3 to 4	-	-	-	-	Pervasive	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
149.53	150.27			QFSch-z	Brecciated Quartz Feldspar Schist	Brecciated fairly soft, fg medium brownish-grey rock with developed schistocity 35 deg tca. The rock is composed of quartz and feldspar grains with chlorite. There are some 'blebs' of dark green chlorite alteration, and a couple small pink grains that maybe garnet. Pervasive sericite alteration. 2% pyrite disseminated and in crosscutting stringers of quartz and calcite. The beginning of the section is 20cm of rubble and 5-10% fault gouge with lots of white clay. Section contains 'blebs' of quartz.	2%	0	0	0	0	0	disseminated, stringers	Medium brownish-grey	-	-	-	3	-	-	-	-	1?	-	-	3	-	-	-	2	Pervasive	35	-	-	-	2	-	1%	1mm	stringers	pyrite, quartz	-	-	-	-	-	-	-	faulted and rubbly		
150.27	153.10			FSch	Feldspar Schist	Unit is dominated by feldspar grains that have altered to white clay, and sericite. Many areas of the section have a large amount of white clay and the core falls apart easily. Foliation is 15-25 deg tca. Pyrite is disseminated throughout and also found in veinlets that both follow the rock fabric and crosscut it. Likely this section demonstrates phyllic alteration. At 152.55m there is a 2cm wide calcite vein trending 60 deg tca that has sphalerite and galena(?) on the selvages. The rock directly around the vein is brecciated.	2-3%	0	trace?	trace	0	0	disseminated, along vein selvage	Cream-yellow	-	-	-	3	1	-	-	-	-	-	-	3	-	-	-	3	Pervasive	15 to 25	-	-	-	2	60	<1%	2cm	vein	calcite, sph, py, gal?	FSch	80%	angular	calcite, quartz	20%	moderate	30	gougey	-	gradual transition
153.10	156.75			MGn	Mafic Gneiss	Fg, dark green-grey colour, hard and silicified gneissic unit. There is pervasive chlorite alteration throughout, and epidote is present locally in some bands. Calcite and a pink mineral that also reacts with HCl (dolomite?) are present along some fractured surfaces. Quartz veins likely related to the silicification event trend parallel to rock fabric which is 40 deg tca. There is about 2% disseminated pyrite as well as pyrite that is hosted in stringers and quartz veinlets.	3-4%	0	0	0	0	0	disseminated, stringers, quartz veinlets	Dark grey-green	3	-	-	-	1	-	-	-	-	-	3	-	1	-	-	Pervasive	40	-	-	-	-	40	10%	3-40mm	concordant	quartz	-	-	-	-	-	-	-	gradual	-	broken
156.75	161.96			FP	Matrix-dominated Mafic Feldspar Porphyry	This unit is very similar in appearance to 153.10-156.75m except there is no distinct rock fabric and there are 5% 3mm diameter feldspar phenocrysts throughout. Epidote alteration occurs intermittently throughout the unit, usually associated with a red mineral that reacts with HCl (dolomite?). Pyrite occurs in the same form as 153.10-156.75m (disseminated and in stringers) but there is less, 1-2%. There is a series of pyrite-bearing calcite stringers most of which trend approximately 30 deg tca. Around these stringers there is often a bleached halo.	1-2%	0	0	0	0	0	disseminated, stringers	Dark grey-green	3	-	-	-	1	-	-	-	-	-	3	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	-	
161.96	163.65			FP	Matrix-dominated feldspar porphyry	This section looks like a bleached version of 156.75-161.96m. The clasts are softer here because they have partially altered to sericite/white clay and the matrix is an orangey-cream colour. The unit is still silicified and cut by carbonate stringers. Pyrite mineralization is the same as 156.75-161.96m. At 162.80m there is a 10cm wide quartz vein with semi-massive pyrite. Right before the vein there is a soft, black, waxy mineral along fracture surfaces that has a white streak.	3%	0	0	0	0	0	disseminated, stringers, quartz vein	Orangey-cream	3	-	-	2	1	-	-	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	40	10%	10cm	vein	quartz, pyrite	-	-	-	-	-	60	sharp, slightly undulating	45	sharp
163.63	166.30			FP	Matrix-dominated feldspar porphyry	As 161.96-163.65m, except the phenocrysts are softer (more intense sericite alteration) and the matrix is a slight purple colour. Pyrite mineralization is the same as above. Some epidote wisps are present. The alteration here is more propylitic.	1-2%	0	0	0	0	0	disseminated, stringers	Purple	3	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	25	<1%	1mm	stringers	calcite	-	-	-	-	-	45	sharp	50	sharp
166.30	166.98			Gn	Gneiss	Fg, hard (silicified) gneissic rock with gneissocity trending 45 deg tca. The bands alternate between purple (similar to 163.63-166.30m) and light green chlorite and sericite alteration. The bands are often contorted and folded. At 160 deg tca there are some 1cm wide pyrite-bearing calcite veins.	2%	0	0	0	0	0	disseminated, veins	Purple	3	-	-	1	1	-	-	-	-	2	-	-	-	-	-	Pervasive	45	-	-	-	-	170	2%	1cm	veinlets	calcite, pyrite	-	-	-	-	-	50	sharp	70	sharp, broken
166.98	170.04			MGn-x	Qtz-flooded Mafic Gneiss Breccia	Very competent, highly silicified light grey, fg section. Unit contains large fragments of FP?- cream coloured and chlorite-altered, that follow the rock fabric (45 deg tca) therefore they were already part of the rock before the foliation event occurred. The unit displays pervasive sericite alteration. There are large clumps of pyrite mineralization throughout accounting for 5% of the rock. Pyrite-bearing quartz veinlets are also present. Between 169.44-169.64m there is a large quartz vein 45 deg tca.	5%	0	0	0	0	0	clumps	Light grey	4	-	-	2	-	-	-	-	-	-	2	-	-	-	-	Pervasive	45	-	-	-	-	45	5%	20cm	vein	quartz	FP?	20%	rounded	silicified mafic gneiss	80%	-	70	sharp, broken	-	gradual
170.04	185.06			MGn	Qtz-flooded Mafic Gneiss	Very competent silicified dark green-grey fg section. Many quartz-rich veins up to 30cm are found throughout the unit. Pyrite stringers are also common. Gneissocity trends 40 deg tca. There are some sections that could be pillow rinds. Chlorite alteration is pervasive throughout, and there are also sections high in sericite. Calcite stringers crosscut the rock fabric. Rarely there is a very soft black mineral associated with pyrite (stibnite or chlorite?).	2%	0	0	0	0	0	disseminated, stringers	Dark green-grey	3	-	-	2	1	-	-	-	-	-	3	-	-	-	-	Pervasive, stringers	40	-	-	-	1	40	15%	0.5-30cm	flooding	quartz	-	-	-	-	-	-	-	gradual	-	EOH
185.06				EOH																																									

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Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field	Comments
17	5.18	198.1	220.6	-48.8	87461	erroneous removed from interpretation
27	8.23	20.4	42.9	-48.9	60103	erroneous removed from interpretation
37	11.28	20.2	42.7	-49.1	58423	
47	14.33	19.3	41.8	-49.1	57954	
57	17.38	17.9	40.4	-49.1	57647	
67	20.43	18.0	40.5	-49.0	57578	
77	23.48	18.5	41.0	-49.5	57345	
87	26.52	21.1	43.6	-49.2	57498	
97	29.57	20.4	42.9	-49.3	57292	
107	32.62	19.5	42.0	-49.1	57235	
117	35.67	17.7	40.2	-49.1	57325	
127	38.72	18.0	40.5	-49.1	57182	
137	41.77	20.9	43.4	-49.4	57484	
147	44.82	17.4	39.9	-49.3	57323	
157	47.87	18.1	40.6	-49.5	57384	
167	50.91	19.7	42.2	-49.6	56715	
177	53.96	20.3	42.8	-49.8	56620	
187	57.01	18.1	40.6	-49.8	57520	
197	60.06	19.5	42.0	-50.0	57315	
207	63.11	19.0	41.5	-50.2	57114	
217	66.16	22.1	44.6	-50.4	57209	
227	69.21	17.4	39.9	-50.2	57229	
237	72.26	17.5	40.0	-50.4	57272	
247	75.30	21.5	44.0	-50.8	57282	
257	78.35	21.6	44.1	-51.0	57328	
267	81.40	20.0	42.5	-51.1	57466	
277	84.45	22.4	44.9	-51.3	57178	
287	87.50	20.8	43.3	-51.3	57409	
297	90.55	20.7	43.2	-51.2	57592	
307	93.60	20.2	42.7	-51.2	57410	
317	96.65	19.1	41.6	-51.3	57207	
327	99.70	19.5	42.0	-51.3	57199	
337	102.74	21.9	44.4	-51.6	57301	erroneous removed from interpretation
347	105.79	18.6	41.1	-51.4	57364	
357	108.84	20.2	42.7	-51.6	57157	
367	111.89	19.7	42.2	-51.8	57159	
377	114.94	22.0	44.5	-52.0	57274	
387	117.99	20.6	43.1	-52.0	57211	
397	121.04	20.3	42.8	-52.0	57223	
407	124.09	22.5	45.0	-52.2	57383	
417	127.13	20.1	42.6	-52.0	57124	
427	130.18	22.4	44.9	-52.4	57393	
437	133.23	19.1	41.6	-52.1	57372	erroneous removed from interpretation
447	136.28	20.5	43.0	-52.6	57246	
457	139.33	20.4	42.9	-52.3	57289	
467	142.38	22.4	44.9	-52.6	57523	
477	145.43	19.0	41.5	-51.9	57439	
487	148.48	21.9	44.4	-52.5	57302	
497	151.52	21.9	44.4	-52.3	57435	
507	154.57	21.4	43.9	-52.3	57267	
517	157.62	19.9	42.4	-52.1	57301	

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Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field	Comments
527	160.67	21.7	44.2	-52.2	57413	
537	163.72	23.1	45.6	-52.6	57316	
547	166.77	19.2	41.7	-52.4	57177	
557	169.82	22.8	45.3	-52.6	57195	
567	172.87	22.7	45.2	-52.6	57076	
577	175.91	20.3	42.8	-52.4	57108	

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Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
9.15	11.28	2.13	1067112		Mafic Gneiss	0.010	0.2			
11.28	12.65	1.37	1067113		Mafic Gneiss	<0.005	0.1			
12.65	14.33	1.68	1067114		Mafic Gneiss	<0.005	0.2			
12.65	14.33	1.68	1067115	**Duplicate**	Mafic Gneiss	<0.005	<0.1			
14.33	16.46	2.13	1067116		Mafic Gneiss	<0.005	0.1			
16.46	18.29	1.83	1067117		Mafic Gneiss	<0.005	<0.1			
18.29	20.12	1.83	1067118		Mafic Gneiss	<0.005	<0.1			
20.12	21.34	1.22	1067119		Mafic Gneiss	<0.005	<0.1			
21.34	22.85	1.51	1067120		Mafic Gneiss	<0.005	<0.1			
22.85	26.52	3.67	1067121		Fault Zone	1.060	10.6			
26.52	27.59	1.07	1067122		Mafic Gneiss	<0.005	<0.1			
27.59	29.57	1.98	1067123		Fault Zone	0.064	0.3			
29.57	32.62	3.05	1067124		Fault Zone	0.377	3.4			
32.62	32.62		1067125	**STD: PM 436**		0.406	0.2			
32.62	35.62	3.00	1067126		Fault Zone	0.013	0.3			
35.62	36.60	0.98	1067127		Brecciated Fault Zone	0.514	10.7			
36.60	37.45	0.85	1067128		Fault Zone	>10.000	>100.0	83.4		885
37.45	38.00	0.55	1067129		Silicified Zone	3.059	51.8			
38.00	39.50	1.50	1067130		Fault Zone	0.462	4.6			
39.50	40.09	0.59	1067131		Quartz Feldspar Gneiss	0.316	15.8			
40.09	41.73	1.64	1067132		Quartz Feldspar Gneiss	0.021	0.3			
41.73	44.82	3.09	1067133		Fault Zone	0.299	4.7			
44.82	47.87	3.05	1067134		Sulphide-Rich Fault Zone	0.987	46.6			
47.87	47.87		1067135	**Blank**		<0.005	<0.1			
47.87	49.85	1.98	1067136		Sulphide-Rich Fault Zone	3.249	50.9			
49.85	50.45	0.60	1067137		Sulphide-Rich Fault Zone	>10.000	>100.0	70.4		3122
50.45	50.45		1067138	**Blank**		0.019	0.7			
50.45	50.45		1067139	**Blank**		0.133	12.5			
50.45	51.15	0.70	1067140		Fault Zone	0.834	91.8			
51.15	52.50	1.35	1067141		Quartz Feldspar Gneiss	0.055	1.1			
52.50	53.93	1.43	1067142		Mafic Gneiss	0.012	0.4			
53.93	55.18	1.25	1067143		Mafic Gneiss	0.008	0.4			
55.18	56.13	0.95	1067144		Mafic Gneiss	0.005	0.1			
56.13	56.13		1067145	**STD: PM 925**		>10.000	>100.0	11.5		168
56.13	57.87	1.74	1067146		Mafic Gneiss	<0.005	0.3			
57.87	59.30	1.43	1067147		Mafic Gneiss	0.012	0.1			
59.30	60.80	1.50	1067148		Mafic Gneiss	0.009	0.2			
60.80	62.30	1.50	1067149		Mafic Gneiss	0.007	<0.1			
62.30	63.80	1.50	1067150		Mafic Gneiss	<0.005	0.2			
63.80	65.10	1.30	1067151		Mafic Gneiss	<0.005	0.7			
65.10	66.10	1.00	1067152		Mafic Gneiss	<0.005	0.1			
66.10	67.38	1.28	1067153		Quartz Vein	0.011	<0.1			
67.38	68.70	1.32	1067154		Quartz Feldspar Gneiss	0.011	0.3			
67.38	68.70	1.32	1067155	**Duplicate**	Quartz Feldspar Gneiss	0.019	0.3			
68.70	70.06	1.36	1067156		Fault Zone	0.042	1.0			
70.06	70.60	0.54	1067157		Fault Zone	0.037	1.7			
70.60	71.70	1.10	1067158		Quartz Feldspar Gneiss	0.009	0.7			
71.70	73.18	1.48	1067159		Quartz Feldspar Gneiss	0.005	0.2			
73.18	74.15	0.97	1067160		Silicified Mafic Gneiss	0.006	<0.1			
74.15	75.18	1.03	1067161		Silicified Mafic Gneiss	<0.005	<0.1			
75.18	77.85	2.67	1067162		Limonite Gneiss	<0.005	<0.1			
77.85	79.20	1.35	1067163		Limonite Gneiss	<0.005	<0.1			
79.20	80.30	1.10	1067164		Limonite Gneiss	<0.005	<0.1			
80.30	80.30		1067165	**STD: PM 436**		0.391	0.2			
80.30	81.18	0.88	1067166		Quartz Feldspar Gneiss	<0.005	0.3			
81.18	81.71	0.53	1067167		Fault Zone	0.008	1.1			
81.71	82.93	1.22	1067168		Limonite Gneiss	<0.005	0.3			
82.93	84.00	1.07	1067169		Limonite Gneiss	<0.005	<0.1			
84.00	85.60	1.60	1067170		Limonite Gneiss	0.032	1.5			
85.60	87.10	1.50	1067171		Silicified Mafic Gneiss	<0.005	<0.1			
87.10	88.60	1.50	1067172		Silicified Mafic Gneiss	<0.005	<0.1			
88.60	90.05	1.45	1067173		Silicified Mafic Gneiss	<0.005	<0.1			
90.05	91.55	1.50	1067174		Silicified Mafic Gneiss	<0.005	<0.1			
91.55	91.55		1067175	**Blank**		<0.005	<0.1			
91.55	93.10	1.55	1067176		Silicified Mafic Gneiss	0.006	<0.1			

Charlotte Project
DDH-11-271
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
93.10	94.60	1.50	1067177		Silicified Mafic Gneiss	<0.005	<0.1			
94.60	96.10	1.50	1067178		Silicified Mafic Gneiss	<0.005	0.1			
96.10	97.65	1.55	1067179		Silicified Mafic Gneiss	<0.005	<0.1			
97.65	98.65	1.00	1067180		Silicified Mafic Gneiss	<0.005	<0.1			
98.65	99.70	1.05	1067181		Silicified Mafic Gneiss	<0.005	<0.1			
99.70	100.40	0.70	1067182		Sulphide-Rich Fault Zone	0.038	0.7			
100.40	101.90	1.50	1067183		Feldspar Schist	0.017	0.3			
101.90	104.28	2.38	1067184		Feldspar Schist	<0.005	0.4			
104.28	104.28		1067185	**STD: PM 925**		>10.000	>100.0	11.2		156
104.28	104.73	0.45	1067186		Sulphide-Rich Fault Zone	0.289	64.8			
104.73	105.79	1.06	1067187		Sulphide Vein	>10.000	>100.0	30.4		626
105.79	105.79		1067188	**Blank**		0.018	0.5			
105.79	105.79		1067189	**Blank**		0.047	1.4			
105.79	106.40	0.61	1067190		Fault Zone	0.664	22.6			
106.40	107.80	1.40	1067191		Feldspar Schist	0.248	11.5			
107.80	109.00	1.20	1067192		Feldspar Schist	0.116	2.4			
109.00	110.53	1.53	1067193		Feldspar Schist	0.223	2.0			
110.53	112.06	1.53	1067194		Feldspar Schist	0.033	0.2			
110.53	112.06	1.53	1067195	**Duplicate**	Feldspar Schist	0.046	0.3			
112.06	113.05	0.99	1067196		Faulted Feldspar Schist	0.021	0.2			
113.05	114.00	0.95	1067197		Faulted Feldspar Schist	0.038	0.2			
114.00	115.40	1.40	1067198		Feldspar Schist	0.043	0.4			
115.40	116.80	1.40	1067199		Feldspar Schist	0.007	0.2			
116.80	118.30	1.50	1067200		Feldspar Schist	<0.005	0.3			
118.30	119.40	1.10	1067201		Faulted Feldspar Schist	0.009	4.5			
119.40	121.10	1.70	1067202		Feldspar Schist	0.019	1.1			
121.10	122.25	1.15	1067203		Feldspar Schist	0.008	1.3			
122.25	123.80	1.55	1067204		Feldspar Schist	0.029	1.4			
123.80	123.80		1067205	**STD: PM 436**		0.396	0.2			
123.80	125.30	1.50	1067206		Feldspar Schist	0.012	0.9			
125.30	126.72	1.42	1067207		Feldspar Schist	0.019	1.1			
126.72	128.30	1.58	1067208		Feldspar Schist	0.015	1.4			
128.30	129.75	1.45	1067209		Faulted/Bx Feldspar Schist	0.079	9.0			
129.75	130.30	0.55	1067210		Faulted/Bx Feldspar Schist	0.212	2.1			
130.30	131.60	1.30	1067211		Chlorite-Rich Fault Zone	0.033	0.7			
131.60	132.90	1.30	1067212		Chlorite-Rich Fault Zone	<0.005	0.2			
132.90	134.60	1.70	1067213		Chlorite-Rich Fault Zone	<0.005	<0.1			
134.60	136.11	1.51	1067214		Mafic Gneiss	<0.005	<0.1			
134.60	136.11	1.51	1067215	**Duplicate**	Mafic Gneiss	<0.005	<0.1			
136.11	137.60	1.49	1067216		Mafic Gneiss	<0.005	0.1			
137.60	138.84	1.24	1067217		Mafic Gneiss	<0.005	0.2			
138.84	140.00	1.16	1067218		Mafic Gneiss	<0.005	0.2			
140.00	140.80	0.80	1067219		Feldspar Schist	0.049	0.5			
140.80	141.50	0.70	1067220		Fault Zone	0.576	5.9			
141.50	142.10	0.60	1067221		Sulphide Feld Schist Bx	8.561	>100.0	7.6		92
142.10	142.85	0.75	1067222		Sulphide Feld Schist Bx	0.433	6.8			
142.85	143.50	0.65	1067223		Sulphide Feld Schist Bx	>10.000	>100.0	23.7		133
143.50	143.50		1067224	**Blank**		<0.005	0.2			
143.50	143.50		1067225	**STD: PM 925**		>10.000	>100.0	11.8		173
143.50	144.51	1.01	1067226		Sulphide Feld Schist Bx	0.160	11.1			
144.51	145.33	0.82	1067227		Feldspar Schist	0.035	0.6			
145.33	147.00	1.67	1067228		Mafic Gneiss	<0.005	<0.1			
147.00	148.48	1.48	1067229		Feldspar Schist	0.039	1.4			
148.48	149.50	1.02	1067230		Feldspar Schist	0.035	0.9			
149.50	150.35	0.85	1067231		Bx Quartz Feldspar Schist	<0.005	0.1			
150.35	152.08	1.73	1067232		Feldspar Schist	0.554	2.8			
152.08	153.10	1.02	1067233		Feldspar Schist	0.431	2.1			
153.10	154.57	1.47	1067234		Mafic Gneiss	0.030	0.2			
154.57	154.57		1067235	**Blank**		<0.005	<0.1			
154.57	155.70	1.13	1067236		Mafic Gneiss	0.007	<0.1			
155.70	156.70	1.00	1067237		Mafic Gneiss	0.008	0.1			
156.70	158.20	1.50	1067238		Matrix Mafic Feld Porphyry	0.027	0.4			
158.20	159.30	1.10	1067239		Matrix Mafic Feld Porphyry	0.019	1.1			
159.30	160.80	1.50	1067240		Matrix Mafic Feld Porphyry	0.136	0.3			
160.80	161.96	1.16	1067241		Matrix Mafic Feld Porphyry	<0.005	<0.1			

Charlotte Project
DDH-11-271
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
161.96	162.90	0.94	1067242		Matrix Mafic Feld Porphyry	0.012	0.3			
162.90	163.65	0.75	1067243		Matrix Mafic Feld Porphyry	0.007	<0.1			
163.65	164.94	1.29	1067244		Matrix Mafic Feld Porphyry	<0.005	<0.1			
164.94	164.94		1067245	**STD: PM 436**		0.375	0.2			
164.94	166.30	1.36	1067246		Matrix Mafic Feld Porphyry	<0.005	0.1			
166.30	167.00	0.70	1067247		Gneiss	<0.005	<0.1			
167.00	168.50	1.50	1067248		Silicified Mafic Gneiss Bx	<0.005	<0.1			
168.50	170.04	1.54	1067249		Silicified Mafic Gneiss Bx	<0.005	<0.1			
170.04	171.50	1.46	1067250		Silicified Mafic Gneiss	<0.005	<0.1			
171.50	172.91	1.41	1067251		Silicified Mafic Gneiss	<0.005	<0.1			
172.91	174.39	1.48	1067252		Silicified Mafic Gneiss	<0.005	<0.1			
174.39	175.96	1.57	1067253		Silicified Mafic Gneiss	<0.005	<0.1			
175.96	177.50	1.54	1067254		Silicified Mafic Gneiss	<0.005	<0.1			
175.96	177.50	1.54	1067255	**Duplicate**	Silicified Mafic Gneiss	<0.005	<0.1			
177.50	178.96	1.46	1067256		Silicified Mafic Gneiss	<0.005	<0.1			
178.96	180.40	1.44	1067257		Silicified Mafic Gneiss	<0.005	<0.1			
180.40	182.00	1.60	1067258		Silicified Mafic Gneiss	<0.005	<0.1			
182.00	183.50	1.50	1067259		Silicified Mafic Gneiss	<0.005	<0.1			
183.50	185.06	1.56	1067260		Silicified Mafic Gneiss	0.005	<0.1			
185.06	EOH									

Charlotte Project
DDH-11-272
Drill Log Summary and Cover Sheet

Hole Id: **DDH-11-272**
Property: **Charlotte**
Area: **Flex Zone**
Client: **Ansell Capital Corp.**

Logged By: **L. Binnion**
Date Logged: **Aug 17-20 2011**

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	NAD83, Zone 8		
Easting:	386780.92 mE	Azimuth:	041 °
Northing:	6881639.89 mN	Dip:	-51 °
Elevation:	1284.08 m	Length:	194.21 m

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	386780 mE	Azimuth:	045 °
Northing:	6881643 mN	Dip:	-50 °
Elevation:	1290 m	Length:	125 m

Drilling Information:

Contractor:	DJ Drilling
Core Diameter:	HQ
Start Date:	Aug 8 2011
End Date:	Aug 10 2011
Casing In:	No
Casing Capped:	No
Units:	Metric

Hole Objective:
Sec 1677 testing open spaces and HG 243.

Hole Summary:
The top of the hole up until about 90m is dominated by mafic gneiss that is silicified to varying degrees. Below this, phyllic altered feldspar schist becomes the dominant rock type. For about 21me between 117.65-138.40m the core was drilled parallel to schistocity, more or less directly down a contact between feldspar schist and mafic gneiss. The core continues to be parallel to schistocity, until 146.62m. There are two important sulphide vein intervals in this hole. The first is two 25cm semi-massive sulphide veins containing arsenopyrite, pyrite, sphalerite, and galena located in a feldspar schist unit between 98.67-100.75m. The second is a one metre interval starting at 175.30m which is also a semi-massive vein containing the same sulphide minerals as the first. There is also a 5cm brecciated sulphide vein at 75.05m.

Lithology Summary

From	To	Lith	Comment
0.00	6.10	**CAS**	
6.10	10.20	**MGn**	silicified
10.20	15.55	**MGn**	
15.55	17.99	**MGn**	silicified
17.99	22.85	**MGn**	silicified
22.85	24.29	**MGn**	
24.29	26.16	**Gn**	silicified
26.16	28.31	**MGn**	
28.31	40.80	**MGn**	silicified
40.80	45.55	**MGn**	
45.55	56.69	**FZ**	
56.69	57.19	**FP-x**	
57.19	59.43	**FP**	
59.43	66.39	**MGn**	
66.39	70.12	**FZ**	
70.12	74.79	**MGn**	
74.79	76.80	**FP**	sulphide-rich
76.80	89.14	**MGn**	
89.14	98.67	**FSch**	
98.67	100.75	**FSch-x**	w/ semi-massive SV
100.75	101.50	**FSch**	
101.50	105.80	**FSch-x-z**	
105.80	107.24	**FP-x**	
107.24	109.20	**MGn**	
109.20	109.45	**FP-x**	
109.20	111.47	**FSch**	
111.47	117.65	**MGn-z**	
117.65	138.40	**FSch/MGn**	drilled parallel to rock fabric
138.40	146.62	**FSch**	
146.62	155.15	**FSch-x**	
155.15	157.36	**FSch-z**	
157.36	159.00	**FSch**	
159.00	160.48	**FSch-z**	
160.48	161.06	**FP**	
161.06	162.80	**FSch**	
162.80	165.40	**FP**	
165.40	170.50	**FSch-z**	
170.50	174.67	**FSch**	
174.67	175.30	**FP**	
175.30	176.31	**SV**	
176.31	176.61	**FP**	
176.61	184.45	**FSch**	
184.45	184.86	**MGn-z**	
184.86	194.21	**MGn**	
194.21		**EOH**	

Charlotte Project
DDH-11-272
Detailed Log

Hole Id: [DDH-11-272
Logged By: L. Binnion]

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization							Alteration												Foliation	Shearing		Fractures		Veins			Brecciation				Upper Contact		Lower Contact	
From	To	From	To	Code			Py%	Asp%	Gn%	Sph%	Cp%	FSx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	%Vn	Width	Type	Minerals	Clasts	%Clasts	Rounding	Matrix	%Matrix	Intensity	to CA	Description	to CA	Description
0.00	6.10			CAS		CASING																																									
6.10	10.20			MGn	Silicified Malic Gneiss	Fg, hard and siliceous malic gneiss with bands of dark green and light green. Gneissocity is 40 deg tca. The dark green bands are heavily chloritized and the felsic bands are altered by sericite. There are several crosscutting quartz stringers, some of which are pyrite-bearing. The unit also displays microfaults which show movements of about 1cm. At 9.2ft-9.53m there is an intrusion of a medium-grained quartz-rich rock containing biotite, a small amount of plagioclase, and trace disseminated pyrite. Limonite staining is present along fracture planes.	trace	0	0	0	0	0	stringers	Dark green/Light green	3	-	-	2	-	-	-	1	-	-	-	2	-	-	-	-	Pervasive	40	-	-	-	2	-	<1%	<1mm	stringers	quartz, pyrite	-	-	-	-	-	-	-	rubbly	-	rubbly
10.20	15.55			MGn	Malic Gneiss	Unit with lots of rubble. Fg dark green gneissic rock, medium hardness (not silicified). Rock is pervasively altered by limonite and sericite. Fracture surfaces display limonite alteration and manganese staining. There are a few pyrite bearing veins throughout the unit. Gneissocity is 30 deg tca. There is a 1.5cm quartz vein displaying manganese staining trending 70 deg tca at 16.10m.	trace	0	0	0	0	0	veinlets	Dark green, orange	-	-	-	2	-	-	-	2	-	-	-	3	-	-	-	-	Pervasive	30	-	-	-	3	70	<1%	1.5cm	vein	quartz	-	-	-	-	-	-	-	rubbly	-	rubbly
15.55	17.99			MGn	Silicified Malic Gneiss	As 6.10-10.20m except more rubbly and broken up.	trace	0	0	0	0	0	stringers	Dark green/Light green	3	-	-	2	-	-	-	1	-	-	-	2	-	-	-	-	Pervasive	35	-	-	-	3	-	<1%	<1mm	stringers	quartz, pyrite	-	-	-	-	-	-	-	broken	-	broken
17.99	22.85			MGn	Silicified Malic Gneiss	Fg, hard and siliceous medium-dark grey malic gneiss. The darker bands are rich in biotite. There are white sericite grains throughout and foliaform quartz veins that occasionally show light green envelopes similar in appearance to the light green bands in 6.10-10.20m.	0	0	0	0	0	0	-	Medium-dark grey	3	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive	35	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	broken	-	broken
		20.62	21.55	MGn-z	Faulted Malic Gneiss	Rubbly unit with medium-dark grey very soft biotite rich rock. 5% fault gouge. Limonite staining on some fracture surfaces.	0	0	0	0	0	0	-	Medium-dark grey	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21.55	22.85	MGn	Silicified Malic Gneiss	As main description except this section is quite rubbly and broken up.	0	0	0	0	0	0	-	Medium-dark grey	3	-	-	2	-	-	-	1	-	-	-	1	-	-	-	-	Pervasive	35	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	broken	-	broken
22.85	24.29			MGn	Malic Gneiss	Fg, soft, biotite-rich malic gneiss. Very rubbly section with limonite alteration on fracture surfaces. Some sub-centimetric cross-cutting and folded quartz veins are seen.	0	0	0	0	0	0	-	Medium-dark grey	-	-	-	2	-	-	-	2	-	-	-	2	-	-	-	-	Pervasive	40	-	-	-	3	-	2%	5mm	vein	quartz	-	-	-	-	-	-	-	broken	-	broken
24.29	26.16			Gn	Silicified Gneiss	Unit is extremely broken up and contains many quartz fragments with vugs and limonite alteration. Some pieces are extremely silicified but show remnant banding	0	0	0	0	0	0	-	Light grey	4	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	broken	-	broken
26.16	28.31			MGn	Malic Gneiss	Unit is extremely broken up. Fragments are medium grey and very soft. Section is biotite and sericite rich, with limonite alteration and manganese staining on the fracture surfaces.	0	0	0	0	0	0	-	Medium grey	-	-	-	3	-	-	-	2	-	-	-	1	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	-	broken
28.31	40.80			MGn	Silicified Malic Gneiss	Fg, medium grey hard (silicified), gneissic section. The unit contains a fair amount of rubble. There is pervasive sericitic alteration and limonite on fracture surfaces. There are some textures that may be pillow rinds.	0	0	0	0	0	0	-	Medium grey	3	-	-	3	-	-	-	1	-	-	-	1	-	-	-	-	Pervasive	30	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	broken	-	broken
		32.15	40.80	MGn	Silicified Malic Gneiss	As above except 75% of this unit is pervasively altered by orange limonite and sericite. The alteration conforms to the gneissic banding. Many limonite/vuggy stringers are present, mostly concordant with rock fabric but crosscutting as well. The sections that are left unaltered are silicified dark green malic gneisses. There are 1-2cm quartz veins that are fractured with a maroon coloured alteration along the fractures. Gneissocity is 30 deg tca. There is a narrow section of fault gouge at 39.45m and at 40.35m.	0	0	0	0	0	0	-	Orange-yellow, dark green	4	-	-	3	-	-	-	3	1?	-	-	1	-	-	-	-	Pervasive	30	-	-	-	3	30	3%	1-2cm	concordant	quartz	-	-	-	-	-	-	-	-	-	-
40.80	45.55			MGn	Malic Gneiss	Fg, soft, biotite-rich malic gneiss. Some stringers that roughly follow rock fabric contain pyrite. Unit displays pervasive limonite and sericite alteration which masks the protolith for the majority of the section. The unit contains several rubbly zones. There are some of the fractured quartz veins mentioned in 32.15-40.80m.	trace	0	0	0	0	0	stringers	Orange	-	-	-	3	-	-	-	3	-	-	-	1	-	-	-	-	Pervasive	25	-	-	-	2	25	1%	1-2cm	concordant	quartz	-	-	-	-	-	-	-	broken	-	broken
45.55	56.69			FZ	Fault zone	Brown gougey-clay unit with very poor recovery.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
		47.71	50.50	FZ	Fault zone	Light yellow coloured zone with 20% fault gouge. There are a couple competent rocks in the section, and these are quartz rich with a bleached, vuggy appearance. The main alteration in this section is a yellow clay. At 45.50m there is a 1cm pyrite vein trending 30 deg tca, then at 48.57m there is a 5cm intrusion of medium-grey material which contains blebs of pyrite and possible scorderite alteration (brighter yellow than the alteration in the rest of the section).	trace	trace?	0	0	0	0	blebs	Light yellow	-	1	-	-	-	-	-	-	-	-	-	-	3	-	Pervasive	-	-	-	-	-	30	<1%	1cm	-	pyrite	-	-	-	-	-	-	-	faulted and gougey	-	gougey
		50.50	53.96	FZ	Cly-z	Orange coloured zone where the core is completely covered in clay and tiny quartz grains embedded within.	0	0	0	0	0	0	-	Orange	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
		53.96	56.69	FZ	Cly-z	Brown coloured zone where the core is completely covered in clay. There are also section of fault gouge which appear to be chlorite-rich.	0	0	0	0	0	0	-	Brown-grey	-	-	-	-	-	-	-	3	-	-	-	2	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
56.69	57.19			FP-x	Feldspar porphyry breccia	This unit is both bleached and stained by limonite so it is difficult to determine what the rock is, but small feldspar grains are visible in a beige coloured matrix. This rock has been brecciated by a pyrite-bearing fluid which has resulted in about 5% pyrite-bearing matrix. Pyrite is also disseminated in the rock. Sericite grains are also found throughout.	3%	0	0	0	0	0	matrix	Beige, orange staining	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	3	-	-	-	-	-	FP?	95%	angular	pyrite	5%	weak-moderate	-	faulted and gougey	-	broken
57.19	59.43			FP	Malic Feldspar Porphyry	Malic rock (diorite or gabbroic?) containing feldspar phenocrysts (2-3mm diameter) which have altered to sericite/clay. The matrix of the rock is fg and very soft (chlorite-altered). There is a slight fabric to the rock (45 deg tca) but not quite a schistocity. Between 57.60m and 57.80m there is a fault zone which is dark grey coloured and apparently chlorite-rich. The majority of the section is rubbly.	0	0	0	0	0	0	-	Dark grey	-	-	-	1	-	-	-	-	-	-	-	1	-	Pervasive	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	-	broken
59.43	66.39			MGn	Malic Gneiss	Very dark grey rock, soft and fine-grained. Displays weak gneissocity trending 60dtca. Some yellow pyrite is found in stringers but there is also a tarnished disseminated pyrite that is hard to see because of the similarity to the rock colour. The rock also had calcite stringers. The whole unit is pervasively chlorite altered.	4%	0	0	0	0	0	disseminated, stringers	Very dark grey	-	-	-	-	2	-	-	-	-	-	-	3	-	-	-	-	Pervasive	60	-	-	-	-	-	1%	1mm	stringers	calcite	-	-	-	-	-	-	-	broken	-	faulted and gougey
		63.10	63.85	FD-x	Brecciated Felsic Dyke	Brecciated dyke that contains quartz and feldspar with disseminated pyrite. There is a fault right below the unit but the upper contact is rather sharp and trends 30 deg tca.	1%	0	0	0	0	0	disseminated	Cream	4	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	feldspar(P	90%	angular	quartz	10%	moderate	30	sharp	-	faulted and gougey
66.39	70.12			FZ	Fault zone	Broken up zone with 60% fault gouge. Mostly dark grey with some brown areas and some amount of calcite.	0	0	0	0	0	0	-	Dark grey, brown	-	-	-	1	-	-	-	1	-	-	-	3	-	1	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
70.12	74.79			MGn	Malic Gneiss	FP? that has been brecciated and faulted by a medium-grey pyrite-bearing fluid. There are several calcite veins in the unit. Zone contains 30% fault gouge and 2% pyrite.	2%	0	0	0	0	0	disseminated	Light blue-grey	3	-	-	-	1	2	-	-	-	-	-	-	-	2	-	-	Pervasive, veins	-	-	-	-	-	-	-	-	veins	calcite	FP?	55%	angular	medium-grey material	45%	moderate-intense	-	faulted and gougey	-	faulted and gougey
		68.55	69.95	FZ	Fault zone																																										
		73.76	74.79	MGn-z	Malic Gneiss	Very soft biotite and clay rich zone. Unit has a 'salt and pepper' appearance and is rubbly and broken up.	0	0	0	0	0	0	-	Medium grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
74.79	76.80			FP	Sulphide-rich feldspar porphyry,	Fg, soft, grey-cream coloured feldspar porphyry with 7% disseminated pyrite. Unit is pervasively altered by sericite and about half the unit is obscured by limonite staining. Some crosscutting veinlets of pyrite and chlorite crosscut the unit.	7%	0	0	0	0	0	disseminated, veinlets	Cream-grey	-	-	-	3	-	-	-	2	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	1%	1-3mm	stringers	pyrite, chlorite	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
		75.05	75.10	SV-x	Brecciated sulphide vein	5cm milky quartz vein containing angular clasts of sphalerite which in turn have grains of galena and pyrite inside them. See photo.	1%	0	1%	30%	0	0	clasts	Milky	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76.80	89.14			MGn	Malic Gneiss	As 70.12-74.79m but with a rubbly section between 77.23-78.00m and 84.60-86.90m. The limonite alteration here is slightly heavier. Minor epidote alteration in some bands, associated with a pink mineral (garnet?). The gneissocity is 35 deg tca at 81.00m, and 60 deg tca at 88.50m.	1%	0	0	0	0	0	disseminated	Dark grey	3	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	Pervasive, veins	35 @ 81.00m, 60@ 88.50m	-	-	-	-	50 and 70	-	-	1%	1-2mm	stringers	calcite	-	-	-	-	-	-	50	broken	70	broken
89.14	98.67			FSch	Feldspar schist	Section is broken up and rubbly. Fg with light grey colour. Limonite, quartz, and pyrite veinlets follow schistocity at 60 deg tca. Sericite and limonite alteration is pervasive. The hardness varies throughout the unit because it has been silicified but not uniformly. For the most part the core can be scratched with a steel knife. At 96.18m there is a stringer containing sphalerite, and the surrounding rock (10cm) contains disseminated pyrite.	1%	0	0	trace	0	0	stringers, disseminated	Light grey	1	-	-	3	-	-	-	2	-	-	-	-	-	-	-	-	Pervasive	65	-	-	-	3	65	2-3%	1mm	stringers	quartz, pyrite, limonite	-	-	-	-	-	-	-	faulted and gougey	-	broken
		91.60	95.40	FSch	Silicified Feldspar Schist	Broken up unit, as above but silicified. Bands alternate between light blue-grey and light green (due to sericite alteration).	0	0	0	0	0	0	-	Light grey	2 to 3	-	-	3	-	-	-	1	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		95.40	95.55	FZ	Fault zone	Zone rich in fault gouge that contains 2-3% disseminated pyrite.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
98.67	100.75			FSch-x	Feldspar Schist Breccia	Unit is as 91.60-95.40m except it is not broken up, and it is brecciated by white clay material. There is about 4% fine-grained disseminated pyrite.	4%	0	0	0	0	0	disseminated	Light grey, white	2	-	-	2	-	-	-	-	-	-	-	-	2	-	-	-	Pervasive, in matrix	-	-	-	-	-	-	-	-	-	-	FSch	80%	sub rounded	white clay	20%	moderate	-	broken	-	broken
		99.74	100.03	SV	Sulphide vein	Semi-massive sulphide vein containing 50% sulphides; arsenopyrite, 15% pyrite, 5% sphalerite. Scorderite alteration is seen on fracture surface. The contacts have been broken, the upper fracture is 60 deg tca and the lower is 50 deg tca.	15%	50%	?	5%	0	0	semi-massive	Dark grey	-	-	1	-	-	-	-	-	-	-	-	-	-	-	On fracture	-	-	-	-	60 and 50	-	-	-	-	-	-	-	-	-	-	-	60	broken	50	broken
		100.45	100.70	SV	Sulphide vein	As 99.74-100.03m.	15%	50%	?	5%	0	0	semi-massive	Dark grey	-	-	1	-	-	-	-	-	-	-	-	-	-	-	On fracture	-	-	-	-	60 and 65	-	-	-	-	-	-	-	-	-	-	-	60	broken	65	broken
100.75	101.50			FSch	Feldspar schist	As 89.14-98.67m, but section is competent. Schistocity is 45 deg tca.	1%	0	0	0	0	0	stringers	Light grey	2	-	-	3	-	-	-	1	-	-	-	-	-	-	-	-	Pervasive	45	-	-	-	1	-	1%	1mm	stringers	pyrite	-	-	-	-	-	-	-	broken	-	faulted and gougey
101.50	105.80			FSch-x-z	Faulted and brecciated feldspar schist	As 98.67-100.75m, with some sections where the core is completely covered in white clay. From 103.75-103.95m there is a section of core rich in galena and covered with a pyrite-rich clay. After 103.95m there is a section of medium-grey fault gouge with very poor recovery.	5%	0	5%	0	0	0	semi-massive	Light grey, cream	-	-	-	2	-	-	-	-	-	-	-	3	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	FSch	80%	sub rounded	white clay	20%	moderate	-	faulted and gougey	-	faulted and gougey
105.80	107.24			FP-x	Brecciated feldspar porphyry	Cream coloured fg, soft feldspar porphyry which has been brecciated by a medium-grey pyrite-bearing fluid. The unit has been pervasively altered by sericite. There is about 5% pyrite, contained in the matrix.	5%	0	0	0	0	0	matrix	Light grey, cream	-	-	-	2 to 3	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	FP	90%	angular	pyrite-bearing medium grey	10%	moderate	-	faulted and gougey	-	broken
107.24	109.20			MGn	Malic Gneiss	Fg, soft medium brown-green gneissic rock. The bands in this section have been folded and contorted, but gneissocity is approximately 40 deg tca. There has been pervasive chlorite and sericite alteration. Some 2-3mm quartz/pyrite/calcite veins trend parallel to rock fabric.	0	0	0	0	0	0	-	Medium grey	-	-	-	2	1	-	-	-	-	-	-	2	-	-	-	-	Pervasive, veinlets	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	45	sharp	-
		108.10	109.20	MGn	Malic Gneiss	As above except there is a pervasive red/purple alteration that reacts with HCl which may be hematite+calcite. At 109.15m there is a 2cm quartz/calcite vein with pyrite that cuts this section and the underlying brecciated feldspar porphyry at 160 deg tca.	trace	0	0	0	0	0	vein	Purple	-	-	-	1	2	-	-	-	-	2	-	-	1	-	-	-	-	Pervasive	40	-	-	-	-	160	1%	2cm	vein	calcite, quartz, pyrite	-	-	-	-	-	-	-	-	-	-
109.20	109.45			FP-x	Brecciated feldspar porphyry	Sericite-altered feldspar porphyry brecciated by quartz with pyrite, and a vfg, soft dark grey material that looks like chlorite but may have fg sulphides in it due to the high density of the rock. There is another wavy, light green, soft alteration mineral.	5%	0	0	0	0	0	in matrix	Light grey, medium grey	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive in clasts	-	-	-	-	-	-	-	-	-	-	FP	75%	angular	pyrite-bearing medium grey, quartz	25%	moderate	45	sharp	-	broken
109.20	111.47			FSch	Feldspar Schist	Fg, soft, cream coloured feldspar schist that displays pervasive sericite alteration. There is a fine-grained mafic mineral disseminated throughout (hematite?), and several pink phenocrysts (garnet?) The unit is crosscut by pyrite stringers. Towards the bottom of the unit the mafic content increases slightly likely because of an incorporation of the underlying unit. There are a couple quartz veins parallel to rock fabric at 40 deg tca.	trace	0	0	0	0	0	stringers	Cream	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive	40	-	-	-	-	40	1%	0.5cm	vein	quartz	-	-	-	-	-	-	-	broken	-	gougey
111.47	117.65			MGn-z	Faulted Malic Gneiss	A reconsolidated fault: core is clay-rich but still displays the original gneissic texture. There are some ~30cm intervals that are more competent with little to no clay content dispersed throughout. Gneissocity is 40 deg tca. Unit contains quartz and calcite stringers/veinlets mostly parallel to rock fabric. Pyrite stringers crosscut for the most part. There is also fg disseminated pyrite. Core displays pervasive chlorite and sericite alteration with some epidote.	1%	0	0	0	0	0	stringers, disseminated	Dark green	-	-	-	2	1	-	-	-	-	-	-	3	-	1	-	-	Pervasive, stringers	40	-	-	-	-	40	2%	1-10mm	concordant	quartz, calcite	-	-	-	-	-	-	-	faulted and gougey	60	sharp
117.65	138.40			FSch/M Gn	Feldspar Schist/ Malic Gneiss	This section is drilling down a contact between felsic schist and malic gneiss, therefore during the section the core transitions from being dominantly FSch to dominantly MGn and back again. The FSch is fg, cream coloured, silicified feldspar schist. Phyllic alteration: pervasive sericite and vfg disseminated pyrite. The malic gneiss is also fg and silicified but is a medium grey-green colour. There are quartz stringers +/- pyrite that both follow and crosscut schistocity. Occasionally these stringers display vuggy textures. For a while the section is also drilling down a 5mm grey quartz vein, and a 2mm pyrite vein. For most of the section the schistocity is 5 deg tca except for 117.99-118.54m where it is 50 deg tca.	trace	0	0	0	0	0	disseminated	Cream	2	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive	5	-	-	-	1	-	<1%	1mm	stringers	quartz, pyrite	-	-	-	-	-	-	60	sharp	-	-
		117.65	117.99	FSch	Feldspar Schist	Contains 5mm quartz and calcite veins which together make up 30% of the rock. Also contains green chlorite alteration along the schistocity.	trace	0	0	0	0	0	small blebs	Cream	2	-	-	2	2	-	-	-	-	-	-	2	-	-	-	-	Veins	50	-	-	-	2	50	30%	5mm	concordant	quartz, calcite	-	-	-	-	-	-	-	-	-	-
		118.50	119.03	QV-x	Quartz vein breccia	Grey quartz and milky quartz (or silicified feldspar) brecciated by feldspar schist. Clasts are large and the boundaries are slightly obscured (not sharp). The quartz zones are broken up by microfaults and occasionally contains small blebs of pyrite.	1%	0	0	0	0	0	disseminated	Cream	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	quartz	50%	subangular	feldspar schist	50%	moderate	-	contorted	80	sharp
		121.59	123.56	MGn	Malic Gneiss	This section is mostly malic gneiss with sometimes a sliver of felsic schist on the side of the core.	1%	0	0	0	0	0	disseminated	Medium green-grey	1	-	-	2	-	-	-	-	-	-	2	-	-	-	-	Pervasive	0-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		123.56	125.46	FSch	Feldspar Schist	This section is mostly felsic schist with sometimes a sliver of malic gneiss on the side of the core.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		127.26	128.12	FD	Felsic Dyke	Light cream, fg, quartz rich dyke with a sugary texture. 1% disseminated pyrite, and some sub-millimetric pyrite stringers. Upper contact is 10 deg tca and lower contact is 5 deg tca.	1%	0	0	0	0	0	disseminated, stringers	Light cream	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		132.27	136.27	FSch	Feldspar Schist	This section is mostly felsic schist with sometimes a sliver of malic gneiss on the side of the core.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		133.94	134.55	FZ	Fault zone	Narrow fault containing white clay (1cm thick) bisects core at 5 deg tca.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		136.27	138.40	MGn	Malic Gneiss	This section is mostly malic gneiss with sometimes a sliver of felsic schist on the side of the core	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
138.40	146.62			FSch	Feldspar Schist	This is the same unit as above except there is no long a malic gneiss component. Starting at 139.94m the core is being drilled down a narrow fault similar to in 133.94-134.55m. This fault has caused weak to moderate brecciation in the surrounding FSch. There are slickenlines in a dark grey chlorite-rich material. In a similar manner to the contact described in 117.65-138.40m, the fault deviates from the center of the core to the edges and sometimes does not appear at all for a few tens of cm.	1%	0	0	0	0	0	disseminated	Cream	2	-	-	3	-	-	-	-	-	-	-	-	2	Pervasive, in fault	5	-	-	-	-	-	-	-	-	-	FSch	90	angular	white clay	10%	weak-moderate	-	-	-	-
		142.20	146.62	FSch	Feldspar Schist	Here the core is being drilled down a vein of medium-dark grey aphanitic material which is sulphide rich and sometimes contains small fragments of the host rock. The beginning 30cm of this subunit is rubbly with some fault gouge. There is some patchy chlorite alteration in this interval as well.	5%	0	0	0	0	0	in vein	Cream	2	-	-	3	-	-	-	-	-	-	-	1	-	2	Pervasive, in fault	0	-	-	-	-	0	5%	2-5mm	-	medium grey, sulphide rich	-	-	-	-	-	-	-	-	-	-
146.62	155.15			FSch-x	Feldspar Schist	The first 30cm of this unit is broken up and gougey, and then after the unit continues the same as above fg, silicified, cream coloured with pervasive sericite alteration and fg disseminated pyrite, except the schistocity is now 20 deg tca. In many areas the core has been brecciated by quartz and/or white clay.	1 to 2%	0	0	0	0	0	disseminated, stringers	Cream	2	-	-	3	-	-	-	-	-	-	-	1	-	-	1	Pervasive, stringers	20	-	-	-	2	-	2%	2-3mm	veinlets	pyrite bearing	FSch	90%	angular	quartz/white clay	10%	weak-moderate	-	faulted and gougey	-	gougey
		150.92	151.22	FZ	Fault zone	White coloured zone rich in fault gouge-white clay.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
155.15	157.36			FSch-z	Faulted Feldspar Schist	Consolidated fault. Many sections within this unit are >75% fault gouge, but some have preserved their original fabric, although it is a little distorted. There is a small amount of a grey sulphide (galena?) in some of the pyrite-bearing stringers.	1%	0	trace?	0	0	0	disseminated	Light grey, cream	1	-	-	2	-	-	-	-	-	-	-	-	3	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	gougey	-	gougey
157.36	159.00			FSch	Feldspar Schist	Fg, silicified, light brown-cream colour. Contains lots of little stringers of pyrite and pervasive sericite alteration. The last cm of this section is a small fault with dark grey fault gouge that looks sulphide-rich.	1%	0	0	0	0	0	disseminated, stringers	Light brown-cream	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive	50	-	-	-	-	-	1%	<1mm	stringers	pyrite	-	-	-	-	-	-	-	gougey	-	rubbly
		157.80	158.18	MGn	Malic Gneiss	Small section of bleached malic gneiss with calcite stringers. Upper contact is indistinct but lower contact trends 25 deg tca.	0	0	0	0	0	0	-	Greenish-cream	3	-	-	2	1	-	-	-	-	-	-	1	-	-	-	-	Pervasive, stringers	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
159.00	160.48			FSch-z	Brecciated Feldspar schist	As 157.36-159.00m except brecciated with white clay matrix.	1%	0	0	0	0	0	disseminated, stringers	Cream	2	-	-	2	-	-	-	-	-	-	-	-	-	2	Pervasive, matrix	-	-	-	-	-	-	-	-	-	-	FSch	90%	angular	white clay	10%	weak-moderate	-	rubbly	-	broken
160.48	161.06			FP	Feldspar porphyry	Matrix dominated light grey unit with altered feldspar phenocrysts. Unit contains many pyrite stringers.	1%	0	0	0	0	0	stringers	Light grey	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	Phenocrysts	-	-	-	-	-	-	1%	1mm	stringers	pyrite	-	-	-	-	-	-	-	broken	25	sharp
161.06	162.80			FSch	Feldspar Schist	Fg, silicified, light brown-cream colour. Contains lots of little stringers of pyrite and pervasive sericite alteration. Foliation is 5 deg tca. The last half of this section is very broken up.	1%	0	0	0	0	0	stringers	Cream	2-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive	5	-	-	-	-	-	1%	1mm	stringers	pyrite	-	-	-	-	-	-	25	sharp	-	broken
162.80	165.40			FP	Feldspar Porphyry	As 160.48-161.06m. There is also 1% disseminated pyrite.	2%	0	0	0	0	0	disseminated, stringers	Light brown	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	2%	1-2mm	stringers	pyrite	-	-	-	-	-	-	-	broken	-	gougey
165.40	170.50			FSch-z	Faulted Feldspar Schist	This unit contains a lot of white-clay fault gouge and rubble broken up by these faults. It also contains some more competent sections of feldspar schist with 30-40% quartz veins that are folded, distorted, and offset by microfaults (along with the host rock). But even in the more competent sections the fractures are coated with sericite and white clay. In at least one instance there is an intrusion of the aphanitic medium-dark grey sulphide-rich material (at 166.90m). There is trace pyrite in the gougey sections.	trace	0	0	0	0	0	disseminated	Cream, light grey	2	-	-	2	-	-	-	-	-	-	-	-	4	Pervasive	-	-	-	-	-	-	30-40%	1-8mm	veins	quartz	-	-	-	-	-	-	-	gougey	-	rubbly
		165.40	166.77	FSch	Feldspar Schist	More competent section, as described above.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170.50	174.67			FSch	Feldspar Schist	As 161.06-162.80m, phyllic alteration. There is 5% quartz veins below 5mm thick. Dark grey pyrite stringers both follow rock fabric and cross-cut. Schistocity is 25 deg tca. At 171.58m there is a 3mm vein containing galena and trace sphalerite.	1%	0	trace	trace	0	0	disseminated, stringers	Cream	2	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	rubbly	-	broken
		172.60	172.90	FSch-z	Faulted Feldspar Schist	Contains 40% white fault gouge.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
174.67	175.30			FP	Feldspar Porphyry	As 160.48-161.06m.	0	0	0	0	0	0	-	Light brown	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-

Charlotte Project
DDH-11-272
Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field
32	9.76	18.9	41.4	-51.6	57789
42	12.80	17.5	40.0	-51.7	57535
52	15.85	17.5	40.0	-51.7	57549
62	18.90	17.1	39.6	-51.8	57436
72	21.95	19.1	41.6	-52.0	57263
82	25.00	16.9	39.4	-52.0	57237
92	28.05	20.7	43.2	-52.3	57264
102	31.10	20.4	42.9	-52.4	57193
112	34.15	17.8	40.3	-52.3	57303
122	37.20	16.9	39.4	-52.3	57184
132	40.24	19.0	41.5	-52.3	57298
142	43.29	17.0	39.5	-52.4	57261
152	46.34	19.0	41.5	-52.9	57295
162	49.39	16.5	39.0	-52.8	57195
172	52.44	19.0	41.5	-52.9	57030
182	55.49	19.2	41.7	-52.9	57046
192	58.54	16.7	39.2	-52.8	57148
202	61.59	20.1	42.6	-53.1	57155
212	64.63	20.1	42.6	-53.1	57170
222	67.68	19.9	42.4	-53.3	57237
232	70.73	17.9	40.4	-53.1	56898
242	73.78	16.7	39.2	-53.1	57155
252	76.83	18.5	41.0	-53.4	57464
262	79.88	17.4	39.9	-53.1	56919
272	82.93	18.6	41.1	-53.3	56809
282	85.98	18.8	41.3	-53.5	57173
292	89.02	18.9	41.4	-53.3	57321
302	92.07	19.6	42.1	-53.5	57278
312	95.12	19.1	41.6	-53.6	57305
322	98.17	19.3	41.8	-53.8	57203
332	101.22	17.8	40.3	-53.7	57176
342	104.27	17.1	39.6	-53.6	57301
352	107.32	17.1	39.6	-53.7	57290
362	110.37	19.5	42.0	-53.9	57054
372	113.41	17.9	40.4	-53.8	57283
382	116.46	19.6	42.1	-54.0	57157
392	119.51	16.2	38.7	-53.8	57135
402	122.56	16.5	39.0	-53.9	57225
412	125.61	18.1	40.6	-54.0	57313
422	128.66	18.9	41.4	-54.2	57239
432	131.71	20.3	42.8	-54.3	57207
442	134.76	17.6	40.1	-54.0	57083
452	137.80	16.1	38.6	-53.9	57137
462	140.85	15.7	38.2	-53.8	57192
472	143.90	18.8	41.3	-53.9	57296
482	146.95	16.5	39.0	-53.8	57174
492	150.00	16.6	39.1	-53.8	57192
502	153.05	18.6	41.1	-53.8	57341
512	156.10	19.0	41.5	-53.9	57228
522	159.15	18.8	41.3	-53.9	57226
532	162.20	16.2	38.7	-53.7	57286
542	165.24	16.3	38.8	-53.8	57328
552	168.29	19.1	41.6	-53.8	57354
562	171.34	19.2	41.7	-53.8	57346
572	174.39	16.4	38.9	-53.7	57283
582	177.44	19.5	42.0	-53.7	57349
592	180.49	18.0	40.5	-53.7	57317
602	183.54	18.1	40.6	-54.0	56912
612	186.59	18.7	41.2	-54.0	57140
622	189.63	17.9	40.4	-53.8	57115

Charlotte Project
DDH-11-272
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
6.10	7.60	1.50	1067261		Silicified Mafic Gneiss	<0.005	<0.1			
7.60	9.00	1.40	1067262		Silicified Mafic Gneiss	0.021	<0.1			
9.00	10.20	1.20	1067263		Silicified Mafic Gneiss	0.007	<0.1			
10.20	11.28	1.08	1067264		Mafic Gneiss	0.049	0.2			
11.28	11.28		1067265	**STD: PM 436**		0.374	0.2			
11.28	13.00	1.72	1067266		Mafic Gneiss	0.019	<0.1			
13.00	14.45	1.45	1067267		Mafic Gneiss	0.012	0.1			
14.45	15.55	1.10	1067268		Mafic Gneiss	0.016	0.2			
15.55	17.07	1.52	1067269		Silicified Mafic Gneiss	0.012	0.1			
17.07	17.99	0.92	1067270		Silicified Mafic Gneiss	<0.005	0.1			
17.99	19.50	1.51	1067271		Silicified Mafic Gneiss	<0.005	<0.1			
19.50	20.62	1.12	1067272		Silicified Mafic Gneiss	<0.005	<0.1			
20.62	21.55	0.93	1067273		Faulted Mafic Gneiss	<0.005	<0.1			
21.55	22.85	1.30	1067274		Silicified Mafic Gneiss	<0.005	<0.1			
22.85	22.85		1067275	**Blank**		0.009	<0.1			
22.85	24.29	1.44	1067276		Mafic Gneiss	<0.005	<0.1			
24.29	26.16	1.87	1067277		Silicified Gneiss	<0.005	<0.1			
26.16	27.17	1.01	1067278		Mafic Gneiss	<0.005	<0.1			
27.17	28.31	1.14	1067279		Mafic Gneiss	<0.005	<0.1			
28.31	29.80	1.49	1067280		Silicified Mafic Gneiss	<0.005	<0.1			
29.80	31.00	1.20	1067281		Silicified Mafic Gneiss	<0.005	<0.1			
31.00	32.15	1.15	1067282		Silicified Mafic Gneiss	<0.005	<0.1			
32.15	33.11	0.96	1067283		Silicifed Mafic Gneiss	<0.005	<0.1			
33.11	35.67	2.56	1067284		Silicifed Mafic Gneiss	<0.005	<0.1			
35.67	35.67		1067285	**STD: PM 436**		0.396	0.2			
35.67	37.05	1.38	1067286		Silicifed Mafic Gneiss	0.005	<0.1			
37.05	38.72	1.67	1067287		Silicifed Mafic Gneiss	0.008	<0.1			
38.72	39.67	0.95	1067288		Silicifed Mafic Gneiss	<0.005	<0.1			
39.67	40.80	1.13	1067289		Silicifed Mafic Gneiss	<0.005	<0.1			
40.80	42.23	1.43	1067290		Mafic Gneiss	<0.005	<0.1			
42.23	43.73	1.50	1067291		Mafic Gneiss	<0.005	<0.1			
43.73	45.55	1.82	1067292		Mafic Gneiss	<0.005	<0.1			
45.55	47.71	2.16	1067293		Fault Zone	0.221	0.9			
47.71	50.50	2.79	1067294		Fault Zone	0.819	7.4			
47.71	50.50	2.79	1067295	**Duplicate**	Fault Zone	1.197	6.1			
50.50	53.96	3.46	1067296		Clay-Rich Fault Zone	0.120	0.9			
53.96	56.69	2.73	1067297		Clay-Rich Fault Zone	0.024	0.4			
56.69	57.19	0.50	1067298		Feldspar Porphyry Breccia	0.011	0.4			
57.19	58.03	0.84	1067299		Mafic Feldspar Porphyry	<0.005	<0.1			
58.03	59.43	1.40	1067300		Mafic Feldspar Porphyry	<0.005	<0.1			
59.43	60.67	1.24	1067301		Mafic Gneiss	0.006	0.2			
60.67	62.20	1.53	1067302		Mafic Gneiss	0.011	0.3			
62.20	63.10	0.90	1067303		Mafic Gneiss	<0.005	0.2			
63.10	63.70	0.60	1067304		Brecciated Felsic Dyke	<0.005	0.3			
63.70	63.70		1067305	**STD: PM 925**		>10.000	>100.0	11.2		163
63.70	65.00	1.30	1067306		Mafic Gneiss	0.017	0.2			
65.00	66.39	1.39	1067307		Mafic Gneiss	0.008	<0.1			
66.39	68.29	1.90	1067308		Fault Zone	0.010	0.3			
68.29	70.12	1.83	1067309		Fault Zone	0.040	1.6			
70.12	71.00	0.88	1067310		Mafic Gneiss	<0.005	0.1			
71.00	73.02	2.02	1067311		Mafic Gneiss	<0.005	<0.1			
73.02	73.76	0.74	1067312		Mafic Gneiss	<0.005	0.1			
73.76	74.79	1.03	1067313		Mafic Gneiss	<0.005	0.2			
74.79	75.40	0.61	1067314		Sulphide-Rich Feld Porphyry	0.221	18.6			
75.40	75.40		1067315	**Blank**		<0.005	<0.1			
75.40	76.80	1.40	1067316		Sulphide-Rich Feld Porphyry	0.028	5.3			
76.80	78.35	1.55	1067317		Mafic Gneiss	<0.005	0.1			
78.35	79.85	1.50	1067318		Mafic Gneiss	<0.005	<0.1			
79.85	81.40	1.55	1067319		Mafic Gneiss	<0.005	<0.1			
81.40	82.32	0.92	1067320		Mafic Gneiss	<0.005	<0.1			
82.32	84.30	1.98	1067321		Mafic Gneiss	0.015	<0.1			
84.30	85.67	1.37	1067322		Mafic Gneiss	0.015	<0.1			
85.67	87.20	1.53	1067323		Mafic Gneiss	<0.005	<0.1			
87.20	89.14	1.94	1067324		Mafic Gneiss	<0.005	<0.1			
89.14	89.14		1067325	**STD: PM 436**		0.391	0.2			

Charlotte Project
DDH-11-272
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
89.14	90.75	1.61	1067326		Feldspar Schist	0.948	0.8			
90.75	91.60	0.85	1067327		Feldspar Schist	0.058	1.5			
91.60	93.60	2.00	1067328		Silicified Feldspar Schist	0.054	1.4			
93.60	95.40	1.80	1067329		Silicified Feldspar Schist	0.140	1.9			
95.40	96.65	1.25	1067330		Feldspar Schist	0.230	4.9			
96.65	98.67	2.02	1067331		Feldspar Schist	0.297	1.3			
98.67	99.70	1.03	1067332		Feldspar Schist Breccia	0.113	5.0			
99.70	100.75	1.05	1067333		Sulphide Vein	>10.000	>100.0	53.5		1846
99.70	100.75	1.05	1067334	**Duplicate**	Sulphide Vein	>10.000	>100.0	51.6		1884
100.75	100.75		1067335	**Blank**		0.085	5.5			
100.75	100.75		1067336	**Blank**		<0.005	<0.1			
100.70	101.50	0.80	1067337		Feldspar Schist	0.155	33.8			
101.50	103.40	1.90	1067338		Faulted/Bx Feldspar Schist	0.309	10.5			
103.40	105.80	2.40	1067339		Faulted/Bx Feldspar Schist	>10.000	>100.0	21.0		284
105.80	105.80		1067340	**Blank**		<0.005	0.2			
105.80	107.24	1.44	1067341		Brecciated Feldspar Porphyry	0.053	0.8			
107.24	108.10	0.86	1067342		Mafic Gneiss	0.019	0.5			
108.10	109.20	1.10	1067343		Mafic Gneiss	<0.005	<0.1			
109.20	110.30	1.10	1067344		Feldspar Schist	<0.005	0.1			
110.30	110.30		1067345	**STD: PM 925**		>10.000	>100.0	11.9		172
110.30	111.47	1.17	1067346		Feldspar Schist	0.007	<0.1			
111.47	113.00	1.53	1067347		Faulted Mafic Gneiss	0.006	0.1			
113.00	114.55	1.55	1067348		Faulted Mafic Gneiss	<0.005	<0.1			
114.55	116.10	1.55	1067349		Faulted Mafic Gneiss	0.005	<0.1			
116.10	117.65	1.55	1067350		Faulted Mafic Gneiss	0.005	<0.1			
117.65	118.50	0.85	1067351		Feldspar Schist	0.006	<0.1			
118.50	120.00	1.50	1067352		Feldspar Schist	0.013	<0.1			
120.00	121.59	1.59	1067353		Feldspar Schist	<0.005	<0.1			
121.59	123.00	1.41	1067354		Mafic Gneiss	<0.005	<0.1			
121.59	123.00	1.41	1067355	**Duplicate**	Mafic Gneiss	<0.005	<0.1			
123.00	124.50	1.50	1067356		Felsic Schist	<0.005	<0.1			
124.50	126.00	1.50	1067357		Feldspar Schist/Mafic Gneiss	<0.005	<0.1			
126.00	127.26	1.26	1067358		Feldspar Schist/Mafic Gneiss	<0.005	<0.1			
127.26	128.12	0.86	1067359		Felsic Dyke	<0.005	<0.1			
128.12	129.57	1.45	1067360		Feldspar Schist/Mafic Gneiss	<0.005	<0.1			
129.57	131.00	1.43	1067361		Feldspar Schist/Mafic Gneiss	<0.005	<0.1			
131.00	132.27	1.27	1067362		Feldspar Schist/Mafic Gneiss	<0.005	<0.1			
132.27	133.94	1.67	1067363		Felsic Schist	<0.005	<0.1			
133.94	135.00	1.06	1067364		Felsic Schist	0.007	0.1			
135.00	135.00		1067365	**STD: PM 436**		0.412	0.2			
135.00	136.27	1.27	1067366		Felsic Schist	<0.005	<0.1			
136.27	137.35	1.08	1067367		Mafic Gneiss	<0.005	<0.1			
137.35	138.40	1.05	1067368		Mafic Gneiss	<0.005	<0.1			
138.40	139.94	1.54	1067369		Felsic Schist	<0.005	<0.1			
139.94	141.44	1.50	1067370		Felsic Schist	<0.005	<0.1			
141.44	142.20	0.76	1067371		Felsic Schist	0.017	<0.1			
142.20	143.70	1.50	1067372		Felsic Schist	0.033	0.5			
143.70	145.07	1.37	1067373		Felsic Schist	0.024	0.4			
145.07	146.70	1.63	1067374		Felsic Schist	0.026	0.3			
146.70	146.70		1067375	**Blank**		0.028	<0.1			
146.70	148.00	1.30	1067376		Felsic Schist	<0.005	0.1			
148.00	149.50	1.50	1067377		Feldspar Schist	<0.005	0.1			
149.50	150.92	1.42	1067378		Feldspar Schist	<0.005	0.3			
150.92	152.00	1.08	1067379		Feldspar Schist	<0.005	0.3			
152.00	153.51	1.51	1067380		Feldspar Schist	0.015	0.6			
153.51	155.15	1.64	1067381		Feldspar Schist	0.035	0.8			
155.15	156.30	1.15	1067382		Faulted Feldspar Schist	0.110	1.0			
156.30	157.50	1.20	1067383		Faulted Feldspar Schist	0.049	2.6			
157.50	159.00	1.50	1067384		Feldspar Schist	0.025	0.8			
159.00	159.00		1067385	**STD: PM 925**		>10.000	>100.0	11.8		173
159.00	160.48	1.48	1067386		Brecciated Feldspar Schist	0.005	0.3			
160.48	161.06	0.58	1067387		Feldspar Porphyry	<0.005	0.3			
161.06	162.80	1.74	1067388		Feldspar Schist	<0.005	<0.1			
162.80	164.30	1.50	1067389		Feldspar Porphyry	<0.005	0.1			
164.30	165.40	1.10	1067390		Feldspar Porphyry	0.021	2.3			

Charlotte Project
DDH-11-272
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
165.40	166.77	1.37	1067391		Feldspar Schist	<0.005	3.4			
166.77	168.25	1.48	1067392		Faulted Feldspar Schist	0.034	1.8			
168.25	170.50	2.25	1067393		Faulted Feldspar Schist	0.032	1.0			
170.50	171.45	0.95	1067394		Feldspar Schist	<0.005	0.2			
170.50	171.45	0.95	1067395	**Duplicate**	Feldspar Schist	0.007	0.3			
171.45	172.70	1.25	1067396		Feldspar Schist	<0.005	1.8			
172.70	173.60	0.90	1067397		Feldspar Schist	0.007	0.5			
173.60	174.67	1.07	1067398		Feldspar Schist	0.007	0.2			
174.67	175.30	0.63	1067399		Feldspar Porphyry	0.007	0.4			
175.30	176.31	1.01	1067400		Sulphide Vein	2.433	5.8			
176.31	176.31		1067401	**Blank**		<0.005	<0.1			
176.31	176.31	0.00	1067402	**Blank**		<0.005	<0.1			
176.31	177.61	1.30	1067403		Feldspar Schist	0.381	0.7			
177.61	178.50	0.89	1067404		Feldspar Schist	0.047	0.5			
178.50	178.50		1067405	**STD: PM 436**		0.370	0.2			
178.50	179.91	1.41	1067406		Feldspar Schist	0.008	0.7			
179.91	180.66	0.75	1067407		Faulted Mafic Dyke	<0.005	<0.1			
180.66	182.13	1.47	1067408		Feldspar Schist	<0.005	<0.1			
182.13	183.25	1.12	1067409		Feldspar Schist	<0.005	<0.1			
183.25	184.45	1.20	1067410		Feldspar Schist	<0.005	0.1			
184.45	185.46	1.01	1067411		Silicifed Mafic Gneiss	<0.005	<0.1			
185.46	186.94	1.48	1067412		Silicifed Mafic Gneiss	<0.005	0.2			
186.94	188.53	1.59	1067413		Silicifed Mafic Gneiss	<0.005	0.1			
188.53	190.00	1.47	1067414		Silicifed Mafic Gneiss	<0.005	<0.1			
190.00	190.00		1067415	**Blank**		<0.005	<0.1			
190.00	191.50	1.50	1067416		Silicifed Mafic Gneiss	<0.005	<0.1			
191.50	193.00	1.50	1067417		Silicifed Mafic Gneiss	<0.005	<0.1			
193.00	194.21	1.21	1067418		Silicifed Mafic Gneiss	<0.005	<0.1			
194.21	EOH									

Charlotte Project
DDH-11-273
Drill Log Summary and Cover Sheet

Hole Id: **DDH-11-273**
Property: **Charlotte**
Area: **Flex**
Client: **Ansell Capital Corp.**

Logged By: **N.Struyk**
Date Logged: **August 18-24, 2011**

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	NAD83, Zone 8		
Easting:	386844.98 mE	Azimuth:	073 ⁰
Northing:	6881513.84 mN	Dip:	-50 ⁰
Elevation:	1268.24 m	Length:	194.21 m

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	386845 mE	Azimuth:	045 ⁰
Northing:	6881513 mN	Dip:	-50 ⁰
Elevation:		Length:	150 m

Drilling Information:

Contractor:	DJ Drilling
Core Diameter:	HQ
Start Date:	12-Aug-2011
End Date:	15-Aug-2011
Casing In:	No
Casing Capped:	No
Units:	Metric

Hole Objective:
Testing southern extension of the Flex deposit.

Hole Summary:
This hole intersected a repetitive interval of mafic and felsic gneisses with relict pillow basalt textures. The upper part of the hole is very faulted and broken with moderate to poor recovery. The lower part of the hole has an increase in clear to translucent quartz veins with molybdenum selvages that have a strong to moderate porphyry appearance. The felsic and mafic gneisses appear to be just alteration differences, but the transition from one another is fairly abrupt. Small dykes of feldspar porphyry, quartz poor and granodiorite crosscut the unit starting below 98m. The sulphides are concentrated in veins and breccias with faulted boundaries up to 2m wide. There appears to be a repetitive nature to the sequence suggesting that it could be the same vein, just faulted normally (or reverse?). The sulphide breccias consist of both black and red sphalerite, with galena, arsenopyrite, and chalcopyrite. The lower 100m has thin <1cm quartz veins with variable amounts of a black unidentifiable sulphide.

Lithology Summary

From	To	Lith	Comment
0.00	18.29	CAS	
18.29	27.44	FGn	
35.67	38.72	FZ	
38.72	54.80	MGn	
54.80	56.95	FGn	
56.95	62.38	Gn	
62.38	67.37	MGn-Z	
67.37	70.73	MGn	
70.73	72.35	Gn-Z	
72.35	76.65	Gn	
76.65	77.00	Vn	
77.00	84.30	MGn	
84.30	85.80	FP	
85.80	87.76	MGn	
87.76	89.90	MGn-z	
89.90	91.31	MGN-x	
91.31	91.60	Vn	
91.60	92.40	MGn-z	
92.40	94.96	FGn	
94.96	95.70	Dk	
95.70	97.23	Gn	
97.23	98.85	MGn-z	
98.85	99.70	GnP-z	
99.70	103.15	FGn	
103.15	104.75	Gd	
104.75	105.70	Sch	
105.70	107.80	Gn	
107.80	108.69	P	
108.69	113.00	Gn	
113.00	114.45	SBx	
114.45	118.05	MGn	
118.05	119.36	MGn-x	
119.36	120.00	FP	
120.00	124.10	FGn	
124.10	133.51	FGn-Sx	
133.51	134.53	FGn-Sx-z	
134.53	138.81	FGn-x	
138.81	141.82	FGn	
141.82	143.63	Sx	
143.63	148.30	FGn	
148.30	150.32	FGn-x	
150.32	157.79	FGn	
157.79	159.81	FPD	
159.81	161.59	FGn-x	
161.59	174.51	Lat	
174.51	175.74	FGn	
175.74	181.40	FGn-z	
181.40	183.48	FGn-x	
183.48	194.82	FGn	
194.82		EOH	

Charlotte Project
DDH-11-273
Detailed Log

Hole Id: DDH-11-273
Logged By: IN Strzyzk

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization							Alteration											Foliation	Shearing		Fractures		Veins			Brecciation					Upper Contact		Lower Contact	
From	To	From	To	Code			Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	% Clasts	Rounding	Matrix	% Matrix	Intensity	to CA	Description	to CA	Description
0.00	18.29			CAS	CASING	Casing was run to 18.29m, then extended to 96 feet (29.27m) due to poor ground.																																							
18.29	35.67			FGn	Felsic Gneiss	Very broken and altered felsic gneiss. Strongly hematitic and limonitic throughout with intervals of 50% gouge. Weak sericite alteration. Quartz lenses parallel to foliation at 45-60 deg tca. Pale orange to white colouration. Quartz bands are white and are up to 0.5cm wide. Grey quartz veins with vug are up to 2mm and have no visible sulphides. Mn staining along fracture surfaces. No visible sulphides. Minor muscovite along fracture surfaces.	0	0	0	0	0	0	0	Pale orange to yellow	3	2	2	3	0	0	0	2	2	0	0	1	0	0	0	0	Pervasive	45-60	-	-	-	-	30-65	1	1-2mm	-	qtz	-	-	-	-	-	-	-	broken	-	broken
		23.00	23.48			Fault gouge consisting of 70% of unit, with 30% broken and ground up core.																																							
		27.44	32.62			No recovery.																																							
		32.62	35.67			Mostly ground up rock and pebbles. Strongly silicified felsic gneiss.																																							
35.67	38.72			FZ	fault zone	Significant core loss and poor recovery. 10cm over 3m. Unable to identify lithology.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38.72	54.80			MGn	Mafic Gneiss	Mafic Amphibole Gneiss. Strongly foliated at 60-70 deg tca with mafic bands up to 2cm and felsic band 1-10mm. 5-8% finely disseminated pyrite throughout, locally some pyrite is found in thin lenses. The felsic bands are almost entirely quartz or limonitic quartz with variable siliceous envelopes. Limonite staining appears to be concentrated in the mafic intervals. Chlorite alteration is moderately pervasive in the mafic intervals, minor sericite. Hairline fractures coated with pyrite and limonite crosscut unit at irregular angles. Weak brecciated textures.	5	0	0	0	0	0	disseminated	Dark green grey	3	0	0	2	0	0	0	3	0	0	0	3	0	0	0	0	Pervasive	65	-	-	60-70	3	irregular	<1	hairline	-	pyrite+/limonite	-	-	-	-	-	-	-	broken	-	broken
		43.76	45.02	FZ	fault zone	Very broken and ground up rock. Strongly limonized. 10% gouge. No preferential orientation to breakage or fault.																																							
		46.90	47.87	FZ	fault zone	Very broken core, 10% gouge, no preferential orientation to breakage.																																							
		48.54	48.70	FZ	fault zone	Very broken and ground up rock. Strongly limonized. 50% gouge. No preferential orientation to breakage or fault.																																							
		49.43	50.85			Increase in silica flooding.								grey	5	0	0	2	0	0	0	2	0	0	0	3	0	0	0	0	pervasive	65																		
54.80	56.95			FGn	Felsic Gneiss	Felsic Gneiss, strongly limonized with relict gneissic fabric at 65 deg tca. Moderately broken and almost pervasively limonized making it hard to discern host rock and alteration. Relict quartz rich intervals with 1mm vugs and minor yellow-green sericite. 1-2% finely disseminated pyrite. Mn-oxide staining along fractures in dendritic pattern.	2	0	0	0	0	0	disseminated	Orange	2	0	1	2	0	0	0	4	0	0	0	0	0	0	0	0	Pervasive	65	-	-	irregular	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	-	sharp
		56.01	56.45			Increase in broken and fractured rock with minor gouge.																																							
56.95	62.38			Gn	MGn-FGn	Interfingered mafic and felsic gneisses. Strongly limonized as above but with increased mafic bands. Unit is soft due to weathering and limonite. Vugs with well developed quartz and pyrite crystals observed at 58.10m.	2	0	0	0	0	0	disseminated	orange-brown	1	0	0	2	0	0	0	4	0	0	0	2	0	0	0	0	Pervasive	65-75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	sharp	70	faulted
		58.20	60.06	FZ		Fault zone with very broken and gougey rock. 40% gouge from 59.5-60.06m.																																							
		60.06	60.70			Mafic gneiss. Foliation at 70 deg tca.																																							
		60.70	61.60			Transition from upper mafic gneiss to lower felsic gneiss. Increase in quartz bands and veins, occasional vugs. Mafic bands are more grey than green or black. Still moderately limonitic. Minor contortion and deformation.																																							
		61.60	62.38			Medium sea green chlorite alteration overprinting the FGn. Moderately siliceous. Trace py.																																							
62.38	67.37			MGn-Z	Faulted Mafic gneiss	Extremely broken and gougey rock. 30-40% gouge and limonitic clay. No visible sulphides. Trace relict gneissic textures in the rare larger clast. Minor deformation, brecciation and contortion.	1	0	0	0	0	0	disseminated	orange-brown	1	2	0	0	0	0	0	5	1	0	0	1	0	0	0	0	Pervasive, fracture controlled	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	sharp	-	broken/faulted
67.37	70.73			MGn	Mafic Gneiss	Well foliation Mafic Gneiss. As 37.70-54.65m, except with rare white brown bull quartz vein. Hairline limonitic veinlets crosscut unit. Mafic bands contain chlorite and sericite. This unit has significantly less limonite than other intervals seen so far.	2	0	0	0	0	0	disseminated	green-grey-brown	2	0	2	2	0	0	0	4	0	0	0	3	0	0	0	0	pervasive																			
		69.21	70.73			Increase in felsic components, decrease in mafics. Occasional black sulphide (chalcocite?) grain.	4	0	0	tr	tr	tr	disseminated																																			
70.73	72.35			Gn-Z	faulted Gneiss	Extremely faulted, broken and gougey interval. The relict limonitic gneiss has been broken into little pucks. Minor scorr/sericite alteration.	3	0	0	0	0	0	disseminated	orangey brown	2	0	2	2	0	0	0	2	0	0	0	2	0	0	0	0	pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted	-	faulted
72.35	76.65			Gn	Interfingered FGn and MGn	Altered Felsic and Mafic Gneiss, extremely limonitic, broken with minor gouge throughout. Increase in moderately mineralised vuggy quartz veins. Foliation at 60-70 deg tca. Overall smaller intervals of broken and ground up core.	2	0	0	0	0	0	disseminated	orange-brown grey	2	0	0	2	0	0	0	4	2	0	0	3	0	0	0	0	Pervasive, fracture controlled	60-70	-	-	-	-	irregular	5	<5cm	metamorp hic	qtz + pyrite	-	-	-	-	-	-	-	faulted	70	sharp
		72.92	74.00			Increase in moderately translucent quartz veins, up to 5cm wide, very contorted and deformed.																																							
		74.30	74.85			Increase in broken and fractured rock with minor gouge.																																							
		74.85	75.30			Almost completely limonized.																																							
		75.30	76.15			Felsic and quartz flooded.																																							
		76.15	76.65			Mafic Gneiss. Lower 10cm is entirely ground up core. Foliation at 70 deg tca.																																							
76.65	77.00			Vn	Quartz sulphide vein	Quartz sulphide vein, very contorted, brecciated and deformed. Black fine grained sulphides.	1	0	0	tr	tr	tr	disseminated, vein hosted	grey-brown	3	0	0	2	0	0	0	3	0	0	0	0	0	0	0	0	pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	sharp	-	serrated
77.00	84.30			MGn	Mafic Gneiss with minor incalated of FGn	As 72.35-76.65m but with increase in quartz veining, clearer relict pillows.	5	0	0	0	0	0	disseminated, fracture controlled	brown-green	0	0	0	2	0	0	0	3	0	0	0	3	0	0	0	0	Pervasive, fracture controlled	70	-	-	-	-	70	2	1cm	metamorp hic	qtz	-	-	-	-	-	-	-	serrated	-	broken
		79.88	81.40			Fault, gouge, very broken.																																							
		81.40	82.38			Felsic/Bleached gneiss. Lower contact is faulted over 15cm at 60 deg tca.																																							
84.30	85.80			FP	Feldspar Porphyry	Medium grained feldspar porphyry. 3-5% blebby pyrite throughout, minor pyrite stringers. Both contacts are contorted and brecciated for 15cm. Only the centre 35cm is not strongly limonized - it contained only fracture hosted limonite staining. Very siliceous. 1-2% 2-3mm white quartz veins with pyrite and dark/black sulphides. Medium grey-brown in colour.	3	0	0	0	0	0	disseminated	grey-brown	5	0	0	1	0	0	0	3	0	3	0	0	0	0	0	0	pervasive, fracture controlled	-	-	-	-	-	30-70	1	2-3mm	metamorp hic	qtz+pyrite	-	-	-	-	-	-	-	contorted and deformed over 15cm	-	contorted and deformed over 15cm
85.80	87.76			MGn	Mafic Gneiss	Well foliated mafic gneiss. Foliation at 50 deg tca. Unit is hard, has 3-4% quartz veining with grey to white and yellow (Fe stained) quartz with minor sulphides present. Veins are contorted. minor brecciated. 5-6% disseminated and blebby pyrite that follows foliation.	5	0	0	0	0	0	disseminated, blebby	Dark green grey	5	0	0	2	0	0	0	2	0	0	0	3	0	0	0	0	pervasive,	50	-	-	-	-	60-70	3	M1cm	metamorp hic	qtz+/sulphid es+/-fm	-	-	-	-	-	-	-	contorted and deformed over 15cm	-	faulted over 30cm
		86.56	87.76	MGn-x	Brecciated Mafic Gneiss	Gradual increase in brecciated and contortion approaching the lower fault. 5% gouge and broken core, but consolidated and still displays original textures.																																							
87.76	89.90			MGn-z	Faulted Mafic Gneiss	As above except extremely faulted and ground up. Almost 100% recovery but unit is 80% consolidated fault gouge.	5	0	0	0	0	0	disseminated, blebby	Orange-green	2	0	0	2	0	0	0	3	0	0	0	3	0	0	0	2	pervasive, fracture controlled	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted over 30cm	20	Sharp
89.90	91.31			MGN-x	Brecciated Mafic Gneiss	Strongly limonized brecciated Mafic Gneiss.																																						
91.31	91.60			Vn	Brecciated quartz Vein	Green grey brecciated and contorted quartz veins with pyrite and black sulphides.	3	0	0	tr	0	0	disseminated	green-grey	4	0	2	2	0	0	0	1	0	0	0	3	0	0	0	0	fracture controlled	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	Sharp	-	faulted
91.60	92.40			MGn-z	Faulted Mafic Gneiss	Faulted and ground up mafic gneiss. Not many pieces that are identifiable. Poor recovery.	2	0	0	0	0	0	disseminated	brown-green	1	0	0	0	0	0	0	5	0	0	0	3	0	0	0	0	Pervasive, fracture controlled	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted	-	faulted
92.40	94.96			FGn	Altered Felsic Gneiss	Altered limonitic Felsic Gneiss. This unit has a porphyritic texture locally - like a porphyry or coarse grained sandstone. Unit is very limonitic with more argillic alteration lower down. Lenses of pyrite (3-4%) are at 20 deg tca, overall 5-6% pyrite. No other visible sulphides. Unit is soft. Foliation, when seen, at 60 deg tca.	5	0	0	0	0	0	Lenses	orangey-tan	2	2	0	0	0	0	0	4	0	0	0	0	0	0	0	2	Pervasive, fracture controlled	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted	-	faulted
94.96	95.70			Dk	Gneissic Dyke	Gneissic chlorite-quartz intrusive. Original rock is unidentifiable due to pervasive alteration overprint. Moderately foliated at 60 deg tca.	1	0	0	0	0	0	Disseminated	green-grey	5	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	pervasive	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted	70	sharp
95.70	97.23			Gn	Gneiss	Well foliated dark to medium grey sericite-quartz gneiss. Foliation at 60 deg tca. Locally minor offsets of sediments (?) or foliation of 0.5cm. Minor hairline fractures of limonite crosscut at irregular angles.	2	0	0	0	0	0	Disseminated	green-grey	4	0	0	3	0	0	0	1	0	0	0	3	0	0	0	0	pervasive	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	sharp	-	faulted
		96.58	97.23			Increase in broken and fractured core. Increase in limonite alteration, concentrated along fracture surfaces. Quartz rich zones have increase in vugs.																																							
97.23	98.85			MGn-z	faulted Mafic Gneiss	Faulted Mafic Gneiss. Pieces are so small and the unit is so strongly limonized that it is impossible to get an orientation.	2	0	0	0	0	0	disseminated, lenses along foliation	orange-green-brown	2	1	0	2	0	0	0	4	0	0	0	2	0	0	0	0	pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted	-	faulted
98.85	99.70			GnP-z	Gneissic Porphyry	Gneissic limonized porphyry. Quartz bands up to 1cm are moderately to strongly broken, contorted and fractured. Fault is continued from above. Upper 8cm consists almost entirely of gouge. 1-2mm of pyrite lenses parallel to apparent foliation at 60 deg tca.	3	0	0	0	0	0	disseminated, lenses along foliation	orangey-brown	2	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	pervasive	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted	-	broken
99.70	103.15			FGn	Felsic Gneiss	Altered strongly foliated felsic sericite-quartz gneiss. Moderately limonized, concentrated along fracture surfaces. Unit is patchily grey and brown. Moderately silicified. Blands are dark to white grey coloured stained with the limonite. Rare contorted quartz veins with hydrothermal biotite envelopes can be seen. foliation at 65 deg tca. Irregular and plygmatic pyrite+silica envelope veins crosscut unit at irregular angles. Pyrite is finely disseminated, locally concentrated along foliation planes, 1-2%.	1.5	0	0	0	0	0	disseminated, lenses along foliation	grey-brown	3	0	0	3	0	0	0	2	0	0	0	2	0	0	0	0	Pervasive, fracture controlled	65	-	-	-	-	irregular	1	1cm	quartz,	qtz+py	-	-	-	-	-	-	-	broken	70	sharp
		101.60	102.00			Muscovite Gneiss.																																						
		102.00	102.58			Extremely contorted and deformed interval due to presence of large (10cm) brecciated quartz vein.																																							
		103.05	103.15			Mafic dyke.																																						
103.15	104.75			Gd	Altered granodiorite Dyke	Propylitic altered granodiorite porphyry. Strongly QSP altered with more sericite and other white clay (kaolonite?) present with fractures coated with pyrite. 1mm quartz envelopes. Hairline limonitic fractures.	6	0	0	0	0	0	disseminated, fracture controlled	white	4	3	1	3	0	0	0	1	0	2	0	0	0	0	4	pervasive	-	-	-	-	-	40-50	3	1mm	hydrother mal	pyrite centres, silica envelopes	-	-	-	-	-	-	-	sharp	55	sharp
104.75	105.70			Sch	Quartz hornblende Schist	As above except stronger silica flooding obliterating textures. Appearance of hornblende and chlorite seen as well, minor muscovite. Individual phenocrysts are no longer visible. No pyrite stringers and veins.	5	0	0	0	0	0	disseminated	grey-green	5	0	0	3	0	0	0	2	0	0	0	0	0	0	0	0	pervasive,	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	sharp	50	sharp
105.70	107.80			Gn	Altered Gneiss	An eclectic interval of moderately altered and foliated gneisses with various protoliths and alteration facies. Kspar+biotite, chlorite, sericite, argillic and silica flooding throughout. 3-4% py. Foliation at 60 deg tca. Reddish blebs occasionally seen. Limonite altered fracture surfaces.	3	0	0	0	0	0	disseminated	green-grey-yellow	4	3	0	3	0	0	0	2	0	3	0	2	0	0	0	3	Pervasive, fracture controlled	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	sharp	55	sharp
107.80	108.69			P	Altered Porphyry	Potassic and silica flooded porphyry. Unidentifiable host rock. 5-6% disseminated pyrite throughout. Weakly foliated at 60 deg tca.	5	0	0	0	0	0	disseminated, blebby	grey-green	5	2	0	3	0	0	0	1	0	3	0	0	0	0	1	pervasive	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	sharp	-	broken
108.69	113.00			Gn	Altered Gneisses	Mafic Gneiss grading into more felsic gneisses. Overall, moderately contorted and deformed. Minor offset. Very siliceous, limonite along fracture surfaces. 2-3% disseminated pyrite.	2	0	0	0	0	0	disseminated, blebby	grey	5	1	0	3	0	0	0	1	0	0	0	3	0	0	0	0	pervasive	60	-	-	-	-	irregular	2	1-2cm	hydrother mal	pyrite, qtz	-	-	-	-	-	-	-	broken	60	sharp
		111.25	111.35			Feldspar porphyry dyke, upper contact at 50 deg tca, lower contact at 65 deg tca.																																						
113.00	114.45			SBx	Sulphide Breccia	Sulphide Breccia. Heterolithic breccia, clasts <1cm, angular with pyrite, arseno and sphalerite throughout.	10	1	tr	2	0	0	massive	black to grey	5	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	qtz	40	A-R	silica, sulphides	60	5	60	sharp	-	faulted
		113.34	114.45			Very broken quartz and sulphide breccia. Strongly limonized.																																						
114.45	118.05			MGn	Mafic Gneiss	Strongly foliated dark grey to medium grey mafic gneiss. Moderately contorted and deformed. Sericitic intervals. Limonite staining throughout, but concentrated along fractures. Lenses of pyrite are seen, <1mm wide by 4-5mm long, crosscut unit at 20 and 40 deg tca. 10-12% pyrite. Moderately to strongly silicified. Foliation at 50 deg tca.	12	0	0	0	0	0	disseminated, lenses, parallel to foliation	grey	4	0	0	3	0	0	0	2	0	0	0	1	0	0	0	0	pervasive, fracture controlled	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted	-	faulted
		114.45	114.75			Fault with 10% gouge and broken rock and limonite.																																						
118.05	119.36			MGn-x	Faulted Mafic gneiss	As above except faulted with poor recovery. 10% gouge.	12	0	0	0	0	0	disseminated, lenses, parallel to foliation	Grey-brown	4	0	0	2	0	0	0	1	0	0	0	0	0	0	0	2	pervasive, fracture controlled	-	-	-	-	-													faulted	-	faulted
119.36	120.00			FP	Gneissic feldspar porphyry	Very siliceous feldspar porphyry. Very broken, moderately limonitized along fractures. White to cream. 15% gouge. Disseminated pyrite. Hard to get foliation measurement due to poor recovery and small core pieces.	2	0	0	0	0	0	disseminated	white-cream	4	3	0	2	0	0	0	0	0	2	0	0	0	0	2	pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted	-	faulted
120.00	124.10			FGn	Altered Felsic Gneiss	Sericite+quartz Gneiss. Strongly foliated. Medium to dark grey, strongly siliceous. Moderately broken and fractures. Fractures coated with limonite crosscut unit at irregular angles. Occasionally white-grey quartz vein parallel to foliation at 50 deg tca with yellow sericite and pyrite selvages.	5	0	0	0	0	0	disseminated, lenses, parallel to foliation	blue-grey	5	2	0	3	0	0	0	2	0	0	0	0	0	0	0	2	pervasive	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted	-	serrated
		122.87	123.37			Increase in sericite alteration, brecciation.																																						
		123.50	123.75			Increase in vugs.																																						
124.10	133.51			FGn-Sx	Brecciated Sulphide Felsic Gneiss	Brecciated Sulphide Felsic Gneiss. Brecciated, deformed and contorted Felsic gneiss with intervals up to 30cm of sulphide breccia, and faulting. Sulphide breccia intervals consist of quartz clasts with pyrite+sp+arsen matrix. Moderately boudinaged as well the gneissic intervals contain moderately wavy hairline veinlets with sphalerite and pyrite. Crackly breccia textures visible locally healed with white quartz, pyrite or sulphide (py+sph+/-ga) veins. Limonitic fractures crosscut unit at irregular angles.	10	tr	0.2	0.5	tr	0	disseminated, fracture controlled, blebby	dark grey-blue	5	0	1	3	0	0	0	2	0	0	0	0	0	0	0	2	pervasive, fracture controlled	60	-	-	-	-	irregular	2	hairline to 2mm	epithermal	qtz/py+qtz/py+sph+/-ga	-	-	-	-	-	2	-	serrated	60	faulted and sharp
		124.10	125.16			Increase in sericite alteration, brecciation.																																						
		125.16	125.37			Fuchsite?																																						
		125.37	125.61			100% gouge and ground up rock, grey-yellow colour.																																						
		129.28	129.68			White fractured pyritic quartz vein. Pyrite veinlets crosscut qtz at irregular angles. 1-2% vugs. Pale orangey yellow quartz crosscuts, weakly sericitic.																																						
		129.68	130.84			Very broken rock. Poor recovery. Weakly gougey and argillic clay.																																						
		131.71	133.51			Fault breccia, unit has a consolidated gouge appearance with the gneissic clasts <1cm.																																						
133.51	134.53			FGn-Sx-z	Faulted Sulphide Felsic gneiss	Faulted brecciated sulphide felsic gneiss. Medium grey, 90% moderately consolidated fault gouge with moderate relict breccia textures.	5	tr	tr	0.1	tr	0	disseminated	grey	2	3	0	3	0	0	0	0	0	0	0	0	0	0	0	4	pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	faulted and sharp	75	faulted and sharp
134.53	138.81			FGn-x	Sulphide Felsic Gneiss	Moderately to strongly brecciated felsic gneiss. The breccia grades and out of matrix to clast supported, clasts range from 0.5cm to 6cm and are angular to rounded. Clasts are mostly felsic gneiss but also sulphides. Disseminated and blebby pyrite throughout 4-6%. Trace sph, ga, and ars in sulphide rich stringers. Minor limonitic staining along wuggy fractures. Milky white quartz is locally infilling fractures. Extremely siliceous.	5	tr	tr	tr	-	-	blebby	grey-cream	5	1	2	2	0	0	0	2	0	0	0	0	0	0	0	1	pervasive, fracture controlled	-	-	-	-	-	-	-	-	-	-	FGn	30-80	A-R	quartz, sulphides	20-70	5	75	faulted and sharp	35	sharp
138.81	141.82			FGn	Felsic Gneiss	Weakly brecciated felsic gneiss. Grey to cream coloured. Foliation 30-60 deg tca. Lower contact is at 60 deg tca in the opposite direction aka 120 deg tca. Weak limonitic wuggy fractures. Rare translucent quartz vein with Moly selvages. Strongly silicified. Black sulphides in veins parallel to foliation. Short intervals of tectonic breccias.	5	0	0	tr	0	0	disseminated, fracture controlled	cream-white	5	0	0	3	0	0	0	2	0	0	0	0	0	0	0	2	pervasive, fracture controlled	30-60	-	-	-	-	50	1	1cm	epithermal	qtz+py+mo	qtz+Fgn	80	A	quartz	20	3	35	sharp	120	sharp
141.82	143.63			Sx	Sulphide Breccia	Sulphide vein breccia. Massive py+sph+ga+mo+cpy. FGn clasts, strongly silicified, no preferential orientation.	10	1	1	3	1	0	massive, fracture controlled	black to grey	5	0	2	2	0	0	0	2	0	0	0	0	0	0	0	0	pervasive, fracture controlled	-	-	-	-	-	-	-	-	-	-	FGn, Sulphides - qtz	60	A	quartz, sulphides	40	5	120	sharp	65	sharp
143.63	148.30			FGn	Felsic Gneiss	Weakly brecciated felsic gneiss. Grey to cream coloured. Foliation 30-60 deg tca. Increase in limonitic staining along fractures. Blebby pyrite throughout. 1-2cm silica breccia with qtz+/felds clasts.	6	0	0	0	0	0	pervasive	pale green-grey	4	2	2	3	0	0	0	3	0	0	0	0	0	0	0	0	pervasive, fracture controlled	35-60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	sharp	-	gradual over 10cm
148.30	150.32			FGn-x	Brecciated Felsic Gneiss	Brecciated Felsic limonized Gneiss. Strong qtz-ser-pyrite alteration and mineralisation. 1cm veins with Mo selvages and pyrite lenses. Moderately contorted and deformed.	6	0	tr	tr	0	0	disseminated, selvages	orangey-grey	4	0	2	3	0	0	0	3	0	0	0	0	0	0	0	0	pervasive, fracture controlled	-	-	-	-	-	irregular	1	1cm	hydrother mal	qtz+py+mo	FGn	80	a-r	lim, qtz, sulp	20	4	-	gradual over 10cm	-	gradual over 10cm
150.32	157.79			FGn	Felsic Gneiss	As above except with less limonite alteration and less brecciation. Moderate propyllitic and sericite alteration. Relic pillow basalt can be seen throughout with the banding of the gneisses are relict textures rather than 100% metamorphic in nature. Blebby and disseminated pyrite 10%, moderately silicified. Moderately contorted and deformed with minor breccia offsets. Black sulphides (argentite? stibnite?) seen along veins and rimming pyrite. Locally clear-translucent quartz clasts with corroded boundaries.	10	0.5	tr	tr	tr	0	disseminated, blebby	creamy-grey	4	3	2	3	0	0	0	2	0	0	0	0	0	0	0	3	pervasive	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	gradual over 10cm	30	Sharp
		152.87	154.42			Bright minty green (sericite?/Fuchsite? Smectite?) clay alteration.																																						
157.79	159.81			FPD	Feldspar Porphyry Dyke	Fine to medium grained feldspar porphyry with 1-2mm phenos. 70% phenos, phenos are sericite altered, matrix is siliceous. Weakly gneissic. Minor chlorite rimming around some thin pyrite stringers. Overall 3-5% pyrite. Rare dark grey qtz vein with pyrite and black sulph at 50 deg tca.	5	0	0	0	0	0	diss. Stringers	medium grey	4	3	0	3	0	0	0	2	0	0	0	2	0	0	0	0	pervasive, fracture controlled	-	-	-	-	-	50	<1	2mm	ep

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Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field	Comments
52	15.85	209.1	231.6	-50.0	48617	erroneous removed from interpretation
62	18.90	10.4	32.9	-50.1	60398	erroneous removed from interpretation
72	21.95	306.2	328.7	-49.9	41162	erroneous removed from interpretation
82	25.00	68.3	90.8	-49.4	59762	erroneous removed from interpretation
92	28.05	279.1	301.6	-49.0	47037	erroneous removed from interpretation
102	31.10	355.1	377.6	-48.8	48997	erroneous removed from interpretation
112	34.15	250.0	272.5	-48.5	42307	erroneous removed from interpretation
122	37.20	58.5	81.0	-48.6	54253	erroneous removed from interpretation
132	40.24	53.5	76.0	-48.3	57035	
142	43.29	50.2	72.7	-49.7	57193	
152	46.34	50.1	72.6	-48.8	57073	
162	49.39	51.3	73.8	-48.9	57161	
172	52.44	52.3	74.8	-49.2	57286	
182	55.49	50.1	72.6	-49.0	57135	
192	58.54	49.6	72.1	-48.8	57105	
202	61.59	51.5	74.0	-49.0	57254	
212	64.63	51.0	73.5	-49.0	57128	
222	67.68	52.1	74.6	-49.2	57267	
232	70.73	50.1	72.6	-49.1	57201	
242	73.78	50.3	72.8	-49.0	57119	
252	76.83	51.9	74.4	-49.3	57297	
262	79.88	50.5	73.0	-49.1	57222	
272	82.93	51.1	73.6	-49.1	57272	
282	85.98	52.3	74.8	-49.2	57279	
292	89.02	51.4	73.9	-49.1	57281	
302	92.07	49.6	72.1	-48.8	57103	
312	95.12	52.2	74.7	-48.9	57239	
322	98.17	50.6	73.1	-49.0	57084	
332	101.22	51.4	73.9	-49.2	57243	
342	104.27	51.4	73.9	-49.4	57262	
352	107.32	49.5	72.0	-49.1	57114	
362	110.37	49.6	72.1	-49.1	57063	
372	113.41	49.7	72.2	-49.1	57067	
382	116.46	50.6	73.1	-49.2	57078	
392	119.51	52.3	74.8	-49.4	57264	
402	122.56	52.4	74.9	-49.4	57241	
412	125.61	52.4	74.9	-49.2	57194	
422	128.66	52.6	75.1	-49.4	57227	
432	131.71	52.6	75.1	-49.3	57205	
442	134.76	51.6	74.1	-49.1	57133	
452	137.80	51.8	74.3	-49.2	57215	
462	140.85	52.3	74.8	-49.3	57237	
472	143.90	53.1	75.6	-49.4	57249	
482	146.95	51.3	73.8	-49.1	57069	
492	150.00	51.5	74.0	-49.2	57122	
502	153.05	51.9	74.4	-49.1	57039	
512	156.10	51.5	74.0	-49.2	57140	
522	159.15	52.5	75.0	-49.3	57141	
532	162.20	52.8	75.3	-49.3	57211	
542	165.24	51.7	74.2	-49.2	57020	
552	168.29	53.8	76.3	-49.3	57227	
562	171.34	52.4	74.9	-49.2	57131	
572	174.39	54.3	76.8	-49.0	57230	

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Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field	Comments
582	177.44	52.4	74.9	-49.3	57188	
592	180.49	54.1	76.6	-49.1	57213	
602	183.54	51.9	74.4	-48.9	57037	
612	186.59	54.4	76.9	-49.2	57235	
622	189.63	54.5	77.0	-49.2	57243	

Charlotte Project
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Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
18.29	20.00	1.71	1066784		Felsic Gneiss	0.028	2.3			
20.00	20.00		1066785	**STD: PM 436**		0.399	0.2			
20.00	23.48	3.48	1066786	poor recovery	Felsic Gneiss	0.031	1.8			
23.48	27.44	3.96	1066787		Felsic Gneiss	0.006	0.7			
27.44	35.67	8.23	1066788		Felsic Gneiss	0.007	0.3			
35.67	38.72	3.05	1066789		Fault Zone	0.019	1.2			
38.72	40.00	1.28	1066790		Mafic Gneiss	<0.005	0.2			
40.00	41.77	1.77	1066791		Mafic Gneiss	<0.005	0.1			
41.77	43.76	1.99	1066792		Mafic Gneiss	<0.005	0.2			
43.76	45.02	1.26	1066793		Mafic Gneiss	0.070	1.0			
45.02	46.90	1.88	1066794		Mafic Gneiss	<0.005	0.1			
46.90	46.90		1066795	**Blank**		<0.005	<0.1			
46.90	48.00	1.10	1066796		Mafic Gneiss	<0.005	<0.1			
48.00	49.43	1.43	1066797		Mafic Gneiss	<0.005	0.2			
49.43	50.85	1.42	1066798		Mafic Gneiss	0.005	0.1			
50.85	52.35	1.50	1066799		Mafic Gneiss	<0.005	0.1			
52.35	54.80	2.45	1066800		Mafic Gneiss	<0.005	<0.1			
54.80	56.95	2.15	1066801		Felsic Gneiss	0.110	0.9			
56.95	58.20	1.25	1066802		MGn-FGn	0.029	0.2			
58.20	60.06	1.86	1066803		MGn-FGn	<0.005	0.2			
60.06	61.60	1.54	1066804		MGn-FGn	<0.005	<0.1			
61.60	61.60		1066805	**STD: PM 436**		0.357	0.2			
61.60	62.38	0.78	1066806		MGn-FGn	0.021	0.2			
62.38	64.78	2.40	1066807		Faulted Mafic Gneiss	0.076	0.5			
64.78	66.28	1.50	1066808		Faulted Mafic Gneiss	<0.005	0.2			
66.28	67.37	1.09	1066809		Faulted Mafic Gneiss	0.017	0.4			
67.37	68.20	0.83	1066810		Mafic Gneiss	<0.005	0.2			
68.20	69.21	1.01	1066811		Mafic Gneiss	<0.005	0.1			
69.21	70.73	1.52	1066812		Mafic Gneiss	<0.005	0.3			
70.73	72.35	1.62	1066813		faulted Gneiss	0.022	0.4			
72.35	74.00	1.65	1066814		Interfingered FGn & MGn	0.043	0.7			
72.35	74.00	1.65	1066815	**Duplicate**	Interfingered FGn & MGn	0.107	0.9			
74.00	74.85	0.85	1066816		Interfingered FGn & MGn	0.010	1.2			
74.85	75.30	0.45	1066817		Interfingered FGn & MGn	0.022	5.1			
75.30	76.55	1.25	1066818		Interfingered FGn & MGn	0.298	1.6			
76.55	77.10	0.55	1066819		Quartz Sulphide Vein	0.301	3.4			
77.10	78.40	1.30	1066820		Mafic Gneiss w/ Minor FGn	0.049	0.7			
78.40	79.88	1.48	1066821		Mafic Gneiss w/ Minor FGn	0.009	0.6			
79.88	81.40	1.52	1066822		Mafic Gneiss w/ Minor FGn	<0.005	0.4			
81.40	82.38	0.98	1066823		Mafic Gneiss w/ Minor FGn	<0.005	0.3			
82.38	83.40	1.02	1066824		Mafic Gneiss w/ Minor FGn	<0.005	0.2			
83.40	83.40		1066825	**STD: PM 925**		>10.000	>100.0	11.8		170
83.40	84.30	0.90	1066826		Mafic Gneiss w/ Minor FGn	0.018	0.5			
84.30	85.80	1.50	1066827		Feldspar Porphyry	0.024	0.9			
85.80	86.56	0.76	1066828		Mafic Gneiss	0.023	0.8			
86.56	87.76	1.20	1066829		Mafic Gneiss	0.118	1.0			
87.76	89.00	1.24	1066830		Faulted Mafic Gneiss	0.030	0.7			
89.00	89.90	0.90	1066831		Faulted Mafic Gneiss	<0.005	0.5			
89.90	91.31	1.41	1066832		Brecciated Mafic Gneiss	<0.005	0.5			
91.31	91.60	0.29	1066833		Brecciated Quartz Vein	<0.005	1.3			
91.60	92.40	0.80	1066834		Faulted Mafic Gneiss	<0.005	0.2			
92.40	92.40		1066835	**Blank**		<0.005	<0.1			
92.40	93.50	1.10	1066836		Altered Felsic Gneiss	<0.005	0.4			
93.50	94.96	1.46	1066837		Altered Felsic Gneiss	<0.005	1.3			
94.96	95.70	0.74	1066838		Gneissic Dyke	<0.005	<0.1			
95.70	96.58	0.88	1066839		Gneiss	0.005	0.2			
96.58	97.23	0.65	1066840		Gneiss	<0.005	0.3			
97.23	98.75	1.52	1066841		Faulted Mafic Gneiss	<0.005	0.5			
98.75	99.70	0.95	1066842		Gneissic Porphyry	0.006	1.6			
99.70	101.00	1.30	1066843		Felsic Gneiss	<0.005	0.5			
101.00	101.70	0.70	1066844		Felsic Gneiss	<0.005	0.2			
101.70	101.70		1066845	**STD: PM 925**		>10.000	>100.0	11.5		155
101.70	102.55	0.85	1066846		Felsic Gneiss	0.034	0.3			
102.55	103.15	0.60	1066847		Felsic Gneiss	0.029	0.2			
103.15	104.75	1.60	1066848		Altered Granodiorite Dyke	<0.005	0.3			

Charlotte Project
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Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
104.75	105.70	0.95	1066849		Quartz Hornblende Schist	<0.005	0.1			
105.70	106.70	1.00	1066850		Altered Gneiss	<0.005	0.1			
106.70	107.81	1.11	1066851		Altered Gneiss	<0.005	0.3			
107.81	108.69	0.88	1066852		Altered Porphyry	<0.005	0.3			
108.69	110.00	1.31	1066853		Altered Gneisses	0.006	0.2			
110.00	111.50	1.50	1066854		Altered Gneisses	<0.005	0.4			
110.00	111.50	1.50	1066855	**Duplicate**	Altered Gneisses	<0.005	0.4			
111.50	113.00	1.50	1066856		Altered Gneisses	0.009	0.3			
113.00	113.40	0.40	1066857		Sulphide Breccia	0.275	3.4			
113.40	114.45	1.05	1066858		Sulphide Breccia	0.025	0.8			
114.45	116.00	1.55	1066859		Mafic Gneiss	0.017	3.7			
116.00	118.05	2.05	1066860		Mafic Gneiss	0.007	1.3			
118.05	119.36	1.31	1066861		Faulted Mafic Gneiss	<0.005	3.1			
119.36	120.00	0.64	1066862		Gneissic Feldspar Porphyry	<0.005	0.7			
120.00	121.04	1.04	1066863		Altered Felsic Gneiss	<0.005	0.7			
121.04	122.00	0.96	1066864		Altered Felsic Gneiss	<0.005	0.1			
122.00	122.00		1066865	**STD: PM 925**		>10.000	>100.0	11.8		180
122.00	122.87	0.87	1066866		Altered Felsic Gneiss	0.008	0.2			
122.87	123.37	0.50	1066867		Altered Felsic Gneiss	0.451	1.7			
123.37	124.10	0.73	1066868		Altered Felsic Gneiss	0.247	1.6			
124.10	125.37	1.27	1066869		Bx Sulphide Felsic Gneiss	0.854	2.3			
125.37	126.50	1.13	1066870		Bx Sulphide Felsic Gneiss	0.066	1.2			
126.50	127.30	0.80	1066871		Bx Sulphide Felsic Gneiss	0.772	3.9			
127.30	128.30	1.00	1066872		Bx Sulphide Felsic Gneiss	0.200	4.9			
128.30	129.25	0.95	1066873		Bx Sulphide Felsic Gneiss	0.095	4.6			
129.25	129.70	0.45	1066874		Bx Sulphide Felsic Gneiss	0.016	1.3			
129.70	129.70		1066875	**Blank**		<0.005	<0.1			
129.70	130.95	1.25	1066876		Bx Sulphide Felsic Gneiss	<0.005	0.6			
130.95	131.71	0.76	1066877		Bx Sulphide Felsic Gneiss	0.010	0.9			
131.71	132.88	1.17	1066878		Bx Sulphide Felsic Gneiss	0.016	1.8			
132.88	133.51	0.63	1066879		Bx Sulphide Felsic Gneiss	0.376	3.8			
133.51	134.55	1.04	1066880		Faulted Sulph Felsic Gneiss	0.210	3.4			
134.55	134.55		1066881	**Blank**		<0.005	<0.1			
134.55	135.50	0.97	1066882		Sulphide Felsic Gneiss	0.066	16.1			
135.50	136.50	1.00	1066883		Sulphide Felsic Gneiss	0.782	10.0			
136.50	137.50	1.00	1066884		Sulphide Felsic Gneiss	0.029	3.8			
137.50	137.50		1066885	**STD: PM 436**		0.410	0.2			
137.50	138.81	1.31	1066886		Sulphide Felsic Gneiss	0.207	2.4			
138.81	139.80	0.99	1066887		Felsic Gneiss	0.030	1.6			
139.80	140.80	1.00	1066888		Felsic Gneiss	0.058	1.6			
140.80	141.80	1.00	1066889		Felsic Gneiss	0.052	1.0			
141.80	142.70	0.90	1066890		Sulphide Breccia	4.872	>100.0	4.7		105
142.70	143.63	0.93	1066891		Sulphide Breccia	1.708	70.7			
143.63	144.60	0.97	1066892		Felsic Gneiss	0.509	87.6			
144.60	145.60	1.00	1066893		Felsic Gneiss	0.368	10.9			
145.60	146.50	0.90	1066894		Felsic Gneiss	0.075	11.4			
145.60	146.50	0.90	1066895	**Duplicate**	Felsic Gneiss	0.097	12.8			
146.50	147.60	1.10	1066896		Felsic Gneiss	0.135	14.5			
147.60	148.30	0.70	1066897		Felsic Gneiss	0.057	0.6			
148.30	149.30	1.00	1066898		Brecciated Felsic Gneiss	0.027	1.0			
149.30	150.32	1.02	1066899		Brecciated Felsic Gneiss	0.047	0.7			
150.32	150.32		1066900	**Blank**		<0.005	<0.1			
150.32	151.12	0.80	1066901		Felsic Gneiss	0.140	3.2			
151.12	152.10	0.98	1066902		Felsic Gneiss	0.034	0.9			
152.10	153.15	1.05	1066903		Felsic Gneiss	0.050	0.7			
153.15	154.42	1.27	1066904		Felsic Gneiss	0.042	1.0			
154.42	154.42		1066905	**STD: PM 436**		0.394	0.2			
154.42	155.40	0.98	1066906		Felsic Gneiss	0.057	2.9			
155.40	156.35	0.95	1066907		Felsic Gneiss	0.045	5.8			
156.35	157.82	1.47	1066908		Felsic Gneiss	0.014	1.1			
157.82	158.71	0.89	1066909		Feldspar Porphyry Dyke	<0.005	0.1			
158.71	159.70	0.99	1066910		Feldspar Porphyry Dyke	<0.005	0.2			
159.70	160.67	0.97	1066911		Brecciated Felsic Gneiss	0.005	0.2			
160.67	161.59	0.92	1066912		Brecciated Felsic Gneiss	0.010	0.2			
161.59	163.00	1.41	1066913		Altered Latite	<0.005	0.1			

Charlotte Project
DDH-11-273
Sample Intervals

Interval						Au	Ag	Au (GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
163.00	164.50	1.50	1066914		Altered Latite	<0.005	0.2			
164.50	164.50		1066915	**Blank**		<0.005	<0.1			
164.50	167.00	2.50	1066916		Altered Latite	<0.005	0.1			
167.00	168.58	1.58	1066917		Altered Latite	<0.005	0.7			
168.58	170.50	1.92	1066918		Altered Latite	<0.005	0.2			
170.50	172.50	2.00	1066919		Altered Latite	<0.005	0.3			
172.50	173.50	1.00	1066920		Altered Latite	<0.005	0.5			
173.50	174.64	1.14	1066921		Altered Latite	<0.005	1.2			
174.64	175.74	1.10	1066922		Felsic Gneiss	0.017	2.2			
175.74	176.60	0.86	1066923		Faulted Felsic Gneiss	<0.005	0.3			
176.60	177.60	1.00	1066924		Faulted Felsic Gneiss	0.007	0.4			
177.60	177.60		1066925	**STD: PM 925**		>10.000	>100.0	11.8		171
177.60	178.60	1.00	1066926		Faulted Felsic Gneiss	0.013	0.5			
178.60	179.60	1.00	1066927		Faulted Felsic Gneiss	0.027	0.5			
179.60	180.45	0.85	1066928		Faulted Felsic Gneiss	0.015	0.6			
180.45	181.40	0.95	1066929		Faulted Felsic Gneiss	0.058	0.6			
181.40	182.40	1.00	1066930		Brecciated Felsic Gneiss	0.304	2.5			
182.40	183.48	1.08	1066931		Brecciated Felsic Gneiss	7.850	4.0			
183.48	183.48		1066932	**Blank**		0.006	<0.1			
183.48	184.45	0.97	1066933		Felsic Gneiss	0.958	1.8			
184.45	185.50	1.05	1066934		Felsic Gneiss	1.555	31.7			
184.45	185.50	1.05	1066935	**Duplicate**	Felsic Gneiss	2.301	44.1			
185.50	186.41	0.91	1066936		Felsic Gneiss	0.171	3.7			
186.41	187.47	1.06	1066937		Felsic Gneiss	0.055	0.9			
187.47	188.47	1.00	1066938		Felsic Gneiss	<0.005	0.2			
188.47	189.50	1.03	1066939		Felsic Gneiss	<0.005	0.2			
189.50	190.85	1.35	1066940		Felsic Gneiss	<0.005	0.2			
190.85	194.82	3.97	1066941		Felsic Gneiss	<0.005	0.1			
194.82	194.82		1066942	**STD: PM 436**		0.364	0.2			
194.82	EOH									

Charlotte Project
DDH-11-274
Drill Log Summary and Cover Sheet

Hole Id: **DDH-11-274**
Property: **Charlotte**
Area: **Flex Zone**
Client: **Ansell Capital Corp.**

Logged By: **L. Binnion**
Date Logged: **Aug 20-23 2011**

COAST MOUNTAIN GEOLOGICAL LTD.

Collar Location:

Actual:

Datum:	NAD83, Zone 8		
Easting:	386656.41 mE	Azimuth:	080 ⁰
Northing:	6881896.71 mN	Dip:	-61 ⁰
Elevation:	1338.32 m	Length:	192.99 m

** Collar location shifted slightly from proposed to be on level ground, az changed to fit collar

Proposed:

Easting:	386656 mE	Azimuth:	045 ⁰
Northing:	6881896 mN	Dip:	-50 ⁰
Elevation:	1320 m	Length:	100 m

Drilling Information:

Contractor:	DJ Drilling
	HQ
Start Date:	16-Aug-2011
End Date:	20-Aug-2011
Casing In:	No
Casing Capped:	No
Units:	Metric

Hole Objective:
25m step-out west of 10-241.

Hole Summary:
The upper 80 metres of the hole is strongly silicified and weathered, and alternates between mafic gneiss, feldspar porphyry, and granodiorite. The core intersects a gougey fault below which the units are un-silicified, until intersecting the large quartz latite unit at 162.27 metres. There are two sulphide zones between 74.17-85.1 and 118.9-130.92 metres. These zones and the intervening interval is very brecciated and faulted, and in general the sulphide veins were associated with the strongest brecciation. The style of mineralization includes semi-massive sulphide veins with haloes above and below of veinlets and stringers of the same material. The exception to this is the sulphide vein at 180.50 metres which occurs in the middle of a non-brecciated, silicified quartz latite. The hole terminated in diorite at 192.99 metres.

Lithology Summary

From	To	Lith	Comment
0.00	9.15	**Cas**	
9.15	11.66	**MGn**	
11.66	14.85	**FP**	
14.85	23.24	**FP**	
23.24	26.63	**MGn**	
26.63	27.83	**FP**	
27.83	28.84	**MGn**	
28.84	29.30	**FP**	
29.30	34.45	**MGn**	
34.45	35.98	**FSch**	
35.98	38.85	**MGn**	
38.85	41.63	**FP**	
41.63	43.69	**MGn**	
43.69	47.26	**FP**	
47.26	69.69	**GdGn**	
69.69	73.26	**Gd**	
73.26	74.17	**Dk**	
74.17	77.26	**Gd**	
77.26	78.36	**MGn**	
78.36	80.67	**GdGn**	
80.67	85.10	**FSch**	15cm SV
85.10	85.48	**FZ**	
85.48	86.65	**FZ**	
86.65	100.00	**QFGn**	
100.00	101.54	**MGn**	
101.54	105.18	**MGn-z**	
105.18	106.25	**MGn**	
106.25	107.00	**FP-x**	
107.00	108.99	**MGn-z**	
108.99	115.10	**MGn**	
115.10	116.40	**FGn**	
116.40	117.28	**FGn-z**	
117.28	120.12	**FGn**	
120.12	122.18	**FP-x**	3 30cm SV
122.18	124.03	**FP-z**	
124.03	124.45	**FP-x**	
124.45	125.10	**FZ**	
125.10	126.60	**FP-x**	
126.60	127.80	**SV**	
127.80	130.92	**FP-x**	
130.92	141.50	**FP**	
141.50	146.31	**Cly-z**	
146.31	149.68	**FP-x**	
149.68	151.93	**FP-z**	
151.93	153.22	**FP-x-z**	
153.22	160.21	**FP**	
160.21	162.27	**Chl-x**	
162.27	180.46	**QFP**	
180.46	180.90	**SV**	
180.90	189.61	**QFP**	
189.61	192.99	**FP**	
192.99		**EOH**	

Charlotte Project
DDH-11-274
Detailed Log

Hole Id: DDH-11-274
Logged By: L. Binnion

Primary Intervals		Secondary Intervals		Lith	Lithology	Description	Mineralization							Alteration														Foliation	Shearing		Fractures		Veins				Brecciation				Upper Contact		Lower Contact	
From	To	From	To	Code			Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	%Vn	Width	Type	Minerals	Clasts	%Clasts	Rounding	Matrix	%Matrix	Intensity	to CA	Description	to CA	Description
0.00	9.15			CAS		CASING																																							
9.15	11.66			MGn	Silicified Mafic Gneiss	Fg, hard, dark grey-green mafic gneiss. There is a 15mm quartz-rich vein trending 75 deg tca, and there are some calcite stringers. Little blebs of pyrite are occasionally found along these stringers. The unit is pervasively altered by chlorite and sericite, and is silicified. Gneissocity is 55 deg tca.	trace	0	0	0	0	0	small blebs along stringers	Dark grey-green	2	-	-	2	1	-	-	-	-	-	-	-	2	-	-	-	-	Pervasive, stringers	55	-	-	-	1	75	2%	15mm	vein	quartz	-	-	-	-	-	-	-	broken	-	broken
11.66	14.85			FP	Silicified Feldspar Porphyry	Unit is mostly comprised of medium-grained cream-coloured feldspar phenocrysts which were altered by sericite and then silicified along with the entire unit. The core in itself has a light green colour likely due to sericite. The boundaries of the phenocrysts is now obscured. Between the phenocrysts there are elongated grains of dark pyrite which have started to oxidize. Direction of pyrite grain elongation: 70 deg tca. There is spirotchy limonite alteration on the surface of the core. Limonite is also present along with manganese staining on fracture surfaces. Between 14.54-14.63m there is an intrusion of mafic gneiss similar to 9.15-11.66m.	2%	0	0	0	0	0	disseminated, elongated	Light green	2	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	Pervasive	70	-	-	50	1	-	-	-	-	-	-	-	-	-	-	broken	-	undulating, obscured by alteration
14.85	23.24			FP	Silicified Feldspar Porphyry	Rubbly unit of feldspar porphyry similar to 11.66-14.95m except obscured by pervasive limonite staining. At 19.10-19.30m there is a piece of core that is darker brown than the rest of the unit due to the fact that it is not silicified. In the middle of this section there is 5cm that does not display any limonite alteration but rather is a light green-blue colour. In this section the grains of pyrite are larger (a couple mm long) and not oxidized.	2%	0	0	0	0	0	disseminated, elongated	Light orange-brown	2	-	-	2	-	-	-	3	-	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	3 to 4	-	-	-	-	-	-	-	-	-	-	undulating, obscured by alteration	-	rubbly
23.24	26.63			MGn	Silicified Mafic Gneiss	Fg, magnetic, hard, dark grey-blue mafic gneiss. There are two intrusions of feldspar porphyry as in 11.66-14.95m, one 3cm and one 7cm, both trending parallel to gneissocity at 55 deg tca. There is a weinlet 5mm wide trending 25 deg tca that contains pyrite, biotite, limonite, and epidote. There are also a couple calcite stringers. Limonite and manganese staining is intense on fractures. The very beginning and very end of the section are rubbly.	trace	0	0	0	0	0	blebs along veinlet	Dark grey-blue	2	-	-	2	1	-	-	2	-	-	-	2	-	1	-	-	Pervasive, stringers	55	-	-	60	2	25	1%	5mm	crosscutti ng	pyrite, biotite, limonite, epidote	-	-	-	-	-	-	-	rubbly	-	rubbly
26.63	27.83			FP	Silicified Feldspar Porphyry	Very rubbly unit, as 14.95-23.40m, but more intensely altered. The protolith is extremely obscured and hard to distinguish.	0	0	0	0	0	0	-	Orange-brown	2	-	-	2	-	-	-	4	-	-	-	-	-	-	-	Pervasive	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	rubbly	60	sharp
27.83	28.84			MGn	Silicified Mafic Gneiss	As 23.24-26.63m except this section has splotchy limonite staining on part of the core surface. At 28.00m there is as 3cm fractured quartz vein with manganese staining. Immediately after the quartz vein is a small section of rubble. The last 15cm of the unit contains 80% fault gouge.	0	0	0	0	0	0	-	Dark grey-blue, orange	2	-	-	2	-	-	-	3	-	-	-	2	-	-	-	-	Pervasive	60	-	-	-	-	60	1%	3cm	vein	quartz	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
28.84	29.30			FP	Silicified Feldspar Porphyry	As 11.66-14.95m except there are some bands 4cm thick of rock with the same texture but a dark grey-blue colour.	1%	0	0	0	0	0	disseminated, elongated	Light green, grey-blue	2	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	Pervasive	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	70	sharp
29.30	34.45			MGn	Silicified Mafic Gneiss	As 23.24-26.63m except the gneissocity and the intrusions of feldspar porphyry trend 70 deg tca.	0	0	0	0	0	0	-	Dark grey-blue	2	-	-	2	1	-	-	2	-	-	-	2	-	1	-	-	Pervasive, stringers	70	-	-	-	1	70	sharp	70	broken
		32.09	32.88	MGn	Silicified Mafic Gneiss	Same unit as above except this section is a medium-grey colour due to quartz flooding. The quartz-flooded area contains trace disseminated pyrite.	trace	0	0	0	0	0	disseminated	Medium grey	3 to 4	-	-	1	-	-	-	1	-	-	-	1	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		32.88	34.45	MGn	Silicified Mafic Gneiss	Same unit as 29.30-32.88m except in this interval the core displays limonite staining on the surface. Here resembles 27.83-28.84m.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34.45	35.98			FSch	Silicified Feldspar Porphyry Schist	Light grey-green rock with medium-grained feldspar phenocrysts that have been altered by sericite with disseminated, elongated pyrite grains. This texture is overprinted by sericite schist, schistocity at 20 deg tca, 50% of the unit is further obscured by limonite staining, and the middle section is very rubbly with poor recovery. The unit is pervasively silicified.	1%	0	0	0	0	0	disseminated, elongated	Light yellow	2	-	-	2 to 3	-	-	-	2	-	-	-	-	-	-	-	-	Pervasive	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	-	rubbly
35.98	38.85			MGn	Silicified Mafic Gneiss	Medium-green, f-mg silicified and magnetic section, except for the first 20cm which is not silicified or magnetic. There is sericite and chlorite alteration throughout with patchy limonite staining. Gneissocity is 35 deg tca.	0	0	0	0	0	0	-	Medium green	2	-	-	2	-	-	-	1	-	-	2	2	-	-	-	-	Pervasive	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	rubbly	-	faulted and gougey
38.85	41.63			FP	Feldspar Porphyry	Extremely silicified, orange-coloured section. May be feldspar porphyry but the unit is very silicified and entirely limonite-stained so it is difficult to discern. There is also manganese staining along fractures.	-	-	-	-	-	-	-	Orange	4	-	-	-	-	-	-	3	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	obscured by alteration
41.63	43.69			MGn	Silicified Mafic Gneiss	This unit is entirely silicified such that for most of it, it is impossible to determine any sort of protolith. Only in one 10cm section is there remnants of magmatic mafic gneiss. About 60% displays limonite staining, and manganese is present along fractures. There is disseminated grey pyrite throughout.	1%	0	0	0	0	0	disseminated	Light grey, orange	4 to 5	-	-	-	-	-	-	3	-	-	2	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	obscured by alteration	-	broken
43.69	47.26			FP	Silicified Feldspar Porphyry	As 38.85-41.63m. Miss latch at 45.12m.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47.26	69.69			GdGn	Silicified Granodiorite Gneiss	Matrix-dominated porphyry with 3mm diameter white feldspar phenocrysts. The boundary between the phenocrysts and the matrix is obscured due to extensive silicification. The rock is pervasively altered by sericite which defines a 45 deg tca foliation. The foliation also manifests in the elongated quartz sections between the feldspar phenocrysts. 90% is limonite stained, and also displays manganese staining on fracture surfaces. There is 1% disseminated pyrite, and at 58.53m there are some crosscutting pyrite-bearing quartz stringers at 30 deg tca. In sections not altered by limonite there are medium sized grains of a green mineral (chlorite?).	0	0	0	0	0	0	-	Orange, light grey	4	-	-	2	-	-	-	3	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	-	obscured by alteration
		57.73	58.00	FP	Silicified Feldspar Porphyry	Finer-grained unit which may be a sill.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		65.55	67.50	GdGn	Silicified Granodiorite Gneiss	As above but limonite staining is only along fractures.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
69.69	73.26			Gd	Silicified Granodiorite	Silicified granodiorite with many small feldspar phenocrysts packed close together. There is no foliation. There are a couple quartz stringers through the unit. Limonite staining covers about 30% of the core surface and there is some manganese staining in fractures. The section is interfingered with units that appear to be the same rock type but that have a distinct gneissocity 60 deg tca. At the lower contact there is a dark-grey 7mm sulphide-bearing vein trending 30 deg tca. There is a similar vein at 72.83m 2mm wide trending 40 deg tca.	1%	trace	trace	trace	0	0	stringers, veins	Light grey, cream	3	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	Pervasive, fractures	60	-	-	-	-	30-40	1%	3-7mm	crosscutti ng	sulphides	-	-	-	-	-	obscured by alteration	65	slightly undulating
		72.56	73.26	Gd	Silicified Granodiorite	As above unit but with 2% disseminated pyrite.	2%	0	0	0	0	0	disseminated, stringers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
73.26	74.17			Dk	Siliceous Dyke	White, fg, highly silicified rock with sharp contacts (dyke?). Contains disseminated pyrite with grains elongated 60 deg tca. Limonite and manganese staining is present along fracture surfaces. At 73.49m there is a dark grey sulphide vein trending 50 deg tca 1.5cm wide. Maybe very silicified mafic dyke?	1%	trace	trace	trace	0	0	disseminated, veins	Very light grey	4	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	Pervasive, fractures	60	-	-	-	-	50	1%	15mm	crosscutti ng	sulphides	-	-	-	-	-	-	65	slightly undulating	70	sharp
74.17	77.26			Gd	Silicified Granodiorite	As 69.69-73.26m but with more limonite alteration and some cm-wide quartz veins. There are sulphide veins at 74.74m (3cm wide, 65 deg tca), 75.67m (3cm wide, 50 deg tca), and 75.76m (4.5cm wide, 50 deg tca).	2%	1%	1%	1%	0	0	veins	Light grey, orange	2	-	-	2	-	-	-	2 to 3	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	50-65	2%	3-4.5cm	crosscutti ng	sulphides	-	-	-	-	-	-	70	sharp	70	sharp
		76.24	77.26	GdGn	Silicified Granodiorite Gneiss	This section is finer grained than above and has a distinct rock fabric 60 deg tca. At 76.70m there is a small amount of galena, and at 77.10-77.26m there is 30% pyrite and trace amount of the dark grey material found in the other sulphide veins.	5%	trace	trace	trace	0	0	disseminated	Cream, orange	2	-	-	2	-	-	-	2	-	-	-	-	-	-	-	-	Pervasive, fractures	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
77.26	78.36			MGn	Silicified Mafic Gneiss	Extremely silicified fg mafic gneiss. Rock colour is light grey to light green because of the high quartz content. 1% disseminated pyrite throughout. Limonite alteration is concentrated on fracture planes. Gneissocity is 70 deg tca.	trace	0	0	0	0	0	disseminated	Light green	4	-	-	2	-	-	-	2	-	-	-	2	-	-	-	-	Pervasive, fractures	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	sharp	70	obscured by alteration
78.36	80.67			GdGn	Silicified Granodiorite Gneiss	As 76.26-77.26m. There is 4% pyrite in the section both disseminated and in quartz veinlets. Galena-bearing veinlets also crosscut throughout the section. At 79.98m there are two parallel dark grey sulphide veins 5 and 10mm wide trending 20 deg tca.	2%	trace	trace	trace	0	0	disseminated, veinlets	Light grey, orange	2	-	-	2	-	-	-	2	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	30	1%	3-5mm	crosscutti ng	sulphides	-	-	-	-	-	-	70	obscured by alteration	60	sharp
80.67	85.10			FSch	Feldspar Schist	Fg, orange-brown coloured non-silicified schist. Veinlets containing sphalerite and galena are fairly common, as are quartz veinlets and stringers of white clay. Slightly rubbly section. Schistocity is 60 deg tca. The unit is pervasively altered by sericite.	2%	trace	trace	trace	0	0	FSch	Light brown	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	Pervasive	60	-	-	-	-	-	1%	3mm	crosscutti ng	sulphides	-	-	-	-	-	-	60	sharp	65	sharp
		81.51	81.66	SV-z	Faulted sulphide vein	Dark grey section of massive sulphides.	10%	50%	15%	10%	0	0	MGn	Dark grey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		84.03	84.30	Gd-x	Granodiorite breccia	Fg, silicified medium-grey matrix-supported breccia. The clasts are 1mm-1cm diameter and are composed of material similar to that in 76.24-77.26m. The matrix is aphanitic and contains 3% disseminated pyrite and 2% disseminated galena. There is a 3mm wuggy quartz vein that trends 20 deg tca.	3%	0	2%	0	0	0	disseminated	Medium grey	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	20	1%	3mm	crosscutti ng	quartz, wugs	Gd	10%	sub rounded	aphanitic	90%	4	65	sharp	65	sharp
85.10	85.48			FZ	Fault zone	Core is completely covered in white clay.	-	-	-	-	-	-	-	White	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
85.48	86.65			FZ	Fault zone	Core is completely covered in orange clay.	-	-	-	-	-	-	FP	Orange	-	-	-	-	0	0	0	3	0	0	0	0	0	0	0	3	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
86.65	100.00			QFGn	Quartz Feldspar Porphyry Gneiss	Fg, fairly soft, brown gneissic unit containing quartz, feldspar, and sericite. Gneissocity is 80 deg tca. The surface of the core is covered in tiny little holes. There are a couple medium-grey sulphide-bearing veinlets throughout. Lots of sub-millimetric limonite stringers throughout the unit. At 93.15m there is a small intrusion of quartz that contains some dark grey sulphide-rich matter. There are occasional 3-5mm quartz veinlets trending parallel to gneissocity. From 98.86-100m unit is extremely rubbly with poor recovery.	trace	trace	trace	trace	0	0	GdGn	Brown	-	-	-	3	-	-	-	2	-	-	-	-	-	-	-	-	Pervasive, stringers	80	-	-	-	-	-	1%	5mm	crosscutti ng	sulphides, quartz	-	-	-	-	-	faulted and gougey	-	-
		97.22	97.48	MD	Mafic Dyke	As 97.22-97.48m.	0	0	0	0	0	0	Gd	Dark green	-	-	-	2	-	-	-	1	-	-	-	3	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	25	sharp	40	sharp
		97.78	97.91	MD	Mafic Dyke	As 97.22-97.48m.	-	-	-	-	-	-	Dk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		98.41	98.61	MD	Mafic Dyke	As 97.22-97.48m.	-	-	-	-	-	-	Gd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100.00	101.54			MGn	Mafic Gneiss	Fg, soft, yellow-green unit displaying pervasive chlorite and sericite alteration. Some 5-20mm quartz veins, fractured with limonite staining along fractures trending parallel to gneissocity at 40 deg tca. Greasy chlorite on fracture surfaces.	0	0	0	0	0	0	MGn	Yellow-green	-	-	-	2	-	-	-	1	-	-	-	3	-	-	-	-	Pervasive	40	-	-	-	-	40	2%	5-20mm	fractured	quartz, limonite	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
101.54	105.18			MGn-z	Faulted mafic gneiss	Unit is the same yellow-green colour as above except there is an extremely soft, waxy mineral ranging in colour from yellow to very dark green along fracture surfaces (talc mixed with chlorite?). The unit contains 10% fault gouge.	0	0	0	0	0	0	GdGn	Yellow-green	-	-	-	2	-	-	-	-	-	-	-	2	2	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
105.18	106.25			MGn	Mafic Gneiss	As 100.00-101.54m except gneissocity is 60 deg tca. A couple pyrite stringers are present right next to the upper contact.	trace	0	0	0	0	0	FSch	15cm SV	-	-	-	2	-	-	-	1	-	-	-	3	-	-	-	-	Pervasive, fractures	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	rubbly
106.25	107.00			FP-x	Silicified and brecciated feldspar porphyry	F-mg, highly silicified (hard) greenish-grey unit. The silicification appears to have brecciated the feldspar porphyry, but the boundary between the FP clasts and the siliceous matrix is obscured. There is disseminated pyrite and very dark grey sulphides throughout (2-3%) and there are a couple crosscutting pyrite stringers as well with limonite haloes. At 106.50m there is a pyrite-bearing quartz vein 1.5m wide and 30 deg tca.	2%	trace	trace	trace	0	0	FZ	Light green-grey	3	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	Pervasive, along stringers	-	-	-	-	-	30	1%	1.5cm	crosscutti ng	pyrite, limonite	FP	65%	sub rounded	silica	45%	3	-	rubbly	-	gougey
107.00	108.99			MGn-z	Faulted mafic gneiss	As 101.54-105.18m.	-	-	-	-	-	-	FZ	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
108.99	115.10			MGn	Mafic Gneiss	As 100.00-101.54m with slightly more foliaform quartz veins. There is fine-grained disseminated pyrite throughout. Between 109.80-110.00m there is a felsic section with gradual alteration boundaries. This is probably just a bleached section of the mafic gneiss. Gneissocity is 50 deg tca.	1%	0	0	0	0	0	disseminated	Yellow-green	-	-	-	2 to 3	-	-	-	1	-	-	-	3	-	-	-	-	Pervasive	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	gougey
		111.13	115.10	MGn	Mafic Gneiss	The same unit as above with slightly different alteration: There is higher chlorite content which gives the rock a darker green colour, and the sericite alteration has changed from a yellow brown stain to white crystal flakes. Some pyrite stringers are present as well. Another type of stringer is very light brown, extremely soft and waxy and may have some amount of gypsum in it.	-	-	-	-	-	-	-	Dark green	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		112.45	113.11	MGn-z	Faulted Mafic gneiss	Rubbly unit with 30% fault gouge.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
115.10	116.40			FGn	Feldspar Gneiss	Fg, very soft unit with tiny dents all over the core surface, possibly due to leaching. The unit is heavily altered by limonite which gives it an orange-red colour. There are many crosscutting pyrite stringers (most at 135 deg tca) and about 2% disseminated pyrite. The last 15cm of the unit is silicified and contains a couple of the very dark grey sulphide-bearing stringers.	2%	trace	trace	trace	0	0	disseminated, stringers	Orange-red	-	-	-	2	-	-	-	3	?	-	-	-	-	-	-	-	Pervasive	30	-	-	-	-	135	2%	1mm	stringers	pyrite, sulphides	-	-	-	-	-	-	-	gougey	-	gougey
		115.70	116.10	FGn	Feldspar Gneiss	As above but without the pervasive limonite staining.	-	-	-	-	-	-	-	Light yellow-brown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116.40	117.28			FGn-z	Faulted feldspar gneiss	As 113.13-115.10m except with 20% fault gouge, and slightly less intense limonite staining.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
117.28	120.12			FGn	Sulphide-rich feldspar gneiss	Light grey-green, fg, sericite gneiss of medium hardness with 15% quartz grains and 3% disseminated, elongated pyrite grains. Gneissocity at 30 deg tca. The colour is due to the pervasive sericite alteration. There is also the occasional intrusion or veinlet of the dark grey sulphide-rich material.	3%	trace	trace	trace	0	0	disseminated, veinlets	Light grey green	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	sharp but undulating
		118.98	120.12	FGn	Sulphide-rich feldspar gneiss	Unit as above except there is less sericite which gives the rock a more grey colour than brown. There is 4-5% disseminated pyrite and at 120.02m there is a stringer of dark grey sulphides trending 20 deg tca, but crosscutting schistocity.	5%	trace	trace	trace	0	0	disseminated, veinlets	Light grey	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive	30	-	-	-	-	30	1%	1mm	stringer	sulphides	-	-	-	-	-	30	sharp alteration contact	-	gradual
120.12	122.18			FP-x	SV-bearing Feldspar Porphyry breccia	Feldspar porphyry that has been heavily brecciated by a very dark grey to medium grey silica-rich sulphide-bearing fluid. The FP is pervasively altered by sericite. The unit also displays sooderite alteration along some fractures. Percentage of clasts vs. matrix varies throughout the unit from 10% clasts to 80% clasts, depending on where the strongest pulses of fluid are.	15%	15%	4%	4%	0	0	disseminated, massive SV	Light grey-yellow, very dark grey	3	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive, fractures	-	-	-	-	-	-	-	-	-	-	FP	10-80%	sub rounded	Dark grey SV	90-20%	3	-	gradual	-	
		120.33	120.61	SV	Semi-massive sulphide vein	Very dark grey unit composed of 75% aphanitic sulphides, including pyrite, arsenopyrite, galena, and sphalerite. The last 5cm is clay rich and probably represents a small fault zone.	20%	40%	5%	5%	0	0	semi-massive SV	Very dark grey	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	sharp	30	slightly gougey
		120.71	121.04	SV	Semi-massive sulphide vein	Very dark grey unit with 25% FP clasts and 75% semi-massive sulphides including pyrite, arsenopyrite, galena, and sphalerite. Unit is slightly rubbly.	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		121.50	121.83	SV	Semi-massive sulphide vein	Dark grey, 50% clasts 50% siliceous sulphide-rich matrix. Slightly rubbly.	7%	10%	2%	2%	0	0	semi-massive SV	Dark grey	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	FP	50%	sub rounded	Grey SV	50%	3	-	rubbly	-	rubbly
122.18	124.03			FP-z	SV-bearing Feldspar Porphyry fault	As 120.12-122.18m but very rubbly with white-orange clay coating on rock fragments. Gouge contains euhedral pyrite grains.	2%	trace	trace	trace	0	0	disseminated	White, orangey	-	-	-	3	-	-	-	1	-	-	-	-	-	-	3	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
124.03	124.45			FP-x	Feldspar porphyry Breccia	Same as 84.03-84.30m except the clasts are feldspar porphyry. Some sooderite alteration. Sulphides are too fine grained to be identified individually. There is approximately 30% clasts and 70% matrix. Unit is pervasively silicified.	5%	3%	trace	trace	0	0	disseminated	Medium grey	2	-	1	1	-	-	-	1	-	-	-	-	-	-	-	-	Pervasive, fractures	-	-	-	-	-	-	-	-	-	-	FP	30%	rounded	Grey SV	70%	4	40	gougey	-	broken and gougey
124.45	125.10			FZ	Fault zone	Core is covered with white clay. There is 2% disseminated pyrite, and sooderite alteration.	2%	trace	trace	trace	-	-	disseminated	White, orangey	-	-	-	3	-	-	-	-	-	-	-	-	-	3	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
125.10	126.60			FP-x	Feldspar porphyry Breccia	As 120.12-122.18m.	5%	3%	trace	trace	0	0	disseminated	Medium grey	2	-	1	1	-	-	-	1	-	-	-	-	-	-	-	-	Pervasive, fractures	-	-	-	-	-	-	-	-	-	-	FP	30%	rounded	Grey SV	70%	4	-	broken	-	broken
		125.10	125.48	FP-x	Feldspar porphyry Breccia	In this interval the core was drilled down a contact between the breccia and a semi-massive sulphide vein. The contact trends 15 deg tca. The sulphide vein contains some medium-sized pyrite, aspy, galena, and sphalerite. There is also a pink alteration which is possibly orpiment or realgar. (Photo).	10%	10%	5%	5%	0	0	semi-massive SV	Dark grey	3	-	1	1	-	-	-	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-
126.60	127.80			SV	Semi-massive sulphide vein	Contains approximately 80% sulphides including pyrite, aspy, galena, and sphalerite. There is some green, red, and orange alteration minerals on broken surfaces.	15%	50%	8%	7%	0	0	semi-massive SV	Very dark grey	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive, patchy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	broken	-	broken
127.80	130.92			FP-x	Feldspar porphyry Breccia	As 120.12-122.18m.	5%	3%	trace	trace	0	0	disseminated in matrix	Medium grey	2	-	1	1	-	-	-	1	-	-	-	-	-	-	-	-	Pervasive, fractures	-	-	-	-	-	-	-	-	-	-	FP	30%	rounded	Grey SV	70%	4	-	broken	-	irregular
130.92	141.50			FP	Feldspar Porphyry	Section is cream coloured and contains medium sized feldspar phenocrysts that have been altered by sericite. The main component between the phenocrysts is quartz. The direction of the rock fabric is 50 deg tca. There is a small amount of disseminated pyrite and several stringers containing the sulphide material from up hole.	1%	trace?	trace?	trace?	0	0	disseminated, stringers	Cream	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	Pervasive	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	irregular	-	-
		134.84	138.41	FPGn	Feldspar porphyry gneiss	As above section except there is a patchy pink alteration throughout.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		139.48	141.50	FPGn	Feldspar porphyry gneiss	As above section except there has been some clay alteration and the surface is really soft and covered with a thin layer of grey clay.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
141.50	146.31			Cly-z	Fault zone	Reconsolidated fault. Core is very soft and pervasively altered by white clay. The protolith looks like it may have been feldspar porphyry gneiss but it is difficult to tell.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	rubbly	-	broken
		141.50	141.77	FZ	Fault zone	Rubbly unit covered with white clay.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	rubbly	-	rubbly
146.31	149.68			FP-x	Feldspar porphyry Breccia	Fg, medium-grey matrix-supported breccia. The clasts are 1mm-1.5cm diameter and are composed of sericite-altered FP?. The matrix is aphanitic and looks like it may contains very fg sulphides. Much of this unit is rubbly and the surface of the core exhibits patchy clay alteration.	2%	?	?	?	0	0	disseminated	Medium grey	-	-	-	2	-	-	-	-	-	-	-	-	-	2	Pervasive, patchy	-	-	-	-	-	-	-	-	-	-	FP?	25%	rounded	Medium grey material	75%	4	-	broken	-	faulted and gougey
		148.30	149.68	FP-x-z	Faulted feldspar porphyry Breccia	As above except the white clay alteration is pervasive, although some clasts are relatively unaffected.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
149.68	151.93			FP-z	Faulted feldspar porphyry	Medium sized feldspar clasts altered by sericite. Unit is pervasively altered by white clay, 25% fault gouge in section. There is about 1% disseminated pyrite, fg and in small clumps.	1%	-	-	-	-	-	disseminated	Light grey	-	-	-	3	-	-	-	-	-	-	-	-	-	4	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	faulted and gougey	-	faulted and gougey
151.93	153.22			FP-x-z	Faulted Feldspar porphyry Breccia	Large angular clasts of feldspar porphyry have been brecciated by a material that has since been altered to white clay. The clasts have been pervasively altered by sericite. The whole unit displays large patches of limonite alteration, and yellow staining (sericite?).	0	0	0	0	0	0	-	Light orange, yellow	-	-	-	3	-	-	-	2	-	-	-	-	-	-	4	Pervasive, patchy	-	-	-	-	-	-	-	-	-	-	FP	60%	angular	white clay	40%	3 to 4	-	faulted and gougey	-

Charlotte Project
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Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field	Comments
33	10.06	203.7	226.2	-61.5	64068	erroneous removed from interpretation
43	13.11	177.4	199.9	-61.2	88893	erroneous removed from interpretation
53	16.16	61.1	83.6	-61.2	56741	
63	19.21	63.5	86	-61.5	57407	
73	22.26	58.4	80.9	-61.4	57230	
83	25.30	58.2	80.7	-61.4	57247	
93	28.35	62.1	84.6	-61.5	57021	
103	31.40	62.4	84.9	-61.6	57339	
113	34.45	63.7	86.2	-61.6	57228	
123	37.50	62.3	84.8	-61.6	57242	
133	40.55	59.8	82.3	-61.3	57305	
143	43.60	62.7	85.2	-61.6	57235	
153	46.65	63	85.5	-61.5	57216	
163	49.70	59.7	82.2	-61.5	57075	
173	52.74	60	82.5	-61.3	57132	
183	55.79	60.2	82.7	-61.6	57091	
193	58.84	58.9	81.4	-61.3	57060	
203	61.89	58.9	81.4	-61.4	57013	
213	64.94	59.2	81.7	-61.3	57051	
223	67.99	61.7	84.2	-61.6	57092	
233	71.04	63.2	85.7	-61.4	57200	
243	74.09	62	84.5	-61.4	57147	
253	77.13	63.7	86.2	-61.6	57200	
263	80.18	60.9	83.4	-61.6	57035	
273	83.23	62.6	85.1	-61.7	57108	
283	86.28	61.8	84.3	-61.4	57176	
293	89.33	62.6	85.1	-61.4	57196	
303	92.38	59.5	82	-61.4	57021	
313	95.43	59.9	82.4	-61.5	57037	
323	98.48	59.4	81.9	-61.4	57054	
333	101.52	59.4	81.9	-61.4	57022	
343	104.57	62.9	85.4	-61.6	57198	
353	107.62	62.9	85.4	-61.6	57221	
363	110.67	60.5	83	-61.5	57138	
373	113.72	63.6	86.1	-61.6	57209	
383	116.77	59	81.5	-61.5	57104	
393	119.82	61.7	84.2	-61.7	57204	
403	122.87	58.6	81.1	-61.5	57088	
413	125.91	59.4	81.9	-61.6	57149	
423	128.96	59	81.5	-61.6	57093	
433	132.01	62.4	84.9	-61.9	57244	
443	135.06	61	83.5	-62.1	57157	
453	138.11	60.7	83.2	-61.9	57204	
463	141.16	58.8	81.3	-61.9	57138	
473	144.21	62	84.5	-62.1	57247	
483	147.26	59.3	81.8	-62.3	57119	
493	150.30	63.1	85.6	-62.5	57288	
503	153.35	61.8	84.3	-62.5	57263	
513	156.40	58.9	81.4	-62.4	57128	
523	159.45	63.1	85.6	-62.8	57262	
533	162.50	62.2	84.7	-62.6	57284	
543	165.55	61.3	83.8	-62.9	57201	

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Down Hole Surveys

Depth (ft)	Depth (m)	Magnetic Azimuth	True Azimuth	Dip	Magnetic Field	Comments
553	168.60	62.1	84.6	-62.9	57286	
563	171.65	60.1	82.6	-63	57179	
573	174.70	62.8	85.3	-62.5	57210	
583	177.74	63.1	85.6	-63.4	57308	
593	180.79	58.7	81.2	-62.7	57151	
603	183.84	60.5	83	-63.1	57315	
613	186.89	62.8	85.3	-62.8	57298	

Charlotte Project
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Sample Intervals

Interval						Au	Ag	Au(GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
9.15	11.66	2.51	1067419		Silicified Mafic Gneiss	<0.005	<0.1			
11.66	13.26	1.60	1067420		Silicified Feldspar Porphyry	<0.005	<0.1			
13.26	14.85	1.59	1067421		Silicified Feldspar Porphyry	<0.005	<0.1			
14.85	17.23	2.38	1067422		Silicified Feldspar Porphyry	<0.005	<0.1			
17.23	18.60	1.37	1067423		Silicified Feldspar Porphyry	<0.005	<0.1			
18.60	19.82	1.22	1067424		Silicified Feldspar Porphyry	<0.005	<0.1			
19.82	19.82		1067425	**STD: PM 436**		0.372	0.2			
19.82	21.65	1.83	1067426		Silicified Feldspar Porphyry	<0.005	<0.1			
21.65	23.24	1.59	1067427		Silicified Feldspar Porphyry	<0.005	<0.1			
23.24	25.00	1.76	1067428		Silicified Mafic Gneiss	0.026	<0.1			
25.00	26.63	1.63	1067429		Silicified Mafic Gneiss	0.012	<0.1			
26.63	27.83	1.20	1067430		Silicified Feldspar Porphyry	0.011	<0.1			
27.83	28.84	1.01	1067431		Silicified Mafic Gneiss	0.024	<0.1			
28.84	29.30	0.46	1067432		Silicified Feldspar Porphyry	<0.005	<0.1			
29.30	30.80	1.50	1067433		Silicified Mafic Gneiss	<0.005	<0.1			
30.80	32.09	1.29	1067434		Silicified Mafic Gneiss	<0.005	<0.1			
30.80	32.09	1.29	1067435	**Duplicate**	Silicified Mafic Gneiss	<0.005	<0.1			
32.09	32.88	0.79	1067436		Silicified Mafic Gneiss	0.006	<0.1			
32.88	34.45	1.57	1067437		Silicified Mafic Gneiss	0.008	<0.1			
34.45	35.98	1.53	1067438		Silicified Feld Porphyry Schist	<0.005	0.1			
35.98	38.85	2.87	1067439		Silicified Mafic Gneiss	<0.005	<0.1			
38.85	40.65	1.80	1067440		Feldspar Porphyry	<0.005	<0.1			
40.65	41.63	0.98	1067441		Feldspar Porphyry	<0.005	<0.1			
41.63	42.66	1.03	1067442		Silicified Mafic Gneiss	<0.005	<0.1			
42.66	43.69	1.03	1067443		Silicified Mafic Gneiss	<0.005	<0.1			
43.69	44.80	1.11	1067444		Silicified Feldspar Porphyry	<0.005	<0.1			
44.80	44.80		1067445	**STD: PM 436**		0.386	0.2			
44.80	47.26	2.46	1067446		Silicified Feldspar Porphyry	<0.005	<0.1			
47.26	49.04	1.78	1067447		Silicified Feldspar Porphyry	<0.005	<0.1			
49.04	50.61	1.57	1067448		Silicified Granodiorite Gneiss	<0.005	<0.1			
50.61	51.52	0.91	1067449		Silicified Granodiorite Gneiss	<0.005	<0.1			
51.52	54.27	2.75	1067450		Silicified Granodiorite Gneiss	<0.005	0.1			
54.27	54.94	0.67	1067451		Silicified Granodiorite Gneiss	<0.005	<0.1			
54.94	57.32	2.38	1067452		Silicified Granodiorite Gneiss	<0.005	<0.1			
57.32	58.84	1.52	1067453		Silicified Granodiorite Gneiss	<0.005	<0.1			
58.84	60.36	1.52	1067454		Silicified Granodiorite Gneiss	<0.005	<0.1			
60.36	60.36		1067455	**Blank**		<0.005	<0.1			
60.36	61.89	1.53	1067456		Silicified Granodiorite Gneiss	<0.005	<0.1			
61.89	63.41	1.52	1067457		Silicified Granodiorite Gneiss	<0.005	<0.1			
63.41	65.55	2.14	1067458		Silicified Granodiorite Gneiss	<0.005	<0.1			
65.55	66.50	0.95	1067459		Silicified Granodiorite Gneiss	<0.005	<0.1			
66.50	67.50	1.00	1067460		Silicified Granodiorite Gneiss	<0.005	<0.1			
67.50	68.60	1.10	1067461		Silicified Granodiorite Gneiss	<0.005	<0.1			
68.60	69.69	1.09	1067462		Silicified Granodiorite Gneiss	<0.005	<0.1			
69.69	71.08	1.39	1067463		Silicified Granodiorite	<0.005	0.2			
71.08	72.56	1.48	1067464		Silicified Granodiorite	0.007	0.5			
72.56	72.56		1067465	**STD: PM 925**		>10.000	>100.0	12.0		180
72.56	73.26	0.70	1067466		Silicified Granodiorite	0.044	1.9			
73.26	74.17	0.91	1067467		Siliceous Dyke	0.153	7.5			
74.17	75.20	1.03	1067468		Silicified Granodiorite	0.369	17.3			
75.20	76.30	1.10	1067469		Silicified Granodiorite	0.744	11.1			
76.30	77.26	0.96	1067470		Silicified Granodiorite Gneiss	0.138	4.6			
77.26	78.36	1.10	1067471		Silicified Mafic Gneiss	0.015	1.7			
78.36	79.50	1.14	1067472		Silicified Granodiorite Gneiss	0.128	3.6			
79.50	81.00	1.50	1067473		Silicified Granodiorite Gneiss	1.321	>100.0	1.5		212
81.00	81.71	0.71	1067474		Feldspar Schist	>10.000	>100.0	29.9		894
80.67	81.71	1.04	1067475	**Duplicate**	Feldspar Schist	>10.000	>100.0	39.4		284
81.71	81.71		1067476	**Blank**		0.044	0.8			
81.71	81.71		1067477	**Blank**		0.035	0.5			
81.71	82.95	1.24	1067478		Feldspar Schist	0.800	6.5			
82.95	84.03	1.08	1067479		Granodiorite Breccia	0.352	5.3			
84.03	84.30	0.27	1067480		Feldspar Schist	0.347	8.4			
84.30	85.10	0.80	1067481		Fault Zone	0.240	6.7			
85.10	86.65	1.55	1067482		Fault Zone	0.241	2.0			
86.65	88.15	1.50	1067483		Quartz Feldspar Gneiss	0.008	0.2			
88.15	89.65	1.50	1067484		Quartz Feldspar Gneiss	<0.005	<0.1			
89.65	89.65		1067485	**STD: PM 436**		0.400	<0.1			
89.65	91.15	1.50	1067486		Quartz Feldspar Gneiss	0.012	0.2			

Charlotte Project
DDH-11-274
Sample Intervals

Interval						Au	Ag	Au(GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
91.15	92.65	1.50	1067487		Quartz Feldspar Gneiss	<0.005	0.2			
92.65	94.15	1.50	1067488		Quartz Feldspar Gneiss	<0.005	0.2			
94.15	95.53	1.38	1067489		Quartz Feldspar Gneiss	<0.005	0.1			
95.53	96.95	1.42	1067490		Quartz Feldspar Gneiss	<0.005	0.1			
96.95	98.48	1.53	1067491		Quartz Feldspar Gneiss	<0.005	0.1			
98.48	100.00	1.52	1067492		Quartz Feldspar Gneiss	<0.005	0.5			
100.00	101.54	1.54	1067493		Mafic Gneiss	<0.005	0.1			
101.54	104.00	2.46	1067494		Faulted Mafic Gneiss	<0.005	1.8			
104.00	104.00		1067495	**Blank**		<0.005	<0.1			
104.00	105.18	1.18	1067496		Faulted Mafic Gneiss	<0.005	0.1			
105.18	106.25	1.07	1067497		Mafic Gneiss	0.005	0.3			
106.25	107.50	1.25	1067498		Silicified & Bx Feld Porphyry	0.027	0.9			
107.50	108.99	1.49	1067499		Faulted Mafic Gneiss	<0.005	0.2			
108.99	110.00	1.01	1067500		Mafic Gneiss	<0.005	0.1			
110.00	111.13	1.13	1067501		Mafic Gneiss	<0.005	0.4			
111.13	112.45	1.32	1067502		Mafic Gneiss	<0.005	0.1			
112.45	113.11	0.66	1067503		Faulted Mafic Gneiss	<0.005	0.2			
113.11	113.92	0.81	1067504		Mafic Gneiss	<0.005	0.2			
113.92	113.92		1067505	**STD: PM 436**		0.400	0.2			
113.92	115.10	1.18	1067506		Mafic Gneiss	<0.005	0.2			
115.10	116.40	1.30	1067507		Feldspar Gneiss	0.061	1.5			
116.40	117.28	0.88	1067508		Faulted Feldspar Gneiss	0.079	0.9			
117.28	118.90	1.62	1067509		Sulphide-Rich Feld Gneiss	0.102	1.6			
118.90	120.12	1.22	1067510		Sulphide-Rich Feld Gneiss	0.436	2.4			
120.12	120.80	0.68	1067511		SV-Bearing Feld Porphyry Bx	>10.000	>100.0	16.2		212
120.80	121.52	0.72	1067512		SV-Bearing Feld Porphyry Bx	3.117	70.5			
121.52	122.18	0.66	1067513		SV-Bearing Feld Porphyry Bx	5.312	86.6			
122.18	122.87	0.69	1067514		SV-Bearing Feld Porphyry Bx	0.196	6.7			
122.18	122.87	0.69	1067515	**Duplicate**	SV-Bearing Feld Porphyry Bx	0.440	15.2			
122.87	124.03	1.16	1067516		SV-Bearing Feld Porphyry Bx	0.182	7.3			
124.03	124.45	0.42	1067517		Feldspar Porphyry Breccia	1.856	41.9			
124.45	125.10	0.65	1067518		Fault Zone	0.162	7.0			
125.10	126.60	1.50	1067519		Feldspar Porphyry Breccia	3.742	40.2			
126.60	127.80	1.20	1067520		Semi-Massive Sulphide Vein	>10.000	>100.0	19.6		1665
127.80	128.80	1.00	1067521		Feldspar Porphyry Breccia	0.780	>100.0	<0.9		188
128.80	129.75	0.95	1067522		Feldspar Porphyry Breccia	0.144	6.3			
129.75	130.92	1.17	1067523		Feldspar Porphyry Breccia	0.341	7.1			
130.92	130.92		1067524	**Blank**		<0.005	<0.1			
130.92	130.92		1067525	**STD: PM 925**		>10.000	>100.0	11.8		171
130.92	132.39	1.47	1067526		Feldspar Porphyry Gneiss	0.015	0.3			
132.39	133.92	1.53	1067527		Feldspar Porphyry Gneiss	0.030	0.1			
133.92	134.84	0.92	1067528		Feldspar Porphyry Gneiss	0.018	<0.1			
134.84	136.36	1.52	1067529		Feldspar Porphyry Gneiss	0.214	0.2			
136.36	137.40	1.04	1067530		Feldspar Porphyry Gneiss	0.071	0.1			
137.40	138.41	1.01	1067531		Feldspar Porphyry Gneiss	0.276	<0.1			
138.41	139.48	1.07	1067532		Feldspar Porphyry Gneiss	0.057	0.1			
139.48	140.48	1.00	1067533		Feldspar Porphyry Gneiss	0.011	0.2			
140.48	141.50	1.02	1067534		Feldspar Porphyry Gneiss	0.010	0.2			
141.50	141.50		1067535	**Blank**		<0.005	<0.1			
141.50	143.00	1.50	1067536		Fault Zone	0.014	0.2			
143.00	144.82	1.82	1067537		Fault Zone	<0.005	0.2			
144.82	146.31	1.49	1067538		Fault Zone	0.014	0.2			
146.31	147.30	0.99	1067539		Feldspar Porphyry Breccia	0.008	0.4			
147.30	148.30	1.00	1067540		Feldspar Porphyry Breccia	0.228	6.6			
148.30	149.68	1.38	1067541		Faulted Feldspar Porphyry Bx	0.199	3.9			
149.68	151.30	1.62	1067542		Faulted Feldspar Porphyry	0.016	0.6			
151.30	152.80	1.50	1067543		Faulted Feldspar Porphyry	0.042	0.9			
152.80	153.22	0.42	1067544		Faulted Feldspar Porphyry	0.239	3.3			
153.22	153.22		1067545	**STD: PM 436**		0.388	0.2			
153.22	154.30	1.08	1067546		Feldspar Porphyry	0.064	1.5			
154.30	155.23	0.93	1067547		Faulted Feldspar Porphyry	0.042	4.1			
155.23	157.01	1.78	1067548		Feldspar Porphyry	0.164	3.2			
157.01	158.63	1.62	1067549		Feldspar Porphyry	<0.005	0.4			
158.63	160.10	1.47	1067550		Feldspar Porphyry	<0.005	1.0			
160.10	161.20	1.10	1067551		Chloritic Breccia	0.008	3.5			
161.20	162.27	1.07	1067552		Clay Breccia	0.013	2.0			
162.27	163.86	1.59	1067553		Quartz Feldspar Porphyry	0.056	2.0			
163.86	165.24	1.38	1067554		Quartz Feldspar Porphyry	0.051	9.5			

Charlotte Project
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Sample Intervals

Interval						Au	Ag	Au(GrOL)	Ag (7TD)	Ag (GrOL)
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	GM/T	GM/T	GM/T
163.86	165.24	1.38	1067555	**Duplicate**	Quartz Feldspar Porphyry	0.182	16.4			
165.24	166.46	1.22	1067556		Quartz Feldspar Porphyry	<0.005	0.3			
166.46	168.60	2.14	1067557		Quartz Feldspar Porphyry	<0.005	0.4			
168.60	170.10	1.50	1067558		Quartz Feldspar Porphyry	<0.005	0.2			
170.10	171.65	1.55	1067559		Quartz Feldspar Porphyry	0.008	0.4			
171.65	173.63	1.98	1067560		Quartz Feldspar Porphyry	0.015	0.5			
173.63	175.15	1.52	1067561		Quartz Feldspar Porphyry	0.006	0.6			
175.15	176.22	1.07	1067562		Quartz Feldspar Porphyry	0.151	3.9			
176.22	180.46	4.24	1067563		Quartz Feldspar Porphyry	0.314	13.9			
180.46	181.20	0.74	1067564		Sulphide Vein	>10.000	>100.0	9.6		508
181.20	181.20		1067565	**Blank**		0.006	3.0			
181.20	181.20		1067566	**STD: PM 925**		>10.000	>100.0	12.4		161
181.20	183.54	2.34	1067567		Quartz Feldspar Porphyry	0.109	1.9			
183.54	185.50	1.96	1067568		Quartz Feldspar Porphyry	0.005	0.1			
185.50	187.50	2.00	1067569		Quartz Feldspar Porphyry	0.006	0.4			
187.50	189.61	2.11	1067570		Quartz Feldspar Porphyry	<0.005	0.2			
189.61	191.06	1.45	1067571		Mafic Feldspar Porphyry	<0.005	0.1			
191.06	192.04	0.98	1067572		Mafic Feldspar Porphyry	<0.005	<0.1			
192.04	192.99	0.95	1067573		Mafic Feldspar Porphyry	<0.005	<0.1			
192.99	EOH									

Appendix III

Certificate of analysis for Drill Core

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: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: June 10, 2011
Report Date: June 21, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI11000191.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CH11-001
P.O. Number
Number of Samples: 58

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	57	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	58	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	58	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6	1	Lead collection fire assay fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ansell Capital Corp
620-650 Georgia St.
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.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: June 21, 2011

CERTIFICATE OF ANALYSIS WHI11000191.1

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
106501	Drill Core	1.48	>10	1.6	20.0	647.3	41	15.5	0.5	0.1	27	0.50	328.5	14106	6.7	19	0.5	31.1	0.2	2	0.04
106502	Drill Core	1.78	0.306	1.8	19.8	499.3	113	19.3	0.6	0.1	43	0.95	603.9	352.6	8.1	9	2.6	24.0	0.4	<2	0.04
106503	Drill Core	1.75	0.139	1.3	24.4	600.0	154	7.7	0.5	0.4	71	1.15	699.3	157.7	12.8	6	4.8	22.1	0.2	<2	0.04
106504	Drill Core	1.80	0.035	1.5	28.2	527.5	129	5.5	0.5	0.2	70	0.86	616.1	39.6	13.5	6	4.9	17.5	0.6	<2	0.04
106505	Drill Core	0.90	0.045	1.5	31.5	574.0	138	6.8	0.4	0.1	45	0.94	637.8	46.4	14.3	6	4.0	19.9	0.7	<2	0.03
106506	Drill Core	1.68	0.064	1.7	31.6	417.4	163	4.7	0.8	0.3	112	0.68	632.3	68.5	13.2	8	8.3	21.0	0.2	<2	0.04
106507	Drill Core	1.46	0.056	1.2	26.9	338.3	143	6.3	0.5	0.2	60	0.66	531.3	60.1	11.7	8	7.2	22.3	0.5	<2	0.03
106508	Drill Core	1.58	0.032	1.4	15.1	191.4	103	5.6	0.2	<0.1	19	0.65	298.3	46.2	13.3	12	1.9	11.1	0.2	<2	0.03
106509	Drill Core	1.14	0.023	1.3	12.8	291.3	68	3.5	0.4	<0.1	24	0.62	353.1	31.2	12.8	12	1.9	13.5	0.2	<2	0.03
106510	Drill Core	3.06	0.044	1.4	23.3	140.4	106	2.6	0.5	0.1	25	0.47	290.3	51.8	12.3	9	4.6	4.7	0.2	<2	0.04
106511	Drill Core	2.06	0.015	1.9	25.8	116.3	160	1.3	0.4	0.2	89	0.72	355.9	22.2	11.2	7	6.5	4.4	0.1	<2	0.04
106512	Drill Core	2.08	0.008	0.9	13.7	61.9	76	1.9	0.4	0.3	61	0.28	134.7	9.3	11.5	8	3.1	2.6	<0.1	<2	0.04
106513	Drill Core	1.84	0.006	0.8	18.5	79.6	113	0.9	0.3	0.5	81	0.41	205.7	10.1	12.7	7	5.3	4.5	<0.1	<2	0.04
106514	Drill Core	0.93	<0.005	1.3	17.9	27.6	105	0.9	0.6	1.3	162	0.34	169.5	8.1	11.0	6	4.8	5.7	0.1	<2	0.04
106515	Rock	0.65	<0.005	<0.1	<0.1	1.5	16	<0.1	1.0	0.5	211	0.42	2.5	<0.5	<0.1	39	<0.1	<0.1	<0.1	<2	19.85
106516	Drill Core	1.11	<0.005	3.2	17.6	20.4	422	0.2	2.5	1.7	247	0.78	211.5	1.6	13.3	7	6.4	4.8	0.1	6	0.12
106517	Drill Core	2.60	0.007	1.9	40.0	33.9	487	0.3	16.0	6.8	283	1.97	129.1	7.9	4.8	27	13.6	4.2	1.2	50	0.33
106518	Drill Core	2.47	0.007	0.2	8.8	4.8	592	<0.1	2.3	2.1	1004	1.25	33.7	2.0	1.3	13	2.6	1.3	0.3	10	0.17
106519	Drill Core	1.38	0.010	1.1	29.0	10.2	1358	0.1	3.0	2.3	2913	1.59	54.6	8.7	1.9	9	3.9	2.7	0.6	8	0.16
106520	Drill Core	1.11	<0.005	0.6	30.8	7.8	461	<0.1	14.1	6.3	629	1.85	32.8	0.7	3.1	16	4.8	1.6	0.2	50	0.19
106521	Drill Core	2.20	0.011	2.4	62.0	6.4	829	0.1	29.2	17.6	945	4.63	28.7	2.9	7.7	20	2.4	1.8	0.4	156	0.42
106522	Drill Core	2.23	<0.005	4.5	42.4	57.7	789	0.2	45.3	13.2	756	3.68	13.7	2.8	8.7	20	5.0	4.7	0.3	175	0.31
106523	Drill Core	2.33	0.008	4.5	24.0	5.8	158	<0.1	20.6	8.7	483	2.63	10.2	4.9	5.2	29	0.3	0.6	0.3	111	0.40
106524	Drill Core	1.79	0.006	4.8	35.7	5.1	318	<0.1	39.8	13.0	451	3.16	8.2	3.6	7.3	24	2.9	1.2	0.5	152	0.37
106525	Drill Core	1.04	0.005	1.2	20.8	97.9	270	0.6	1.6	1.4	3722	2.03	455.6	5.5	12.9	9	3.8	120.5	<0.1	<2	0.04
106526	Drill Core	2.46	<0.005	0.8	8.0	57.6	70	0.5	0.7	0.2	45	0.84	171.3	2.1	11.5	4	0.2	45.2	<0.1	<2	0.03
106527	Drill Core	2.43	<0.005	2.0	7.3	40.5	50	0.5	0.7	0.3	80	0.77	333.8	2.7	9.8	7	0.3	11.4	<0.1	<2	0.03
106528	Drill Core	1.73	<0.005	3.5	4.1	32.2	26	0.5	0.4	0.2	45	0.45	194.5	1.9	11.8	6	0.1	8.6	0.1	<2	0.01
106529	Drill Core	1.74	<0.005	2.1	7.8	30.3	26	0.5	0.4	0.2	41	0.73	737.9	3.8	10.7	9	0.6	7.8	0.1	<2	0.01
106530	Drill Core	2.16	0.017	0.4	19.5	81.5	50	5.8	0.5	0.2	61	2.05	2801	16.2	4.5	73	0.6	15.2	1.1	15	0.02

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: June 21, 2011

CERTIFICATE OF ANALYSIS WHI11000191.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t
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	0.9
106501	Drill Core	0.005	11	4	0.02	59	<0.001	4	0.35	0.003	0.25	<0.1	0.28	0.7	0.8	0.09	1	<0.5	<0.2	7.7
106502	Drill Core	0.004	11	3	0.02	364	<0.001	6	0.40	0.003	0.32	<0.1	0.09	0.5	0.9	0.10	1	<0.5	<0.2	
106503	Drill Core	0.005	10	2	0.02	211	<0.001	5	0.40	0.002	0.34	<0.1	0.05	0.7	0.7	0.09	1	<0.5	<0.2	
106504	Drill Core	0.007	11	2	0.02	233	<0.001	5	0.41	0.002	0.30	<0.1	0.05	0.6	0.5	0.05	1	<0.5	<0.2	
106505	Drill Core	0.007	11	1	0.02	255	<0.001	5	0.36	0.002	0.27	<0.1	0.05	0.5	0.4	0.05	<1	<0.5	<0.2	
106506	Drill Core	0.007	16	2	0.02	157	<0.001	6	0.45	0.002	0.30	<0.1	0.07	0.5	0.4	<0.05	<1	<0.5	<0.2	
106507	Drill Core	0.006	8	2	0.02	425	<0.001	4	0.40	0.002	0.26	<0.1	0.04	0.4	0.4	<0.05	<1	<0.5	<0.2	
106508	Drill Core	0.004	12	2	0.02	660	<0.001	5	0.37	0.002	0.30	0.6	0.04	0.5	0.5	0.06	<1	<0.5	<0.2	
106509	Drill Core	0.006	12	1	0.02	104	<0.001	5	0.33	0.002	0.29	<0.1	0.05	0.3	0.6	0.09	<1	<0.5	<0.2	
106510	Drill Core	0.006	11	3	0.02	260	<0.001	4	0.48	0.002	0.35	<0.1	0.02	0.6	0.3	<0.05	<1	<0.5	<0.2	
106511	Drill Core	0.006	10	2	0.02	301	<0.001	4	0.38	0.002	0.30	<0.1	0.03	0.4	0.3	<0.05	<1	<0.5	<0.2	
106512	Drill Core	0.004	11	1	0.02	273	<0.001	5	0.41	0.002	0.26	<0.1	0.02	0.5	0.3	<0.05	<1	<0.5	<0.2	
106513	Drill Core	0.006	11	2	0.03	555	<0.001	6	0.45	0.002	0.33	<0.1	0.02	0.6	0.3	<0.05	<1	<0.5	<0.2	
106514	Drill Core	0.004	8	1	0.03	162	<0.001	3	0.37	0.002	0.22	0.2	<0.01	0.3	0.2	<0.05	<1	<0.5	<0.2	
106515	Rock	0.013	<1	<1	10.70	11	<0.001	<1	0.02	<0.001	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2	
106516	Drill Core	0.007	5	5	0.14	92	0.007	<1	0.91	0.014	0.19	0.1	<0.01	1.6	0.3	<0.05	3	<0.5	<0.2	
106517	Drill Core	0.055	12	26	0.67	96	0.065	<1	1.57	0.059	0.43	0.2	0.01	2.9	0.6	0.30	8	<0.5	<0.2	
106518	Drill Core	0.042	4	6	0.30	194	0.002	1	0.63	0.047	0.18	<0.1	<0.01	0.6	0.1	0.13	4	<0.5	<0.2	
106519	Drill Core	0.026	6	4	0.07	113	<0.001	2	0.49	0.014	0.20	<0.1	0.05	1.0	0.2	0.20	2	<0.5	<0.2	
106520	Drill Core	0.041	7	36	0.62	78	0.070	1	1.12	0.046	0.36	<0.1	<0.01	3.6	0.3	0.20	5	<0.5	<0.2	
106521	Drill Core	0.094	16	49	1.59	230	0.329	1	2.52	0.086	1.53	0.2	<0.01	12.8	0.8	0.74	11	2.1	<0.2	
106522	Drill Core	0.060	18	73	1.52	267	0.258	<1	2.55	0.080	1.25	0.2	<0.01	10.0	0.6	0.45	11	1.6	<0.2	
106523	Drill Core	0.052	11	41	1.11	155	0.201	<1	1.66	0.096	0.89	0.1	<0.01	6.8	0.4	0.43	8	0.8	<0.2	
106524	Drill Core	0.053	17	65	1.44	107	0.191	1	1.98	0.089	1.11	0.1	<0.01	8.9	0.6	0.80	9	1.9	<0.2	
106525	Drill Core	0.017	14	<1	0.02	636	<0.001	2	0.38	0.002	0.26	0.2	0.07	0.4	0.4	<0.05	<1	<0.5	<0.2	
106526	Drill Core	0.011	11	2	0.03	92	<0.001	3	0.38	0.002	0.26	0.1	0.03	0.3	0.2	<0.05	<1	<0.5	<0.2	
106527	Drill Core	0.011	7	1	0.02	65	<0.001	4	0.36	0.002	0.29	<0.1	0.03	0.3	0.2	0.10	<1	<0.5	<0.2	
106528	Drill Core	0.012	6	2	0.02	61	<0.001	4	0.36	0.005	0.27	<0.1	0.02	0.4	0.3	0.08	<1	<0.5	<0.2	
106529	Drill Core	0.025	6	2	0.02	69	<0.001	4	0.39	0.002	0.28	<0.1	0.03	0.5	0.4	0.09	<1	<0.5	<0.2	
106530	Drill Core	0.042	13	3	0.02	197	<0.001	5	0.58	0.005	0.53	<0.1	0.17	6.4	1.4	0.45	2	0.6	<0.2	

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CERTIFICATE OF ANALYSIS WHI11000191.1

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
106531	Drill Core	0.97	0.075	0.6	44.4	59.7	111	7.5	0.9	0.4	56	3.19	2153	83.3	2.4	22	2.4	23.2	0.3	9	0.02
106532	Drill Core	0.60	0.051	0.3	21.2	31.1	69	4.8	0.5	0.2	47	2.21	771.2	61.5	2.3	28	1.5	10.1	0.2	6	0.02
106533	Drill Core	0.90	0.051	0.8	20.7	68.4	63	4.0	0.6	0.3	37	3.04	927.9	59.7	6.8	49	1.2	13.1	0.5	14	0.03
106534	Drill Core	1.01	0.120	1.3	31.2	552.5	112	8.1	0.5	0.2	39	1.05	558.4	139.3	10.6	28	2.2	19.7	0.2	11	0.06
106535	Drill Core	0.48	0.115	1.4	29.9	651.8	109	4.9	0.6	0.2	38	1.16	523.3	130.7	10.8	39	2.0	18.1	0.1	11	0.06
106536	Drill Core	2.50	<0.005	0.5	10.0	3.7	255	<0.1	0.8	0.6	29	1.05	377.7	3.1	8.7	4	1.1	5.6	0.4	<2	0.05
106537	Drill Core	1.00	<0.005	0.7	36.7	4.9	360	0.2	2.0	2.9	158	1.36	261.3	4.9	9.7	4	2.2	22.9	0.3	<2	0.06
106538	Drill Core	2.59	0.006	0.5	42.7	5.6	1157	0.1	2.9	7.3	1010	2.23	101.7	8.4	7.0	7	17.1	7.7	0.5	4	0.29
106539	Drill Core	2.07	0.011	1.1	34.1	15.0	1103	0.4	3.0	7.0	285	3.60	394.1	15.2	4.1	15	2.3	20.4	0.4	3	0.12
106540	Drill Core	1.93	0.202	0.7	81.3	921.9	847	80.2	2.8	3.9	223	2.70	793.1	244.7	3.0	11	6.3	91.3	0.3	5	0.14
106541	Drill Core	2.03	<0.005	0.5	25.0	12.8	558	0.8	2.2	3.8	81	1.65	233.2	3.9	2.9	11	1.5	16.7	0.1	9	0.17
106542	Drill Core	1.12	0.052	0.8	19.9	5.6	1398	<0.1	19.4	21.6	1183	4.55	163.6	49.6	4.6	50	2.7	15.7	0.4	87	0.89
106543	Drill Core	1.25	0.218	1.1	26.5	15.8	1877	0.1	31.8	32.9	3407	5.71	386.8	132.2	6.3	46	9.2	17.5	0.8	148	1.78
106544	Drill Core	2.42	0.314	5.4	11.3	46.4	823	3.0	14.6	15.6	722	3.87	422.7	306.4	4.0	50	2.7	20.9	1.1	109	1.40
106545	Rock Pulp	0.14	0.369	10.7	148.0	7.8	54	0.2	30.1	38.8	534	3.30	1399	377.2	3.2	80	0.1	2.1	4.4	79	1.51
106546	Drill Core	1.54	0.464	0.6	1.7	2.9	447	0.1	12.2	11.7	729	3.81	125.4	461.7	4.7	55	0.7	9.4	3.6	146	1.93
106547	Drill Core	2.06	0.088	0.4	6.4	3.8	518	<0.1	15.1	16.2	929	3.59	35.0	90.2	4.2	145	1.3	7.7	0.5	116	1.58
106548	Drill Core	2.12	0.008	0.1	2.9	4.0	300	<0.1	6.2	15.9	724	2.93	4.1	14.9	4.2	35	1.1	5.0	0.6	85	0.94
106549	Drill Core	2.28	0.013	0.1	6.9	4.4	290	<0.1	5.6	12.0	874	3.03	27.2	7.3	4.6	44	1.1	9.0	0.4	58	1.31
106550	Drill Core	1.35	0.013	0.2	32.3	3.0	296	<0.1	7.7	15.6	791	2.53	81.6	9.1	4.8	24	0.5	10.4	0.3	36	0.90
106551	Drill Core	1.45	0.006	<0.1	12.9	2.0	228	<0.1	3.2	5.4	398	1.46	38.4	4.5	4.5	20	0.4	8.8	0.1	3	0.71
106552	Drill Core	1.67	<0.005	0.3	3.4	3.3	161	<0.1	2.3	2.7	471	0.91	118.4	<0.5	4.6	20	0.3	4.5	<0.1	3	0.88
106553	Drill Core	1.86	0.049	0.3	12.1	2.6	196	<0.1	5.3	6.8	995	1.58	34.0	20.1	5.2	34	0.2	9.3	0.3	13	1.61
106554	Drill Core	1.93	0.280	0.7	5.1	9.4	188	0.4	6.6	8.5	1391	2.42	728.0	224.7	4.4	53	0.3	16.9	0.2	21	2.42
106555	Rock	0.82	<0.005	<0.1	4.1	1.0	12	<0.1	2.2	0.7	240	0.42	5.3	<0.5	<0.1	36	<0.1	0.1	<0.1	<2	19.48
106556	Drill Core	2.71	0.343	0.5	21.0	4.7	102	0.5	1.7	5.9	485	1.32	199.4	108.8	4.1	36	0.2	8.4	0.4	6	1.59
106557	Drill Core	1.95	0.083	0.4	5.5	3.6	65	<0.1	8.9	8.7	1391	3.48	10.2	48.7	4.2	30	<0.1	7.4	0.4	59	1.35
106558	Drill Core	1.77	0.191	0.5	8.9	6.2	71	0.1	18.9	15.0	1747	4.62	20.2	165.8	4.4	71	<0.1	17.8	0.9	120	2.83

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Project: Charlotte Project
Report Date: June 21, 2011

CERTIFICATE OF ANALYSIS WHI11000191.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t
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	0.9
106531	Drill Core	0.029	4	4	0.02	160	<0.001	3	0.46	0.003	0.44	0.1	0.13	1.9	0.9	0.39	1	0.6	<0.2	
106532	Drill Core	0.013	8	3	0.02	197	<0.001	3	0.45	0.007	0.50	<0.1	0.14	1.2	1.2	0.49	1	<0.5	<0.2	
106533	Drill Core	0.016	16	6	0.02	258	<0.001	4	0.55	0.007	0.69	<0.1	0.23	2.5	1.0	0.83	3	<0.5	<0.2	
106534	Drill Core	0.013	9	6	0.03	105	<0.001	2	0.50	0.004	0.30	0.5	0.08	2.4	0.4	0.18	2	<0.5	<0.2	
106535	Drill Core	0.015	8	6	0.04	119	<0.001	2	0.49	0.004	0.31	0.2	0.08	2.7	0.4	0.25	2	<0.5	<0.2	
106536	Drill Core	0.006	13	2	0.06	27	<0.001	<1	0.65	0.014	0.10	<0.1	<0.01	1.6	0.1	<0.05	1	<0.5	<0.2	
106537	Drill Core	0.008	25	3	0.08	15	<0.001	1	0.84	0.007	0.07	<0.1	0.15	3.1	<0.1	<0.05	2	0.5	<0.2	
106538	Drill Core	0.031	41	2	0.22	41	0.014	1	1.32	0.008	0.17	<0.1	0.10	6.4	0.2	0.57	3	<0.5	<0.2	
106539	Drill Core	0.063	20	<1	0.14	29	0.010	1	1.03	0.004	0.20	0.2	0.14	8.7	0.2	0.24	4	<0.5	<0.2	
106540	Drill Core	0.040	12	2	0.13	39	<0.001	1	1.04	0.028	0.13	<0.1	0.06	4.0	0.2	0.28	2	<0.5	<0.2	
106541	Drill Core	0.036	8	2	0.12	27	0.002	<1	0.80	0.061	0.06	<0.1	0.03	3.3	<0.1	0.11	2	<0.5	<0.2	
106542	Drill Core	0.070	12	57	0.97	160	0.043	<1	2.93	0.028	0.34	0.1	0.02	16.0	0.2	<0.05	7	<0.5	<0.2	
106543	Drill Core	0.105	27	83	0.87	51	0.006	1	1.95	0.007	0.19	0.2	0.11	26.0	0.2	0.06	6	<0.5	<0.2	
106544	Drill Core	0.085	12	49	0.97	107	0.034	<1	2.27	0.030	0.25	0.1	0.04	19.1	0.3	0.08	7	<0.5	0.3	
106545	Rock Pulp	0.055	7	53	0.80	129	0.152	3	1.82	0.207	0.27	0.4	<0.01	3.1	<0.1	0.12	5	2.0	0.7	
106546	Drill Core	0.079	12	83	1.33	105	0.042	<1	2.14	0.021	0.52	0.3	0.01	22.5	0.3	<0.05	8	<0.5	0.8	
106547	Drill Core	0.090	13	52	1.38	480	0.096	<1	2.34	0.040	0.51	0.2	0.02	16.6	0.3	0.08	6	<0.5	0.2	
106548	Drill Core	0.050	11	7	0.92	176	0.076	<1	1.66	0.027	0.51	<0.1	0.01	11.6	0.3	0.54	6	<0.5	<0.2	
106549	Drill Core	0.054	13	14	1.17	136	0.060	<1	1.80	0.013	0.61	<0.1	0.02	7.6	0.2	0.31	5	<0.5	<0.2	
106550	Drill Core	0.045	12	14	0.79	66	0.024	<1	1.54	0.007	0.36	<0.1	0.09	6.4	0.2	0.29	4	<0.5	<0.2	
106551	Drill Core	0.013	16	2	0.41	16	0.003	<1	1.05	0.009	0.10	<0.1	0.02	1.8	<0.1	0.09	3	<0.5	<0.2	
106552	Drill Core	0.015	11	2	0.31	8	<0.001	1	0.57	0.002	0.09	<0.1	0.09	1.5	0.2	0.18	1	<0.5	<0.2	
106553	Drill Core	0.031	16	4	0.57	8	<0.001	1	0.73	0.002	0.09	<0.1	0.04	4.5	0.4	0.12	2	<0.5	<0.2	
106554	Drill Core	0.041	13	4	0.81	10	<0.001	<1	0.65	0.002	0.10	0.1	0.13	6.1	1.2	0.90	2	<0.5	<0.2	
106555	Rock	0.012	<1	1	9.40	16	<0.001	<1	0.03	0.001	0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2	
106556	Drill Core	0.015	11	3	0.63	13	0.002	<1	0.68	0.018	0.13	0.1	0.09	1.3	0.1	0.18	2	<0.5	<0.2	
106557	Drill Core	0.041	11	29	0.70	20	0.002	<1	1.10	0.013	0.11	0.2	0.10	9.8	<0.1	0.10	2	<0.5	<0.2	
106558	Drill Core	0.091	13	59	1.22	68	0.012	<1	1.92	0.007	0.25	0.2	0.09	19.0	0.2	0.23	5	<0.5	0.2	

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: June 21, 2011

QUALITY CONTROL REPORT WHI11000191.1

	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																					
106512	Drill Core	2.08	0.008	0.9	13.7	61.9	76	1.9	0.4	0.3	61	0.28	134.7	9.3	11.5	8	3.1	2.6	<0.1	<2	0.04
REP 106512	QC		<0.005																		
106537	Drill Core	1.00	<0.005	0.7	36.7	4.9	360	0.2	2.0	2.9	158	1.36	261.3	4.9	9.7	4	2.2	22.9	0.3	<2	0.06
REP 106537	QC		<0.005																		
106544	Drill Core	2.42	0.314	5.4	11.3	46.4	823	3.0	14.6	15.6	722	3.87	422.7	306.4	4.0	50	2.7	20.9	1.1	109	1.40
REP 106544	QC			5.2	10.9	45.3	817	3.1	15.3	15.7	734	3.90	417.9	307.7	3.9	50	2.6	20.9	1.0	109	1.41
106557	Drill Core	1.95	0.083	0.4	5.5	3.6	65	<0.1	8.9	8.7	1391	3.48	10.2	48.7	4.2	30	<0.1	7.4	0.4	59	1.35
REP 106557	QC			0.4	5.9	4.1	72	<0.1	9.9	9.2	1481	3.74	11.1	48.0	4.1	32	<0.1	8.0	0.5	63	1.49
Core Reject Duplicates																					
106520	Drill Core	1.11	<0.005	0.6	30.8	7.8	461	<0.1	14.1	6.3	629	1.85	32.8	0.7	3.1	16	4.8	1.6	0.2	50	0.19
DUP 106520	QC		0.005	1.0	32.5	8.2	483	<0.1	15.6	6.7	659	1.91	32.7	2.1	3.2	18	5.4	1.8	0.2	52	0.20
106555	Rock	0.82	<0.005	<0.1	4.1	1.0	12	<0.1	2.2	0.7	240	0.42	5.3	<0.5	<0.1	36	<0.1	0.1	<0.1	<2	19.48
DUP 106555	QC		<0.005	<0.1	3.0	0.9	12	<0.1	2.2	0.8	229	0.40	5.7	<0.5	<0.1	35	<0.1	0.1	<0.1	<2	18.69
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			14.2	111.5	130.9	342	1.9	41.9	8.8	662	2.59	26.6	115.5	6.5	64	2.6	5.2	6.4	42	0.74
STD DS8	Standard			14.7	109.9	120.9	330	1.9	42.8	8.8	644	2.56	27.6	110.9	6.5	66	2.3	5.4	6.6	42	0.75
STD DS8	Standard			11.7	101.9	103.3	294	1.7	34.3	6.6	571	2.27	24.9	95.9	5.7	60	2.4	5.2	5.8	35	0.65
STD DS8	Standard			11.6	107.3	104.4	290	1.6	36.2	6.9	592	2.33	24.1	121.7	5.6	61	2.3	5.1	5.7	37	0.68
STD DS8	Standard			14.4	114.9	125.5	312	1.7	40.6	7.8	607	2.40	23.9	117.1	7.3	64	2.0	5.6	6.7	40	0.72
STD DS8	Standard			14.2	118.5	121.6	323	1.8	41.2	8.2	634	2.50	25.5	114.6	7.1	66	2.1	5.5	6.4	40	0.74
STD DS8	Standard			14.2	118.2	124.3	322	1.8	42.3	8.2	620	2.47	25.8	112.5	6.9	64	2.2	5.7	6.9	41	0.72
STD DS8	Standard			14.4	121.9	129.3	325	1.8	41.2	8.0	631	2.50	27.2	115.9	7.3	64	2.2	6.0	6.7	41	0.74
STD OXH82	Standard		1.339																		
STD OXH82	Standard		1.287																		
STD OXK79	Standard		3.704																		

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Project: Charlotte Project
Report Date: June 21, 2011

QUALITY CONTROL REPORT WHI11000191.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t
	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	0.9
Pulp Duplicates																				
106512	Drill Core	0.004	11	1	0.02	273	<0.001	5	0.41	0.002	0.26	<0.1	0.02	0.5	0.3	<0.05	<1	<0.5	<0.2	
REP 106512	QC																			
106537	Drill Core	0.008	25	3	0.08	15	<0.001	1	0.84	0.007	0.07	<0.1	0.15	3.1	<0.1	<0.05	2	0.5	<0.2	
REP 106537	QC																			
106544	Drill Core	0.085	12	49	0.97	107	0.034	<1	2.27	0.030	0.25	0.1	0.04	19.1	0.3	0.08	7	<0.5	0.3	
REP 106544	QC	0.082	12	48	0.96	106	0.033	<1	2.26	0.030	0.24	0.1	0.04	19.1	0.3	0.08	7	<0.5	0.4	
106557	Drill Core	0.041	11	29	0.70	20	0.002	<1	1.10	0.013	0.11	0.2	0.10	9.8	<0.1	0.10	2	<0.5	<0.2	
REP 106557	QC	0.044	12	30	0.76	22	0.003	<1	1.19	0.014	0.12	0.2	0.10	10.3	<0.1	0.11	3	<0.5	<0.2	
Core Reject Duplicates																				
106520	Drill Core	0.041	7	36	0.62	78	0.070	1	1.12	0.046	0.36	<0.1	<0.01	3.6	0.3	0.20	5	<0.5	<0.2	
DUP 106520	QC	0.044	7	43	0.66	84	0.074	<1	1.20	0.047	0.39	0.1	<0.01	4.0	0.3	0.20	6	<0.5	<0.2	
106555	Rock	0.012	<1	1	9.40	16	<0.001	<1	0.03	0.001	0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2	
DUP 106555	QC	0.012	<1	1	8.91	15	<0.001	<1	0.03	0.002	0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	
Reference Materials																				
STD AGPROOF	Standard																			<0.9
STD CDN-ME-3	Standard																			9.9
STD CDN-ME-3	Standard																			9.8
STD DS8	Standard	0.080	14	133	0.64	278	0.114	3	0.97	0.092	0.43	3.1	0.21	2.0	5.8	0.16	5	6.2	5.3	
STD DS8	Standard	0.080	15	127	0.64	291	0.113	2	0.98	0.092	0.44	3.0	0.21	2.0	5.4	0.16	5	5.8	5.4	
STD DS8	Standard	0.070	13	109	0.56	263	0.110	3	0.84	0.080	0.39	2.6	0.18	1.8	4.8	0.15	4	4.8	4.6	
STD DS8	Standard	0.071	13	110	0.59	263	0.110	2	0.89	0.085	0.38	2.6	0.18	1.8	4.6	0.16	4	4.7	4.6	
STD DS8	Standard	0.076	16	121	0.62	272	0.131	2	0.92	0.089	0.40	3.1	0.20	2.2	5.2	0.15	4	5.0	4.8	
STD DS8	Standard	0.077	16	126	0.63	275	0.139	3	0.96	0.092	0.42	2.9	0.20	2.4	5.2	0.16	5	5.4	5.2	
STD DS8	Standard	0.078	14	125	0.62	274	0.126	3	0.95	0.095	0.41	2.9	0.21	2.0	5.5	0.16	5	5.2	5.1	
STD DS8	Standard	0.079	15	126	0.63	276	0.131	2	0.97	0.098	0.42	3.2	0.24	2.2	5.8	0.16	5	5.0	5.3	
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			

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QUALITY CONTROL REPORT WHI11000191.1

		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 OXK79	Standard		3.526																		
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 CDN-ME-3 Expected																					
STD AGPROOF Expected																					
BLK	Blank		<0.005																		
BLK	Blank		0.066																		
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			<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	25.3	3.7	50	<0.1	4.1	4.6	587	1.96	0.7	<0.5	5.3	62	<0.1	<0.1	<0.1	36	0.52
G1	Prep Blank		<0.005	0.1	2.6	3.3	53	<0.1	3.8	5.0	590	1.97	0.7	<0.5	5.4	55	<0.1	<0.1	<0.1	37	0.57

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

Project: Charlotte Project
Report Date: June 21, 2011

QUALITY CONTROL REPORT WHI11000191.1

		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	G6Gr Au gm/t 0.9
STD OXK79	Standard																			
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 CDN-ME-3 Expected																				9.77
STD AGPROOF Expected																				0
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			<0.9
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	<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																			<0.9
BLK	Blank																			<0.9
Prep Wash																				
G1	Prep Blank	0.074	11	12	0.58	211	0.122	<1	1.03	0.091	0.49	0.8	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.086	10	13	0.62	221	0.122	<1	1.01	0.078	0.52	<0.1	<0.01	1.8	0.3	<0.05	6	<0.5	<0.2	

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Submitted By: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: June 16, 2011
Report Date: June 30, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS WHI11000234.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-02
P.O. Number
Number of Samples: 167

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	162	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	167	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	167	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	3	Lead collection fire assay 30G fusion - Grav finish	30	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

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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

Project: Charlotte Project
Report Date: June 30, 2011

CERTIFICATE OF ANALYSIS WHI11000234.1

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
1064559	Drill Core	1.29	0.485	0.7	13.1	91.7	289	5.3	15.2	14.7	1783	3.95	1451	475.5	4.1	100	3.1	23.4	0.5	106	3.83
1064560	Drill Core	1.30	0.027	1.6	17.2	5.7	68	0.2	11.1	23.5	2271	4.27	46.9	64.5	2.2	93	0.1	6.9	0.3	100	3.83
1064561	Drill Core	1.82	0.008	0.2	10.5	4.7	89	0.2	12.3	15.7	1183	4.08	5.1	17.0	2.0	73	<0.1	5.0	0.1	129	2.89
1064562	Drill Core	1.55	<0.005	0.4	9.8	4.3	63	<0.1	15.8	11.6	720	2.91	4.9	8.0	2.9	44	<0.1	4.1	0.2	91	1.91
1064563	Drill Core	2.36	<0.005	0.3	54.9	18.4	136	0.3	10.8	11.6	530	2.53	14.9	6.9	4.1	31	0.4	11.6	0.4	38	1.23
1064564	Drill Core	2.28	<0.005	0.6	44.2	4.3	64	0.1	8.4	9.9	506	2.91	17.8	5.0	3.6	20	<0.1	10.5	0.4	23	0.69
1064565	Drill Core	2.03	0.011	0.2	22.8	5.1	55	0.1	7.0	5.5	896	2.54	35.8	10.3	3.1	43	0.1	14.6	0.2	16	1.90
1064566	Drill Core	2.33	0.007	0.8	61.1	6.7	55	0.2	5.5	10.8	644	2.38	56.9	4.9	3.9	17	<0.1	36.6	0.6	12	0.74
1064567	Drill Core	1.87	0.006	0.3	65.7	6.5	43	0.1	4.1	12.9	492	2.66	35.5	2.9	3.4	32	0.1	19.8	0.6	9	0.92
1064568	Drill Core	1.61	<0.005	0.3	30.5	3.8	72	<0.1	104.6	18.5	1371	4.00	29.4	1.7	2.7	77	<0.1	12.0	0.3	46	2.67
1064569	Drill Core	2.29	0.005	0.5	62.3	4.1	50	0.1	18.5	10.0	497	3.39	39.1	4.9	2.8	42	<0.1	12.9	0.4	8	0.85
1064570	Drill Core	2.05	0.006	0.2	29.6	4.3	31	0.3	0.7	5.8	267	2.07	14.5	1.7	3.3	56	<0.1	6.9	0.4	11	0.55
1064571	Drill Core	2.11	<0.005	1.3	22.4	4.4	47	<0.1	0.7	6.4	317	1.93	7.0	2.2	3.0	41	<0.1	6.8	0.2	10	0.47
1064572	Drill Core	2.11	0.007	0.1	14.6	4.2	43	0.1	0.9	3.4	350	1.94	4.7	2.1	2.5	76	<0.1	5.8	0.1	16	0.73
1064573	Drill Core	2.11	<0.005	0.6	11.1	3.7	46	<0.1	0.7	4.1	322	2.10	4.7	2.2	2.8	34	<0.1	4.3	0.1	14	0.46
1064574	Drill Core	1.72	<0.005	0.2	16.8	4.2	44	0.1	0.4	4.7	382	2.53	19.3	0.7	2.9	49	<0.1	6.1	0.2	13	0.87
1064575	Drill Core	1.31	<0.005	0.2	16.1	4.0	47	<0.1	0.5	4.6	368	2.57	13.7	1.5	3.2	54	<0.1	5.5	0.2	20	0.79
1064576	Drill Core	0.61	<0.005	0.2	17.9	4.3	142	<0.1	0.6	4.6	456	2.37	8.6	1.2	3.6	34	0.1	4.7	0.2	11	0.70
1064577	Drill Core	1.74	<0.005	0.2	38.2	3.4	94	0.1	0.2	6.4	767	3.12	4.3	2.9	2.9	31	<0.1	5.1	0.4	9	1.12
1064578	Drill Core	2.14	0.005	0.1	22.1	3.9	53	0.1	0.1	5.6	719	2.81	4.1	4.1	3.1	27	<0.1	6.3	0.3	10	0.85
1064579	Drill Core	2.64	<0.005	0.3	45.9	2.6	48	0.2	0.3	3.5	621	3.00	4.7	7.5	3.2	16	<0.1	10.0	0.1	8	0.60
1064580	Drill Core	1.51	0.022	0.2	28.2	6.9	67	0.2	1.6	7.5	1480	2.84	78.9	21.1	2.7	29	0.1	9.4	0.3	13	1.35
1064581	Drill Core	2.47	0.008	0.3	74.2	2.9	211	0.4	1.0	7.8	833	2.87	7.0	7.9	3.5	49	1.1	9.6	0.2	32	1.47
1064582	Drill Core	1.90	<0.005	0.6	49.2	3.1	169	0.2	1.2	6.8	769	2.90	3.9	3.7	3.2	31	0.3	1.8	0.1	30	0.86
1064583	Drill Core	2.20	<0.005	0.2	24.6	5.2	95	0.1	0.5	3.3	717	1.93	8.6	4.1	3.1	37	0.3	4.4	0.2	8	1.27
1064584	Drill Core	1.74	<0.005	0.1	5.1	5.0	27	<0.1	0.3	1.4	263	0.86	2.1	1.0	0.7	24	0.2	2.0	0.1	8	0.65
1064585	Rock Pulp	0.14	1.310	261.8	1631	131.9	178	80.7	10.2	9.7	772	3.08	80.8	1715	0.6	88	0.9	176.0	7.5	28	1.89
1064586	Drill Core	2.58	0.007	0.3	12.8	5.2	118	0.1	0.7	5.4	629	2.42	3.3	3.8	2.9	28	0.4	2.6	0.3	23	0.92
1064587	Drill Core	2.20	0.006	0.6	12.7	7.9	72	<0.1	1.1	5.6	687	2.38	5.2	4.7	4.7	23	<0.1	7.1	0.3	28	0.80
1064588	Drill Core	2.56	<0.005	0.7	14.4	5.3	80	<0.1	0.6	3.5	553	1.82	5.0	3.0	4.8	22	0.1	1.9	0.2	19	0.70

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

Project: Charlotte Project
Report Date: June 30, 2011

CERTIFICATE OF ANALYSIS WHI11000234.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
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	0.9	0.001
1064559	Drill Core	0.099	16	44	1.52	72	0.018	<1	1.57	0.007	0.32	0.3	0.02	17.0	0.2	0.47	5	<0.5	0.2		
1064560	Drill Core	0.071	13	18	2.32	175	0.064	<1	2.17	0.006	0.92	<0.1	0.02	12.7	0.4	0.27	6	<0.5	<0.2		
1064561	Drill Core	0.058	7	32	2.51	282	0.110	<1	2.93	0.027	1.09	0.1	0.01	12.5	0.4	0.09	8	<0.5	<0.2		
1064562	Drill Core	0.150	6	44	1.33	201	0.066	2	1.72	0.064	0.37	0.1	0.01	12.1	0.1	0.09	5	<0.5	<0.2		
1064563	Drill Core	0.079	15	20	0.92	125	0.059	2	1.29	0.045	0.37	<0.1	0.02	9.3	0.2	0.39	5	<0.5	<0.2		
1064564	Drill Core	0.069	10	34	0.86	84	0.064	<1	1.32	0.029	0.45	<0.1	0.03	8.8	0.4	0.48	5	<0.5	<0.2		
1064565	Drill Core	0.055	11	19	0.74	14	0.001	<1	0.66	0.034	0.06	<0.1	0.01	6.0	0.1	0.49	2	<0.5	<0.2		
1064566	Drill Core	0.071	12	11	0.33	9	<0.001	<1	0.70	0.038	0.07	0.1	0.03	7.4	1.2	0.69	2	<0.5	<0.2		
1064567	Drill Core	0.057	10	6	0.50	42	0.004	1	1.05	0.034	0.12	<0.1	0.02	5.2	0.7	0.74	3	<0.5	<0.2		
1064568	Drill Core	0.077	11	340	1.54	61	0.032	1	1.91	0.011	0.48	<0.1	0.03	14.7	0.6	0.38	6	<0.5	<0.2		
1064569	Drill Core	0.060	8	13	0.51	74	0.052	<1	1.07	0.050	0.17	0.1	0.02	6.7	0.4	0.67	5	<0.5	<0.2		
1064570	Drill Core	0.036	6	2	0.37	121	0.027	<1	0.83	0.068	0.13	<0.1	0.01	3.3	0.3	0.49	4	<0.5	<0.2		
1064571	Drill Core	0.044	7	1	0.47	96	0.041	<1	0.98	0.054	0.22	<0.1	0.02	5.0	0.1	0.28	4	<0.5	<0.2		
1064572	Drill Core	0.034	8	2	0.55	214	0.050	1	1.08	0.060	0.26	0.1	0.05	4.1	0.1	0.19	4	<0.5	<0.2		
1064573	Drill Core	0.043	7	1	0.51	124	0.062	<1	1.05	0.056	0.34	<0.1	<0.01	5.4	0.1	0.19	5	<0.5	<0.2		
1064574	Drill Core	0.055	8	1	0.48	145	0.038	1	1.10	0.052	0.24	<0.1	<0.01	6.0	0.3	0.29	5	<0.5	<0.2		
1064575	Drill Core	0.056	8	1	0.53	170	0.041	1	1.12	0.048	0.28	<0.1	<0.01	6.2	0.3	0.26	5	<0.5	<0.2		
1064576	Drill Core	0.050	7	1	0.45	84	0.026	<1	0.98	0.057	0.15	<0.1	<0.01	4.7	0.2	0.25	5	<0.5	<0.2		
1064577	Drill Core	0.051	10	<1	0.91	83	0.100	<1	1.32	0.065	0.48	<0.1	<0.01	6.8	0.2	0.43	7	<0.5	<0.2		
1064578	Drill Core	0.044	11	<1	0.75	65	0.076	<1	1.07	0.061	0.39	<0.1	<0.01	6.9	0.2	0.28	6	<0.5	<0.2		
1064579	Drill Core	0.053	11	<1	0.49	52	0.048	<1	0.75	0.046	0.27	0.2	0.02	7.2	0.1	0.11	4	<0.5	<0.2		
1064580	Drill Core	0.048	8	1	0.52	22	0.005	<1	0.55	0.026	0.14	0.1	0.16	5.0	0.2	1.07	2	<0.5	<0.2		
1064581	Drill Core	0.063	14	6	0.90	162	0.100	<1	1.12	0.047	0.61	<0.1	0.04	9.3	0.2	0.37	5	<0.5	<0.2		
1064582	Drill Core	0.058	13	6	1.04	114	0.121	<1	1.33	0.064	0.66	<0.1	0.01	8.1	0.3	0.31	7	<0.5	<0.2		
1064583	Drill Core	0.041	14	<1	0.45	43	0.023	<1	0.59	0.062	0.12	<0.1	<0.01	5.6	<0.1	0.30	3	<0.5	<0.2		
1064584	Drill Core	0.020	2	<1	0.24	42	0.015	<1	0.42	0.065	0.10	<0.1	<0.01	1.5	<0.1	0.09	2	<0.5	<0.2		
1064585	Rock Pulp	0.056	3	17	0.77	104	0.086	1	1.23	0.089	0.18	2.2	0.73	1.3	<0.1	0.26	3	1.2	1.4		0.174
1064586	Drill Core	0.061	8	5	0.65	98	0.099	<1	0.88	0.071	0.37	0.2	<0.01	6.4	0.2	0.61	4	<0.5	<0.2		
1064587	Drill Core	0.054	14	2	0.57	92	0.066	<1	0.92	0.037	0.41	<0.1	0.04	5.6	0.2	0.68	4	<0.5	<0.2		
1064588	Drill Core	0.025	8	1	0.46	67	0.046	<1	0.60	0.050	0.24	<0.1	0.01	3.2	<0.1	0.57	3	<0.5	<0.2		

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: June 30, 2011

CERTIFICATE OF ANALYSIS WHI11000234.1

	Method	7TD	7TD
	Analyte	Zn	Ag
	Unit	%	gm/t
	MDL	0.01	2
1064559	Drill Core		
1064560	Drill Core		
1064561	Drill Core		
1064562	Drill Core		
1064563	Drill Core		
1064564	Drill Core		
1064565	Drill Core		
1064566	Drill Core		
1064567	Drill Core		
1064568	Drill Core		
1064569	Drill Core		
1064570	Drill Core		
1064571	Drill Core		
1064572	Drill Core		
1064573	Drill Core		
1064574	Drill Core		
1064575	Drill Core		
1064576	Drill Core		
1064577	Drill Core		
1064578	Drill Core		
1064579	Drill Core		
1064580	Drill Core		
1064581	Drill Core		
1064582	Drill Core		
1064583	Drill Core		
1064584	Drill Core		
1064585	Rock Pulp	0.02	103
1064586	Drill Core		
1064587	Drill Core		
1064588	Drill Core		

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Project: Charlotte Project
Report Date: June 30, 2011

CERTIFICATE OF ANALYSIS WHI11000234.1

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
1064589	Drill Core	1.77	0.030	0.5	13.9	22.0	103	0.5	0.9	7.9	1162	2.53	331.3	32.9	3.8	42	0.2	12.0	0.3	10	1.88
1064590	Drill Core	1.08	0.159	0.2	22.2	110.1	156	1.2	0.4	5.4	849	1.98	2344	159.9	2.5	26	1.0	28.8	0.4	<2	1.09
1064591	Drill Core	1.66	0.060	0.1	27.4	14.1	485	0.3	0.6	5.8	845	1.89	139.4	64.0	2.9	38	0.5	12.5	0.7	7	1.04
1064592	Drill Core	2.75	0.012	0.2	29.3	6.2	158	0.1	0.4	6.7	851	3.00	25.8	8.9	3.1	35	<0.1	15.8	0.3	8	0.93
1064593	Drill Core	2.07	0.009	0.2	24.6	15.3	174	0.2	0.5	5.3	951	2.87	31.6	10.0	3.2	42	0.3	18.2	0.2	8	1.06
1064594	Drill Core	1.06	0.007	0.1	33.3	2.7	461	<0.1	0.4	5.6	843	2.97	9.5	8.0	3.2	19	<0.1	9.3	0.3	16	0.33
1064595	Rock	1.16	<0.005	<0.1	2.9	1.2	14	<0.1	1.6	0.7	185	0.37	3.1	<0.5	<0.1	36	<0.1	<0.1	<0.1	<2	17.56
1064596	Drill Core	1.27	0.391	0.9	7.5	60.9	519	0.5	14.8	16.6	1552	2.66	1718	383.7	2.0	72	1.1	16.4	0.4	52	2.04
1064597	Drill Core	2.45	<0.005	0.1	5.4	2.5	69	<0.1	10.6	12.2	722	2.86	3.7	2.9	1.3	64	<0.1	8.4	0.7	57	1.95
1064598	Drill Core	0.87	<0.005	0.4	7.1	2.8	40	<0.1	19.7	13.9	489	2.45	9.2	1.5	2.0	58	<0.1	11.0	0.6	56	1.73
1064599	Drill Core	2.35	<0.005	1.0	8.4	2.1	43	<0.1	12.4	12.3	621	2.80	2.1	2.6	2.1	210	<0.1	3.8	0.7	68	1.88
1064600	Drill Core	2.36	<0.005	3.7	4.1	2.5	38	<0.1	9.1	12.6	554	2.49	2.0	1.0	1.3	54	<0.1	1.9	0.5	68	1.60
1064601	Drill Core	1.58	0.006	1.3	4.2	2.7	48	<0.1	10.6	18.2	777	3.22	6.7	2.8	1.4	98	<0.1	4.4	0.5	78	1.98
1064602	Drill Core	1.55	<0.005	0.9	3.2	3.3	29	<0.1	5.8	4.3	252	1.34	1.5	<0.5	2.3	46	<0.1	1.4	0.2	26	0.84
1064603	Drill Core	1.76	<0.005	<0.1	5.6	7.1	20	<0.1	2.0	4.9	185	1.55	2.0	<0.5	2.5	55	<0.1	2.0	0.8	14	0.69
1064604	Drill Core	5.06	0.006	0.1	8.9	1.7	36	<0.1	6.3	14.7	421	3.03	3.9	1.7	1.9	37	<0.1	1.0	<0.1	109	1.46
1064605	Rock Pulp	0.09	0.006	685.0	121.9	9.4	87	0.2	15.9	5.9	672	2.51	3.0	4.0	5.1	148	<0.1	0.4	0.6	29	1.31
1064606	Drill Core	2.49	0.018	0.3	19.5	1.4	35	0.5	7.0	14.5	372	3.50	4.8	15.0	2.6	25	<0.1	1.2	0.2	125	1.04
1064607	Drill Core	2.90	0.094	0.2	39.3	2.1	37	<0.1	8.1	18.3	389	3.16	7.8	63.6	2.0	24	<0.1	2.0	0.6	118	1.58
1064608	Drill Core	3.05	0.007	0.4	65.5	3.3	234	1.2	12.8	21.4	689	5.60	26.0	10.6	3.6	41	0.2	3.5	0.4	177	0.79
1064609	Drill Core	2.54	<0.005	0.4	34.4	2.7	180	<0.1	9.7	18.0	710	4.99	17.8	3.6	4.1	48	<0.1	2.3	0.1	168	0.91
1064610	Drill Core	3.03	<0.005	0.1	9.8	7.0	38	<0.1	6.7	9.3	1082	2.18	10.2	1.8	1.4	130	<0.1	3.0	0.1	79	2.28
1064611	Drill Core	2.10	0.006	1.0	33.2	26.1	879	0.4	15.7	22.6	4410	4.98	101.1	6.2	2.0	85	2.7	5.3	0.5	149	1.24
1064612	Drill Core	2.86	0.197	3.5	299.3	1685	3507	10.8	20.5	34.3	>10000	8.66	417.4	268.3	2.1	115	14.4	9.9	32.0	122	2.45
1064613	Drill Core	1.88	0.278	9.8	882.5	7035	8378	78.7	16.4	16.0	>10000	9.82	1266	301.2	2.8	162	49.2	29.8	240.2	70	0.43
1064614	Drill Core	1.50	0.056	2.6	42.7	960.5	1903	4.8	15.7	8.5	>10000	6.46	1892	75.0	4.1	151	12.3	10.3	28.9	20	0.27
1064615	Rock	0.83	<0.005	<0.1	3.9	3.8	15	<0.1	2.2	0.8	268	0.45	6.1	<0.5	<0.1	41	<0.1	0.3	0.1	<2	17.49
1064616	Drill Core	2.73	0.014	1.2	53.8	228.5	966	1.3	11.7	14.7	>10000	4.00	800.9	18.4	4.6	88	4.0	12.3	1.8	20	0.23
1064617	Drill Core	1.65	0.011	4.8	48.2	52.8	1142	0.6	19.0	33.0	>10000	2.07	190.0	14.3	26.6	46	16.9	9.9	0.5	4	0.15
1064618	Drill Core	3.40	<0.005	0.5	15.7	32.8	215	0.2	1.6	1.1	234	1.51	225.5	3.5	8.0	7	0.9	9.7	0.2	<2	0.09

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Project: Charlotte Project
Report Date: June 30, 2011

CERTIFICATE OF ANALYSIS WHI11000234.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
	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	0.9	0.001
1064589	Drill Core	0.034	10	1	0.52	42	0.004	2	0.53	0.036	0.15	0.1	0.04	2.5	0.6	1.66	2	<0.5	<0.2		
1064590	Drill Core	0.038	5	<1	0.32	33	<0.001	2	0.41	0.005	0.20	0.1	0.03	1.4	0.5	1.45	<1	<0.5	<0.2		
1064591	Drill Core	0.033	9	1	0.42	99	0.002	<1	0.73	0.028	0.11	0.2	0.02	2.5	0.2	0.50	2	<0.5	0.4		
1064592	Drill Core	0.051	10	<1	0.54	131	0.009	1	1.06	0.027	0.12	0.2	0.06	7.3	0.3	0.39	4	1.0	<0.2		
1064593	Drill Core	0.047	9	<1	0.67	84	0.024	2	1.53	0.033	0.23	0.1	0.08	7.3	0.2	0.28	5	0.5	<0.2		
1064594	Drill Core	0.051	10	<1	0.55	77	0.053	1	1.09	0.040	0.32	0.1	0.02	8.5	0.2	0.43	6	0.8	<0.2		
1064595	Rock	0.016	<1	<1	11.49	15	<0.001	<1	0.03	0.003	0.02	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1064596	Drill Core	0.087	5	27	0.66	106	<0.001	2	1.44	0.007	0.13	<0.1	0.13	16.4	1.2	1.32	3	0.5	<0.2		
1064597	Drill Core	0.084	5	29	1.04	100	0.047	1	1.32	0.082	0.13	0.2	<0.01	7.8	<0.1	1.09	4	<0.5	<0.2		
1064598	Drill Core	0.109	4	41	0.71	155	0.005	<1	1.59	0.015	0.08	0.4	0.01	10.7	<0.1	0.76	4	0.5	<0.2		
1064599	Drill Core	0.103	7	30	1.07	93	0.064	2	1.17	0.092	0.20	<0.1	<0.01	9.0	0.1	1.04	4	0.7	0.2		
1064600	Drill Core	0.100	5	31	1.08	145	0.084	2	1.07	0.120	0.16	<0.1	<0.01	8.0	<0.1	0.89	4	0.7	0.2		
1064601	Drill Core	0.112	5	27	1.21	55	0.069	2	1.15	0.099	0.26	<0.1	0.02	11.8	0.7	1.23	4	0.9	<0.2		
1064602	Drill Core	0.059	8	10	0.53	258	0.042	1	0.61	0.066	0.21	<0.1	<0.01	2.8	0.1	0.38	4	0.6	<0.2		
1064603	Drill Core	0.037	7	6	0.37	130	0.017	1	0.54	0.062	0.11	<0.1	<0.01	1.0	<0.1	1.03	3	1.1	0.2		
1064604	Drill Core	0.082	9	22	1.73	122	0.145	2	2.18	0.154	0.31	0.3	<0.01	6.7	<0.1	<0.05	7	0.6	<0.2		
1064605	Rock Pulp	0.084	19	20	0.50	146	0.022	1	0.85	0.047	0.33	0.7	0.01	3.0	0.3	0.31	3	<0.5	<0.2		
1064606	Drill Core	0.096	12	16	1.96	202	0.172	1	2.27	0.133	0.69	2.0	<0.01	6.2	0.2	<0.05	9	<0.5	<0.2		
1064607	Drill Core	0.092	9	15	1.42	93	0.156	<1	1.68	0.133	0.32	0.4	<0.01	7.1	0.2	<0.05	6	<0.5	<0.2		
1064608	Drill Core	0.099	14	54	2.28	182	0.132	1	3.17	0.065	0.50	3.7	<0.01	14.8	0.3	<0.05	10	<0.5	<0.2		
1064609	Drill Core	0.100	15	36	1.85	323	0.178	<1	2.79	0.066	0.67	0.2	<0.01	13.4	0.3	<0.05	9	0.7	<0.2		
1064610	Drill Core	0.018	3	11	1.44	51	0.015	3	1.13	0.067	0.12	<0.1	<0.01	8.8	0.1	0.12	4	<0.5	<0.2		
1064611	Drill Core	0.061	8	20	1.65	120	0.008	3	2.42	0.021	0.18	<0.1	0.02	17.1	0.2	<0.05	8	0.7	0.2		
1064612	Drill Core	0.105	12	16	0.78	105	0.002	3	1.47	0.004	0.21	<0.1	0.03	20.3	0.3	<0.05	5	1.1	8.9		
1064613	Drill Core	0.118	10	15	0.42	110	0.010	3	0.83	0.012	0.35	0.2	0.25	24.1	0.4	0.10	6	2.9	128.0		
1064614	Drill Core	0.048	10	3	0.10	112	<0.001	2	0.42	0.004	0.31	<0.1	0.04	13.4	0.2	<0.05	4	1.7	11.5		
1064615	Rock	0.014	<1	<1	11.30	13	<0.001	<1	0.01	0.002	<0.01	<0.1	<0.01	<0.1	<0.1	0.06	<1	<0.5	<0.2		
1064616	Drill Core	0.051	14	3	0.09	175	<0.001	4	0.46	0.007	0.29	0.1	0.04	9.9	0.3	<0.05	1	1.0	1.0		
1064617	Drill Core	0.048	62	<1	0.06	423	<0.001	3	0.69	0.005	0.21	0.1	0.04	1.9	0.7	<0.05	1	0.8	0.2		
1064618	Drill Core	0.012	23	<1	0.05	53	<0.001	3	0.49	0.004	0.13	<0.1	0.03	1.5	0.2	<0.05	1	0.7	<0.2		

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		Method	7TD	7TD
		Analyte	Zn	Ag
		Unit	%	gm/t
		MDL	0.01	2
1064589	Drill Core			
1064590	Drill Core			
1064591	Drill Core			
1064592	Drill Core			
1064593	Drill Core			
1064594	Drill Core			
1064595	Rock			
1064596	Drill Core			
1064597	Drill Core			
1064598	Drill Core			
1064599	Drill Core			
1064600	Drill Core			
1064601	Drill Core			
1064602	Drill Core			
1064603	Drill Core			
1064604	Drill Core			
1064605	Rock Pulp			
1064606	Drill Core			
1064607	Drill Core			
1064608	Drill Core			
1064609	Drill Core			
1064610	Drill Core			
1064611	Drill Core			
1064612	Drill Core			
1064613	Drill Core			
1064614	Drill Core			
1064615	Rock			
1064616	Drill Core			
1064617	Drill Core			
1064618	Drill Core			

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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
1064619	Drill Core	3.20	<0.005	0.4	13.7	19.6	146	0.2	1.2	0.7	109	1.27	175.0	3.5	6.3	5	0.5	8.2	0.1	<2	0.05
1064620	Drill Core	4.62	<0.005	1.2	12.6	23.0	230	0.2	1.1	0.7	142	1.99	417.9	3.2	6.2	13	0.7	12.7	0.1	<2	0.08
1064621	Drill Core	3.68	0.017	0.8	7.7	37.7	44	0.4	0.5	0.3	65	0.80	157.7	16.9	3.2	13	0.3	11.1	0.1	<2	0.05
1064622	Drill Core	2.55	0.012	0.7	15.6	30.1	94	0.3	0.8	0.5	55	1.07	195.3	16.1	4.1	15	0.4	13.0	0.2	<2	0.05
1064623	Drill Core	1.54	0.011	0.5	19.4	13.2	91	0.2	1.0	1.8	218	0.92	141.0	10.2	4.8	18	0.5	7.9	0.2	<2	0.06
1064624	Drill Core	3.99	0.017	0.3	23.0	17.9	140	0.2	1.5	2.9	601	1.11	35.7	10.6	3.5	41	1.0	9.9	0.2	<2	0.29
1064625	Drill Core	2.96	0.006	1.7	14.2	7.6	236	<0.1	7.3	5.0	1074	1.68	6.9	3.3	4.2	18	1.2	10.5	0.1	11	0.21
1064626	Drill Core	2.16	<0.005	2.3	17.0	3.7	83	<0.1	8.9	6.7	827	3.09	8.7	3.1	3.1	20	0.3	18.8	0.1	9	0.36
1064627	Drill Core	1.77	<0.005	3.7	23.6	4.1	86	<0.1	25.1	10.1	1068	3.74	3.8	5.9	3.5	20	0.2	22.9	0.2	17	0.36
1064628	Drill Core	1.98	<0.005	2.1	25.6	6.9	187	0.1	37.0	14.5	2243	3.59	7.3	2.8	3.9	25	1.0	16.1	0.2	28	0.36
1064629	Drill Core	1.35	<0.005	0.4	15.9	2.3	136	<0.1	1.3	4.8	564	1.91	8.8	1.9	4.0	12	0.4	7.7	0.2	8	0.27
1064630	Drill Core	2.74	<0.005	1.7	17.9	4.2	217	<0.1	3.1	9.7	1449	2.95	14.0	2.7	3.3	15	1.3	5.5	0.2	19	0.27
1064631	Drill Core	1.57	<0.005	2.1	13.2	5.6	241	<0.1	3.0	13.8	1607	3.46	33.4	2.8	3.9	20	1.5	7.0	0.2	24	0.32
1064632	Drill Core	4.45	<0.005	0.8	13.2	3.4	171	<0.1	1.3	5.5	417	3.18	11.4	2.7	3.6	12	0.4	4.9	0.3	30	0.28
1064633	Drill Core	2.46	<0.005	0.3	12.1	2.9	153	<0.1	1.1	4.7	241	2.71	21.4	2.3	3.1	22	0.2	6.7	0.1	13	0.24
1064634	Drill Core	1.41	0.008	0.2	11.7	3.4	276	<0.1	4.1	12.7	660	3.57	19.8	9.9	1.9	22	0.5	8.8	0.2	62	0.25
1064635	Drill Core	0.75	<0.005	0.1	17.1	3.2	296	<0.1	3.5	12.4	596	3.71	15.3	4.1	2.3	17	0.5	9.5	0.2	47	0.24
1064636	Drill Core	2.55	<0.005	0.2	3.7	5.4	349	<0.1	5.4	15.7	1507	3.61	56.9	3.5	1.3	15	2.1	9.7	0.3	60	0.24
1064637	Drill Core	1.69	<0.005	0.4	13.2	5.0	418	<0.1	4.7	11.7	490	3.95	168.3	5.8	2.2	15	1.1	15.4	0.3	51	0.31
1064638	Drill Core	1.89	0.006	0.6	27.1	24.4	433	<0.1	2.4	9.4	716	2.83	179.9	7.4	3.1	10	2.7	36.0	0.4	7	0.20
1064639	Drill Core	2.77	<0.005	0.2	16.6	16.2	285	<0.1	1.4	7.2	655	1.49	191.0	2.9	2.0	11	1.9	13.5	0.2	4	0.13
1064640	Drill Core	2.78	<0.005	0.2	12.9	5.6	249	<0.1	0.8	3.1	271	1.16	113.0	1.5	1.9	13	0.8	6.7	0.2	4	0.12
1064641	Drill Core	2.29	<0.005	0.3	22.6	10.2	399	<0.1	1.7	2.4	94	2.19	387.3	1.0	2.7	13	1.9	12.2	0.3	5	0.18
1064642	Drill Core	3.60	<0.005	0.1	18.2	7.7	250	<0.1	1.5	1.6	65	1.22	201.6	<0.5	1.7	13	1.0	7.5	0.2	4	0.09
1064643	Drill Core	4.00	<0.005	<0.1	12.1	9.4	156	<0.1	0.8	0.9	50	0.70	124.5	0.6	0.6	11	0.7	4.3	<0.1	<2	0.05
1064644	Drill Core	4.19	<0.005	<0.1	14.2	12.5	244	<0.1	0.9	1.1	49	0.74	132.1	<0.5	0.3	13	0.7	5.4	<0.1	<2	0.06
1064645	Rock Pulp	0.11	0.370	6.9	51.2	149.4	323	1.2	60.2	16.7	1048	3.70	906.1	300.9	9.0	90	2.7	509.4	0.5	46	0.84
1064646	Drill Core	3.07	<0.005	0.2	38.3	61.5	340	<0.1	1.6	3.3	242	1.21	333.3	3.7	0.7	9	1.8	9.1	0.3	2	0.08
1064647	Drill Core	3.98	<0.005	0.1	23.3	41.0	315	<0.1	1.1	3.0	360	0.86	213.3	1.7	0.6	14	2.2	7.8	0.2	<2	0.06
1064648	Drill Core	4.38	<0.005	0.1	24.3	23.9	446	<0.1	1.2	4.9	1291	0.93	172.2	4.1	0.5	12	5.6	8.8	0.2	<2	0.07

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Project: Charlotte Project
Report Date: June 30, 2011

CERTIFICATE OF ANALYSIS WHI11000234.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
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	0.9	0.001
1064619	Drill Core	0.006	13	<1	0.02	84	<0.001	2	0.39	0.002	0.09	<0.1	0.03	1.3	0.2	<0.05	<1	0.6	<0.2		
1064620	Drill Core	0.010	17	<1	0.04	189	<0.001	2	0.42	0.004	0.14	<0.1	0.03	1.4	0.3	0.06	1	0.5	<0.2		
1064621	Drill Core	0.005	12	<1	0.03	193	<0.001	3	0.26	0.005	0.19	<0.1	0.02	0.7	0.3	0.10	<1	0.6	<0.2		
1064622	Drill Core	0.009	14	<1	0.03	116	<0.001	2	0.36	0.005	0.13	<0.1	0.02	0.6	0.2	0.07	<1	0.6	<0.2		
1064623	Drill Core	0.014	18	<1	0.03	88	<0.001	2	0.36	0.002	0.13	<0.1	0.02	0.7	0.3	<0.05	<1	0.6	<0.2		
1064624	Drill Core	0.029	14	<1	0.13	263	<0.001	3	0.48	0.003	0.21	<0.1	0.03	1.0	0.3	0.21	1	0.6	<0.2		
1064625	Drill Core	0.033	18	9	0.33	57	0.008	<1	0.96	0.027	0.17	0.1	0.04	4.2	0.1	<0.05	3	<0.5	<0.2		
1064626	Drill Core	0.056	14	9	0.57	81	0.032	<1	1.62	0.015	0.37	0.1	0.04	7.2	0.2	<0.05	6	<0.5	<0.2		
1064627	Drill Core	0.068	11	32	0.72	167	0.061	<1	1.66	0.021	0.51	0.1	0.02	9.0	0.3	<0.05	7	<0.5	<0.2		
1064628	Drill Core	0.076	15	42	0.74	212	0.053	<1	1.49	0.020	0.44	0.2	0.03	9.5	0.3	<0.05	7	<0.5	<0.2		
1064629	Drill Core	0.069	14	<1	0.36	39	0.017	<1	0.96	0.044	0.16	<0.1	<0.01	7.0	0.1	<0.05	4	<0.5	<0.2		
1064630	Drill Core	0.057	11	8	0.54	131	0.065	<1	1.30	0.021	0.44	<0.1	0.05	8.5	0.2	<0.05	5	<0.5	<0.2		
1064631	Drill Core	0.073	12	7	0.58	150	0.055	<1	1.35	0.020	0.38	<0.1	0.05	9.4	0.2	<0.05	5	<0.5	<0.2		
1064632	Drill Core	0.072	7	4	0.73	166	0.128	<1	1.30	0.053	0.57	<0.1	<0.01	8.3	0.2	0.06	6	<0.5	<0.2		
1064633	Drill Core	0.052	6	1	0.39	156	0.055	<1	0.99	0.066	0.33	<0.1	<0.01	6.4	0.3	<0.05	5	<0.5	<0.2		
1064634	Drill Core	0.034	6	3	0.94	193	0.100	<1	1.67	0.043	0.63	<0.1	<0.01	9.8	0.3	<0.05	6	<0.5	<0.2		
1064635	Drill Core	0.038	8	1	0.89	166	0.099	<1	1.72	0.030	0.67	<0.1	<0.01	10.3	0.3	<0.05	6	<0.5	<0.2		
1064636	Drill Core	0.032	5	4	0.92	165	0.090	<1	1.77	0.022	0.75	<0.1	<0.01	9.0	0.5	<0.05	5	<0.5	<0.2		
1064637	Drill Core	0.048	9	3	0.78	75	0.049	1	1.81	0.005	0.50	<0.1	0.03	12.3	0.2	<0.05	6	<0.5	<0.2		
1064638	Drill Core	0.046	15	<1	0.23	36	<0.001	<1	1.12	0.015	0.07	<0.1	<0.01	5.9	0.2	<0.05	3	<0.5	<0.2		
1064639	Drill Core	0.031	8	<1	0.15	67	<0.001	<1	0.68	0.032	0.09	<0.1	<0.01	2.7	0.2	<0.05	2	<0.5	<0.2		
1064640	Drill Core	0.031	5	<1	0.12	52	<0.001	<1	0.60	0.038	0.05	<0.1	<0.01	3.1	0.1	<0.05	1	<0.5	<0.2		
1064641	Drill Core	0.042	6	<1	0.20	37	0.001	<1	1.18	0.030	0.05	<0.1	0.02	4.7	<0.1	<0.05	2	<0.5	<0.2		
1064642	Drill Core	0.019	4	<1	0.11	54	<0.001	<1	0.68	0.038	0.07	<0.1	<0.01	2.3	<0.1	<0.05	2	<0.5	<0.2		
1064643	Drill Core	0.007	1	<1	0.07	60	<0.001	<1	0.37	0.051	0.08	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2		
1064644	Drill Core	0.010	<1	<1	0.09	53	<0.001	<1	0.48	0.037	0.09	<0.1	<0.01	0.4	<0.1	<0.05	1	<0.5	<0.2		
1064645	Rock Pulp	0.081	22	31	0.35	898	0.006	6	0.66	0.001	0.18	0.7	3.00	6.9	0.8	0.20	2	2.9	<0.2		
1064646	Drill Core	0.028	2	<1	0.08	158	<0.001	2	0.54	0.031	0.14	<0.1	<0.01	1.2	0.2	<0.05	1	<0.5	<0.2		
1064647	Drill Core	0.014	3	<1	0.07	70	<0.001	1	0.45	0.031	0.12	<0.1	<0.01	0.6	0.2	<0.05	<1	<0.5	<0.2		
1064648	Drill Core	0.018	2	<1	0.07	174	<0.001	1	0.44	0.025	0.15	<0.1	<0.01	0.5	0.2	<0.05	1	<0.5	<0.2		

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Project: Charlotte Project
Report Date: June 30, 2011

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		Method	7TD	7TD
		Analyte	Zn	Ag
		Unit	%	gm/t
		MDL	0.01	2
1064619	Drill Core			
1064620	Drill Core			
1064621	Drill Core			
1064622	Drill Core			
1064623	Drill Core			
1064624	Drill Core			
1064625	Drill Core			
1064626	Drill Core			
1064627	Drill Core			
1064628	Drill Core			
1064629	Drill Core			
1064630	Drill Core			
1064631	Drill Core			
1064632	Drill Core			
1064633	Drill Core			
1064634	Drill Core			
1064635	Drill Core			
1064636	Drill Core			
1064637	Drill Core			
1064638	Drill Core			
1064639	Drill Core			
1064640	Drill Core			
1064641	Drill Core			
1064642	Drill Core			
1064643	Drill Core			
1064644	Drill Core			
1064645	Rock Pulp			
1064646	Drill Core			
1064647	Drill Core			
1064648	Drill Core			

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Project: Charlotte Project
Report Date: June 30, 2011

CERTIFICATE OF ANALYSIS WHI11000234.1

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
1064649	Drill Core	5.26	0.126	1.0	27.7	21.6	687	<0.1	1.8	8.1	999	2.43	170.1	140.9	3.3	9	5.0	12.3	0.4	7	0.12
1064650	Drill Core	4.60	<0.005	1.6	22.8	11.8	520	0.1	2.1	3.0	79	2.70	516.9	5.0	2.2	17	2.1	10.0	0.3	11	0.13
1064651	Drill Core	3.80	<0.005	0.8	39.1	26.1	474	0.1	1.8	3.3	102	3.15	501.0	7.0	3.8	17	2.7	19.0	0.5	6	0.09
1064652	Drill Core	5.30	0.007	0.2	45.3	49.8	250	0.3	1.4	2.2	78	2.31	319.0	8.5	2.9	18	6.5	34.3	0.8	7	0.08
1064653	Drill Core	4.11	<0.005	0.5	41.7	10.2	667	<0.1	2.7	10.3	1109	2.99	493.1	3.0	3.6	11	9.2	13.9	0.1	13	0.17
1064654	Drill Core	4.36	<0.005	0.2	11.4	14.8	418	<0.1	0.9	3.5	1126	0.84	77.6	2.1	1.8	11	8.6	5.5	0.1	2	0.44
1064655	Rock	0.97	<0.005	0.2	2.6	1.1	13	<0.1	1.4	0.4	225	0.43	2.9	1.0	<0.1	37	0.1	<0.1	<0.1	<2	19.68
1064656	Drill Core	3.96	<0.005	0.1	13.2	10.9	248	0.2	0.5	3.2	653	0.58	147.9	4.9	1.6	6	6.1	5.2	0.3	<2	0.28
1064657	Drill Core	3.82	<0.005	0.2	14.7	11.3	373	<0.1	1.0	1.9	430	0.85	144.0	2.4	1.9	4	16.0	6.0	0.3	<2	0.14
1064658	Drill Core	4.71	<0.005	0.1	23.1	27.2	359	0.1	1.3	3.3	140	1.23	196.3	2.7	0.7	6	2.6	12.1	0.4	5	0.07
1064659	Drill Core	2.97	0.005	0.3	30.3	31.6	246	0.3	1.1	1.7	76	1.38	493.5	4.1	0.5	18	2.5	13.0	0.3	<2	0.05
1064660	Drill Core	6.87	<0.005	0.1	13.9	21.3	563	0.1	1.0	2.9	840	0.79	137.2	2.1	0.6	8	13.6	7.5	0.2	<2	0.20
1064661	Drill Core	4.25	<0.005	0.1	12.3	15.5	877	<0.1	0.8	3.8	1389	0.78	64.5	1.7	0.8	7	17.7	6.5	0.2	<2	0.18
1064662	Drill Core	4.97	<0.005	<0.1	14.2	9.4	551	<0.1	1.7	2.2	323	0.68	103.2	1.5	1.2	7	4.3	6.3	0.2	<2	0.17
1064663	Drill Core	6.80	<0.005	1.0	4.1	13.5	1064	0.1	1.7	4.5	1824	1.05	65.0	3.1	1.7	13	6.7	4.3	0.2	<2	0.36
1064664	Drill Core	3.59	0.012	0.2	7.3	16.7	277	0.2	1.0	1.1	72	0.66	102.1	10.9	1.4	3	2.2	7.2	0.5	<2	0.09
1064665	Drill Core	5.61	<0.005	0.2	12.8	170.1	1215	0.6	0.8	3.1	1542	0.65	43.0	2.2	1.6	6	14.6	4.9	0.2	<2	0.14
1064666	Drill Core	4.48	<0.005	0.1	1.1	8.4	492	<0.1	0.6	1.7	687	0.45	8.8	<0.5	1.7	21	2.8	2.8	0.1	<2	0.48
1064667	Drill Core	4.24	<0.005	<0.1	2.6	7.3	663	<0.1	0.4	1.7	795	0.65	21.1	<0.5	1.7	12	3.9	4.3	0.2	<2	0.20
1064668	Drill Core	1.03	<0.005	<0.1	2.2	5.9	773	<0.1	0.6	2.0	791	0.68	30.4	<0.5	1.8	13	3.6	5.5	0.2	<2	0.14
1064669	Drill Core	1.52	<0.005	0.5	34.1	16.2	211	<0.1	1.0	8.8	639	3.20	61.8	3.6	2.6	58	0.4	9.9	0.7	15	0.48
1064670	Drill Core	2.81	<0.005	1.4	6.9	7.9	144	<0.1	4.7	10.3	1696	3.36	5.8	0.7	2.6	126	<0.1	10.4	0.4	27	1.39
1064671	Drill Core	2.48	<0.005	<0.1	7.1	4.8	115	<0.1	1.2	9.9	1241	3.08	2.0	<0.5	2.2	138	<0.1	12.8	0.1	43	2.32
1064672	Drill Core	2.58	0.007	0.3	25.4	8.5	159	<0.1	1.6	5.8	996	2.89	25.0	6.2	2.4	42	0.4	14.0	0.3	6	1.04
1064673	Drill Core	4.01	<0.005	0.8	16.9	2.0	100	<0.1	0.5	6.1	722	3.44	13.0	<0.5	3.3	13	<0.1	6.6	0.2	8	0.37
1064674	Drill Core	3.96	<0.005	0.2	32.4	6.4	199	<0.1	0.9	6.3	711	3.44	9.0	2.0	2.9	28	0.5	5.4	0.2	10	0.59
1064675	Drill Core	2.04	<0.005	0.2	28.2	5.3	145	<0.1	1.0	6.2	638	3.27	6.9	<0.5	2.9	29	0.7	5.4	0.2	11	0.66
1064676	Drill Core	3.29	<0.005	0.1	21.6	2.8	129	<0.1	7.2	8.5	839	3.31	3.3	<0.5	3.2	27	<0.1	9.2	0.2	36	0.71
1064677	Drill Core	4.75	<0.005	0.3	14.0	12.0	872	<0.1	1.1	3.9	844	1.26	14.4	<0.5	1.1	12	3.4	11.0	0.4	4	0.25
1064678	Drill Core	4.67	<0.005	0.2	14.2	22.9	1468	<0.1	1.7	3.8	1260	1.39	20.6	3.6	1.0	6	8.2	11.4	0.6	<2	0.22

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
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	0.9	0.001
1064649	Drill Core	0.044	9	<1	0.10	194	<0.001	<1	0.81	0.018	0.06	<0.1	0.01	5.9	0.3	0.11	2	<0.5	<0.2		
1064650	Drill Core	0.059	8	<1	0.17	52	0.002	<1	1.28	0.020	0.08	<0.1	<0.01	5.7	0.1	<0.05	3	<0.5	<0.2		
1064651	Drill Core	0.065	11	<1	0.09	62	<0.001	1	0.89	0.022	0.11	<0.1	0.06	7.5	0.3	0.10	2	<0.5	<0.2		
1064652	Drill Core	0.042	6	<1	0.13	74	0.009	<1	0.83	0.057	0.13	<0.1	0.02	4.2	0.8	0.13	3	<0.5	<0.2		
1064653	Drill Core	0.070	8	<1	0.15	281	0.006	<1	1.20	0.005	0.10	<0.1	0.32	7.0	0.4	0.07	3	<0.5	<0.2		
1064654	Drill Core	0.024	5	<1	0.15	139	<0.001	<1	0.50	0.002	0.10	<0.1	0.02	1.0	0.2	0.10	1	<0.5	<0.2		
1064655	Rock	0.014	<1	<1	10.42	18	<0.001	<1	0.02	0.002	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1064656	Drill Core	0.012	3	<1	0.11	61	<0.001	1	0.56	0.002	0.15	<0.1	0.01	0.4	0.2	0.12	1	0.5	<0.2		
1064657	Drill Core	0.017	5	<1	0.08	49	<0.001	<1	0.60	0.015	0.12	<0.1	0.02	0.4	0.1	0.09	1	<0.5	<0.2		
1064658	Drill Core	0.025	2	<1	0.09	52	<0.001	1	0.61	0.023	0.11	<0.1	0.01	1.1	0.1	0.07	1	<0.5	<0.2		
1064659	Drill Core	0.022	3	<1	0.06	61	<0.001	2	0.46	0.009	0.19	<0.1	<0.01	0.5	0.2	0.08	<1	<0.5	<0.2		
1064660	Drill Core	0.017	2	<1	0.14	38	<0.001	1	0.53	0.010	0.13	<0.1	<0.01	0.3	<0.1	0.18	1	<0.5	<0.2		
1064661	Drill Core	0.015	2	<1	0.10	96	<0.001	1	0.51	0.003	0.14	<0.1	<0.01	0.4	<0.1	0.32	1	<0.5	<0.2		
1064662	Drill Core	0.014	3	<1	0.19	148	<0.001	1	0.81	0.012	0.11	<0.1	<0.01	0.2	<0.1	0.16	2	<0.5	<0.2		
1064663	Drill Core	0.023	4	<1	0.19	60	<0.001	2	0.53	0.012	0.16	<0.1	<0.01	0.4	0.1	0.52	1	<0.5	<0.2		
1064664	Drill Core	0.015	4	<1	0.04	46	<0.001	3	0.49	0.002	0.16	<0.1	<0.01	0.2	0.2	0.16	1	<0.5	<0.2		
1064665	Drill Core	0.009	4	<1	0.09	138	<0.001	2	0.46	0.009	0.14	<0.1	0.03	0.2	0.1	0.20	<1	<0.5	<0.2		
1064666	Drill Core	0.009	5	<1	0.20	88	<0.001	2	0.50	0.023	0.11	<0.1	0.02	0.2	<0.1	0.18	1	<0.5	<0.2		
1064667	Drill Core	0.011	5	<1	0.10	54	<0.001	2	0.39	0.043	0.13	<0.1	<0.01	0.2	<0.1	0.28	1	<0.5	<0.2		
1064668	Drill Core	0.012	5	<1	0.11	63	<0.001	1	0.50	0.053	0.11	<0.1	<0.01	0.2	<0.1	0.19	1	<0.5	<0.2		
1064669	Drill Core	0.052	7	1	1.16	108	0.004	<1	2.51	0.018	0.13	<0.1	0.01	4.2	0.2	1.09	8	<0.5	<0.2		
1064670	Drill Core	0.055	7	12	1.75	224	0.036	<1	3.47	<0.001	0.58	<0.1	0.02	7.3	0.3	0.69	10	<0.5	<0.2		
1064671	Drill Core	0.069	9	2	1.54	514	0.024	<1	3.35	<0.001	0.49	<0.1	0.04	3.7	0.3	0.30	10	0.5	<0.2		
1064672	Drill Core	0.039	8	3	0.93	159	0.004	1	2.28	<0.001	0.16	<0.1	0.02	4.1	0.1	0.39	6	<0.5	<0.2		
1064673	Drill Core	0.054	10	<1	0.76	136	0.091	1	1.47	0.055	0.55	<0.1	<0.01	9.0	0.5	0.35	7	<0.5	<0.2		
1064674	Drill Core	0.051	9	<1	0.71	114	0.076	1	1.43	0.057	0.46	<0.1	<0.01	7.7	0.3	0.42	6	<0.5	<0.2		
1064675	Drill Core	0.051	7	<1	0.72	111	0.080	<1	1.43	0.063	0.47	<0.1	<0.01	7.3	0.3	0.36	6	<0.5	<0.2		
1064676	Drill Core	0.083	7	39	1.11	154	0.095	<1	1.71	0.037	0.65	0.2	<0.01	7.9	0.5	0.36	7	<0.5	<0.2		
1064677	Drill Core	0.023	4	<1	0.41	61	<0.001	<1	1.34	0.015	0.11	<0.1	0.01	1.1	0.2	0.24	3	<0.5	<0.2		
1064678	Drill Core	0.020	3	<1	0.31	34	<0.001	1	1.34	0.010	0.10	<0.1	0.02	1.1	0.2	0.19	3	<0.5	<0.2		

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: June 30, 2011

CERTIFICATE OF ANALYSIS WHI11000234.1

		Method	7TD	7TD
		Analyte	Zn	Ag
		Unit	%	gm/t
		MDL	0.01	2
1064649	Drill Core			
1064650	Drill Core			
1064651	Drill Core			
1064652	Drill Core			
1064653	Drill Core			
1064654	Drill Core			
1064655	Rock			
1064656	Drill Core			
1064657	Drill Core			
1064658	Drill Core			
1064659	Drill Core			
1064660	Drill Core			
1064661	Drill Core			
1064662	Drill Core			
1064663	Drill Core			
1064664	Drill Core			
1064665	Drill Core			
1064666	Drill Core			
1064667	Drill Core			
1064668	Drill Core			
1064669	Drill Core			
1064670	Drill Core			
1064671	Drill Core			
1064672	Drill Core			
1064673	Drill Core			
1064674	Drill Core			
1064675	Drill Core			
1064676	Drill Core			
1064677	Drill Core			
1064678	Drill Core			

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Project: Charlotte Project
Report Date: June 30, 2011

CERTIFICATE OF ANALYSIS WHI11000234.1

	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
1064679	Drill Core	3.50	<0.005	0.1	10.7	10.1	166	<0.1	0.8	0.5	85	0.39	84.0	<0.5	<0.1	3	1.7	9.5	0.3	<2	0.07
1064680	Drill Core	4.40	0.037	0.1	2.9	28.2	437	0.5	0.3	1.2	401	0.54	525.0	35.2	<0.1	2	4.1	7.1	0.5	<2	0.08
1064681	Drill Core	2.90	0.091	0.2	16.3	101.2	143	0.8	0.9	0.9	51	0.54	328.7	90.8	0.1	3	4.4	13.2	0.2	<2	0.06
1064682	Drill Core	1.05	0.608	0.3	140.4	3268	5423	13.4	1.0	1.5	541	2.83	1024	516.8	0.2	2	91.8	519.5	0.5	<2	0.06
1064684	Drill Core	3.56	0.032	0.2	23.6	95.2	1308	0.8	1.8	3.8	1430	1.36	194.7	53.7	0.9	6	17.1	13.0	0.4	<2	0.33
1064685	Rock Pulp	0.14	6.226	3.0	120.8	11.2	47	80.2	6.9	10.0	472	2.84	114.6	5847	2.6	76	0.2	3.4	7.6	85	1.34
1064686	Drill Core	4.82	0.480	0.2	27.0	62.1	148	15.2	0.5	0.7	52	0.67	490.3	463.8	0.4	5	3.6	21.4	0.3	<2	0.05
1064687	Drill Core	2.23	0.537	0.1	57.4	99.3	124	41.9	0.3	0.5	37	0.76	827.3	537.5	0.6	6	9.5	48.2	0.2	<2	0.05
1064688	Drill Core	4.55	0.846	0.4	195.0	835.8	3908	9.0	1.6	2.3	3327	1.55	1336	657.4	0.7	24	408.3	110.3	0.3	<2	0.78
1064689	Drill Core	4.02	0.289	0.3	11.1	405.4	26	3.4	0.1	0.1	35	0.66	334.9	317.3	1.0	22	0.9	41.2	0.4	<2	0.06
1064690	Drill Core	2.88	0.383	1.2	153.5	419.3	90	2.0	0.8	0.4	39	0.80	905.6	345.4	1.1	3	3.5	37.5	0.4	<2	0.04
1064691	Drill Core	2.98	>10	0.4	2990	>10000	>10000	>100	0.4	2.0	1327	19.16	>10000	33612	0.2	17	>2000	>2000	1.1	3	<0.01
1064692	Drill Core	2.77	>10	0.3	2447	>10000	>10000	>100	1.0	2.6	633	13.21	>10000	17579	0.3	11	1160	>2000	0.9	2	0.01
1064693	Drill Core	5.51	1.438	0.7	432.4	>10000	8333	>100	1.0	1.5	99	2.81	3393	1074	1.2	22	187.2	227.5	1.4	<2	0.05
1064694	Drill Core	4.06	1.536	0.5	242.8	>10000	2188	>100	11.3	1.2	72	1.53	3380	1652	1.0	19	90.5	187.6	0.7	2	0.03
1064695	Rock	1.17	<0.005	<0.1	2.0	5.8	25	0.5	1.7	0.6	228	0.40	12.8	112.9	<0.1	39	0.2	0.9	<0.1	<2	20.98
1064696	Drill Core	2.08	0.891	0.3	164.5	3060	7153	57.9	56.4	6.6	153	1.46	2304	759.8	1.1	8	249.9	402.9	0.4	3	0.05
1064697	Drill Core	6.76	1.068	0.3	228.6	2478	4616	>100	1.1	0.9	76	2.20	2214	996.1	1.3	3	89.2	200.0	0.5	<2	0.02
1064698	Drill Core	3.36	1.873	0.3	208.1	3085	4251	>100	1.0	0.9	99	2.60	4179	2034	1.3	2	111.6	282.0	0.6	<2	0.02
1064699	Drill Core	2.15	3.561	0.1	1227	8537	>10000	>100	0.5	0.6	223	3.36	8611	3252	1.0	5	418.8	1132	1.0	<2	0.01
1064700	Drill Core	3.39	0.353	0.8	72.3	718.0	162	11.7	0.7	0.8	31	0.96	603.2	320.4	1.2	7	5.2	51.7	1.0	<2	0.01
1064701	Drill Core	3.34	0.242	0.5	125.9	311.2	84	2.5	7.0	0.9	24	1.50	1258	235.7	3.0	22	2.9	25.1	0.4	<2	0.02
1064702	Drill Core	4.37	0.758	1.0	33.3	2381	46	62.9	0.6	0.1	19	0.73	799.1	696.0	5.5	13	2.8	84.3	1.4	<2	<0.01
1064703	Drill Core	4.83	0.330	0.9	125.5	1366	104	12.4	0.3	0.1	24	0.92	639.8	295.2	5.6	7	3.4	44.7	1.3	<2	<0.01
1064704	Drill Core	4.65	0.083	0.7	36.8	433.7	41	3.5	0.5	<0.1	25	0.47	167.6	82.1	10.1	8	1.0	13.7	0.1	<2	<0.01
1064705	Drill Core	4.79	0.088	1.1	5.8	69.1	25	1.4	0.3	<0.1	18	0.35	131.3	92.3	10.8	14	0.4	9.5	<0.1	<2	<0.01
1064706	Rock Pulp	0.14	>10	8.6	116.9	18.1	56	>100	15.6	11.1	583	3.48	229.6	13015	2.9	61	0.3	8.2	17.8	67	1.37
1064707	Drill Core	4.45	0.101	1.6	6.0	84.6	29	2.2	0.4	<0.1	19	0.46	154.6	105.9	9.5	15	0.3	10.3	<0.1	<2	<0.01
1064708	Drill Core	3.77	0.187	1.7	90.4	742.2	34	5.4	0.3	<0.1	18	0.44	321.6	174.4	11.8	21	0.6	16.8	<0.1	<2	<0.01
1064709	Drill Core	2.83	0.058	1.5	7.5	480.2	63	1.6	0.4	<0.1	28	0.48	194.9	56.0	10.5	12	0.4	9.8	0.1	<2	<0.01

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Project: Charlotte Project
Report Date: June 30, 2011

CERTIFICATE OF ANALYSIS WHI11000234.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
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	0.9	0.001
1064679	Drill Core	0.015	<1	<1	0.03	47	<0.001	3	0.52	0.002	0.21	<0.1	0.02	1.2	0.2	0.18	<1	<0.5	<0.2		
1064680	Drill Core	0.011	<1	<1	0.03	139	<0.001	3	0.29	0.001	0.18	<0.1	0.01	0.7	0.3	0.36	<1	<0.5	<0.2		
1064681	Drill Core	0.011	<1	<1	0.03	235	<0.001	3	0.48	0.001	0.24	<0.1	0.03	0.5	0.5	0.44	<1	<0.5	<0.2		
1064682	Drill Core	0.013	<1	<1	0.02	27	<0.001	4	0.41	0.001	0.18	0.2	0.10	0.5	1.0	3.04	<1	<0.5	<0.2		
1064684	Drill Core	0.041	2	<1	0.10	98	<0.001	3	0.54	<0.001	0.20	<0.1	0.06	1.3	0.6	1.01	<1	<0.5	<0.2		
1064685	Rock Pulp	0.052	7	12	0.84	151	0.145	3	1.98	0.262	0.28	2.7	0.24	2.6	<0.1	0.08	5	2.8	1.3		
1064686	Drill Core	0.008	<1	<1	0.02	171	<0.001	3	0.37	<0.001	0.16	<0.1	0.08	0.2	0.5	0.44	<1	<0.5	<0.2		
1064687	Drill Core	0.010	1	<1	0.02	233	<0.001	3	0.30	<0.001	0.17	<0.1	0.11	0.4	0.6	0.40	<1	<0.5	<0.2		
1064688	Drill Core	0.008	<1	<1	0.32	125	<0.001	2	0.42	0.002	0.16	0.1	0.20	1.1	0.7	0.54	<1	<0.5	<0.2		
1064689	Drill Core	0.007	2	<1	0.03	111	<0.001	3	0.25	0.002	0.23	<0.1	0.05	0.2	0.5	0.20	<1	<0.5	<0.2		
1064690	Drill Core	0.005	2	<1	0.02	81	<0.001	4	0.26	0.001	0.20	<0.1	0.02	0.3	0.3	0.54	<1	<0.5	<0.2		
1064691	Drill Core	0.005	<1	<1	<0.01	20	<0.001	1	0.11	0.004	0.04	<0.1	2.82	<0.1	1.5	>10	3	6.1	0.3	28.4	0.312
1064692	Drill Core	0.003	<1	<1	<0.01	6	<0.001	2	0.13	0.003	0.07	<0.1	1.99	<0.1	2.0	>10	2	5.4	0.2	16.9	0.261
1064693	Drill Core	0.011	<1	<1	0.02	45	<0.001	3	0.25	0.002	0.15	0.1	0.46	0.1	0.8	3.10	<1	<0.5	0.3		
1064694	Drill Core	0.018	1	9	0.02	75	<0.001	4	0.33	0.001	0.18	<0.1	0.35	0.4	0.7	1.41	1	0.6	0.2		
1064695	Rock	0.017	<1	<1	12.18	15	<0.001	1	0.02	0.002	0.01	<0.1	0.02	<0.1	<0.1	<0.05	<1	0.6	<0.2		
1064696	Drill Core	0.028	1	31	0.03	65	<0.001	4	0.35	0.001	0.20	0.2	0.30	0.7	0.7	1.68	1	0.6	<0.2		
1064697	Drill Core	0.009	1	<1	0.02	47	<0.001	4	0.28	0.001	0.17	<0.1	0.22	0.1	0.5	2.30	<1	0.9	<0.2		
1064698	Drill Core	0.007	<1	1	0.01	46	<0.001	4	0.27	0.002	0.16	<0.1	0.16	0.2	0.6	2.91	<1	<0.5	<0.2		
1064699	Drill Core	0.007	<1	<1	<0.01	40	<0.001	3	0.22	0.002	0.12	<0.1	0.47	0.2	0.9	3.85	<1	1.1	<0.2		0.136
1064700	Drill Core	0.008	1	<1	0.01	116	<0.001	3	0.27	0.002	0.18	<0.1	0.06	0.3	0.5	0.83	<1	<0.5	0.5		
1064701	Drill Core	0.013	2	5	0.02	107	<0.001	3	0.35	0.003	0.25	<0.1	0.04	0.7	0.6	1.03	<1	<0.5	<0.2		
1064702	Drill Core	0.005	3	<1	<0.01	311	<0.001	3	0.20	0.002	0.17	0.2	0.35	0.2	0.8	0.32	<1	<0.5	<0.2		
1064703	Drill Core	0.003	2	<1	<0.01	144	<0.001	2	0.18	0.001	0.16	<0.1	0.11	0.2	0.6	0.68	<1	<0.5	<0.2		
1064704	Drill Core	0.005	7	<1	<0.01	74	<0.001	3	0.28	0.002	0.25	<0.1	0.06	0.3	0.4	0.21	<1	<0.5	<0.2		
1064705	Drill Core	0.003	8	<1	0.01	32	<0.001	4	0.30	0.002	0.23	<0.1	0.10	0.2	0.4	0.08	<1	<0.5	<0.2		
1064706	Rock Pulp	0.051	6	23	0.73	109	0.104	4	1.57	0.182	0.19	4.2	0.49	1.9	<0.1	0.17	5	6.2	2.8	11.5	
1064707	Drill Core	0.004	8	<1	0.01	68	<0.001	4	0.30	0.002	0.24	<0.1	0.15	0.3	0.5	0.11	<1	<0.5	<0.2		
1064708	Drill Core	0.008	7	<1	<0.01	72	<0.001	3	0.28	0.002	0.19	<0.1	0.23	0.3	0.6	0.12	<1	<0.5	<0.2		
1064709	Drill Core	0.007	8	<1	0.01	412	<0.001	3	0.32	0.002	0.23	<0.1	0.07	0.3	0.4	0.13	<1	<0.5	<0.2		

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

Project: Charlotte Project
Report Date: June 30, 2011

CERTIFICATE OF ANALYSIS WHI11000234.1

		Method	7TD	7TD
		Analyte	Zn	Ag
		Unit	%	gm/t
		MDL	0.01	2
1064679	Drill Core			
1064680	Drill Core			
1064681	Drill Core			
1064682	Drill Core			
1064684	Drill Core			
1064685	Rock Pulp			
1064686	Drill Core			
1064687	Drill Core			
1064688	Drill Core			
1064689	Drill Core			
1064690	Drill Core			
1064691	Drill Core		13.02	>300
1064692	Drill Core		6.98	>300
1064693	Drill Core			
1064694	Drill Core			
1064695	Rock			
1064696	Drill Core			
1064697	Drill Core			
1064698	Drill Core			
1064699	Drill Core		2.41	291
1064700	Drill Core			
1064701	Drill Core			
1064702	Drill Core			
1064703	Drill Core			
1064704	Drill Core			
1064705	Drill Core			
1064706	Rock Pulp			
1064707	Drill Core			
1064708	Drill Core			
1064709	Drill Core			

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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
1064710	Drill Core	2.95	0.044	1.7	9.3	349.9	66	2.9	0.2	<0.1	16	0.38	101.4	45.7	10.1	18	0.8	8.6	0.1	<2	<0.01
1064711	Drill Core	2.44	0.045	1.7	17.2	184.3	44	1.2	0.3	<0.1	15	0.36	88.0	44.5	9.2	17	0.3	3.8	0.1	<2	0.01
1064712	Drill Core	3.31	0.618	2.1	78.0	1627	389	32.2	0.5	0.1	25	1.88	1618	637.9	9.3	19	28.2	137.3	0.7	<2	0.04
1064713	Drill Core	5.55	0.458	1.8	56.3	1677	304	24.6	0.5	0.1	34	1.66	1660	497.7	9.9	13	19.1	120.7	0.9	<2	0.04
1064714	Drill Core	3.89	2.179	0.8	243.9	3738	744	>100	0.7	0.6	32	2.09	4539	2091	2.0	12	31.3	239.1	5.7	<2	0.04
1064715	Rock	1.80	<0.005	<0.1	1.3	8.4	15	0.1	1.1	1.0	230	0.44	10.2	4.2	<0.1	41	<0.1	0.6	<0.1	<2	20.29
1064716	Drill Core	3.53	0.718	1.1	56.6	3012	162	15.7	0.4	0.1	17	1.08	1271	661.7	6.7	10	5.0	149.5	1.4	<2	0.06
1064717	Drill Core	5.68	1.016	1.2	93.4	4331	399	23.6	0.6	0.3	33	1.77	2498	1050	5.4	11	14.4	358.0	3.2	<2	0.05
1064718	Drill Core	4.11	1.804	2.2	298.0	6502	222	38.1	0.4	0.3	28	2.35	4320	1745	1.3	11	12.0	241.7	4.8	<2	0.03
1064719	Drill Core	2.32	0.098	1.8	18.2	1680	256	2.4	0.5	<0.1	30	3.68	857.7	101.9	2.7	38	2.4	62.2	0.9	<2	0.05
1064720	Drill Core	4.03	0.009	0.4	107.4	80.6	1207	0.2	1.7	1.7	175	2.73	70.3	5.3	3.0	36	4.1	3.5	0.5	5	0.41
1064721	Drill Core	6.38	0.059	0.7	38.3	9.7	3190	<0.1	14.3	18.3	1683	3.87	10.1	42.9	3.6	25	48.1	1.1	0.3	100	0.67
1064722	Drill Core	6.14	0.069	0.5	10.9	5.2	716	<0.1	17.1	12.0	879	2.55	4.7	50.3	3.5	24	7.5	0.8	0.6	72	0.95
1064723	Drill Core	6.29	0.025	0.5	10.5	19.4	1082	0.1	4.8	13.9	1026	3.30	12.3	31.2	3.5	14	5.5	1.1	0.3	91	0.67
1064724	Drill Core	5.06	0.057	1.0	36.9	5.6	564	<0.1	7.4	13.8	451	3.13	27.5	121.2	2.5	20	2.3	1.5	0.5	90	0.70
1064725	Drill Core	3.43	<0.005	0.2	22.1	12.7	3478	<0.1	12.2	25.7	2047	5.34	16.7	4.3	2.5	12	43.5	1.0	0.4	112	0.47
1064683	Drill Core	5.45	0.090	0.2	35.7	464.8	1390	2.5	1.0	2.0	839	0.94	278.5	93.1	0.4	4	13.1	44.0	0.3	<2	0.14

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Project: Charlotte Project
Report Date: June 30, 2011

CERTIFICATE OF ANALYSIS WHI11000234.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
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	0.9	0.001
1064710	Drill Core	0.007	10	<1	<0.01	956	<0.001	2	0.27	0.001	0.18	<0.1	0.09	0.3	0.3	0.12	<1	<0.5	<0.2		
1064711	Drill Core	0.005	9	<1	0.02	244	<0.001	3	0.38	0.002	0.22	0.2	0.07	0.4	0.4	0.10	<1	<0.5	<0.2		
1064712	Drill Core	0.012	3	<1	0.01	359	<0.001	2	0.19	0.001	0.11	0.1	0.29	0.3	0.4	0.11	<1	<0.5	<0.2		
1064713	Drill Core	0.009	4	<1	0.01	214	<0.001	3	0.22	0.002	0.17	<0.1	0.20	0.3	0.7	0.11	<1	<0.5	<0.2		
1064714	Drill Core	0.004	3	<1	0.02	59	<0.001	3	0.12	0.001	0.10	<0.1	0.69	0.5	0.9	1.33	<1	<0.5	<0.2		
1064715	Rock	0.015	<1	<1	10.87	43	<0.001	<1	0.02	0.001	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1064716	Drill Core	0.004	6	<1	0.01	230	<0.001	3	0.18	0.002	0.13	<0.1	0.28	0.1	1.2	0.27	<1	<0.5	<0.2		
1064717	Drill Core	0.006	3	<1	0.03	152	<0.001	6	0.25	0.003	0.20	0.1	0.52	0.4	4.2	0.75	<1	<0.5	<0.2		
1064718	Drill Core	0.018	3	<1	0.01	111	0.001	6	0.20	0.003	0.28	0.3	0.59	1.0	1.8	0.81	2	<0.5	<0.2		
1064719	Drill Core	0.032	5	<1	0.02	120	<0.001	3	0.35	0.017	0.62	0.3	0.07	1.5	1.3	0.98	3	1.0	<0.2		
1064720	Drill Core	0.047	8	<1	0.48	115	<0.001	<1	2.26	0.013	0.14	0.1	<0.01	4.8	0.3	0.59	5	<0.5	<0.2		
1064721	Drill Core	0.071	10	42	1.83	202	0.133	1	2.06	0.084	0.80	7.8	<0.01	7.8	0.7	0.27	7	<0.5	<0.2		
1064722	Drill Core	0.061	8	49	1.36	169	0.105	1	1.29	0.079	0.45	45.6	<0.01	5.3	0.3	0.41	5	<0.5	<0.2		
1064723	Drill Core	0.077	9	7	1.37	173	0.089	<1	1.80	0.112	0.37	0.2	<0.01	7.4	0.2	0.31	6	<0.5	<0.2		
1064724	Drill Core	0.071	8	17	1.32	177	0.097	1	1.77	0.117	0.49	>100	<0.01	6.1	0.5	0.36	6	<0.5	<0.2		
1064725	Drill Core	0.075	7	12	1.98	244	0.114	<1	3.04	0.035	1.10	0.3	<0.01	7.4	0.7	0.39	9	<0.5	0.2		
1064683	Drill Core	0.016	<1	<1	0.06	102	<0.001	3	0.48	0.003	0.18	1.5	0.02	0.5	0.5	0.75	<1	<0.5	<0.2		

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CERTIFICATE OF ANALYSIS WHI11000234.1

		Method	7TD	7TD
		Analyte	Zn	Ag
		Unit	%	gm/t
		MDL	0.01	2
1064710	Drill Core			
1064711	Drill Core			
1064712	Drill Core			
1064713	Drill Core			
1064714	Drill Core			
1064715	Rock			
1064716	Drill Core			
1064717	Drill Core			
1064718	Drill Core			
1064719	Drill Core			
1064720	Drill Core			
1064721	Drill Core			
1064722	Drill Core			
1064723	Drill Core			
1064724	Drill Core			
1064725	Drill Core			
1064683	Drill Core			

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QUALITY CONTROL REPORT WHI11000234.1

	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																					
1064581	Drill Core	2.47	0.008	0.3	74.2	2.9	211	0.4	1.0	7.8	833	2.87	7.0	7.9	3.5	49	1.1	9.6	0.2	32	1.47
REP 1064581	QC			0.2	73.9	2.8	205	0.4	1.0	7.6	810	2.79	6.9	9.1	3.3	46	1.0	9.3	0.2	32	1.43
1064595	Rock	1.16	<0.005	<0.1	2.9	1.2	14	<0.1	1.6	0.7	185	0.37	3.1	<0.5	<0.1	36	<0.1	<0.1	<0.1	<2	17.56
REP 1064595	QC		<0.005																		
1064604	Drill Core	5.06	0.006	0.1	8.9	1.7	36	<0.1	6.3	14.7	421	3.03	3.9	1.7	1.9	37	<0.1	1.0	<0.1	109	1.46
REP 1064604	QC			<0.1	8.5	1.6	34	<0.1	6.3	14.1	418	3.02	4.0	1.2	1.9	36	<0.1	1.0	<0.1	109	1.47
1064610	Drill Core	3.03	<0.005	0.1	9.8	7.0	38	<0.1	6.7	9.3	1082	2.18	10.2	1.8	1.4	130	<0.1	3.0	0.1	79	2.28
REP 1064610	QC		<0.005																		
1064653	Drill Core	4.11	<0.005	0.5	41.7	10.2	667	<0.1	2.7	10.3	1109	2.99	493.1	3.0	3.6	11	9.2	13.9	0.1	13	0.17
REP 1064653	QC			0.5	43.2	11.9	681	<0.1	2.6	10.7	1127	3.00	499.1	3.2	3.6	11	9.3	14.3	0.1	14	0.18
1064657	Drill Core	3.82	<0.005	0.2	14.7	11.3	373	<0.1	1.0	1.9	430	0.85	144.0	2.4	1.9	4	16.0	6.0	0.3	<2	0.14
REP 1064657	QC			0.2	15.7	11.9	379	<0.1	1.2	1.9	435	0.85	145.9	2.2	2.0	5	16.1	6.2	0.3	<2	0.13
1064659	Drill Core	2.97	0.005	0.3	30.3	31.6	246	0.3	1.1	1.7	76	1.38	493.5	4.1	0.5	18	2.5	13.0	0.3	<2	0.05
REP 1064659	QC		<0.005																		
1064661	Drill Core	4.25	<0.005	0.1	12.3	15.5	877	<0.1	0.8	3.8	1389	0.78	64.5	1.7	0.8	7	17.7	6.5	0.2	<2	0.18
REP 1064661	QC		<0.005																		
1064663	Drill Core	6.80	<0.005	1.0	4.1	13.5	1064	0.1	1.7	4.5	1824	1.05	65.0	3.1	1.7	13	6.7	4.3	0.2	<2	0.36
REP 1064663	QC			0.8	4.4	13.3	1043	0.1	1.5	4.5	1814	1.01	63.8	2.7	1.6	13	7.2	4.0	0.2	<2	0.35
1064691	Drill Core	2.98	>10	0.4	2990	>10000	>10000	>100	0.4	2.0	1327	19.16	>10000	33612	0.2	17	>2000	>2000	1.1	3	<0.01
REP 1064691	QC		>10																		
1064706	Rock Pulp	0.14	>10	8.6	116.9	18.1	56	>100	15.6	11.1	583	3.48	229.6	13015	2.9	61	0.3	8.2	17.8	67	1.37
REP 1064706	QC																				
1064713	Drill Core	5.55	0.458	1.8	56.3	1677	304	24.6	0.5	0.1	34	1.66	1660	497.7	9.9	13	19.1	120.7	0.9	<2	0.04
REP 1064713	QC			1.8	57.4	1649	304	24.3	0.5	0.1	33	1.64	1632	492.1	9.7	13	18.9	117.8	0.9	<2	0.04
Core Reject Duplicates																					
1064580	Drill Core	1.51	0.022	0.2	28.2	6.9	67	0.2	1.6	7.5	1480	2.84	78.9	21.1	2.7	29	0.1	9.4	0.3	13	1.35
DUP 1064580	QC		0.024	0.2	29.7	7.2	69	0.3	1.1	8.1	1576	2.86	89.2	26.7	2.9	31	0.1	10.2	0.3	11	1.43
1064615	Rock	0.83	<0.005	<0.1	3.9	3.8	15	<0.1	2.2	0.8	268	0.45	6.1	<0.5	<0.1	41	<0.1	0.3	0.1	<2	17.49

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QUALITY CONTROL REPORT WHI11000234.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
	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	0.9	0.001
Pulp Duplicates																					
1064581	Drill Core	0.063	14	6	0.90	162	0.100	<1	1.12	0.047	0.61	<0.1	0.04	9.3	0.2	0.37	5	<0.5	<0.2		
REP 1064581	QC	0.059	13	5	0.89	156	0.099	<1	1.11	0.046	0.59	<0.1	0.03	9.0	0.2	0.37	5	<0.5	<0.2		
1064595	Rock	0.016	<1	<1	11.49	15	<0.001	<1	0.03	0.003	0.02	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
REP 1064595	QC																				
1064604	Drill Core	0.082	9	22	1.73	122	0.145	2	2.18	0.154	0.31	0.3	<0.01	6.7	<0.1	<0.05	7	0.6	<0.2		
REP 1064604	QC	0.080	9	21	1.72	121	0.151	1	2.18	0.154	0.30	0.4	<0.01	7.0	<0.1	<0.05	7	0.7	<0.2		
1064610	Drill Core	0.018	3	11	1.44	51	0.015	3	1.13	0.067	0.12	<0.1	<0.01	8.8	0.1	0.12	4	<0.5	<0.2		
REP 1064610	QC																				
1064653	Drill Core	0.070	8	<1	0.15	281	0.006	<1	1.20	0.005	0.10	<0.1	0.32	7.0	0.4	0.07	3	<0.5	<0.2		
REP 1064653	QC	0.066	8	<1	0.15	285	0.006	<1	1.22	0.006	0.10	<0.1	0.31	7.2	0.4	0.07	4	<0.5	<0.2		
1064657	Drill Core	0.017	5	<1	0.08	49	<0.001	<1	0.60	0.015	0.12	<0.1	0.02	0.4	0.1	0.09	1	<0.5	<0.2		
REP 1064657	QC	0.016	5	<1	0.08	51	<0.001	<1	0.62	0.015	0.12	<0.1	<0.01	0.3	<0.1	0.09	1	0.6	<0.2		
1064659	Drill Core	0.022	3	<1	0.06	61	<0.001	2	0.46	0.009	0.19	<0.1	<0.01	0.5	0.2	0.08	<1	<0.5	<0.2		
REP 1064659	QC																				
1064661	Drill Core	0.015	2	<1	0.10	96	<0.001	1	0.51	0.003	0.14	<0.1	<0.01	0.4	<0.1	0.32	1	<0.5	<0.2		
REP 1064661	QC																				
1064663	Drill Core	0.023	4	<1	0.19	60	<0.001	2	0.53	0.012	0.16	<0.1	<0.01	0.4	0.1	0.52	1	<0.5	<0.2		
REP 1064663	QC	0.022	4	<1	0.18	59	<0.001	2	0.51	0.012	0.16	<0.1	<0.01	0.4	0.2	0.50	1	<0.5	<0.2		
1064691	Drill Core	0.005	<1	<1	<0.01	20	<0.001	1	0.11	0.004	0.04	<0.1	2.82	<0.1	1.5	>10	3	6.1	0.3	28.4	0.312
REP 1064691	QC																				0.320
1064706	Rock Pulp	0.051	6	23	0.73	109	0.104	4	1.57	0.182	0.19	4.2	0.49	1.9	<0.1	0.17	5	6.2	2.8	11.5	
REP 1064706	QC																			11.9	
1064713	Drill Core	0.009	4	<1	0.01	214	<0.001	3	0.22	0.002	0.17	<0.1	0.20	0.3	0.7	0.11	<1	<0.5	<0.2		
REP 1064713	QC	0.008	4	<1	0.01	226	<0.001	3	0.22	0.002	0.17	<0.1	0.20	0.3	0.7	0.11	<1	<0.5	<0.2		
Core Reject Duplicates																					
1064580	Drill Core	0.048	8	1	0.52	22	0.005	<1	0.55	0.026	0.14	0.1	0.16	5.0	0.2	1.07	2	<0.5	<0.2		
DUP 1064580	QC	0.051	8	<1	0.55	24	0.009	1	0.64	0.026	0.17	0.2	0.22	5.3	0.2	1.15	2	<0.5	<0.2		
1064615	Rock	0.014	<1	<1	11.30	13	<0.001	<1	0.01	0.002	<0.01	<0.1	<0.01	<0.1	<0.1	0.06	<1	<0.5	<0.2		

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: June 30, 2011

QUALITY CONTROL REPORT WHI11000234.1

		Method	7TD	7TD
		Analyte	Zn	Ag
		Unit	%	gm/t
		MDL	0.01	2
Pulp Duplicates				
1064581	Drill Core			
REP 1064581	QC			
1064595	Rock			
REP 1064595	QC			
1064604	Drill Core			
REP 1064604	QC			
1064610	Drill Core			
REP 1064610	QC			
1064653	Drill Core			
REP 1064653	QC			
1064657	Drill Core			
REP 1064657	QC			
1064659	Drill Core			
REP 1064659	QC			
1064661	Drill Core			
REP 1064661	QC			
1064663	Drill Core			
REP 1064663	QC			
1064691	Drill Core		13.02	>300
REP 1064691	QC		13.31	>300
1064706	Rock Pulp			
REP 1064706	QC			
1064713	Drill Core			
REP 1064713	QC			
Core Reject Duplicates				
1064580	Drill Core			
DUP 1064580	QC			
1064615	Rock			

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		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
DUP 1064615	QC		<0.005	<0.1	3.8	2.4	15	<0.1	2.4	0.8	276	0.46	6.7	<0.5	<0.1	42	<0.1	0.3	<0.1	<2	18.00
1064650	Drill Core	4.60	<0.005	1.6	22.8	11.8	520	0.1	2.1	3.0	79	2.70	516.9	5.0	2.2	17	2.1	10.0	0.3	11	0.13
DUP 1064650	QC		0.007	1.7	23.4	14.7	534	0.1	2.3	3.2	83	2.81	553.9	5.6	2.4	18	2.4	10.1	0.3	11	0.14
1064686	Drill Core	4.82	0.480	0.2	27.0	62.1	148	15.2	0.5	0.7	52	0.67	490.3	463.8	0.4	5	3.6	21.4	0.3	<2	0.05
DUP 1064686	QC		0.490	0.2	25.1	58.2	170	11.5	0.7	0.8	65	0.71	504.2	520.7	0.4	5	4.6	22.3	0.2	<2	0.05
1064721	Drill Core	6.38	0.059	0.7	38.3	9.7	3190	<0.1	14.3	18.3	1683	3.87	10.1	42.9	3.6	25	48.1	1.1	0.3	100	0.67
DUP 1064721	QC		0.054	0.7	39.9	7.7	3226	<0.1	13.8	18.7	1699	3.94	9.2	57.5	3.8	25	52.9	1.1	0.3	102	0.67
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			13.5	108.5	118.3	313	1.7	39.4	7.5	584	2.36	25.0	107.1	6.5	61	2.2	5.3	6.0	41	0.68
STD DS8	Standard			13.4	107.3	121.6	310	1.8	38.9	7.4	598	2.38	25.1	108.8	6.7	64	2.2	5.4	6.1	42	0.69
STD DS8	Standard			14.1	105.1	121.9	327	1.8	39.4	7.3	650	2.52	27.2	104.8	7.0	73	2.4	6.5	6.7	43	0.75
STD DS8	Standard			14.4	107.8	116.2	320	1.9	40.3	7.6	631	2.55	28.2	110.9	6.7	78	2.5	6.3	6.4	44	0.77
STD DS8	Standard			13.2	115.5	123.3	306	1.6	39.0	7.9	598	2.42	28.9	96.4	7.0	66	2.4	5.9	7.0	39	0.69
STD DS8	Standard			13.5	115.4	130.3	316	1.7	38.8	7.9	597	2.42	29.4	162.3	7.1	67	2.8	6.2	7.0	39	0.68
STD DS8	Standard			11.3	105.9	133.8	317	1.9	36.7	7.5	584	2.37	28.3	105.2	6.2	58	2.2	5.9	6.8	39	0.64
STD DS8	Standard			12.4	107.7	127.4	310	1.8	38.2	7.5	620	2.45	27.1	110.1	6.8	64	2.2	5.2	6.8	40	0.68
STD DS8	Standard			12.1	105.9	123.4	305	1.7	37.9	7.4	601	2.40	24.9	98.5	6.4	61	2.2	4.9	5.8	39	0.69
STD DS8	Standard			12.1	111.1	125.2	319	1.8	38.5	7.3	626	2.48	27.2	228.6	6.4	62	2.1	5.9	6.1	40	0.64
STD DS8	Standard			13.0	110.2	123.5	321	1.7	38.2	7.4	610	2.43	25.9	106.0	6.5	62	2.4	5.5	6.3	40	0.70
STD DS8	Standard			12.8	111.4	122.5	316	1.7	37.7	7.3	604	2.41	26.4	114.8	6.5	61	2.3	5.5	6.4	40	0.70
STD OREAS131B	Standard																				
STD OREAS131B	Standard																				
STD OREAS131B	Standard																				
STD OXH82	Standard		1.305																		
STD OXH82	Standard		1.301																		
STD OXH82	Standard		1.311																		

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: June 30, 2011

QUALITY CONTROL REPORT WHI11000234.1

		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	G6Gr Au gm/t 0.9	7TD Cu % 0.001
DUP 1064615	QC	0.014	<1	<1	11.52	14	<0.001	<1	0.02	0.003	<0.01	<0.1	<0.01	<0.1	<0.1	0.06	<1	<0.5	<0.2		
1064650	Drill Core	0.059	8	<1	0.17	52	0.002	<1	1.28	0.020	0.08	<0.1	<0.01	5.7	0.1	<0.05	3	<0.5	<0.2		
DUP 1064650	QC	0.064	9	<1	0.18	55	0.002	<1	1.36	0.022	0.09	<0.1	0.01	5.9	0.1	<0.05	3	<0.5	<0.2		
1064686	Drill Core	0.008	<1	<1	0.02	171	<0.001	3	0.37	<0.001	0.16	<0.1	0.08	0.2	0.5	0.44	<1	<0.5	<0.2		
DUP 1064686	QC	0.008	1	<1	0.02	176	<0.001	2	0.42	<0.001	0.18	<0.1	0.07	0.2	0.5	0.45	<1	<0.5	<0.2		
1064721	Drill Core	0.071	10	42	1.83	202	0.133	1	2.06	0.084	0.80	7.8	<0.01	7.8	0.7	0.27	7	<0.5	<0.2		
DUP 1064721	QC	0.074	11	42	1.83	205	0.142	2	2.08	0.083	0.90	8.2	<0.01	8.2	0.7	0.28	8	<0.5	<0.2		
Reference Materials																					
STD AGPROOF	Standard																			<0.9	
STD CDN-ME-3	Standard																			10.0	
STD CDN-ME-3	Standard																			9.7	
STD DS8	Standard	0.081	14	116	0.58	254	0.117	3	0.88	0.086	0.38	2.9	0.18	1.8	5.1	0.16	4	4.8	4.3		
STD DS8	Standard	0.074	14	116	0.60	262	0.119	2	0.90	0.088	0.39	2.8	0.20	1.8	5.3	0.17	4	4.5	4.5		
STD DS8	Standard	0.081	16	127	0.63	308	0.127	3	0.96	0.094	0.44	3.2	0.19	1.9	5.7	0.17	5	5.2	5.6		
STD DS8	Standard	0.084	16	123	0.64	294	0.124	3	0.97	0.096	0.42	2.8	0.20	2.0	5.2	0.17	5	5.6	5.4		
STD DS8	Standard	0.082	14	112	0.61	270	0.122	3	0.91	0.087	0.39	2.9	0.20	2.0	5.1	0.15	4	5.7	4.6		
STD DS8	Standard	0.087	14	115	0.60	281	0.119	3	0.89	0.086	0.40	2.9	0.19	2.0	5.3	0.15	5	5.4	4.9		
STD DS8	Standard	0.076	10	109	0.58	238	0.100	3	0.85	0.079	0.37	3.1	0.17	1.6	5.8	0.16	5	5.0	4.9		
STD DS8	Standard	0.081	12	117	0.61	242	0.107	3	0.93	0.098	0.39	3.0	0.20	1.6	5.6	0.16	5	5.3	5.2		
STD DS8	Standard	0.078	14	112	0.59	275	0.109	3	0.92	0.097	0.41	2.7	0.20	1.6	5.3	0.15	5	5.5	4.9		
STD DS8	Standard	0.081	14	113	0.59	272	0.109	3	0.96	0.095	0.41	2.8	0.20	1.6	5.3	0.15	5	5.1	5.1		
STD DS8	Standard	0.082	14	118	0.60	270	0.110	2	0.97	0.105	0.41	3.1	0.20	2.0	5.4	0.16	5	5.3	5.0		
STD DS8	Standard	0.081	13	118	0.61	265	0.109	1	0.96	0.103	0.42	2.9	0.21	1.9	5.3	0.16	5	5.8	5.0		
STD OREAS131B	Standard																				0.022
STD OREAS131B	Standard																				0.022
STD OREAS131B	Standard																				0.021
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				

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QUALITY CONTROL REPORT WHI11000234.1

		7TD Zn % 0.01	7TD Ag gm/t 2
DUP 1064615	QC		
1064650	Drill Core		
DUP 1064650	QC		
1064686	Drill Core		
DUP 1064686	QC		
1064721	Drill Core		
DUP 1064721	QC		
Reference Materials			
STD AGPROOF	Standard		
STD CDN-ME-3	Standard		
STD CDN-ME-3	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD OREAS131B	Standard	3.15	34
STD OREAS131B	Standard	3.11	34
STD OREAS131B	Standard	3.12	35
STD OXH82	Standard		
STD OXH82	Standard		
STD OXH82	Standard		

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		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		1.190																		
STD OXH82	Standard		1.356																		
STD OXH82	Standard		1.376																		
STD OXH82	Standard		1.261																		
STD OXH82	Standard		1.284																		
STD OXK79	Standard		3.685																		
STD OXK79	Standard		3.809																		
STD OXK79	Standard		3.803																		
STD OXK79	Standard		3.595																		
STD OXK79	Standard		3.677																		
STD OXK79	Standard		3.878																		
STD OXK79	Standard		3.480																		
STD OXK79	Standard		3.468																		
STD R4T	Standard																				
STD R4T	Standard																				
STD R4T	Standard																				
STD SU-1B	Standard																				
STD SU-1B	Standard																				
STD SU-1B	Standard																				
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD R4T Expected																					
STD OREAS131B Expected																					
STD SU-1B Expected																					
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 CDN-ME-3 Expected																					
STD AGPROOF Expected																					
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		

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		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	G6Gr Au gm/t 0.9	7TD Cu % 0.001
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 OXK79	Standard																				
STD R4T	Standard																				0.515
STD R4T	Standard																				0.519
STD R4T	Standard																				0.511
STD SU-1B	Standard																				1.213
STD SU-1B	Standard																				1.191
STD SU-1B	Standard																				1.184
STD OXH82 Expected																					
STD OXK79 Expected																					
STD R4T Expected																					0.502
STD OREAS131B Expected																					0.0216
STD SU-1B Expected																					1.185
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 CDN-ME-3 Expected																				9.77	
STD AGPROOF Expected																				0	
BLK	Blank																				
BLK	Blank																				

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		7TD Zn % 0.01	7TD Ag gm/t 2
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 OXK79	Standard		
STD R4T	Standard	3.45	89
STD R4T	Standard	3.47	90
STD R4T	Standard	3.40	90
STD SU-1B	Standard	0.03	7
STD SU-1B	Standard	0.03	8
STD SU-1B	Standard	0.03	8
STD OXH82 Expected			
STD OXK79 Expected			
STD R4T Expected		3.376	86
STD OREAS131B Expected		3.14	33.3
STD SU-1B Expected		0.0235	6.4
STD DS8 Expected			
STD CDN-ME-3 Expected			
STD AGPROOF Expected			
BLK	Blank		
BLK	Blank		

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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: Charlotte Project
Report Date: June 30, 2011

QUALITY CONTROL REPORT WHI11000234.1

		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		<0.005																		
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	0.8	<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																				
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																				
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																				
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																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		<0.005	0.2	4.5	3.4	51	0.3	4.2	4.5	572	1.97	<0.5	2.0	5.0	65	<0.1	1.8	0.1	38	0.46
G1	Prep Blank		<0.005	0.1	2.9	3.0	52	<0.1	4.1	4.7	580	2.01	<0.5	1.4	5.5	55	<0.1	0.2	<0.1	39	0.46

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

Project: Charlotte Project
Report Date: June 30, 2011

QUALITY CONTROL REPORT WHI11000234.1

		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	G6Gr Au gm/t 0.9	7TD Cu % 0.001
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																				
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																				
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																			<0.9	
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
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																			<0.9	
BLK	Blank																			<0.9	
Prep Wash																					
G1	Prep Blank	0.081	9	7	0.59	230	0.132	1	1.05	0.099	0.49	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.088	9	7	0.61	233	0.135	2	1.05	0.098	0.50	<0.1	<0.01	1.7	0.3	<0.05	5	<0.5	<0.2		

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: June 30, 2011

QUALITY CONTROL REPORT WHI11000234.1

		7TD Zn % 0.01	7TD Ag gm/t 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	<0.01	<2
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank	<0.01	<2
BLK	Blank	<0.01	<2
BLK	Blank		
BLK	Blank		
BLK	Blank		
Prep Wash			
G1	Prep Blank		
G1	Prep Blank		

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

Submitted By: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: July 25, 2011
Report Date: July 29, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11000234R.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-02
P.O. Number
Number of Samples: 8

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
G6	7	Lead collection fire assay fusion - Grav finish	30	Completed	VAN
7TD1	5	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

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.

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



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

Project: Charlotte Project
Report Date: July 29, 2011

CERTIFICATE OF ANALYSIS WHI11000234R.1

Method		G6Gr	7TD
Analyte		Ag	Pb
Unit		gm/t	%
MDL		50	0.02
1064691	Drill Core	674	3.39
1064692	Drill Core	427	3.38
1064693	Drill Core	141	1.17
1064694	Drill Core	90	1.17
1064697	Drill Core	120	N.A.
1064698	Drill Core	106	N.A.
1064699	Drill Core	N.A.	0.88
1064714	Drill Core	102	N.A.

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

Project: Charlotte Project
Report Date: July 29, 2011

QUALITY CONTROL REPORT WHI11000234R.1

		Method	G6Gr	7TD
		Analyte	Ag	Pb
		Unit	gm/t	%
		MDL	50	0.02
Pulp Duplicates				
1064691	Drill Core		674	3.39
REP 1064691	QC		572	
Reference Materials				
STD CDN-ME-3	Standard		258	
STD OREAS131B	Standard			1.80
STD R4T	Standard			1.47
STD SU-1B	Standard			<0.02
STD R4T Expected				1.518
STD OREAS131B Expected				1.86
STD SU-1B Expected				0.0058
STD CDN-ME-3 Expected			276	
BLK	Blank			<0.02
BLK	Blank		<50	

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

Submitted By: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: June 17, 2011
Report Date: July 12, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI11000245.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-03
P.O. Number
Number of Samples: 116

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	109	Crush split and pulverize 250g drill core to 200 mesh			WHI
1DX2	115	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G601	115	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
G6Gr	3	Lead collection fire assay 30G fusion - Grav finish	30	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

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

Project: Charlotte Project
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000245.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	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
1064726	Rock Pulp	0.14	10.0	132.7	7.2	51	0.2	25.5	35.4	479	3.05	1331	374.3	2.9	67	0.2	1.9	4.0	74	1.29	0.057
1064727	Drill Core	1.32	0.5	44.1	65.1	300	0.2	10.0	17.9	259	2.86	89.9	24.6	5.3	148	2.0	5.8	0.5	98	0.18	0.064
1064728	Drill Core	3.70	3.3	12.9	129.2	151	1.5	1.0	0.3	48	1.03	413.1	14.5	10.1	10	6.8	12.6	0.2	<2	0.05	0.009
1064729	Drill Core	4.84	2.2	4.6	17.5	24	1.0	1.2	0.2	26	0.41	52.5	2.9	5.7	10	0.7	1.9	0.2	<2	0.04	0.003
1064730	Drill Core	5.29	27.8	31.3	4.5	280	<0.1	5.0	12.9	809	3.63	14.2	10.0	1.2	49	2.4	2.7	0.3	93	1.60	0.173
1064731	Drill Core	5.53	5.1	1.4	3.3	51	<0.1	4.4	9.6	590	2.77	2.0	4.0	0.7	41	<0.1	0.7	<0.1	80	1.83	0.158
1064732	Drill Core	4.09	2.9	24.2	2.8	53	<0.1	4.4	11.2	549	2.80	2.4	13.8	0.9	46	<0.1	0.9	<0.1	77	1.65	0.146
1064733	Drill Core	4.25	4.8	4.0	3.3	50	<0.1	4.1	9.8	532	2.57	2.3	1.7	0.9	47	0.1	0.9	<0.1	74	1.75	0.147
1064734	Drill Core	3.04	3.9	7.5	5.6	92	<0.1	10.2	16.0	792	3.63	24.5	6.1	1.6	29	<0.1	19.6	0.6	100	1.28	0.146
1064735	Drill Core	2.11	3.1	7.6	6.2	100	<0.1	11.1	15.9	991	4.04	25.2	4.3	1.7	40	0.1	21.9	0.5	114	1.66	0.152
1064736	Drill Core	2.74	0.5	26.4	114.3	418	0.8	81.4	18.3	1982	4.75	12.4	19.3	2.0	44	4.3	10.7	0.4	139	2.46	0.236
1064737	Drill Core	5.51	0.8	26.4	505.4	933	2.9	20.1	15.1	3194	4.47	128.1	91.8	2.1	45	12.1	10.3	1.0	62	2.46	0.121
1064738	Drill Core	3.38	10.7	8.4	26.4	338	0.2	9.3	18.4	1955	4.45	83.5	56.8	2.6	43	0.7	23.3	0.6	83	2.30	0.112
1064739	Drill Core	2.29	0.8	25.8	257.3	1015	1.8	10.8	24.4	2223	4.48	1088	461.9	1.7	76	12.3	16.3	0.3	78	3.89	0.189
1064740	Drill Core	3.29	1.3	83.7	469.2	1997	6.9	13.6	27.4	3202	6.77	1551	803.4	1.8	28	43.1	22.4	0.2	25	2.17	0.168
1064741	Drill Core	3.33	23.4	50.6	1877	2979	11.2	21.1	31.0	82	9.95	5714	1891	1.2	4	63.5	39.8	1.2	15	0.28	0.112
1064742	Drill Core	4.07	2.2	2884	>10000	>10000	>100	6.9	7.5	534	20.46	>10000	8867	0.2	2	1110	>2000	5.9	6	0.10	0.021
1064743	Drill Core	4.44	113.6	83.8	2511	6012	20.6	11.3	15.8	1394	8.38	7707	2785	1.0	9	89.8	190.8	1.0	12	0.81	0.070
1064744	Drill Core	5.65	0.4	37.2	153.2	3214	1.3	13.7	26.2	2559	6.14	417.3	198.6	1.1	39	11.3	38.8	0.1	98	2.24	0.154
1064745	Drill Core	6.24	0.2	38.6	7.4	284	0.1	8.1	17.9	822	3.94	20.4	12.1	1.4	38	0.5	4.3	0.1	127	2.31	0.182
1064746	Rock Pulp	0.14	526.6	4414	30.4	23	14.1	7.6	5.0	291	1.26	12.3	828.9	0.9	248	<0.1	29.7	2.2	10	0.88	0.040
1064747	Drill Core	6.90	0.2	15.8	16.5	74	0.3	6.0	14.8	652	3.43	11.8	11.7	1.7	44	0.4	3.7	<0.1	108	2.13	0.148
1064748	Drill Core	6.14	1.2	8.5	4.5	58	<0.1	6.8	14.4	577	3.31	4.5	5.9	1.7	42	0.2	1.4	0.1	104	2.02	0.136
1064749	Drill Core	6.41	10.5	9.7	2.8	49	<0.1	5.8	14.0	616	3.21	5.4	4.2	0.8	46	<0.1	5.8	0.2	88	2.35	0.178
1064750	Drill Core	4.39	0.1	46.3	4.4	52	0.1	7.5	27.9	596	4.52	3.0	6.2	0.5	38	0.1	2.1	0.1	136	2.09	0.143
1064751	Drill Core	4.22	62.9	40.0	6.1	93	0.1	16.6	30.4	2334	7.79	27.0	8.4	1.8	56	0.2	8.5	0.1	148	2.79	0.155
1064752	Drill Core	6.70	4.0	25.5	2.6	56	<0.1	7.2	16.3	624	4.20	2.9	1.5	0.9	34	0.1	0.9	<0.1	137	2.11	0.156
1064753	Drill Core	4.22	0.6	36.2	1.8	57	<0.1	9.4	23.7	658	4.41	5.0	12.5	1.7	25	<0.1	0.7	0.2	154	1.38	0.089
1064754	Drill Core	3.84	0.4	44.1	3.9	48	<0.1	4.2	13.0	419	3.02	7.8	54.2	2.6	25	<0.1	1.0	0.5	82	0.70	0.073
1064755	Drill Core	1.48	0.4	17.6	4.5	54	0.5	14.4	14.1	438	3.97	17.8	4.6	3.0	23	0.1	1.9	0.2	113	0.95	0.076

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

Project: Charlotte Project
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000245.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	G6Gr
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	0.005	0.9
1064726	Rock Pulp	6	44	0.75	126	0.100	1	1.63	0.177	0.23	0.3	<0.01	2.4	<0.1	0.13	4	2.4	0.5	0.380	
1064727	Drill Core	16	17	0.89	297	0.073	2	1.79	0.009	0.96	0.2	0.21	14.1	0.7	0.44	6	0.7	0.2	0.023	
1064728	Drill Core	4	5	0.02	83	<0.001	2	0.28	0.006	0.21	0.4	0.02	0.7	0.2	0.09	<1	<0.5	<0.2	0.019	
1064729	Drill Core	7	5	0.03	63	<0.001	3	0.45	0.004	0.30	0.1	<0.01	0.4	0.2	0.08	<1	<0.5	<0.2	<0.005	
1064730	Drill Core	4	17	1.28	165	0.111	<1	1.92	0.073	0.67	0.2	0.01	7.6	0.8	0.25	7	<0.5	<0.2	0.007	
1064731	Drill Core	3	21	1.26	123	0.106	<1	1.50	0.117	0.46	<0.1	<0.01	7.0	0.3	<0.05	6	<0.5	<0.2	0.011	
1064732	Drill Core	3	22	1.22	113	0.083	<1	1.51	0.083	0.49	<0.1	<0.01	6.8	0.3	0.06	6	<0.5	<0.2	0.014	
1064733	Drill Core	3	21	1.16	79	0.071	1	1.38	0.084	0.34	<0.1	<0.01	7.3	0.2	<0.05	6	<0.5	<0.2	<0.005	
1064734	Drill Core	6	28	1.45	100	0.038	<1	2.08	0.003	0.74	1.3	0.03	9.0	1.0	0.42	7	<0.5	<0.2	0.005	
1064735	Drill Core	8	35	1.66	108	0.050	<1	2.44	0.010	0.78	1.6	0.03	10.8	1.0	0.38	8	<0.5	<0.2	<0.005	
1064736	Drill Core	11	110	1.85	83	0.030	<1	2.46	0.003	0.41	0.9	0.05	17.0	0.6	0.20	9	<0.5	<0.2	0.033	
1064737	Drill Core	7	18	0.89	33	0.002	1	0.82	0.003	0.21	0.5	0.28	10.2	0.8	1.04	3	0.6	<0.2	0.434	
1064738	Drill Core	8	20	1.05	90	0.019	<1	1.49	<0.001	0.31	3.9	0.05	8.8	0.4	1.18	6	<0.5	<0.2	0.063	
1064739	Drill Core	8	19	1.07	48	0.004	1	1.17	<0.001	0.21	0.9	0.23	12.2	0.7	3.16	4	<0.5	<0.2	0.469	
1064740	Drill Core	2	6	0.69	31	0.001	5	0.56	0.003	0.32	0.2	0.23	6.9	1.5	7.18	2	0.8	<0.2	0.792	
1064741	Drill Core	<1	6	0.03	20	<0.001	4	0.38	0.003	0.26	0.6	0.39	2.7	2.2	9.98	1	1.1	0.3	1.938	
1064742	Drill Core	<1	14	0.02	3	<0.001	2	0.19	<0.001	0.11	0.2	1.84	1.2	2.4	>10	3	4.6	0.3	>10	9.9
1064743	Drill Core	<1	8	0.20	18	<0.001	4	0.34	0.002	0.24	0.2	0.21	3.1	1.4	8.38	1	1.0	<0.2	2.754	
1064744	Drill Core	4	25	1.54	64	0.072	3	1.77	0.070	0.61	0.1	0.05	15.0	1.1	3.21	5	<0.5	<0.2	0.206	
1064745	Drill Core	5	27	1.91	247	0.141	<1	1.99	0.119	0.54	<0.1	<0.01	11.9	0.3	0.28	7	<0.5	<0.2	0.020	
1064746	Rock Pulp	5	11	0.09	171	0.005	<1	0.44	0.038	0.20	0.2	2.28	0.5	<0.1	0.75	2	<0.5	4.6	0.833	
1064747	Drill Core	6	22	1.79	426	0.157	1	1.81	0.140	0.57	<0.1	<0.01	9.3	0.1	0.15	7	<0.5	<0.2	0.018	
1064748	Drill Core	6	26	1.70	342	0.154	<1	1.74	0.141	0.63	<0.1	<0.01	8.5	0.1	0.28	7	<0.5	<0.2	0.009	
1064749	Drill Core	3	19	1.42	255	0.131	<1	1.63	0.098	0.43	<0.1	<0.01	7.0	<0.1	0.39	6	<0.5	<0.2	0.009	
1064750	Drill Core	2	14	1.36	165	0.181	<1	1.88	0.190	0.41	<0.1	<0.01	8.6	<0.1	0.60	7	<0.5	<0.2	0.010	
1064751	Drill Core	7	20	1.57	165	0.026	<1	1.36	0.004	0.33	0.2	0.24	18.8	0.7	0.81	5	0.8	<0.2	0.007	
1064752	Drill Core	3	19	1.68	207	0.169	<1	2.01	0.197	0.51	<0.1	<0.01	10.0	0.1	0.34	8	<0.5	<0.2	<0.005	
1064753	Drill Core	9	26	2.17	240	0.191	<1	2.85	0.148	1.00	1.1	<0.01	8.7	0.4	<0.05	8	<0.5	<0.2	0.018	
1064754	Drill Core	9	11	1.06	146	0.112	<1	1.50	0.097	0.47	3.6	<0.01	5.5	0.3	<0.05	6	<0.5	<0.2	0.048	
1064755	Drill Core	9	19	1.40	235	0.111	<1	2.73	0.045	0.69	1.0	<0.01	10.3	0.4	<0.05	8	<0.5	<0.2	<0.005	

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Project: Charlotte Project
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000245.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	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
1064756	Drill Core	3.76	0.5	39.2	7.0	88	<0.1	24.6	25.3	825	5.32	118.9	22.3	3.5	25	0.2	4.5	0.3	147	0.92	0.108
1064757	Drill Core	1.36	0.7	40.9	5.8	92	0.1	27.4	31.4	1241	5.54	138.4	18.3	3.2	25	0.2	4.3	0.3	138	0.85	0.101
1064758	Drill Core	4.12	0.8	37.5	6.3	108	<0.1	10.9	26.4	1254	5.83	127.1	32.8	2.4	32	0.1	4.6	0.3	135	0.84	0.114
1064759	Drill Core	4.84	0.7	44.0	4.8	106	<0.1	10.1	22.2	969	4.12	100.5	25.8	1.1	65	0.5	6.4	0.6	132	1.53	0.084
1064760	Drill Core	5.42	0.4	14.5	2.2	54	<0.1	7.8	16.3	532	3.36	6.8	76.1	1.5	61	0.1	1.2	0.5	138	2.00	0.091
1064761	Drill Core	7.81	0.4	34.1	2.1	52	<0.1	6.6	16.6	525	3.47	8.1	7.2	2.6	34	<0.1	2.1	0.3	135	1.43	0.082
1064762	Drill Core	5.23	0.7	39.7	2.6	48	<0.1	13.1	15.6	444	3.02	7.5	45.8	4.1	35	<0.1	2.2	0.5	110	1.65	0.099
1064763	Drill Core	3.56	0.4	64.8	4.5	86	0.2	15.7	18.0	759	4.74	98.5	37.2	3.0	39	0.2	15.6	0.9	142	4.18	0.068
1064764	Drill Core	5.22	0.6	46.0	3.2	134	0.1	7.8	13.4	883	3.23	45.0	4.6	4.4	22	<0.1	10.3	0.3	109	0.63	0.091
1064765	Drill Core	3.20	0.6	21.2	2.9	290	<0.1	14.9	15.5	1008	4.30	17.7	1.1	1.9	34	0.4	5.0	0.2	171	0.86	0.051
1064766	Rock Pulp	0.14	305.5	1917	32.6	119	14.1	4.8	5.9	415	1.51	14.6	233.8	1.3	267	0.5	31.3	1.3	17	1.26	0.041
1064767	Drill Core	4.23	1.5	19.3	16.6	258	0.2	6.3	6.0	921	2.17	243.3	5.4	6.1	11	0.6	13.7	1.3	27	0.13	0.013
1064768	Drill Core	6.19	1.2	18.7	36.7	252	0.2	2.2	0.9	351	2.08	368.0	4.0	11.2	11	0.3	28.3	0.8	<2	0.06	0.016
1064769	Drill Core	3.92	1.9	5.7	17.2	389	0.1	8.3	2.6	1089	2.85	1076	4.0	10.5	22	0.8	70.6	0.8	2	0.12	0.016
1064770	Drill Core	4.87	4.9	3.4	10.4	251	<0.1	3.7	2.0	293	1.74	625.3	4.6	4.4	14	0.7	30.7	0.3	8	0.10	0.021
1064771	Drill Core	5.09	1.5	9.7	5.8	133	<0.1	1.7	1.2	304	1.23	445.5	4.8	5.2	14	0.4	24.9	0.2	<2	0.09	0.010
1064772	Drill Core	3.27	1.0	3.2	3.8	85	<0.1	1.1	1.3	220	0.99	307.0	2.5	8.2	8	0.2	20.3	0.3	<2	0.07	0.008
1064773	Drill Core	2.91	0.7	2.4	4.2	81	<0.1	0.9	0.9	157	1.13	420.3	1.9	9.4	5	0.2	33.2	0.4	<2	0.06	0.008
1064774	Drill Core	5.63	3.7	20.3	16.3	394	0.1	12.7	10.1	993	3.20	271.3	4.7	3.5	15	0.3	25.3	0.2	23	0.25	0.052
1064775	Drill Core	4.32	1.5	33.3	5.2	324	<0.1	2.1	5.3	659	3.13	338.2	7.3	3.7	16	0.3	30.6	0.2	16	0.23	0.054
1064776	Drill Core	4.09	0.7	9.7	3.0	266	<0.1	19.7	8.5	1187	2.62	31.8	1.0	2.5	23	0.3	2.8	0.1	58	0.50	0.069
1064777	Rock	1.24	<0.1	2.0	1.5	12	<0.1	2.1	0.4	218	0.41	2.4	<0.5	<0.1	41	<0.1	0.1	<0.1	<2	17.14	0.013
1064778	Drill Core	2.93	0.7	5.9	9.0	638	0.1	132.3	19.8	1129	3.84	553.3	3.7	2.5	19	2.8	27.9	0.6	41	0.44	0.060
1064779	Drill Core	2.95	0.6	8.2	4.2	232	<0.1	6.4	6.7	435	2.24	370.3	3.0	2.8	13	2.4	21.7	0.2	16	0.18	0.038
1064780	Drill Core	1.62	0.4	13.5	3.8	240	<0.1	3.3	6.5	476	2.27	292.7	6.9	2.0	14	1.4	16.0	<0.1	26	0.21	0.035
1064781	Drill Core	3.78	0.3	6.6	2.9	202	<0.1	1.8	2.3	251	1.97	221.6	1.3	2.4	14	1.4	11.7	0.1	15	0.18	0.042
1064782	Drill Core	4.50	0.4	22.1	3.3	245	<0.1	1.4	3.8	255	2.79	296.1	13.0	3.7	13	1.7	15.3	0.4	14	0.22	0.049
1064783	Drill Core	4.59	0.2	6.2	5.2	107	<0.1	1.0	0.9	75	0.99	243.7	1.7	1.4	13	1.8	14.0	<0.1	5	0.09	0.015
1064784	Drill Core	2.82	0.1	4.5	4.5	102	<0.1	0.5	0.7	51	0.83	261.1	0.7	0.5	13	2.5	14.8	<0.1	3	0.09	0.009
1064785	Rock Pulp	0.14	9.3	124.6	7.3	49	0.2	25.5	34.3	504	3.05	1253	356.5	3.1	80	0.3	2.1	4.3	84	1.29	0.054

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Project: Charlotte Project
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000245.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	G6Gr
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Au
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	0.005	0.9
1064756	Drill Core	14	32	1.34	211	0.076	1	3.02	0.042	0.58	0.2	<0.01	13.4	0.4	<0.05	9	<0.5	<0.2	0.022	
1064757	Drill Core	15	29	1.33	264	0.070	1	2.92	0.028	0.59	0.3	<0.01	12.6	0.5	<0.05	9	<0.5	<0.2	0.022	
1064758	Drill Core	13	18	1.21	140	0.017	2	3.04	0.024	0.28	0.2	0.02	12.6	0.3	<0.05	8	<0.5	<0.2	0.024	
1064759	Drill Core	5	19	1.54	107	0.083	3	2.36	0.089	0.23	6.3	<0.01	10.7	0.2	<0.05	6	<0.5	<0.2	0.015	
1064760	Drill Core	7	23	1.76	116	0.138	1	2.28	0.180	0.37	0.7	<0.01	9.1	0.1	<0.05	7	<0.5	<0.2	0.047	
1064761	Drill Core	10	15	1.53	136	0.158	1	1.96	0.109	0.45	0.3	<0.01	7.6	0.2	<0.05	7	<0.5	<0.2	0.007	
1064762	Drill Core	12	61	1.36	61	0.141	<1	1.60	0.103	0.25	2.9	<0.01	7.2	0.3	0.14	6	<0.5	<0.2	0.046	
1064763	Drill Core	13	43	0.93	21	0.006	<1	1.97	0.017	0.10	0.5	0.03	14.6	0.3	<0.05	6	0.5	<0.2	0.015	
1064764	Drill Core	13	29	1.29	76	0.111	<1	1.73	0.078	0.42	1.0	<0.01	8.3	0.3	<0.05	6	<0.5	<0.2	<0.005	
1064765	Drill Core	7	31	1.97	153	0.110	<1	3.01	0.035	0.95	0.4	<0.01	14.5	0.5	<0.05	8	<0.5	<0.2	<0.005	
1064766	Rock Pulp	8	8	0.17	288	0.009	2	0.45	0.053	0.19	0.6	0.68	1.0	<0.1	0.38	2	0.8	1.7	0.221	
1064767	Drill Core	17	7	0.14	34	0.002	<1	0.69	0.010	0.15	0.1	0.04	4.8	0.1	<0.05	2	<0.5	0.5	<0.005	
1064768	Drill Core	26	7	0.03	65	<0.001	2	0.40	0.007	0.14	0.1	0.03	1.4	0.2	<0.05	<1	<0.5	0.2	<0.005	
1064769	Drill Core	31	4	0.07	186	<0.001	2	0.44	0.021	0.12	0.3	0.01	2.3	0.4	0.06	1	0.9	<0.2	<0.005	
1064770	Drill Core	17	5	0.06	94	<0.001	1	0.48	0.018	0.13	0.1	0.03	1.8	0.1	<0.05	1	0.6	<0.2	<0.005	
1064771	Drill Core	17	7	0.07	137	<0.001	1	0.61	0.021	0.11	<0.1	0.01	1.1	0.1	<0.05	1	<0.5	<0.2	<0.005	
1064772	Drill Core	16	3	0.06	58	<0.001	<1	0.43	0.025	0.09	<0.1	<0.01	1.2	<0.1	<0.05	1	<0.5	<0.2	<0.005	
1064773	Drill Core	12	3	0.05	21	<0.001	<1	0.45	0.021	0.06	<0.1	<0.01	1.5	<0.1	<0.05	<1	<0.5	<0.2	<0.005	
1064774	Drill Core	15	19	0.59	119	0.056	<1	1.45	0.019	0.39	0.2	0.02	8.4	0.2	<0.05	5	<0.5	<0.2	<0.005	
1064775	Drill Core	15	6	0.43	60	0.044	<1	1.33	0.042	0.30	<0.1	0.03	7.4	0.2	<0.05	5	<0.5	<0.2	0.007	
1064776	Drill Core	8	34	0.95	142	0.140	<1	1.33	0.099	0.59	0.1	<0.01	6.8	0.3	0.06	6	<0.5	<0.2	<0.005	
1064777	Rock	<1	<1	11.27	13	0.001	<1	0.02	0.003	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	0.5	<0.2	<0.005	
1064778	Drill Core	11	144	1.47	150	0.048	2	1.91	0.025	0.67	0.2	<0.01	6.6	0.4	<0.05	10	<0.5	<0.2	<0.005	
1064779	Drill Core	10	6	0.33	66	0.034	<1	1.00	0.051	0.22	<0.1	<0.01	4.3	0.1	<0.05	4	<0.5	<0.2	<0.005	
1064780	Drill Core	8	4	0.50	102	0.048	<1	1.11	0.046	0.38	<0.1	<0.01	5.1	0.2	<0.05	4	<0.5	<0.2	<0.005	
1064781	Drill Core	8	7	0.54	98	0.075	<1	1.05	0.082	0.35	<0.1	<0.01	5.8	0.1	<0.05	5	<0.5	<0.2	<0.005	
1064782	Drill Core	9	3	0.46	90	0.062	<1	1.28	0.048	0.38	<0.1	<0.01	6.6	0.3	0.08	5	<0.5	<0.2	0.012	
1064783	Drill Core	4	6	0.08	40	0.005	<1	0.50	0.073	0.10	<0.1	<0.01	1.6	<0.1	<0.05	2	<0.5	<0.2	<0.005	
1064784	Drill Core	1	2	0.07	39	<0.001	<1	0.45	0.055	0.07	<0.1	<0.01	0.4	<0.1	<0.05	1	<0.5	<0.2	<0.005	
1064785	Rock Pulp	6	44	0.75	120	0.127	3	1.65	0.182	0.25	0.4	<0.01	2.2	<0.1	0.14	5	2.8	0.7	0.397	

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CERTIFICATE OF ANALYSIS WHI11000245.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	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
1064786	Drill Core	3.36	0.7	10.7	11.4	279	<0.1	1.6	2.3	181	1.68	448.2	1.8	0.9	13	5.2	17.8	<0.1	5	0.13	0.018
1064787	Drill Core	5.16	0.2	5.9	7.0	170	<0.1	1.0	1.4	91	0.84	130.5	1.3	0.3	11	1.5	5.1	<0.1	6	0.09	0.018
1064788	Drill Core	5.93	4.8	7.1	9.2	179	<0.1	0.8	1.7	189	0.80	93.3	3.5	0.4	12	1.7	5.4	0.1	5	0.09	0.019
1064789	Drill Core	4.39	0.7	11.1	16.4	210	<0.1	0.7	1.1	83	1.04	151.7	2.4	0.4	16	1.8	5.6	0.3	3	0.08	0.020
1064790	Drill Core	4.28	0.5	6.0	16.9	106	0.1	0.4	0.7	104	0.77	155.6	4.3	0.2	13	1.9	7.0	0.3	<2	0.05	0.014
1064791	Drill Core	5.55	2.1	13.2	17.4	207	0.1	2.0	5.0	593	1.26	60.4	3.5	0.7	16	4.8	6.3	0.4	18	0.29	0.031
1064792	Drill Core	5.67	0.3	8.6	14.2	407	<0.1	2.7	6.6	2137	1.00	136.6	2.4	0.5	12	6.5	10.2	0.2	17	0.20	0.026
1064793	Drill Core	5.62	0.7	39.9	8.3	620	<0.1	1.2	9.6	688	3.73	499.6	12.9	3.8	4	2.8	24.4	0.5	7	0.13	0.057
1064794	Drill Core	5.51	0.6	45.6	9.9	831	<0.1	1.7	13.2	1418	3.91	372.4	9.6	3.6	4	4.2	21.7	0.6	10	0.17	0.071
1064795	Rock	1.13	0.2	1.8	1.1	18	<0.1	1.3	0.7	209	0.42	3.7	2.0	<0.1	37	0.1	0.2	<0.1	<2	17.18	0.014
1064796	Drill Core	4.03	0.2	41.6	6.8	758	<0.1	1.8	10.8	1718	3.92	296.9	8.6	3.8	5	4.6	17.3	0.6	10	0.28	0.067
1064797	Drill Core	3.95	0.2	22.0	9.0	1107	<0.1	4.6	9.6	1739	2.90	165.6	4.9	2.0	28	7.3	10.5	0.5	11	0.55	0.048
1064798	Drill Core	4.72	0.3	7.1	10.1	282	<0.1	2.0	2.1	242	0.89	520.8	2.9	0.8	4	4.0	9.7	0.2	5	0.07	0.021
1064799	Drill Core	5.49	0.2	6.5	25.8	145	0.3	0.6	0.9	38	0.85	284.5	3.0	0.7	4	0.8	9.4	0.5	<2	0.07	0.012
1064800	Drill Core	3.72	<0.1	9.8	11.6	271	0.3	0.5	1.8	437	0.83	105.6	15.2	0.8	18	2.8	7.2	0.4	3	0.42	0.030
1064801	Drill Core	4.89	0.3	11.5	11.6	321	0.2	1.0	1.8	285	1.12	244.7	2.4	0.8	4	3.0	9.5	0.4	<2	0.10	0.017
1064802	Drill Core	2.87	0.7	9.1	15.0	205	0.2	0.8	1.2	39	1.29	337.2	2.8	1.5	4	1.0	17.0	0.6	<2	0.11	0.023
1064803	Drill Core	4.24	9.0	9.0	12.1	206	0.2	2.2	1.2	303	0.59	163.4	4.4	1.3	5	2.1	10.1	0.6	<2	0.08	0.017
1064804	Drill Core	5.23	0.3	2.7	7.8	188	<0.1	1.0	1.1	291	0.81	116.2	4.8	1.3	13	2.5	10.6	0.3	<2	0.50	0.016
1064805	Drill Core	4.73	0.2	4.2	31.3	270	<0.1	1.1	1.0	345	0.82	213.9	3.0	1.0	5	2.9	27.1	0.2	<2	0.14	0.011
1064806	Drill Core	4.61	0.1	4.0	54.5	133	0.9	0.7	0.8	119	0.63	145.9	19.5	0.8	11	1.6	24.1	0.2	<2	0.07	0.009
1064807	Drill Core	2.16	0.2	5.0	56.1	153	1.1	0.7	0.8	142	0.61	170.9	31.4	0.7	9	1.9	25.9	0.1	<2	0.08	0.008
1064808	Drill Core	4.55	0.2	2.7	11.3	205	<0.1	4.9	1.4	389	0.83	111.7	3.6	1.5	19	1.2	10.7	0.1	2	0.66	0.018
1064809	Drill Core	4.83	0.5	1.5	4.7	328	<0.1	9.1	2.1	552	1.14	157.0	<0.5	1.7	39	0.7	12.4	0.1	6	0.87	0.019
1064810	Drill Core	4.84	1.5	2.4	4.2	169	<0.1	0.8	1.1	331	0.71	54.4	<0.5	2.1	22	0.3	9.7	0.1	2	0.48	0.021
1064811	Drill Core	3.96	0.1	5.4	9.0	109	0.1	0.8	2.4	465	0.99	9.5	0.9	2.7	36	<0.1	4.2	0.4	3	1.18	0.027
1064812	Drill Core	5.30	0.1	3.1	6.4	222	<0.1	1.3	3.9	570	1.36	12.0	0.6	1.5	22	<0.1	5.7	0.2	12	0.74	0.041
1064813	Drill Core	3.80	0.1	1.7	4.7	196	<0.1	0.9	2.1	314	1.10	21.8	<0.5	1.7	30	<0.1	12.4	<0.1	8	0.36	0.033
1064814	Drill Core	2.63	0.4	14.2	5.3	281	<0.1	2.7	7.3	408	3.42	76.2	4.0	2.6	69	<0.1	22.9	0.2	23	0.42	0.047
1064815	Rock Pulp	0.14	517.9	4538	27.5	24	14.7	7.7	4.8	300	1.28	11.2	841.7	0.9	257	0.4	38.2	2.2	10	0.90	0.042

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Project: Charlotte Project
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000245.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	G6Gr
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	0.005	0.9
1064786	Drill Core	4	4	0.12	46	<0.001	<1	0.72	0.039	0.10	<0.1	<0.01	2.1	<0.1	<0.05	2	<0.5	<0.2	<0.005	
1064787	Drill Core	1	4	0.07	48	<0.001	<1	0.52	0.035	0.08	0.1	0.01	1.2	<0.1	<0.05	1	<0.5	<0.2	<0.005	
1064788	Drill Core	1	5	0.05	184	<0.001	<1	0.52	0.035	0.10	<0.1	<0.01	0.9	<0.1	<0.05	1	<0.5	<0.2	<0.005	
1064789	Drill Core	2	3	0.05	44	<0.001	1	0.45	0.040	0.11	<0.1	<0.01	0.7	<0.1	<0.05	<1	0.6	<0.2	0.005	
1064790	Drill Core	1	2	0.03	100	<0.001	2	0.44	0.004	0.14	<0.1	0.02	0.2	<0.1	<0.05	<1	<0.5	<0.2	0.007	
1064791	Drill Core	2	8	0.08	92	<0.001	1	0.68	0.002	0.10	<0.1	0.08	3.9	0.3	0.23	2	<0.5	<0.2	<0.005	
1064792	Drill Core	3	9	0.02	269	<0.001	1	0.62	0.002	0.10	<0.1	0.02	2.6	0.2	<0.05	1	0.5	<0.2	<0.005	
1064793	Drill Core	11	2	0.03	46	0.001	<1	1.00	<0.001	0.05	<0.1	0.27	9.2	0.2	0.26	3	0.5	<0.2	0.012	
1064794	Drill Core	12	2	0.06	55	<0.001	<1	0.87	<0.001	0.06	<0.1	0.29	8.9	0.3	0.39	2	0.7	<0.2	<0.005	
1064795	Rock	<1	<1	10.85	103	<0.001	<1	0.04	0.001	0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	<0.005	
1064796	Drill Core	13	1	0.13	101	0.002	<1	0.90	<0.001	0.05	0.1	0.36	10.3	0.2	0.54	4	0.6	<0.2	0.008	
1064797	Drill Core	7	4	0.21	100	<0.001	<1	1.07	0.004	0.09	<0.1	0.22	5.7	0.1	0.50	3	0.6	<0.2	<0.005	
1064798	Drill Core	3	4	0.03	269	<0.001	<1	0.62	0.001	0.12	<0.1	0.02	1.5	0.1	0.05	1	0.5	<0.2	<0.005	
1064799	Drill Core	2	2	0.03	188	<0.001	3	0.37	0.002	0.19	<0.1	<0.01	0.1	0.2	0.21	<1	<0.5	<0.2	<0.005	
1064800	Drill Core	2	2	0.14	193	<0.001	<1	0.42	0.002	0.19	<0.1	<0.01	1.2	0.2	0.56	<1	<0.5	<0.2	0.014	
1064801	Drill Core	2	<1	0.06	56	<0.001	<1	0.50	0.006	0.13	<0.1	<0.01	0.4	0.1	0.38	<1	<0.5	<0.2	<0.005	
1064802	Drill Core	3	2	0.04	46	<0.001	<1	0.52	0.001	0.11	<0.1	0.01	0.2	<0.1	0.34	<1	<0.5	0.2	<0.005	
1064803	Drill Core	3	4	0.03	227	<0.001	<1	0.50	0.003	0.11	<0.1	0.01	0.2	0.3	0.13	<1	<0.5	<0.2	<0.005	
1064804	Drill Core	3	5	0.18	260	<0.001	<1	0.51	0.001	0.11	<0.1	0.02	0.5	0.1	0.36	1	0.7	<0.2	<0.005	
1064805	Drill Core	2	3	0.05	298	<0.001	<1	0.42	0.001	0.12	<0.1	0.01	0.4	0.2	0.24	<1	<0.5	<0.2	<0.005	
1064806	Drill Core	2	4	0.02	342	<0.001	<1	0.28	0.002	0.17	<0.1	0.03	<0.1	0.2	0.26	<1	<0.5	<0.2	0.017	
1064807	Drill Core	2	4	0.03	340	<0.001	<1	0.23	0.002	0.15	<0.1	0.02	0.2	0.3	0.28	<1	<0.5	<0.2	0.030	
1064808	Drill Core	4	10	0.23	165	<0.001	<1	0.45	0.003	0.14	<0.1	<0.01	0.6	0.2	0.20	1	<0.5	<0.2	<0.005	
1064809	Drill Core	5	36	0.37	111	<0.001	<1	0.69	0.034	0.11	<0.1	0.02	1.3	0.1	0.15	2	0.6	<0.2	<0.005	
1064810	Drill Core	5	6	0.17	60	<0.001	<1	0.50	0.030	0.11	<0.1	<0.01	0.4	<0.1	0.13	1	<0.5	<0.2	<0.005	
1064811	Drill Core	5	3	0.28	33	<0.001	<1	0.58	0.007	0.10	<0.1	<0.01	1.0	<0.1	0.36	1	<0.5	<0.2	<0.005	
1064812	Drill Core	5	3	0.32	43	0.003	<1	0.96	0.008	0.12	<0.1	0.14	2.0	0.1	0.24	4	<0.5	<0.2	<0.005	
1064813	Drill Core	4	4	0.26	199	0.004	<1	0.94	0.022	0.10	<0.1	0.08	0.7	<0.1	0.11	3	<0.5	<0.2	<0.005	
1064814	Drill Core	7	7	0.81	278	0.048	<1	2.46	0.016	0.54	0.2	0.04	7.9	0.4	0.38	9	0.5	<0.2	<0.005	
1064815	Rock Pulp	5	11	0.11	211	0.005	<1	0.44	0.040	0.21	0.2	2.20	0.6	<0.1	0.75	2	0.5	5.3	0.937	

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Project: Charlotte Project
Report Date: July 12, 2011

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Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	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
1064816	Drill Core	2.59	0.3	25.0	7.6	326	0.1	1.4	6.7	326	2.79	108.8	9.0	2.3	27	0.2	16.8	0.4	7	0.40	0.035
1064817	Drill Core	4.65	0.1	3.4	6.9	148	<0.1	1.6	1.8	430	0.92	72.6	8.6	1.2	37	0.6	12.4	0.2	5	0.90	0.014
1064818	Drill Core	1.87	0.2	15.0	8.0	430	<0.1	2.0	8.4	1514	3.30	175.3	2.6	3.4	16	0.5	31.3	0.2	13	0.46	0.060
1064819	Drill Core	3.95	0.3	62.5	4.9	197	0.3	4.1	7.8	554	2.18	39.5	7.3	2.1	39	0.1	13.5	0.2	20	0.57	0.034
1064820	Drill Core	2.41	0.5	50.0	12.6	479	0.5	6.7	10.5	1894	3.02	174.8	21.8	3.0	109	1.5	19.0	0.2	21	2.43	0.045
1064821	Drill Core	5.98	0.2	253.5	8.8	331	1.0	1.3	6.3	689	2.49	95.3	16.2	2.0	25	0.5	19.7	0.2	6	0.66	0.041
1064822	Drill Core	3.17	0.3	18.9	6.0	823	<0.1	1.4	6.7	1025	2.25	7.8	3.6	1.0	17	1.6	8.4	0.4	33	0.38	0.040
1064823	Drill Core	3.46	<0.1	9.4	6.1	389	<0.1	0.8	2.9	276	0.72	9.4	1.7	0.4	14	2.8	5.8	0.2	6	0.22	0.015
1064824	Drill Core	4.89	0.5	10.2	9.0	535	0.2	0.7	1.7	292	0.86	99.3	2.6	0.4	20	4.3	17.3	0.2	2	0.29	0.016
1064825	Drill Core	4.91	0.1	99.0	1059	1461	55.1	0.7	2.0	294	0.99	324.5	110.3	0.5	12	20.1	79.6	0.4	<2	0.29	0.017
1064826	Drill Core	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1064827	Drill Core	4.07	0.2	17.0	31.8	456	0.7	0.4	2.5	698	0.98	62.8	11.0	0.8	25	1.5	15.9	0.4	<2	0.73	0.013
1064828	Drill Core	5.94	0.1	6.5	10.7	141	0.2	0.8	2.4	537	0.82	40.0	5.1	1.0	39	0.4	6.5	0.4	7	0.96	0.026
1064829	Drill Core	5.76	5.6	3.8	6.5	173	<0.1	0.7	1.7	416	0.85	5.5	2.1	1.1	21	0.2	4.9	0.3	4	0.50	0.017
1064830	Drill Core	4.51	0.5	12.7	17.4	148	2.0	2.7	1.6	310	0.82	188.0	42.9	1.5	8	1.6	12.4	0.5	<2	0.24	0.012
1064831	Drill Core	4.08	0.2	11.4	14.4	417	0.3	0.6	2.2	643	0.68	18.3	6.7	1.4	9	1.7	7.9	0.6	<2	0.28	0.014
1064832	Drill Core	4.17	0.1	9.5	15.9	293	0.2	1.6	1.4	123	0.23	25.4	39.8	0.9	4	4.1	11.9	1.3	<2	0.07	0.017
1064833	Rock Pulp	0.14	8.3	123.7	17.7	57	>100	15.9	11.2	595	3.52	232.9	13444	3.1	70	0.4	9.6	18.1	71	1.53	0.047
1064834	Drill Core	3.69	0.1	13.2	41.8	565	1.0	1.5	2.6	425	0.90	1105	246.9	1.2	4	7.4	15.3	0.3	<2	0.13	0.015
1064835	Drill Core	1.94	0.3	94.2	909.1	3489	45.8	2.5	16.1	1565	4.55	1504	488.6	1.5	6	51.1	113.9	3.3	<2	0.32	0.015

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	0.005	0.9
1064816	Drill Core	6	2	0.45	92	0.004	<1	1.62	0.012	0.13	<0.1	0.08	3.8	0.2	0.74	5	<0.5	<0.2	0.010	
1064817	Drill Core	4	5	0.31	31	<0.001	<1	0.61	0.004	0.11	<0.1	0.03	1.1	<0.1	0.18	2	<0.5	<0.2	0.008	
1064818	Drill Core	22	2	0.31	42	0.030	<1	1.01	<0.001	0.22	0.3	0.19	8.6	0.3	0.38	6	<0.5	<0.2	<0.005	
1064819	Drill Core	8	20	0.53	117	0.031	<1	1.19	0.035	0.33	0.3	0.05	5.9	0.2	0.46	5	<0.5	<0.2	0.010	
1064820	Drill Core	12	14	0.89	24	0.003	<1	1.01	0.003	0.15	0.1	0.26	8.1	0.1	0.58	4	1.0	<0.2	0.025	
1064821	Drill Core	9	2	0.43	43	0.010	<1	1.29	0.031	0.13	<0.1	0.08	5.7	0.2	0.37	4	<0.5	<0.2	0.014	
1064822	Drill Core	4	8	0.44	80	0.008	<1	1.45	0.024	0.23	<0.1	0.02	4.9	0.2	0.37	4	<0.5	<0.2	<0.005	
1064823	Drill Core	2	4	0.16	43	<0.001	<1	0.70	0.034	0.08	<0.1	0.03	0.9	<0.1	0.19	2	<0.5	<0.2	<0.005	
1064824	Drill Core	1	2	0.28	88	<0.001	<1	1.16	0.013	0.09	<0.1	<0.01	0.5	<0.1	0.25	2	<0.5	<0.2	<0.005	
1064825	Drill Core	<1	3	0.11	132	<0.001	<1	0.38	0.003	0.18	<0.1	0.05	0.3	0.3	0.87	<1	<0.5	<0.2	0.111	
1064826	Drill Core	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	
1064827	Drill Core	2	3	0.26	33	<0.001	<1	0.58	0.004	0.11	<0.1	0.02	0.3	0.1	0.55	1	<0.5	<0.2	0.006	
1064828	Drill Core	3	4	0.26	49	<0.001	<1	0.70	0.022	0.10	<0.1	0.04	1.3	<0.1	0.32	2	<0.5	<0.2	<0.005	
1064829	Drill Core	3	5	0.25	68	<0.001	<1	0.76	0.030	0.10	<0.1	0.02	0.7	<0.1	0.23	2	<0.5	<0.2	<0.005	
1064830	Drill Core	3	4	0.11	113	<0.001	3	0.33	0.002	0.16	0.1	0.02	0.2	0.2	0.71	<1	<0.5	<0.2	0.049	
1064831	Drill Core	3	4	0.15	41	<0.001	1	0.56	0.003	0.10	<0.1	0.02	0.4	<0.1	0.29	1	<0.5	<0.2	<0.005	
1064832	Drill Core	2	2	0.03	32	<0.001	<1	0.56	<0.001	0.08	0.1	0.03	0.4	<0.1	0.13	<1	<0.5	0.6	0.045	
1064833	Rock Pulp	7	24	0.71	110	0.132	4	1.62	0.165	0.20	4.3	0.53	2.5	0.2	0.18	5	5.7	2.6	>10	12.5
1064834	Drill Core	2	3	0.05	42	<0.001	2	0.41	0.002	0.20	0.1	0.02	0.6	0.3	0.70	<1	<0.5	<0.2	0.237	
1064835	Drill Core	2	2	0.15	47	<0.001	2	0.28	0.001	0.14	0.2	0.14	0.3	0.8	4.62	<1	1.8	0.4	0.599	

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000245.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	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																					
1064751	Drill Core	4.22	62.9	40.0	6.1	93	0.1	16.6	30.4	2334	7.79	27.0	8.4	1.8	56	0.2	8.5	0.1	148	2.79	0.155
REP 1064751	QC		63.2	39.6	5.6	91	0.1	17.0	29.9	2276	7.63	25.7	5.6	1.7	55	0.2	8.3	0.1	148	2.77	0.143
1064753	Drill Core	4.22	0.6	36.2	1.8	57	<0.1	9.4	23.7	658	4.41	5.0	12.5	1.7	25	<0.1	0.7	0.2	154	1.38	0.089
REP 1064753	QC																				
1064773	Drill Core	2.91	0.7	2.4	4.2	81	<0.1	0.9	0.9	157	1.13	420.3	1.9	9.4	5	0.2	33.2	0.4	<2	0.06	0.008
REP 1064773	QC		0.9	2.4	4.2	80	<0.1	1.0	0.9	161	1.15	406.3	2.7	9.2	5	0.2	32.5	0.4	<2	0.06	0.008
1064786	Drill Core	3.36	0.7	10.7	11.4	279	<0.1	1.6	2.3	181	1.68	448.2	1.8	0.9	13	5.2	17.8	<0.1	5	0.13	0.018
REP 1064786	QC																				
1064801	Drill Core	4.89	0.3	11.5	11.6	321	0.2	1.0	1.8	285	1.12	244.7	2.4	0.8	4	3.0	9.5	0.4	<2	0.10	0.017
REP 1064801	QC		0.2	11.5	11.0	320	0.2	1.0	1.8	284	1.11	244.5	3.7	0.8	4	2.8	9.2	0.4	<2	0.11	0.018
1064821	Drill Core	5.98	0.2	253.5	8.8	331	1.0	1.3	6.3	689	2.49	95.3	16.2	2.0	25	0.5	19.7	0.2	6	0.66	0.041
REP 1064821	QC																				
1064833	Rock Pulp	0.14	8.3	123.7	17.7	57	>100	15.9	11.2	595	3.52	232.9	13444	3.1	70	0.4	9.6	18.1	71	1.53	0.047
REP 1064833	QC																				
1064835	Drill Core	1.94	0.3	94.2	909.1	3489	45.8	2.5	16.1	1565	4.55	1504	488.6	1.5	6	51.1	113.9	3.3	<2	0.32	0.015
REP 1064835	QC																				
Core Reject Duplicates																					
1064747	Drill Core	6.90	0.2	15.8	16.5	74	0.3	6.0	14.8	652	3.43	11.8	11.7	1.7	44	0.4	3.7	<0.1	108	2.13	0.148
DUP 1064747	QC		0.1	15.2	2.4	56	<0.1	6.7	14.6	638	3.39	5.2	9.3	1.6	39	<0.1	2.3	<0.1	105	2.07	0.138
1064782	Drill Core	4.50	0.4	22.1	3.3	245	<0.1	1.4	3.8	255	2.79	296.1	13.0	3.7	13	1.7	15.3	0.4	14	0.22	0.049
DUP 1064782	QC		0.5	25.6	3.5	264	<0.1	1.4	4.5	278	3.13	334.7	13.1	4.2	15	2.0	17.5	0.5	16	0.23	0.056
1064817	Drill Core	4.65	0.1	3.4	6.9	148	<0.1	1.6	1.8	430	0.92	72.6	8.6	1.2	37	0.6	12.4	0.2	5	0.90	0.014
DUP 1064817	QC		0.1	3.5	7.1	152	<0.1	1.6	1.6	441	0.90	75.6	7.8	1.2	37	0.6	12.5	0.2	5	0.89	0.014
Reference Materials																					
STD CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard		12.9	106.9	113.0	295	1.6	35.2	7.5	613	2.39	25.9	109.2	6.2	57	2.2	5.1	5.6	40	0.71	0.078
STD DS8	Standard		13.5	112.8	123.4	308	1.7	38.3	7.8	606	2.42	26.1	107.8	6.8	58	2.3	5.0	6.2	42	0.71	0.078

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Project: Charlotte Project
Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000245.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	G6Gr
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	0.005	0.9
Pulp Duplicates																				
1064751	Drill Core	7	20	1.57	165	0.026	<1	1.36	0.004	0.33	0.2	0.24	18.8	0.7	0.81	5	0.8	<0.2	0.007	
REP 1064751	QC	7	18	1.54	193	0.027	<1	1.43	0.003	0.33	0.3	0.24	18.8	0.8	0.80	5	<0.5	<0.2		
1064753	Drill Core	9	26	2.17	240	0.191	<1	2.85	0.148	1.00	1.1	<0.01	8.7	0.4	<0.05	8	<0.5	<0.2	0.018	
REP 1064753	QC																		0.012	
1064773	Drill Core	12	3	0.05	21	<0.001	<1	0.45	0.021	0.06	<0.1	<0.01	1.5	<0.1	<0.05	<1	<0.5	<0.2	<0.005	
REP 1064773	QC	11	4	0.05	22	<0.001	<1	0.45	0.022	0.06	<0.1	<0.01	1.5	<0.1	<0.05	1	<0.5	<0.2		
1064786	Drill Core	4	4	0.12	46	<0.001	<1	0.72	0.039	0.10	<0.1	<0.01	2.1	<0.1	<0.05	2	<0.5	<0.2	<0.005	
REP 1064786	QC																		<0.005	
1064801	Drill Core	2	<1	0.06	56	<0.001	<1	0.50	0.006	0.13	<0.1	<0.01	0.4	0.1	0.38	<1	<0.5	<0.2	<0.005	
REP 1064801	QC	2	2	0.06	53	<0.001	<1	0.49	0.006	0.13	<0.1	<0.01	0.5	<0.1	0.38	<1	0.5	<0.2		
1064821	Drill Core	9	2	0.43	43	0.010	<1	1.29	0.031	0.13	<0.1	0.08	5.7	0.2	0.37	4	<0.5	<0.2	0.014	
REP 1064821	QC																		0.015	
1064833	Rock Pulp	7	24	0.71	110	0.132	4	1.62	0.165	0.20	4.3	0.53	2.5	0.2	0.18	5	5.7	2.6	>10	12.5
REP 1064833	QC																			11.9
1064835	Drill Core	2	2	0.15	47	<0.001	2	0.28	0.001	0.14	0.2	0.14	0.3	0.8	4.62	<1	1.8	0.4	0.599	
REP 1064835	QC																		0.509	
Core Reject Duplicates																				
1064747	Drill Core	6	22	1.79	426	0.157	1	1.81	0.140	0.57	<0.1	<0.01	9.3	0.1	0.15	7	<0.5	<0.2	0.018	
DUP 1064747	QC	5	20	1.74	395	0.135	<1	1.71	0.121	0.56	<0.1	<0.01	8.9	0.1	0.11	7	<0.5	<0.2	0.015	
1064782	Drill Core	9	3	0.46	90	0.062	<1	1.28	0.048	0.38	<0.1	<0.01	6.6	0.3	0.08	5	<0.5	<0.2	0.012	
DUP 1064782	QC	9	4	0.51	97	0.066	1	1.38	0.052	0.42	<0.1	<0.01	7.4	0.4	0.11	6	0.7	<0.2	0.018	
1064817	Drill Core	4	5	0.31	31	<0.001	<1	0.61	0.004	0.11	<0.1	0.03	1.1	<0.1	0.18	2	<0.5	<0.2	0.008	
DUP 1064817	QC	4	4	0.31	31	<0.001	<1	0.60	0.004	0.11	<0.1	0.04	1.2	<0.1	0.18	2	<0.5	<0.2	0.006	
Reference Materials																				
STD CDN-ME-3	Standard																			9.4
STD CDN-ME-3	Standard																			9.9
STD DS8	Standard	14	113	0.59	257	0.105	2	0.86	0.087	0.38	2.8	0.19	2.0	4.7	0.16	4	4.5	4.1		
STD DS8	Standard	15	116	0.60	276	0.107	1	0.93	0.088	0.40	2.9	0.19	2.1	5.1	0.16	4	4.9	4.5		

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Project: Charlotte Project
Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000245.1

		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	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
STD DS8	Standard		12.4	105.9	117.5	299	1.8	37.0	7.0	605	2.42	24.6	107.7	5.8	59	2.4	5.6	6.3	41	0.68	0.077
STD DS8	Standard		12.0	95.1	112.0	294	1.6	34.0	7.2	602	2.44	25.2	93.2	6.0	60	2.0	4.9	5.6	42	0.66	0.073
STD DS8	Standard		13.9	120.5	129.3	331	1.8	39.6	7.7	620	2.54	26.6	123.0	7.5	67	2.5	6.3	7.2	43	0.72	0.077
STD DS8	Standard		13.9	119.4	123.8	323	1.7	39.5	7.7	622	2.50	27.1	107.3	7.2	66	2.4	5.9	6.9	42	0.73	0.078
STD DS8	Standard		12.8	109.3	122.9	323	1.8	38.6	7.6	649	2.47	26.4	111.4	7.4	70	2.6	6.0	7.4	45	0.72	0.080
STD DS8	Standard		14.1	109.3	128.5	326	1.8	38.1	7.3	621	2.47	26.4	106.3	7.7	73	2.5	6.1	7.1	43	0.72	0.081
STD DS8	Standard		12.7	107.2	116.3	313	1.8	38.7	7.5	630	2.44	25.1	105.9	7.2	70	2.2	6.0	6.5	39	0.71	0.076
STD DS8	Standard		13.1	111.1	121.2	320	1.7	37.4	7.3	638	2.49	25.9	108.5	7.0	72	2.4	5.8	6.8	39	0.73	0.081
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 OXH82 Expected																					
STD OXK79 Expected																					
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
STD CDN-ME-3 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
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QUALITY CONTROL REPORT WHI11000245.1

		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	G6 Au gm/t 0.005	G6Gr Au gm/t 0.9
STD DS8	Standard	13	113	0.58	269	0.101	<1	0.88	0.087	0.41	3.0	0.18	1.9	5.2	0.16	4	5.2	4.7		
STD DS8	Standard	14	111	0.60	273	0.105	<1	0.89	0.087	0.41	3.0	0.18	1.9	4.9	0.16	5	5.6	4.7		
STD DS8	Standard	15	120	0.62	289	0.129	3	0.92	0.087	0.41	2.9	0.23	2.0	5.2	0.17	5	5.3	5.0		
STD DS8	Standard	15	120	0.61	279	0.131	2	0.94	0.089	0.41	2.9	0.20	2.2	5.1	0.17	5	4.9	4.7		
STD DS8	Standard	14	118	0.62	276	0.123	2	0.94	0.088	0.42	3.0	0.21	1.9	5.3	0.17	5	5.5	5.3		
STD DS8	Standard	15	114	0.62	288	0.121	2	0.94	0.089	0.42	2.9	0.18	1.9	5.4	0.16	5	5.9	5.3		
STD DS8	Standard	14	115	0.61	274	0.117	3	0.93	0.092	0.41	2.9	0.18	1.9	4.9	0.15	5	6.1	5.4		
STD DS8	Standard	15	117	0.62	273	0.118	2	0.98	0.097	0.44	2.9	0.21	1.9	5.2	0.15	5	5.4	5.2		
STD OXH82	Standard																		1.294	
STD OXH82	Standard																		1.338	
STD OXH82	Standard																		1.343	
STD OXH82	Standard																		1.364	
STD OXH82	Standard																		1.358	
STD OXH82	Standard																		1.256	
STD OXK79	Standard																		3.459	
STD OXK79	Standard																		3.814	
STD OXK79	Standard																		3.824	
STD OXK79	Standard																		3.702	
STD OXK79	Standard																		3.542	
STD OXH82 Expected																			1.278	
STD OXK79 Expected																			3.532	
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		
STD CDN-ME-3 Expected																				9.77
BLK	Blank																		<0.005	
BLK	Blank																		<0.005	
BLK	Blank																		<0.005	
BLK	Blank																		<0.005	
BLK	Blank																		<0.005	
BLK	Blank																		<0.005	

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000245.1

		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	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																				
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	<0.001
BLK	Blank																				
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	<0.001
BLK	Blank																				
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	<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																				
Prep Wash																					
G1	Prep Blank		0.9	1.9	3.1	48	<0.1	4.7	4.2	566	1.89	0.7	5.3	4.9	53	<0.1	<0.1	<0.1	34	0.50	0.084
G1	Prep Blank		5.0	2.3	3.2	49	<0.1	5.6	4.7	589	1.98	1.0	0.7	5.8	53	<0.1	<0.1	<0.1	37	0.55	0.079

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000245.1

		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	G6 Au gm/t 0.005	G6Gr Au gm/t 0.9
BLK	Blank																		<0.005	
BLK	Blank																		<0.005	
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																			<0.9
BLK	Blank																		<0.005	
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																		<0.005	
BLK	Blank																		<0.005	
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																			<0.9
Prep Wash																				
G1	Prep Blank	8	11	0.59	220	0.098	<1	1.00	0.086	0.46	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2	<0.005	
G1	Prep Blank	11	14	0.63	232	0.103	<1	0.99	0.081	0.45	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2	<0.005	

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Acme Analytical Laboratories (Vancouver) Ltd.
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www.acmelab.com

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

Submitted By: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: July 25, 2011
Report Date: July 29, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11000245R.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-03
P.O. Number
Number of Samples: 2

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
G6	2	Lead collection fire assay fusion - Grav finish	30	Completed	VAN
7TD1	2	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

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.

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

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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

Project: Charlotte Project
Report Date: July 29, 2011

CERTIFICATE OF ANALYSIS WHI11000245R.1

Method		G6Gr	7TD	7TD
Analyte		Ag	Pb	Zn
Unit		gm/t	%	%
MDL		50	0.02	0.01
1064742	Drill Core	279	3.53	6.10

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

Project: Charlotte Project
Report Date: July 29, 2011

QUALITY CONTROL REPORT WHI11000245R.1

		Method	G6Gr	7TD	7TD
		Analyte	Ag	Pb	Zn
		Unit	gm/t	%	%
		MDL	50	0.02	0.01
Reference Materials					
STD CDN-ME-3	Standard		258		
STD OREAS131B	Standard			1.80	3.14
STD R4T	Standard			1.47	3.41
STD SU-1B	Standard			<0.02	0.03
STD R4T Expected				1.518	3.376
STD OREAS131B Expected				1.86	3.14
STD SU-1B Expected				0.0058	0.0235
STD CDN-ME-3 Expected			276		
BLK	Blank			<0.02	<0.01
BLK	Blank		<50		

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

Submitted By: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: June 22, 2011
Report Date: September 30, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI11000294.3

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-04
P.O. Number
Number of Samples: 98

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	94	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	98	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	98	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	2	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN
7TD	3	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 3: 7TD Pb included.

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
Chris Basil

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000294.3

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
1064836	Drill Core	4.89	0.272	2.0	175.5	45.8	102	17.4	3.3	34.2	112	5.72	1100	449.9	1.2	2	1.4	59.1	4.7	<2	0.06
1064837	Drill Core	1.92	0.305	1.0	135.2	48.6	225	14.6	2.8	24.4	195	4.12	928.3	288.7	1.2	2	1.7	45.4	4.3	<2	0.07
1064838	Drill Core	3.03	1.943	0.1	24.9	11.4	446	0.7	0.9	4.7	679	0.98	36.0	1767	1.3	9	2.0	10.2	13.5	<2	0.35
1064839	Drill Core	3.66	0.020	0.3	21.5	15.1	820	0.5	1.2	5.8	964	0.89	171.3	12.0	2.0	43	1.7	6.3	0.7	<2	0.94
1064840	Drill Core	3.67	<0.005	0.2	6.3	4.9	1133	<0.1	0.9	2.4	708	0.71	17.4	1.0	1.4	31	3.9	6.6	0.2	<2	0.21
1064841	Drill Core	5.73	1.223	0.3	114.0	10.1	1313	0.4	6.6	20.7	1806	3.15	82.8	1136	1.7	9	10.6	28.0	9.2	16	0.26
1064842	Drill Core	3.33	<0.005	0.1	10.5	12.2	94	0.3	0.6	1.5	38	0.35	26.3	4.0	1.7	3	2.1	8.0	0.3	<2	0.06
1064843	Drill Core	4.31	<0.005	<0.1	8.0	13.3	312	0.2	0.3	1.0	227	0.36	30.4	4.4	1.2	3	1.5	5.9	0.2	<2	0.05
1064844	Drill Core	5.09	0.040	0.2	3.1	37.4	406	0.5	1.1	1.6	302	0.75	371.0	41.1	1.6	3	4.3	10.0	0.2	<2	0.06
1064845	Drill Core	2.16	0.135	<0.1	1.7	99.6	1194	0.7	0.8	3.0	3394	1.26	604.1	123.0	1.4	8	1.3	17.6	0.1	<2	0.57
1064846	Drill Core	1.38	1.414	0.3	206.3	409.4	607	>100	1.2	0.6	469	1.41	2831	1289	1.0	4	12.1	186.6	0.1	<2	0.15
1064847	Rock	1.19	<0.005	<0.1	0.9	1.2	14	<0.1	1.3	0.6	183	0.37	2.5	<0.5	<0.1	30	0.1	0.1	<0.1	<2	14.24
1064848	Drill Core	4.62	0.177	0.2	2.4	96.4	1152	0.8	0.8	3.1	2533	1.36	807.7	158.3	1.4	6	2.8	17.6	0.2	<2	0.48
1064849	Drill Core	4.82	0.408	0.1	2.3	132.7	1122	1.4	1.5	2.1	2292	1.32	1187	410.7	1.3	9	5.1	36.6	0.1	<2	0.56
1064850	Drill Core	1.69	1.418	0.2	42.1	5501	3692	20.4	0.4	1.4	232	2.31	5305	1443	1.2	2	41.0	1720	0.2	<2	0.07
1064851	Drill Core	3.95	0.245	0.1	3.8	100.1	964	1.1	0.5	2.9	4212	1.75	975.4	239.8	1.4	16	1.1	22.8	0.2	<2	1.11
1064852	Drill Core	3.39	0.157	0.2	3.3	57.8	392	0.9	0.5	1.2	389	1.20	408.4	186.3	1.3	3	1.4	13.9	0.1	<2	0.11
1064853	Drill Core	5.41	0.146	0.2	5.5	26.8	63	0.7	0.3	0.5	37	0.55	196.4	149.0	0.8	2	1.5	12.6	<0.1	<2	0.04
1064854	Drill Core	3.65	0.221	0.2	5.2	174.5	690	1.2	0.8	1.0	2248	1.11	589.5	189.1	1.0	10	5.2	24.7	0.1	<2	0.73
1064855	Rock Pulp	0.14	3.646	205.6	2318	69.2	87	33.1	33.3	24.3	641	4.52	45.0	3540	1.7	117	0.4	66.6	1.7	60	1.14
1064856	Drill Core	3.79	0.677	<0.1	77.5	6663	>10000	47.2	0.4	1.1	2989	2.60	625.5	488.1	0.9	11	333.2	905.8	0.2	<2	0.89
1064857	Drill Core	3.13	0.668	0.3	19.1	587.4	3129	4.7	0.8	1.7	432	1.80	3089	638.0	1.9	4	31.7	137.8	<0.1	<2	0.17
1064858	Drill Core	3.55	0.300	0.2	7.5	657.8	4752	6.0	1.5	2.0	665	1.07	2088	292.9	1.3	3	51.3	113.1	0.1	<2	0.20
1064859	Drill Core	3.36	0.625	0.3	22.2	523.6	1231	14.4	0.8	1.8	49	1.07	2443	651.3	0.5	2	29.6	117.1	0.2	<2	0.05
1064860	Drill Core	1.71	0.670	0.5	282.6	2167	2562	>100	0.7	2.4	57	2.13	2034	828.4	1.1	5	42.4	651.4	0.4	<2	0.05
1064861	Drill Core	3.00	1.019	1.9	58.9	1146	3053	36.5	1.2	4.7	75	2.82	1820	1092	2.0	5	53.9	134.7	0.3	<2	0.06
1064862	Drill Core	2.56	>10	0.9	1283	>10000	>10000	>100	3.5	7.7	272	10.87	>10000	27875	0.3	2	508.4	>2000	1.2	<2	0.03
1064863	Rock	0.88	<0.005	<0.1	1.3	17.1	33	0.3	1.4	0.7	195	0.41	33.8	17.2	<0.1	33	0.4	2.0	<0.1	<2	16.48
1064864	Drill Core	2.81	1.894	0.6	108.7	3206	8904	52.1	4.0	7.8	612	3.43	4374	4058	1.7	8	199.4	147.6	0.5	7	0.21
1064865	Drill Core	3.61	0.254	0.9	33.3	377.7	2053	5.3	3.1	4.7	1598	2.65	656.8	238.6	26.9	5	64.7	28.8	1.0	4	0.12

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

Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000294.3

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
1064836	Drill Core	0.013	2	<1	0.02	21	<0.001	1	0.20	0.002	0.16	>100	0.08	<0.1	0.7	5.86	<1	3.2	1.4		
1064837	Drill Core	0.011	2	13	0.02	31	<0.001	3	0.29	0.003	0.21	69.4	0.05	0.2	0.6	4.10	<1	2.2	1.0		
1064838	Drill Core	0.009	3	<1	0.10	24	<0.001	1	0.34	0.002	0.11	0.2	0.02	0.5	0.3	0.64	<1	<0.5	4.4		
1064839	Drill Core	0.013	5	8	0.13	117	<0.001	1	0.57	0.033	0.22	1.8	0.01	0.3	0.2	0.46	1	<0.5	<0.2		
1064840	Drill Core	0.013	4	<1	0.11	136	<0.001	<1	0.56	0.038	0.12	<0.1	<0.01	0.3	0.2	0.09	1	<0.5	<0.2		
1064841	Drill Core	0.035	6	10	0.21	36	<0.001	<1	1.45	0.017	0.14	30.5	0.01	3.0	0.5	1.80	3	1.1	3.1		
1064842	Drill Core	0.007	4	<1	0.03	50	<0.001	<1	0.38	0.002	0.19	0.4	<0.01	0.2	0.2	0.26	<1	<0.5	<0.2		
1064843	Drill Core	0.005	3	7	0.03	55	<0.001	2	0.49	0.003	0.19	0.3	<0.01	0.2	0.2	0.22	1	<0.5	<0.2		
1064844	Drill Core	0.010	3	<1	0.03	122	<0.001	1	0.39	0.002	0.24	<0.1	<0.01	0.4	0.3	0.65	<1	<0.5	<0.2		
1064845	Drill Core	0.011	3	5	0.19	137	<0.001	2	0.30	0.002	0.21	<0.1	0.02	0.4	0.3	0.69	<1	<0.5	<0.2		
1064846	Drill Core	0.008	2	<1	0.05	54	<0.001	2	0.42	0.002	0.18	<0.1	0.11	0.6	0.4	1.29	<1	<0.5	<0.2		
1064847	Rock	0.014	<1	<1	9.63	14	<0.001	2	0.02	0.001	0.02	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1064848	Drill Core	0.017	2	<1	0.14	56	<0.001	3	0.28	0.002	0.19	<0.1	0.05	0.5	0.4	1.00	<1	<0.5	<0.2		
1064849	Drill Core	0.017	2	6	0.19	99	<0.001	4	0.33	0.002	0.22	<0.1	0.04	0.3	0.4	1.04	<1	<0.5	<0.2		
1064850	Drill Core	0.015	<1	<1	0.03	46	<0.001	3	0.26	0.001	0.18	<0.1	0.10	<0.1	2.5	2.40	<1	<0.5	0.3		
1064851	Drill Core	0.017	2	<1	0.40	60	<0.001	2	0.22	0.001	0.16	<0.1	0.03	0.2	0.4	1.41	<1	0.5	<0.2		
1064852	Drill Core	0.011	2	8	0.05	87	<0.001	3	0.39	0.002	0.23	<0.1	0.06	0.1	0.9	1.17	<1	<0.5	<0.2		
1064853	Drill Core	0.004	2	<1	0.02	79	<0.001	2	0.32	0.001	0.16	<0.1	0.04	0.2	0.4	0.46	<1	<0.5	<0.2		
1064854	Drill Core	0.008	2	4	0.25	65	<0.001	3	0.33	0.002	0.17	<0.1	0.03	0.5	0.4	0.88	<1	<0.5	<0.2		
1064855	Rock Pulp	0.070	6	17	0.95	56	0.101	<1	1.52	0.104	0.19	0.3	9.12	1.5	0.1	1.79	4	0.7	19.6		
1064856	Drill Core	0.007	<1	<1	0.30	23	<0.001	3	0.16	0.001	0.11	<0.1	0.92	0.7	2.5	3.18	<1	1.8	0.6		
1064857	Drill Core	0.016	3	4	0.06	39	<0.001	4	0.37	0.002	0.22	<0.1	0.21	0.5	1.0	1.72	1	<0.5	<0.2		
1064858	Drill Core	0.021	2	<1	0.07	93	<0.001	3	0.33	0.001	0.15	<0.1	0.20	0.6	0.8	1.00	<1	<0.5	<0.2		
1064859	Drill Core	0.011	<1	5	0.02	84	<0.001	4	0.39	0.002	0.21	<0.1	0.10	0.2	1.0	1.03	<1	<0.5	<0.2		
1064860	Drill Core	0.016	2	<1	0.02	36	<0.001	3	0.28	0.001	0.14	<0.1	0.23	0.3	2.1	2.23	<1	0.6	0.7		
1064861	Drill Core	0.016	5	6	0.03	27	<0.001	3	0.43	0.002	0.18	0.1	0.38	0.8	1.3	2.93	1	0.6	<0.2		
1064862	Drill Core	0.010	<1	<1	0.01	12	<0.001	1	0.17	<0.001	0.06	0.2	2.82	0.2	2.9	8.94	1	2.2	1.1	721	26.7
1064863	Rock	0.013	<1	<1	10.88	12	<0.001	<1	0.01	<0.001	<0.01	<0.1	0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1064864	Drill Core	0.044	3	<1	0.05	35	<0.001	1	0.53	0.001	0.13	0.1	0.62	2.3	1.1	3.55	1	1.1	<0.2		
1064865	Drill Core	0.030	25	5	0.04	49	<0.001	<1	0.49	0.002	0.23	0.2	0.09	1.2	0.7	2.20	1	<0.5	<0.2		

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000294.3

Method		7TD	7TD	7TD	7TD
Analyte		Cu	Pb	Zn	Ag
Unit		%	%	%	gm/t
MDL		0.001	0.02	0.01	2
1064836	Drill Core				
1064837	Drill Core				
1064838	Drill Core				
1064839	Drill Core				
1064840	Drill Core				
1064841	Drill Core				
1064842	Drill Core				
1064843	Drill Core				
1064844	Drill Core				
1064845	Drill Core				
1064846	Drill Core				
1064847	Rock				
1064848	Drill Core				
1064849	Drill Core				
1064850	Drill Core				
1064851	Drill Core				
1064852	Drill Core				
1064853	Drill Core				
1064854	Drill Core				
1064855	Rock Pulp	0.236	<0.02	<0.01	32
1064856	Drill Core	0.008	0.69	2.80	45
1064857	Drill Core				
1064858	Drill Core				
1064859	Drill Core				
1064860	Drill Core				
1064861	Drill Core				
1064862	Drill Core	0.134	2.90	3.07	>300
1064863	Rock				
1064864	Drill Core				
1064865	Drill Core				

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CERTIFICATE OF ANALYSIS WHI11000294.3

	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
1064866	Drill Core	3.15	0.139	0.9	10.7	34.9	5544	0.8	3.4	7.5	4329	3.05	420.1	139.3	35.4	8	45.0	13.9	0.4	3	0.15
1064867	Drill Core	2.99	0.529	0.8	106.5	3041	9478	15.1	3.0	5.7	3451	3.15	472.4	284.9	35.0	12	137.2	44.7	0.4	3	0.12
1064868	Drill Core	2.94	0.176	0.8	11.5	640.6	2264	3.7	3.8	4.6	793	2.23	479.8	175.8	34.8	5	95.4	20.5	0.2	2	0.09
1064869	Drill Core	1.58	0.091	1.1	5.3	139.9	998	1.0	3.1	4.4	52	1.52	483.6	101.8	38.9	11	60.2	14.5	0.1	4	0.08
1064870	Drill Core	5.22	0.081	1.0	87.9	292.1	190	2.5	0.8	2.1	38	1.46	556.2	128.7	39.6	40	5.2	14.5	0.2	4	0.05
1064871	Drill Core	3.80	0.188	1.1	10.2	317.6	158	7.1	0.2	0.6	30	1.55	861.9	210.6	4.3	15	4.1	90.4	0.2	<2	0.02
1064872	Drill Core	3.97	0.132	2.6	21.0	855.2	415	5.0	0.4	0.6	56	2.12	1217	148.0	9.2	20	8.2	155.1	0.8	3	0.05
1064873	Drill Core	3.79	0.168	1.5	16.6	686.1	329	5.8	0.3	0.4	33	1.88	977.9	177.2	7.7	15	5.8	119.7	1.3	2	0.04
1064874	Drill Core	3.94	0.033	1.3	8.8	359.2	237	2.9	0.3	0.6	21	1.43	641.4	36.2	9.8	15	3.6	62.9	1.2	<2	0.04
1064875	Rock Pulp	0.14	>10	8.4	106.7	16.6	62	>100	14.8	11.2	589	3.68	241.6	12285	2.8	78	0.5	8.4	16.5	74	1.65
1064876	Drill Core	4.78	0.034	3.3	7.1	283.5	172	2.1	0.3	0.5	25	1.56	532.3	35.8	6.8	16	1.3	24.6	1.1	<2	0.05
1064877	Drill Core	5.63	0.053	2.0	5.7	243.0	147	2.6	0.3	0.3	22	1.27	531.0	43.3	6.8	9	1.3	27.0	1.3	<2	0.04
1064878	Drill Core	4.60	0.012	0.7	7.7	141.7	112	1.2	0.3	1.4	18	0.71	216.3	9.8	13.7	14	1.8	16.8	0.7	<2	0.03
1064879	Drill Core	4.57	0.017	1.4	11.9	156.6	229	1.1	0.4	0.2	21	0.98	429.2	13.9	14.2	5	3.6	24.2	0.4	<2	0.04
1064880	Drill Core	4.88	0.008	1.2	12.7	177.8	171	1.6	0.4	0.4	17	0.81	267.7	3.6	12.4	9	1.6	18.4	0.4	<2	0.04
1064881	Drill Core	5.80	0.005	1.5	8.1	139.5	128	1.0	0.4	0.7	16	0.91	278.6	4.8	9.1	10	1.2	19.3	0.7	<2	0.03
1064882	Drill Core	1.68	0.009	0.9	10.7	120.1	61	0.9	0.2	1.4	17	0.66	200.2	12.5	9.5	9	0.8	15.0	1.0	<2	0.06
1064883	Rock	4.20	0.010	0.9	9.6	115.6	33	0.7	0.2	2.4	24	0.92	38.7	9.5	5.3	9	1.8	2.2	0.4	<2	0.05
1064884	Drill Core	2.93	0.013	2.3	41.8	65.0	29	0.4	0.2	0.4	27	0.36	35.5	15.4	2.7	11	7.0	3.4	0.3	<2	0.06
1064885	Drill Core	2.29	<0.005	19.7	27.8	12.2	112	0.2	2.2	0.6	88	1.96	24.9	2.4	5.2	26	1.3	3.7	0.8	29	0.11
1064886	Drill Core	3.69	0.007	12.3	10.7	8.9	47	0.8	0.2	0.5	28	0.82	5.8	5.8	1.0	18	0.8	1.6	0.7	<2	0.10
1064887	Drill Core	1.57	0.005	24.7	14.9	10.6	59	0.7	0.4	0.5	30	0.99	7.7	4.0	0.9	22	0.7	2.0	0.7	<2	0.14
1064888	Drill Core	5.80	<0.005	13.9	9.2	9.0	294	0.1	0.8	2.5	457	0.95	4.0	1.7	1.8	28	5.4	1.5	0.5	<2	1.09
1064889	Drill Core	4.20	<0.005	1.3	3.8	9.7	231	<0.1	1.1	2.1	350	0.91	1.7	1.1	1.5	25	0.2	1.5	0.3	4	1.13
1064890	Drill Core	3.53	<0.005	0.3	3.2	8.0	122	<0.1	0.6	1.1	265	0.61	0.9	0.9	0.8	27	<0.1	1.0	0.2	<2	1.22
1064891	Drill Core	3.37	<0.005	2.4	1.9	7.8	81	<0.1	1.2	1.6	327	0.83	1.0	1.1	1.3	21	<0.1	0.9	0.4	4	0.83
1064892	Drill Core	2.86	<0.005	7.0	37.5	9.5	131	0.1	4.0	12.6	459	2.88	9.1	2.9	3.5	29	<0.1	3.8	1.0	57	1.19
1064893	Drill Core	4.79	<0.005	10.2	2.6	9.7	74	<0.1	0.9	1.0	340	0.75	1.3	<0.5	1.2	39	<0.1	1.2	0.2	4	1.63
1064894	Drill Core	4.91	<0.005	6.2	2.6	6.1	34	<0.1	0.7	1.8	245	0.75	1.0	1.6	1.0	37	<0.1	1.1	0.3	<2	1.10
1064895	Rock Pulp	0.14	0.393	10.1	139.8	6.9	53	0.2	27.6	37.3	483	3.21	1314	349.2	2.7	66	0.2	1.8	4.1	76	1.24

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Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000294.3

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1064866	Drill Core	0.034	41	<1	0.05	85	<0.001	3	0.46	0.003	0.26	0.1	0.05	1.3	0.6	1.39	1	0.6	<0.2		
1064867	Drill Core	0.034	31	5	0.03	37	<0.001	2	0.43	0.002	0.25	0.2	0.23	1.2	0.9	2.45	1	0.9	<0.2		
1064868	Drill Core	0.038	23	<1	0.03	45	<0.001	2	0.72	0.002	0.21	0.2	0.10	0.8	0.7	2.15	<1	0.6	<0.2		
1064869	Drill Core	0.045	25	<1	0.02	45	<0.001	1	1.10	0.003	0.20	0.2	0.08	1.4	0.9	1.84	<1	0.5	<0.2		
1064870	Drill Core	0.019	40	4	0.02	78	<0.001	3	0.41	0.003	0.28	0.1	0.11	1.1	1.9	1.05	2	<0.5	<0.2		
1064871	Drill Core	0.004	4	<1	0.01	110	<0.001	3	0.20	0.002	0.24	0.2	1.42	0.2	37.7	0.73	<1	<0.5	0.2		
1064872	Drill Core	0.013	6	<1	0.02	238	<0.001	6	0.27	0.002	0.23	0.1	0.15	0.4	3.0	0.21	<1	<0.5	0.4		
1064873	Drill Core	0.011	3	<1	0.02	277	<0.001	4	0.22	<0.001	0.20	0.1	0.12	0.5	1.9	0.21	<1	<0.5	0.4		
1064874	Drill Core	0.008	4	4	0.02	181	<0.001	5	0.28	0.002	0.23	<0.1	0.07	0.3	1.2	0.15	<1	<0.5	0.5		
1064875	Rock Pulp	0.052	7	25	0.70	108	0.120	4	1.66	0.179	0.22	4.3	0.48	2.4	<0.1	0.19	5	5.6	2.7	166	11.8
1064876	Drill Core	0.010	5	<1	0.02	152	<0.001	3	0.30	0.004	0.26	<0.1	0.04	0.4	0.7	0.23	<1	0.9	0.7		
1064877	Drill Core	0.009	11	4	0.02	109	<0.001	4	0.28	0.003	0.22	<0.1	0.05	0.4	0.5	0.12	<1	<0.5	0.8		
1064878	Drill Core	0.008	7	<1	0.02	80	<0.001	4	0.32	0.002	0.21	<0.1	0.02	0.4	0.3	0.24	<1	<0.5	0.2		
1064879	Drill Core	0.009	15	4	0.02	84	<0.001	3	0.35	0.003	0.24	<0.1	<0.01	0.6	0.3	<0.05	<1	<0.5	0.2		
1064880	Drill Core	0.009	6	<1	0.02	212	<0.001	3	0.38	0.002	0.20	<0.1	0.01	0.4	0.2	0.13	<1	<0.5	<0.2		
1064881	Drill Core	0.008	6	3	0.02	139	<0.001	4	0.42	0.003	0.24	<0.1	0.01	0.4	0.2	0.28	<1	<0.5	0.3		
1064882	Drill Core	0.004	5	<1	0.02	155	<0.001	3	0.34	0.002	0.15	<0.1	<0.01	<0.1	0.1	0.26	<1	<0.5	0.5		
1064883	Rock	0.002	2	3	0.02	110	<0.001	5	0.30	0.003	0.33	<0.1	0.02	<0.1	0.2	0.49	<1	1.0	<0.2		
1064884	Drill Core	0.002	4	<1	0.02	311	<0.001	3	0.23	0.003	0.18	<0.1	0.01	<0.1	0.2	0.11	<1	<0.5	<0.2		
1064885	Drill Core	0.044	6	20	0.31	227	0.009	3	1.04	0.006	0.52	0.2	0.02	3.2	0.7	0.43	5	<0.5	<0.2		
1064886	Drill Core	0.014	2	<1	0.02	192	<0.001	3	0.26	0.004	0.24	<0.1	<0.01	<0.1	0.2	0.44	<1	<0.5	0.2		
1064887	Drill Core	0.020	2	4	0.04	172	<0.001	2	0.35	0.005	0.32	<0.1	<0.01	<0.1	0.2	0.46	<1	<0.5	0.3		
1064888	Drill Core	0.030	3	<1	0.14	76	<0.001	2	0.48	0.004	0.17	<0.1	<0.01	0.2	0.1	1.22	<1	<0.5	<0.2		
1064889	Drill Core	0.027	4	3	0.54	99	<0.001	<1	1.14	0.003	0.07	<0.1	<0.01	0.2	<0.1	0.47	3	<0.5	<0.2		
1064890	Drill Core	0.011	2	1	0.36	177	<0.001	<1	0.73	0.001	0.07	<0.1	0.01	<0.1	<0.1	0.32	2	<0.5	<0.2		
1064891	Drill Core	0.022	3	1	0.24	160	<0.001	1	0.44	0.002	0.09	<0.1	0.01	0.4	<0.1	0.65	1	<0.5	<0.2		
1064892	Drill Core	0.143	6	4	1.23	50	0.018	1	1.85	<0.001	0.42	0.1	0.07	3.4	0.5	1.19	7	<0.5	<0.2		
1064893	Drill Core	0.013	4	7	0.29	45	<0.001	<1	0.61	0.002	0.09	<0.1	<0.01	0.3	<0.1	0.50	1	<0.5	<0.2		
1064894	Drill Core	0.008	3	3	0.15	184	<0.001	2	0.48	0.003	0.17	<0.1	<0.01	<0.1	0.1	0.64	1	<0.5	<0.2		
1064895	Rock Pulp	0.054	6	46	0.74	124	0.110	3	1.59	0.172	0.24	0.4	<0.01	2.1	<0.1	0.13	5	1.8	0.6		

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Method		7TD	7TD	7TD	7TD
Analyte		Cu	Pb	Zn	Ag
Unit		%	%	%	gm/t
MDL		0.001	0.02	0.01	2
1064866	Drill Core				
1064867	Drill Core				
1064868	Drill Core				
1064869	Drill Core				
1064870	Drill Core				
1064871	Drill Core				
1064872	Drill Core				
1064873	Drill Core				
1064874	Drill Core				
1064875	Rock Pulp				
1064876	Drill Core				
1064877	Drill Core				
1064878	Drill Core				
1064879	Drill Core				
1064880	Drill Core				
1064881	Drill Core				
1064882	Drill Core				
1064883	Rock				
1064884	Drill Core				
1064885	Drill Core				
1064886	Drill Core				
1064887	Drill Core				
1064888	Drill Core				
1064889	Drill Core				
1064890	Drill Core				
1064891	Drill Core				
1064892	Drill Core				
1064893	Drill Core				
1064894	Drill Core				
1064895	Rock Pulp				

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PO Box 11604
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Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000294.3

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
1064896	Drill Core	2.72	0.022	9.2	11.8	19.3	112	0.9	1.7	2.8	888	0.96	142.1	17.8	1.3	30	0.5	3.2	0.2	4	1.65
1064897	Drill Core	3.68	0.091	16.8	27.9	229.4	2088	2.7	2.3	3.9	1248	1.84	552.0	92.5	2.3	25	30.5	9.1	0.5	4	1.43
1064898	Drill Core	3.52	0.290	10.8	16.0	619.8	1117	4.4	1.4	2.2	690	1.16	1564	290.6	0.5	15	17.3	7.4	0.7	<2	0.69
1064899	Drill Core	4.54	0.208	43.1	18.0	592.0	1122	4.0	3.7	5.5	1033	1.74	883.4	204.7	1.7	19	16.3	8.4	0.8	5	1.06
1064900	Drill Core	4.50	<0.005	4.5	3.7	14.2	1395	<0.1	4.7	8.2	1406	1.97	25.3	1.1	2.6	17	3.5	5.8	0.3	23	0.53
1064901	Drill Core	4.65	0.017	1.6	3.7	16.6	1973	0.3	4.4	6.8	3119	2.20	86.6	14.2	1.6	25	5.1	8.6	0.4	6	1.06
1064902	Drill Core	3.79	0.069	12.9	6.6	160.9	1450	1.3	3.8	9.6	2644	3.39	132.1	75.4	1.6	17	16.6	10.1	0.7	3	0.46
1064903	Drill Core	3.74	0.006	17.3	2.5	7.6	491	0.1	2.4	4.2	832	1.70	19.9	4.9	2.0	26	1.5	7.8	0.7	<2	0.39
1064904	Drill Core	3.23	<0.005	28.3	2.3	9.3	343	0.1	2.4	4.3	738	1.57	7.9	4.2	2.3	25	3.3	6.3	0.7	4	0.69
1064905	Rock	1.04	<0.005	0.1	0.5	1.0	17	<0.1	0.9	0.6	228	0.43	<0.5	<0.5	<0.1	35	<0.1	<0.1	<0.1	<2	18.33
1064906	Drill Core	4.44	<0.005	55.7	4.2	6.8	360	<0.1	2.3	4.2	180	1.55	1.7	<0.5	3.2	17	4.1	4.3	0.5	10	0.35
1064907	Drill Core	3.24	<0.005	15.3	1.3	7.1	145	<0.1	1.5	2.7	149	1.02	1.0	1.1	2.1	16	0.4	2.4	0.5	6	0.32
1064908	Drill Core	3.10	<0.005	3.0	3.8	8.8	47	<0.1	2.3	7.1	300	1.88	5.5	1.8	2.7	28	<0.1	4.5	0.7	31	0.81
1064909	Drill Core	5.34	<0.005	5.0	16.2	7.6	57	<0.1	27.2	21.3	620	4.17	5.0	2.3	1.5	40	<0.1	3.2	5.6	109	1.21
1064910	Drill Core	4.65	<0.005	11.7	33.1	35.6	50	0.3	16.7	21.0	635	3.81	18.5	1.6	3.9	41	0.1	7.3	1.2	95	1.05
1064911	Drill Core	6.92	0.013	3.6	54.2	1.9	42	0.1	8.9	23.1	597	4.40	1.5	10.0	0.2	42	<0.1	0.7	0.6	134	1.57
1064912	Drill Core	7.72	0.012	13.2	60.3	3.7	186	0.2	34.1	20.7	619	5.00	78.2	10.9	1.2	38	0.7	2.9	1.7	180	0.81
1064913	Drill Core	2.81	0.006	0.3	93.1	3.1	199	0.2	24.6	17.7	505	3.77	35.5	4.6	0.3	20	1.1	2.2	3.8	109	1.23
1064914	Drill Core	5.12	0.007	0.2	87.2	3.3	212	0.1	21.4	15.1	578	3.15	43.3	5.6	0.6	20	1.2	2.8	1.1	90	0.90
1064915	Drill Core	2.10	0.010	0.3	88.1	3.2	220	0.1	22.5	15.5	521	3.23	51.1	6.6	0.6	19	1.2	3.3	1.1	97	0.86
1064916	Drill Core	5.65	<0.005	0.6	75.9	3.8	282	0.2	27.7	26.1	1313	2.95	52.4	4.4	0.3	28	2.2	3.8	0.8	80	1.17
1064917	Drill Core	6.37	<0.005	0.2	43.5	3.2	176	<0.1	20.0	13.4	631	2.77	8.3	3.3	0.4	25	0.8	0.9	0.8	95	1.06
1064918	Drill Core	6.20	<0.005	0.6	39.8	3.4	196	<0.1	22.8	14.5	650	2.36	13.8	2.9	0.5	10	1.0	1.5	0.4	70	1.02
1064919	Drill Core	3.93	0.006	0.2	52.0	3.4	253	0.1	21.7	12.2	573	2.67	205.2	2.5	0.4	17	1.2	15.5	0.6	76	1.05
1064920	Drill Core	2.82	1.276	0.7	76.2	810.3	712	18.5	12.9	6.4	396	3.98	2859	1432	1.0	41	11.5	165.8	2.3	16	0.13
1064921	Drill Core	2.89	0.330	1.2	91.7	36.7	2005	3.0	40.7	24.4	1555	6.39	1114	357.9	1.1	48	45.8	51.8	2.3	34	0.17
1064922	Drill Core	3.75	0.008	0.2	60.9	20.8	864	0.1	24.2	13.3	497	3.26	27.2	5.7	0.4	19	5.4	6.6	1.1	76	0.79
1064923	Drill Core	2.02	0.009	0.2	108.4	36.7	943	0.2	24.6	12.9	437	3.96	49.4	9.5	0.3	18	5.3	10.8	4.5	98	0.69
1064924	Rock Pulp	1.91	2.210	8.8	140.8	16.3	84	0.7	35.8	137.7	1027	3.60	6004	2212	1.2	119	0.9	11.1	51.1	28	6.42
1064925	Drill Core	0.14	<0.005	<0.1	131.1	8.4	1364	0.1	24.5	16.1	485	4.34	82.3	3.1	0.8	9	6.3	31.5	1.2	69	0.57

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Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000294.3

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1064896	Drill Core	0.032	4	1	0.35	43	<0.001	1	0.46	0.003	0.15	4.5	0.02	0.4	0.2	0.63	1	<0.5	<0.2		
1064897	Drill Core	0.057	3	5	0.43	59	<0.001	3	0.41	0.003	0.21	2.9	0.04	0.9	0.2	1.51	1	<0.5	0.2		
1064898	Drill Core	0.020	1	<1	0.23	64	<0.001	4	0.30	0.002	0.20	<0.1	0.01	<0.1	0.2	1.05	<1	<0.5	<0.2		
1064899	Drill Core	0.038	2	4	0.35	50	<0.001	2	0.38	0.003	0.26	<0.1	0.02	0.8	0.3	1.55	1	<0.5	<0.2		
1064900	Drill Core	0.060	9	17	0.49	160	0.012	<1	1.13	<0.001	0.28	<0.1	0.03	2.7	0.3	0.65	5	<0.5	<0.2		
1064901	Drill Core	0.052	5	9	0.43	101	<0.001	4	0.62	0.002	0.29	<0.1	0.01	1.0	0.4	1.06	2	<0.5	0.2		
1064902	Drill Core	0.036	3	<1	0.17	37	<0.001	2	0.38	0.002	0.26	<0.1	0.04	0.6	0.4	2.95	1	<0.5	<0.2		
1064903	Drill Core	0.040	6	3	0.14	65	<0.001	2	0.37	0.003	0.22	<0.1	<0.01	0.3	0.2	1.50	<1	<0.5	<0.2		
1064904	Drill Core	0.042	9	3	0.36	58	<0.001	1	0.57	0.003	0.18	<0.1	<0.01	0.5	0.2	1.27	2	0.5	<0.2		
1064905	Rock	0.015	<1	<1	11.69	17	<0.001	<1	0.02	0.001	0.01	<0.1	<0.01	<0.1	<0.1	0.05	<1	<0.5	<0.2		
1064906	Drill Core	0.051	8	13	0.53	37	<0.001	<1	0.97	0.015	0.12	<0.1	0.03	0.6	0.1	1.18	4	<0.5	<0.2		
1064907	Drill Core	0.034	8	8	0.43	36	<0.001	<1	0.74	0.020	0.11	<0.1	0.01	0.5	<0.1	0.79	3	<0.5	<0.2		
1064908	Drill Core	0.059	8	4	0.72	51	0.004	<1	1.29	0.019	0.18	0.2	0.05	1.6	0.2	0.99	6	<0.5	0.2		
1064909	Drill Core	0.084	5	58	1.55	102	0.140	<1	1.94	0.077	0.66	0.3	<0.01	8.5	0.5	0.94	8	0.7	2.8		
1064910	Drill Core	0.063	9	30	1.25	133	0.105	<1	2.00	0.052	0.73	0.4	0.08	7.1	0.7	0.84	7	<0.5	0.5		
1064911	Drill Core	0.138	1	11	1.20	66	0.222	<1	1.61	0.128	0.52	<0.1	<0.01	8.6	0.4	1.12	8	<0.5	0.3		
1064912	Drill Core	0.063	4	99	1.73	220	0.222	<1	2.41	0.089	1.33	<0.1	<0.01	12.8	0.8	0.39	11	0.5	0.9		
1064913	Drill Core	0.083	2	22	1.11	74	0.134	1	2.06	0.153	0.17	<0.1	<0.01	8.4	<0.1	<0.05	7	<0.5	2.8		
1064914	Drill Core	0.110	3	17	0.82	31	0.113	1	1.39	0.092	0.10	0.1	<0.01	7.0	0.1	0.08	5	0.6	0.5		
1064915	Drill Core	0.099	3	20	0.84	36	0.125	<1	1.45	0.103	0.11	0.1	<0.01	7.2	<0.1	0.06	5	0.9	0.5		
1064916	Drill Core	0.102	2	18	0.88	32	0.097	<1	1.67	0.139	0.08	<0.1	<0.01	6.6	<0.1	0.08	5	0.7	0.3		
1064917	Drill Core	0.095	2	21	1.11	39	0.122	2	1.58	0.127	0.11	<0.1	<0.01	7.1	<0.1	<0.05	5	<0.5	0.4		
1064918	Drill Core	0.097	2	30	0.93	19	0.103	2	1.19	0.123	0.10	<0.1	<0.01	6.9	<0.1	<0.05	4	<0.5	<0.2		
1064919	Drill Core	0.075	2	27	0.92	42	0.102	3	1.34	0.135	0.13	<0.1	<0.01	9.1	0.2	0.08	4	<0.5	0.4		
1064920	Drill Core	0.093	5	5	0.05	168	<0.001	3	0.32	0.017	0.31	0.2	0.12	15.8	2.9	0.34	<1	<0.5	1.8		
1064921	Drill Core	0.109	11	11	0.13	145	<0.001	2	0.64	0.015	0.28	0.2	0.06	20.2	1.9	0.30	1	<0.5	1.2		
1064922	Drill Core	0.084	1	29	0.92	70	0.103	<1	1.72	0.080	0.10	<0.1	<0.01	10.0	0.1	<0.05	5	<0.5	0.5		
1064923	Drill Core	0.099	2	28	1.04	79	0.061	1	1.83	0.050	0.09	<0.1	<0.01	9.3	0.2	<0.05	5	0.8	2.4		
1064924	Rock Pulp	0.107	11	26	0.34	40	0.043	33	1.32	0.095	0.07	13.3	<0.01	2.5	<0.1	0.66	4	9.2	6.6		
1064925	Drill Core	0.073	2	31	0.77	77	0.019	<1	2.15	0.027	0.08	<0.1	<0.01	14.2	0.2	<0.05	5	0.9	0.5		

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CERTIFICATE OF ANALYSIS WHI11000294.3

Method		7TD	7TD	7TD	7TD
Analyte		Cu	Pb	Zn	Ag
Unit		%	%	%	gm/t
MDL		0.001	0.02	0.01	2
1064896	Drill Core				
1064897	Drill Core				
1064898	Drill Core				
1064899	Drill Core				
1064900	Drill Core				
1064901	Drill Core				
1064902	Drill Core				
1064903	Drill Core				
1064904	Drill Core				
1064905	Rock				
1064906	Drill Core				
1064907	Drill Core				
1064908	Drill Core				
1064909	Drill Core				
1064910	Drill Core				
1064911	Drill Core				
1064912	Drill Core				
1064913	Drill Core				
1064914	Drill Core				
1064915	Drill Core				
1064916	Drill Core				
1064917	Drill Core				
1064918	Drill Core				
1064919	Drill Core				
1064920	Drill Core				
1064921	Drill Core				
1064922	Drill Core				
1064923	Drill Core				
1064924	Rock Pulp				
1064925	Drill Core				

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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
1064926	Drill Core	2.18	0.011	0.4	123.4	15.0	1358	0.7	33.2	14.7	240	7.07	1391	9.8	1.5	68	4.8	22.9	0.4	80	0.43
1064927	Drill Core	3.74	1.688	0.5	32.6	2176	593	9.2	10.3	5.6	157	4.70	1974	2037	0.6	47	3.4	411.7	0.6	19	0.16
1064928	Drill Core	4.13	6.515	0.6	66.6	1720	525	33.5	9.9	4.0	206	4.76	2204	6956	0.8	72	3.7	302.4	1.6	31	0.16
1064929	Drill Core	2.52	0.673	0.4	19.6	674.4	134	16.2	2.3	0.8	50	2.27	650.0	716.5	0.6	47	1.0	135.1	1.9	13	0.17
1064930	Drill Core	3.74	0.022	0.4	180.1	15.4	1546	0.2	47.6	23.8	549	6.56	3325	18.0	1.6	11	4.0	73.2	1.8	143	0.20

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1064926	Drill Core	0.121	10	31	0.52	166	0.058	<1	2.29	0.037	0.33	0.1	0.06	16.9	0.6	0.57	5	<0.5	<0.2		
1064927	Drill Core	0.048	3	6	0.04	97	<0.001	2	0.33	0.013	0.30	<0.1	0.13	2.6	3.3	0.46	1	<0.5	0.4		
1064928	Drill Core	0.078	4	7	0.04	134	<0.001	2	0.42	0.009	0.50	<0.1	0.20	4.4	5.2	0.74	2	<0.5	0.7		
1064929	Drill Core	0.030	4	6	0.06	112	<0.001	5	0.29	0.003	0.36	0.1	0.13	3.6	3.1	0.42	1	<0.5	1.2		
1064930	Drill Core	0.168	5	52	0.05	22	0.001	<1	1.41	<0.001	0.07	0.2	0.58	31.7	0.4	0.07	2	<0.5	0.5		

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www.acmelab.com

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

Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000294.3

Method		7TD	7TD	7TD	7TD
Analyte		Cu	Pb	Zn	Ag
Unit		%	%	%	gm/t
MDL		0.001	0.02	0.01	2
1064926	Drill Core				
1064927	Drill Core				
1064928	Drill Core				
1064929	Drill Core				
1064930	Drill Core				

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000294.3

	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																					
1064843	Drill Core	4.31	<0.005	<0.1	8.0	13.3	312	0.2	0.3	1.0	227	0.36	30.4	4.4	1.2	3	1.5	5.9	0.2	<2	0.05
REP 1064843	QC			<0.1	7.8	13.7	315	0.1	0.4	1.0	226	0.34	27.4	3.6	1.3	3	1.4	5.7	0.2	<2	0.05
1064856	Drill Core	3.79	0.677	<0.1	77.5	6663	>10000	47.2	0.4	1.1	2989	2.60	625.5	488.1	0.9	11	333.2	905.8	0.2	<2	0.89
REP 1064856	QC																				
1064857	Drill Core	3.13	0.668	0.3	19.1	587.4	3129	4.7	0.8	1.7	432	1.80	3089	638.0	1.9	4	31.7	137.8	<0.1	<2	0.17
REP 1064857	QC		0.656	0.4	19.0	645.0	3244	4.8	0.7	1.8	440	1.88	3211	667.8	2.0	4	32.1	144.7	0.1	<2	0.18
1064884	Drill Core	2.93	0.013	2.3	41.8	65.0	29	0.4	0.2	0.4	27	0.36	35.5	15.4	2.7	11	7.0	3.4	0.3	<2	0.06
REP 1064884	QC		0.013																		
1064907	Drill Core	3.24	<0.005	15.3	1.3	7.1	145	<0.1	1.5	2.7	149	1.02	1.0	1.1	2.1	16	0.4	2.4	0.5	6	0.32
REP 1064907	QC			15.6	1.4	7.4	143	<0.1	1.4	2.6	148	1.02	0.9	1.8	2.2	16	0.3	2.6	0.5	6	0.33
1064912	Drill Core	7.72	0.012	13.2	60.3	3.7	186	0.2	34.1	20.7	619	5.00	78.2	10.9	1.2	38	0.7	2.9	1.7	180	0.81
REP 1064912	QC		0.011																		
1064927	Drill Core	3.74	1.688	0.5	32.6	2176	593	9.2	10.3	5.6	157	4.70	1974	2037	0.6	47	3.4	411.7	0.6	19	0.16
REP 1064927	QC			0.5	33.3	2230	598	9.6	10.8	5.7	167	4.81	2021	1601	0.6	47	3.0	403.1	0.7	20	0.16
Core Reject Duplicates																					
1064838	Drill Core	3.03	1.943	0.1	24.9	11.4	446	0.7	0.9	4.7	679	0.98	36.0	1767	1.3	9	2.0	10.2	13.5	<2	0.35
DUP 1064838	QC		1.726	0.1	23.8	15.9	491	0.7	0.9	3.8	684	0.94	39.7	1636	1.5	9	2.6	10.9	13.1	<2	0.35
1064873	Drill Core	3.79	0.168	1.5	16.6	686.1	329	5.8	0.3	0.4	33	1.88	977.9	177.2	7.7	15	5.8	119.7	1.3	2	0.04
DUP 1064873	QC		0.240	1.7	21.6	837.9	424	6.9	0.4	0.5	45	2.28	1263	246.3	8.6	16	7.6	154.9	1.6	3	0.05
1064908	Drill Core	3.10	<0.005	3.0	3.8	8.8	47	<0.1	2.3	7.1	300	1.88	5.5	1.8	2.7	28	<0.1	4.5	0.7	31	0.81
DUP 1064908	QC		<0.005	3.5	4.0	8.1	42	<0.1	2.3	6.1	270	1.76	5.6	1.3	2.5	25	<0.1	5.0	0.6	30	0.69
Reference Materials																					
STD CDN-ME-3	Standard																				
STD DS8	Standard			12.3	115.1	114.9	311	1.7	38.7	7.7	583	2.42	24.3	108.6	5.9	58	2.3	4.8	6.3	40	0.67
STD DS8	Standard			13.1	115.1	115.9	310	1.7	39.0	7.6	598	2.51	24.7	107.5	5.9	59	1.9	4.7	5.9	41	0.70
STD DS8	Standard			12.1	112.5	128.2	323	1.9	40.0	7.6	624	2.51	28.3	113.7	6.9	65	2.5	5.9	7.0	41	0.71
STD DS8	Standard			12.2	106.7	123.5	308	1.7	37.5	7.3	590	2.48	25.5	105.7	6.5	64	2.1	5.2	6.9	40	0.68
STD DS8	Standard			13.6	102.1	122.3	321	1.8	37.9	7.8	633	2.59	30.1	107.8	6.7	65	2.4	5.4	6.5	43	0.75

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000294.3

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
Pulp Duplicates																					
1064843	Drill Core	0.005	3	7	0.03	55	<0.001	2	0.49	0.003	0.19	0.3	<0.01	0.2	0.2	0.22	1	<0.5	<0.2		
REP 1064843	QC	0.006	3	8	0.03	57	<0.001	2	0.49	0.003	0.20	0.1	<0.01	0.2	0.2	0.21	<1	<0.5	<0.2		
1064856	Drill Core	0.007	<1	<1	0.30	23	<0.001	3	0.16	0.001	0.11	<0.1	0.92	0.7	2.5	3.18	<1	1.8	0.6		
REP 1064856	QC																				
1064857	Drill Core	0.016	3	4	0.06	39	<0.001	4	0.37	0.002	0.22	<0.1	0.21	0.5	1.0	1.72	1	<0.5	<0.2		
REP 1064857	QC	0.016	3	4	0.07	37	<0.001	4	0.38	0.002	0.22	<0.1	0.22	0.6	1.1	1.79	1	<0.5	<0.2		
1064884	Drill Core	0.002	4	<1	0.02	311	<0.001	3	0.23	0.003	0.18	<0.1	0.01	<0.1	0.2	0.11	<1	<0.5	<0.2		
REP 1064884	QC																				
1064907	Drill Core	0.034	8	8	0.43	36	<0.001	<1	0.74	0.020	0.11	<0.1	0.01	0.5	<0.1	0.79	3	<0.5	<0.2		
REP 1064907	QC	0.034	8	8	0.43	38	<0.001	<1	0.73	0.020	0.11	<0.1	0.02	0.4	<0.1	0.80	3	<0.5	0.2		
1064912	Drill Core	0.063	4	99	1.73	220	0.222	<1	2.41	0.089	1.33	<0.1	<0.01	12.8	0.8	0.39	11	0.5	0.9		
REP 1064912	QC																				
1064927	Drill Core	0.048	3	6	0.04	97	<0.001	2	0.33	0.013	0.30	<0.1	0.13	2.6	3.3	0.46	1	<0.5	0.4		
REP 1064927	QC	0.050	3	6	0.04	99	<0.001	3	0.35	0.013	0.32	0.1	0.11	2.6	3.5	0.47	2	<0.5	0.4		
Core Reject Duplicates																					
1064838	Drill Core	0.009	3	<1	0.10	24	<0.001	1	0.34	0.002	0.11	0.2	0.02	0.5	0.3	0.64	<1	<0.5	4.4		
DUP 1064838	QC	0.010	4	<1	0.11	32	<0.001	1	0.43	0.002	0.15	0.2	<0.01	0.4	0.3	0.57	<1	<0.5	4.4		
1064873	Drill Core	0.011	3	<1	0.02	277	<0.001	4	0.22	<0.001	0.20	0.1	0.12	0.5	1.9	0.21	<1	<0.5	0.4		
DUP 1064873	QC	0.014	3	<1	0.02	250	<0.001	4	0.25	0.001	0.22	0.2	0.16	0.5	2.0	0.25	<1	<0.5	0.4		
1064908	Drill Core	0.059	8	4	0.72	51	0.004	<1	1.29	0.019	0.18	0.2	0.05	1.6	0.2	0.99	6	<0.5	0.2		
DUP 1064908	QC	0.057	7	4	0.65	47	0.004	<1	1.17	0.018	0.17	0.2	0.04	1.6	0.2	0.92	5	<0.5	<0.2		
Reference Materials																					
STD CDN-ME-3	Standard																			264	10.2
STD DS8	Standard	0.075	12	116	0.58	255	0.107	4	0.87	0.083	0.39	2.8	0.20	1.9	5.1	0.16	4	5.1	5.1		
STD DS8	Standard	0.079	13	120	0.60	254	0.108	2	0.89	0.087	0.39	2.7	0.17	1.9	5.0	0.16	5	5.4	4.7		
STD DS8	Standard	0.082	15	115	0.62	272	0.116	2	0.92	0.086	0.42	3.2	0.20	2.3	5.1	0.16	5	4.8	5.2		
STD DS8	Standard	0.087	14	107	0.61	266	0.109	2	0.90	0.084	0.42	2.6	0.17	2.0	5.0	0.16	4	4.8	4.6		
STD DS8	Standard	0.081	16	117	0.61	266	0.114	2	0.91	0.088	0.43	3.0	0.20	2.0	5.4	0.16	5	5.7	4.9		

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Project: Charlotte Project
Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000294.3

		Method	7TD	7TD	7TD	7TD
		Analyte	Cu	Pb	Zn	Ag
		Unit	%	%	%	gm/t
		MDL	0.001	0.02	0.01	2
Pulp Duplicates						
1064843	Drill Core					
REP 1064843	QC					
1064856	Drill Core		0.008	0.69	2.80	45
REP 1064856	QC		0.008	0.70	2.90	46
1064857	Drill Core					
REP 1064857	QC					
1064884	Drill Core					
REP 1064884	QC					
1064907	Drill Core					
REP 1064907	QC					
1064912	Drill Core					
REP 1064912	QC					
1064927	Drill Core					
REP 1064927	QC					
Core Reject Duplicates						
1064838	Drill Core					
DUP 1064838	QC					
1064873	Drill Core					
DUP 1064873	QC					
1064908	Drill Core					
DUP 1064908	QC					
Reference Materials						
STD CDN-ME-3	Standard					
STD DS8	Standard					
STD DS8	Standard					
STD DS8	Standard					
STD DS8	Standard					
STD DS8	Standard					

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		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			13.6	100.7	128.5	316	1.8	36.9	7.7	629	2.53	30.5	111.2	6.7	65	2.5	5.3	6.7	43	0.72
STD DS8	Standard			12.3	95.9	109.1	286	1.6	35.4	7.3	581	2.35	25.6	96.5	5.8	58	2.3	4.6	5.8	41	0.68
STD DS8	Standard			13.5	96.7	114.6	290	1.6	34.8	7.0	562	2.30	26.8	100.8	6.1	64	2.3	5.0	5.8	41	0.69
STD DS8	Standard			12.6	104.2	121.5	298	1.7	35.5	6.6	574	2.36	28.4	103.0	6.7	63	2.0	5.7	6.6	38	0.65
STD DS8	Standard			12.5	103.6	127.8	317	1.8	36.1	7.1	613	2.45	26.2	115.8	7.2	69	2.4	6.2	7.3	40	0.69
STD OREAS131B	Standard																				
STD OXH82	Standard		1.376																		
STD OXH82	Standard		1.290																		
STD OXH82	Standard		1.351																		
STD OXH82	Standard		1.315																		
STD OXK79	Standard		3.769																		
STD OXK79	Standard		3.645																		
STD OXK79	Standard		3.575																		
STD OXK79	Standard		3.535																		
STD R4T	Standard																				
STD SU-1B	Standard																				
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD R4T Expected																					
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD CDN-ME-3 Expected																					
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
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																		

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QUALITY CONTROL REPORT WHI11000294.3

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
STD DS8	Standard	0.086	15	117	0.60	275	0.112	2	0.91	0.085	0.43	3.0	0.21	1.9	5.8	0.17	5	5.8	5.1		
STD DS8	Standard	0.075	13	109	0.57	254	0.102	<1	0.88	0.083	0.39	2.6	0.18	2.1	4.7	0.15	4	4.4	4.4		
STD DS8	Standard	0.072	15	104	0.55	271	0.107	2	0.88	0.083	0.38	2.6	0.17	2.2	4.7	0.15	5	5.5	4.5		
STD DS8	Standard	0.076	13	107	0.57	261	0.098	2	0.84	0.078	0.38	3.3	0.23	1.8	5.5	0.15	5	5.2	5.1		
STD DS8	Standard	0.077	14	114	0.60	282	0.107	2	0.90	0.086	0.40	3.1	0.22	1.9	5.4	0.15	5	7.1	5.1		
STD OREAS131B	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 R4T	Standard																				
STD SU-1B	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD R4T Expected																					
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD CDN-ME-3 Expected																				276	9.77
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		
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																				

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		7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01	7TD Ag gm/t 2
STD DS8	Standard				
STD DS8	Standard				
STD DS8	Standard				
STD DS8	Standard				
STD DS8	Standard				
STD OREAS131B	Standard	0.021	1.78	3.09	33
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 R4T	Standard	0.496	1.50	3.36	84
STD SU-1B	Standard	1.148	<0.02	0.02	5
STD OXH82 Expected					
STD OXK79 Expected					
STD R4T Expected		0.502	1.518	3.376	86
STD OREAS131B Expected		0.0216	1.86	3.14	33.3
STD SU-1B Expected		1.185	0.0058	0.0235	6.4
STD CDN-ME-3 Expected					
STD DS8 Expected					
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				

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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: Charlotte Project
Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000294.3

		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			<0.1	<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																				
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank		<0.005	0.1	1.4	2.9	45	<0.1	3.4	4.1	508	1.81	3.4	0.7	4.5	63	<0.1	<0.1	<0.1	36	0.49
G1	Prep Blank		<0.005	0.1	2.5	2.9	43	<0.1	2.9	4.0	503	1.79	3.9	<0.5	4.2	58	<0.1	0.1	<0.1	36	0.46

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

Project: Charlotte Project
Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000294.3

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
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																				
BLK	Blank																			<50	<0.9
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		
Prep Wash																					
G1	Prep Blank	0.074	8	6	0.53	194	0.109	<1	0.92	0.073	0.44	<0.1	<0.01	1.9	0.2	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.073	8	6	0.52	189	0.106	<1	0.91	0.071	0.43	<0.1	<0.01	1.8	0.2	<0.05	5	<0.5	<0.2		

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000294.3

		7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01	7TD Ag gm/t 2
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank	<0.001	<0.02	<0.01	<2
BLK	Blank				
BLK	Blank				
Prep Wash					
G1	Prep Blank				
G1	Prep Blank				

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

Submitted By: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: August 11, 2011
Report Date: August 16, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11000294R.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-04
P.O. Number
Number of Samples: 2

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
G6	2	Lead collection fire assay fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Rerun missing overlimit for the original job.

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
Chris Basil

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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

Project: Charlotte Project
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS WHI11000294R.1

		Method	G6Gr
		Analyte	Ag
		Unit	gm/t
		MDL	50
1064846	Drill Core		135
1064860	Drill Core		141

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

Project: Charlotte Project
Report Date: August 16, 2011

QUALITY CONTROL REPORT WHI11000294R.1

		Method	G6Gr
		Analyte	Ag
		Unit	gm/t
		MDL	50
Reference Materials			
STD AGPROOF	Standard		96
STD CDN-ME-3	Standard		268
STD CDN-ME-3 Expected			276
STD AGPROOF Expected			94
BLK	Blank		<50
BLK	Blank		54

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

Submitted By: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: June 30, 2011
Report Date: September 30, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI11000363.2

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-05
P.O. Number
Number of Samples: 70

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	67	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	70	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	70	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	1	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN
7TD	3	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 7TD Pb for Sample 1064944, 1064948 & G613 for Sample 1064948 included.

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

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

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

Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000363.2

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
1064931	Drill Core	2.86	1.522	0.6	69.0	651.1	1103	4.4	25.3	11.3	428	6.46	4019	1689	0.6	42	13.5	113.1	0.7	47	0.20
1064932	Drill Core	2.95	2.209	0.4	111.4	43.4	1672	4.2	30.9	15.5	4328	4.80	3680	2372	0.9	25	39.6	71.2	0.8	32	0.41
1064933	Drill Core	3.13	0.844	0.3	35.0	428.6	64	8.8	1.2	0.7	51	1.84	526.6	948.3	0.9	31	3.1	79.7	1.6	11	0.06
1064934	Drill Core	1.59	1.704	0.3	37.5	1682	48	15.5	0.6	0.5	31	1.38	954.6	1950	0.6	30	3.5	304.1	0.3	6	0.04
1064935	Rock	1.27	<0.005	<0.1	1.0	3.2	13	<0.1	1.6	0.4	224	0.44	5.8	5.6	<0.1	40	<0.1	0.5	<0.1	<2	20.34
1064936	Drill Core	2.69	0.946	0.7	68.3	573.0	1408	20.6	2.4	2.6	281	4.95	2270	1048	1.8	99	10.9	91.4	0.3	33	0.16
1064937	Drill Core	1.99	2.119	0.4	21.5	2564	36	58.3	0.3	0.2	37	1.94	712.4	1779	0.7	45	2.7	357.1	0.3	14	0.08
1064938	Drill Core	2.50	2.232	0.5	31.2	9349	60	49.0	0.3	0.3	31	2.71	1073	2419	1.1	47	4.2	1424	0.5	21	0.05
1064939	Rock Pulp	0.14	1.540	248.9	1667	113.6	170	>100	10.0	9.4	804	3.10	77.0	1442	0.5	74	1.0	168.9	7.5	26	1.87
1064940	Drill Core	2.21	0.331	0.2	2.8	1040	20	9.0	0.2	0.1	26	2.00	462.4	357.6	2.5	68	0.7	202.6	0.5	16	0.06
1064941	Drill Core	1.11	1.336	0.7	10.4	808.7	19	34.2	0.3	0.2	27	2.42	634.3	1548	1.6	63	1.9	226.1	0.2	16	0.07
1064942	Drill Core	3.30	0.829	0.4	11.6	1398	41	13.0	0.4	0.3	28	2.19	639.6	886.4	1.1	79	2.9	310.8	0.2	15	0.06
1064943	Drill Core	1.69	1.039	0.4	49.9	1212	27	11.2	2.7	2.1	36	3.02	756.1	1011	0.7	19	2.1	221.8	0.2	18	0.04
1064944	Drill Core	1.62	2.528	0.8	805.3	>10000	3597	>100	3.8	9.5	84	7.13	3423	3146	2.1	53	140.5	>2000	1.4	18	0.05
1064945	Rock	1.18	0.005	<0.1	2.3	14.5	15	0.5	1.5	0.5	219	0.43	8.7	4.7	<0.1	38	0.2	3.3	0.2	<2	20.39
1064946	Drill Core	3.68	1.026	0.3	51.8	2366	55	65.6	4.2	6.6	50	4.64	1307	1096	1.3	35	3.1	186.9	0.3	18	0.06
1064947	Rock	1.08	0.012	<0.1	1.5	14.6	16	0.5	1.8	0.6	244	0.45	13.9	9.1	<0.1	38	0.2	2.7	0.2	<2	20.88
1064948	Drill Core	2.46	>10	0.3	6805	>10000	>10000	>100	0.6	1.5	829	20.38	>10000	>100000	<0.1	45	1457	>2000	1.5	10	0.08
1064949	Drill Core	1.12	0.857	1.0	64.4	2137	690	67.0	0.5	0.5	50	1.94	919.1	950.2	0.9	50	18.4	365.0	0.5	12	0.12
1064950	Drill Core	2.45	0.078	0.3	59.4	109.1	990	5.0	6.6	5.5	196	5.23	808.0	86.8	2.0	85	7.0	68.9	0.3	34	0.18
1064951	Drill Core	3.79	0.016	0.1	57.9	16.2	1597	0.6	7.2	18.3	1520	5.30	42.8	10.9	1.9	61	12.7	6.3	0.2	101	1.05
1064952	Drill Core	3.39	0.007	<0.1	23.5	7.0	286	0.3	5.8	13.2	943	3.98	37.1	8.1	1.5	45	2.0	3.4	0.3	96	1.73
1064953	Drill Core	4.40	0.024	0.1	38.2	36.8	162	1.1	3.8	14.3	659	4.32	38.1	25.6	0.8	31	0.9	8.9	0.2	104	1.55
1064954	Drill Core	5.44	0.006	0.1	42.5	4.1	137	0.2	2.0	16.3	581	4.50	20.6	7.0	0.4	21	0.4	1.7	0.2	128	1.28
1064955	Drill Core	1.88	0.015	<0.1	48.3	20.9	137	0.6	1.9	15.5	579	4.70	27.9	17.6	0.5	20	0.7	4.8	0.1	135	1.30
1064956	Drill Core	6.75	<0.005	0.1	38.4	5.4	291	0.1	4.7	16.1	576	4.72	69.6	7.1	0.6	19	0.6	2.9	0.3	128	0.92
1064957	Drill Core	6.21	0.009	<0.1	25.7	9.4	102	0.3	2.6	14.2	535	4.16	14.1	11.6	0.6	18	0.4	3.3	0.4	107	1.34
1064958	Drill Core	4.55	<0.005	<0.1	29.9	4.2	75	0.1	1.9	13.7	686	4.25	7.2	5.7	0.5	22	0.2	2.2	0.5	105	1.80
1064959	Drill Core	4.60	0.009	0.8	28.2	7.0	95	0.2	4.4	15.6	769	4.41	7.5	6.4	0.6	28	0.3	2.3	0.6	131	1.60
1064960	Drill Core	3.26	<0.005	1.2	40.5	3.5	92	<0.1	2.7	15.5	518	3.62	6.2	3.9	0.4	25	0.4	1.6	0.4	71	1.62

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

Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000363.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1064931	Drill Core	0.106	3	13	0.07	103	<0.001	4	0.69	0.004	0.36	0.1	0.23	11.6	4.0	0.50	2	<0.5	<0.2		
1064932	Drill Core	0.064	2	11	0.17	42	<0.001	5	0.62	0.002	0.28	0.2	0.33	7.1	3.4	0.45	1	<0.5	0.5		
1064933	Drill Core	0.014	3	7	0.03	74	<0.001	10	0.24	0.003	0.45	0.1	0.19	1.2	3.2	0.71	2	0.7	0.5		
1064934	Drill Core	0.015	1	5	0.02	104	<0.001	6	0.15	0.002	0.21	<0.1	0.27	1.3	2.2	0.78	<1	<0.5	<0.2		
1064935	Rock	0.015	<1	<1	11.36	16	0.001	2	0.03	0.001	0.02	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1064936	Drill Core	0.053	4	3	0.05	137	<0.001	4	0.40	0.003	0.36	0.2	0.21	7.4	2.5	0.48	2	<0.5	<0.2		
1064937	Drill Core	0.017	2	3	0.05	124	<0.001	12	0.25	0.003	0.48	<0.1	0.25	1.0	5.1	0.62	2	<0.5	<0.2		
1064938	Drill Core	0.023	2	4	0.03	132	0.001	17	0.18	0.003	0.58	<0.1	0.23	1.3	5.5	1.00	3	<0.5	<0.2		
1064939	Rock Pulp	0.054	2	16	0.78	93	0.065	4	1.27	0.096	0.19	2.1	0.72	1.2	<0.1	0.26	3	0.7	1.0		
1064940	Drill Core	0.016	6	4	0.03	153	0.001	13	0.21	0.003	0.52	<0.1	0.07	0.8	2.4	0.66	3	<0.5	<0.2		
1064941	Drill Core	0.011	7	2	0.03	117	0.001	15	0.22	0.003	0.60	<0.1	0.12	2.0	2.2	0.83	3	<0.5	<0.2		
1064942	Drill Core	0.014	3	3	0.03	145	<0.001	9	0.22	0.003	0.55	<0.1	0.09	1.0	2.0	0.76	2	<0.5	<0.2		
1064943	Drill Core	0.012	1	3	0.03	45	<0.001	10	0.20	0.002	0.35	0.1	0.04	3.5	0.9	2.58	3	<0.5	<0.2		
1064944	Drill Core	0.033	1	3	0.03	35	<0.001	7	0.25	0.002	0.28	<0.1	1.14	4.4	2.6	7.50	3	0.7	<0.2		
1064945	Rock	0.016	<1	<1	11.59	15	<0.001	<1	0.03	0.001	0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1064946	Drill Core	0.011	1	3	0.02	23	<0.001	7	0.24	0.002	0.30	<0.1	0.13	2.0	0.7	4.83	2	<0.5	<0.2		
1064947	Rock	0.014	<1	<1	11.73	30	<0.001	<1	0.03	0.001	0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1064948	Drill Core	0.037	<1	2	<0.01	35	<0.001	<1	0.17	<0.001	0.04	<0.1	2.77	1.6	2.9	>10	4	2.0	<0.2	2550	151.1
1064949	Drill Core	0.025	1	3	0.06	93	<0.001	4	0.28	0.004	0.33	<0.1	0.11	1.8	2.4	0.48	1	<0.5	<0.2		
1064950	Drill Core	0.053	7	3	0.23	187	0.005	4	0.94	0.015	0.53	<0.1	0.04	7.4	1.3	0.52	3	<0.5	<0.2		
1064951	Drill Core	0.053	6	3	1.30	247	0.134	1	2.40	0.037	0.96	<0.1	<0.01	13.0	0.4	0.46	8	<0.5	<0.2		
1064952	Drill Core	0.056	4	7	1.46	148	0.114	2	1.99	0.034	0.84	<0.1	<0.01	10.1	0.3	0.95	7	<0.5	<0.2		
1064953	Drill Core	0.084	3	8	1.37	194	0.137	<1	2.16	0.120	0.69	<0.1	<0.01	9.6	0.2	0.50	7	<0.5	<0.2		
1064954	Drill Core	0.086	2	2	1.54	125	0.119	<1	2.08	0.119	0.65	<0.1	<0.01	9.3	0.3	0.40	8	<0.5	<0.2		
1064955	Drill Core	0.080	2	2	1.49	136	0.135	<1	2.00	0.126	0.67	<0.1	<0.01	10.0	0.2	0.30	8	<0.5	<0.2		
1064956	Drill Core	0.062	3	14	1.60	130	0.148	<1	2.18	0.104	0.75	<0.1	<0.01	10.3	0.3	0.79	8	<0.5	<0.2		
1064957	Drill Core	0.068	2	4	1.18	65	0.144	1	1.69	0.124	0.39	<0.1	<0.01	9.1	0.1	1.54	6	<0.5	<0.2		
1064958	Drill Core	0.073	2	2	1.22	77	0.150	2	1.73	0.101	0.34	<0.1	<0.01	9.2	0.1	1.30	7	<0.5	<0.2		
1064959	Drill Core	0.068	3	5	1.33	61	0.197	<1	1.97	0.115	0.70	<0.1	<0.01	9.5	0.2	1.35	7	<0.5	<0.2		
1064960	Drill Core	0.068	1	5	0.84	67	0.165	1	1.96	0.105	0.38	<0.1	<0.01	5.0	0.2	1.14	5	<0.5	<0.2		

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000363.2

Method		7TD	7TD	7TD	7TD
Analyte		Cu	Pb	Zn	Ag
Unit		%	%	%	gm/t
MDL		0.001	0.02	0.01	2
1064931	Drill Core				
1064932	Drill Core				
1064933	Drill Core				
1064934	Drill Core				
1064935	Rock				
1064936	Drill Core				
1064937	Drill Core				
1064938	Drill Core				
1064939	Rock Pulp	0.172	<0.02	0.02	103
1064940	Drill Core				
1064941	Drill Core				
1064942	Drill Core				
1064943	Drill Core				
1064944	Drill Core	0.078	1.47	0.37	>300
1064945	Rock				
1064946	Drill Core				
1064947	Rock				
1064948	Drill Core	0.663	8.37	6.56	>300
1064949	Drill Core				
1064950	Drill Core				
1064951	Drill Core				
1064952	Drill Core				
1064953	Drill Core				
1064954	Drill Core				
1064955	Drill Core				
1064956	Drill Core				
1064957	Drill Core				
1064958	Drill Core				
1064959	Drill Core				
1064960	Drill Core				

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Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000363.2

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
1064961	Drill Core	3.95	0.040	0.2	61.5	303.8	509	1.3	2.1	12.1	746	3.34	20.2	20.2	0.4	36	6.2	5.4	0.4	47	1.87
1064962	Drill Core	5.71	<0.005	0.1	59.8	3.2	99	0.2	1.1	11.2	769	3.83	7.8	10.0	0.6	41	0.4	2.1	0.6	55	1.93
1064963	Rock Pulp	0.14	0.402	10.0	134.9	6.3	49	0.2	26.7	36.3	536	3.23	1318	408.5	3.0	73	0.2	2.0	4.3	81	1.34
1064964	Drill Core	3.19	0.124	0.3	11.8	52.3	333	1.2	4.9	16.3	2495	5.16	1100	125.8	1.1	27	2.2	12.2	0.5	14	0.98
1064965	Drill Core	3.05	0.071	0.3	16.1	41.5	1066	0.9	15.4	25.9	>10000	5.20	338.5	66.0	1.4	10	18.4	8.2	0.3	<2	1.20
1064966	Drill Core	3.01	0.171	0.1	7.8	132.3	63	1.7	1.3	4.7	142	2.72	268.0	181.9	1.5	47	0.3	5.3	0.3	3	0.11
1064967	Drill Core	3.20	0.027	0.2	10.9	207.9	374	1.5	1.0	2.9	137	4.06	350.9	30.4	2.1	120	1.2	5.5	0.8	7	0.15
1064968	Drill Core	2.19	0.012	0.1	12.8	9.2	457	0.2	1.6	8.2	140	2.88	81.4	9.3	2.5	52	1.9	1.7	0.5	8	0.11
1064969	Drill Core	5.83	0.011	0.3	8.7	8.5	154	0.1	1.2	6.2	278	3.64	23.6	5.4	2.9	63	0.7	1.7	0.7	19	0.24
1064970	Drill Core	5.66	0.008	0.2	4.4	6.8	260	<0.1	1.3	7.2	864	2.28	16.7	2.3	2.5	21	1.4	1.1	0.5	12	0.60
1064971	Drill Core	3.54	<0.005	0.4	6.2	10.8	410	<0.1	1.3	5.9	979	2.47	38.6	3.3	2.9	14	4.4	1.9	0.4	3	1.00
1064972	Drill Core	4.81	<0.005	0.4	6.6	5.4	443	0.4	4.7	4.3	827	2.34	57.1	3.8	2.8	17	10.7	3.2	0.3	4	1.09
1064973	Drill Core	6.36	<0.005	0.2	5.0	3.6	201	<0.1	4.8	4.3	483	2.06	15.6	1.2	3.9	16	1.6	1.5	0.4	4	0.56
1064974	Drill Core	3.51	<0.005	0.4	5.8	94.8	253	0.4	2.1	2.5	380	1.65	44.5	5.1	3.1	9	4.5	2.7	0.3	<2	0.38
1064975	Drill Core	4.94	<0.005	0.6	3.0	16.4	464	0.3	2.7	3.5	935	2.19	54.0	4.6	3.3	8	9.9	3.1	0.4	<2	0.59
1064976	Rock	1.69	<0.005	<0.1	0.5	1.2	13	<0.1	1.8	0.5	219	0.43	3.2	<0.5	<0.1	40	<0.1	<0.1	<0.1	<2	20.95
1064977	Drill Core	5.85	0.018	0.6	3.2	271.2	204	1.0	3.3	3.1	1146	2.07	66.4	18.3	3.4	24	2.2	2.6	0.4	3	1.46
1064978	Drill Core	5.46	<0.005	0.7	4.6	3.7	75	<0.1	2.9	4.1	369	2.32	4.6	1.2	3.5	39	0.2	1.1	0.4	16	1.19
1064979	Drill Core	5.77	0.007	0.6	2.7	6.9	48	<0.1	1.3	3.4	283	2.40	5.2	2.3	3.9	32	0.3	0.7	0.6	16	1.13
1064980	Drill Core	5.86	<0.005	0.5	5.7	6.1	55	<0.1	1.8	3.7	371	2.58	2.1	1.9	3.0	28	0.1	0.7	0.4	32	0.86
1064981	Drill Core	4.94	0.089	1.4	10.4	36.3	112	2.4	3.0	0.8	119	2.09	899.8	103.4	2.7	18	0.6	13.2	<0.1	5	0.06
1064982	Drill Core	4.76	0.024	0.7	5.1	60.6	38	2.0	1.2	0.3	82	1.06	444.0	28.5	1.6	25	0.2	26.2	<0.1	4	0.05
1064983	Drill Core	5.33	0.190	0.9	14.5	91.4	405	1.3	9.9	1.8	322	5.17	2283	204.9	3.0	14	2.1	47.3	<0.1	6	0.07
1064984	Drill Core	5.58	0.480	0.6	4.8	28.0	103	1.1	3.1	0.6	79	1.34	880.9	554.7	1.6	12	0.8	12.7	<0.1	3	0.04
1064985	Rock Pulp	0.09	0.011	670.5	120.5	8.8	84	0.2	15.8	5.8	626	2.41	2.9	3.3	4.7	141	<0.1	0.4	0.6	27	1.28
1064986	Drill Core	4.11	0.465	1.3	7.8	50.2	131	0.9	2.6	1.4	195	1.86	1034	496.0	1.4	13	2.3	11.4	<0.1	2	0.06
1064987	Drill Core	3.93	0.045	0.5	12.5	170.2	150	1.7	3.8	1.7	128	1.76	567.0	47.9	1.8	23	0.9	16.9	<0.1	4	0.05
1064988	Drill Core	1.51	0.026	0.9	26.9	186.2	1147	1.6	32.6	46.3	8852	3.47	473.3	25.1	1.9	14	9.2	9.0	<0.1	<2	0.04
1064989	Drill Core	4.49	0.130	0.9	9.8	241.4	215	2.3	4.8	1.0	105	2.91	1280	145.0	2.7	31	1.6	17.8	0.1	7	0.06
1064990	Drill Core	4.04	0.011	0.5	8.3	34.1	218	1.3	3.3	1.4	80	2.06	329.2	14.0	2.5	26	0.6	13.7	0.1	3	0.08

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000363.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1064961	Drill Core	0.063	2	7	0.51	52	0.086	3	1.50	0.051	0.18	<0.1	<0.01	3.4	0.2	1.10	4	0.6	<0.2		
1064962	Drill Core	0.066	3	4	0.82	58	0.070	<1	1.64	0.091	0.20	<0.1	<0.01	6.0	0.2	1.83	5	<0.5	<0.2		
1064963	Rock Pulp	0.057	6	47	0.79	130	0.107	4	1.84	0.205	0.28	0.4	<0.01	2.4	<0.1	0.13	5	2.0	0.7		
1064964	Drill Core	0.065	3	2	0.30	50	<0.001	2	0.47	0.006	0.22	<0.1	0.04	4.6	0.7	3.28	1	0.5	<0.2		
1064965	Drill Core	0.101	3	11	0.38	39	<0.001	3	0.55	0.003	0.28	0.2	0.04	4.7	0.6	2.36	1	<0.5	<0.2		
1064966	Drill Core	0.052	4	2	0.03	70	<0.001	5	0.31	0.005	0.34	0.1	0.04	2.9	0.9	2.03	1	<0.5	<0.2		
1064967	Drill Core	0.101	8	2	0.05	133	<0.001	3	0.48	0.020	0.48	<0.1	0.04	3.2	0.5	0.61	2	<0.5	1.1		
1064968	Drill Core	0.077	11	2	0.04	71	<0.001	2	0.67	0.007	0.22	<0.1	0.01	2.6	0.2	0.45	1	0.7	0.3		
1064969	Drill Core	0.050	8	4	0.48	117	0.019	<1	1.47	0.030	0.32	<0.1	0.01	5.0	0.1	1.06	5	0.8	<0.2		
1064970	Drill Core	0.057	12	4	0.40	137	0.006	1	0.95	0.023	0.24	<0.1	<0.01	1.1	0.1	0.88	3	0.5	0.5		
1064971	Drill Core	0.030	7	2	0.42	46	0.002	2	0.67	0.004	0.22	<0.1	0.01	1.4	0.1	0.96	1	<0.5	0.4		
1064972	Drill Core	0.028	7	5	0.41	52	<0.001	2	1.05	0.003	0.19	<0.1	0.03	2.4	0.1	0.96	2	<0.5	<0.2		
1064973	Drill Core	0.037	9	6	0.19	139	<0.001	2	0.71	0.012	0.21	<0.1	0.03	1.3	0.2	0.93	2	0.5	<0.2		
1064974	Drill Core	0.015	7	7	0.20	89	<0.001	5	0.49	0.003	0.23	<0.1	0.02	1.2	0.3	0.64	1	<0.5	<0.2		
1064975	Drill Core	0.020	8	5	0.21	64	<0.001	3	0.41	0.003	0.22	<0.1	0.03	1.3	0.2	1.29	<1	0.5	<0.2		
1064976	Rock	0.014	<1	<1	11.81	12	<0.001	<1	0.03	0.002	0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1064977	Drill Core	0.026	5	9	0.47	69	<0.001	3	0.36	0.003	0.22	<0.1	0.02	1.5	0.3	1.28	<1	<0.5	<0.2		
1064978	Drill Core	0.035	8	17	0.82	137	0.013	3	1.08	0.038	0.27	<0.1	<0.01	3.7	0.2	1.07	5	<0.5	<0.2		
1064979	Drill Core	0.049	8	6	0.54	84	0.013	4	0.82	0.052	0.21	<0.1	<0.01	2.0	0.1	1.55	4	<0.5	<0.2		
1064980	Drill Core	0.060	12	9	0.73	110	0.073	2	1.16	0.057	0.21	<0.1	<0.01	2.8	0.1	1.13	5	<0.5	<0.2		
1064981	Drill Core	0.023	5	6	0.02	106	<0.001	6	0.33	0.004	0.28	3.0	0.06	2.1	0.8	0.15	1	<0.5	<0.2		
1064982	Drill Core	0.013	5	8	0.03	97	<0.001	3	0.33	0.003	0.32	<0.1	0.05	1.6	1.1	0.20	1	<0.5	<0.2		
1064983	Drill Core	0.056	4	3	0.02	131	<0.001	4	0.32	0.003	0.24	0.1	0.10	1.4	1.3	0.13	1	0.5	<0.2		
1064984	Drill Core	0.023	4	7	0.02	68	<0.001	4	0.30	0.002	0.22	<0.1	0.13	1.9	0.6	0.08	<1	<0.5	<0.2		
1064985	Rock Pulp	0.078	17	20	0.48	135	0.020	1	0.75	0.042	0.31	0.7	0.01	2.7	0.3	0.29	3	<0.5	<0.2		
1064986	Drill Core	0.030	5	4	0.03	89	<0.001	4	0.34	0.002	0.20	0.1	0.10	1.2	0.5	0.06	<1	<0.5	<0.2		
1064987	Drill Core	0.035	8	4	0.03	83	<0.001	5	0.40	0.002	0.26	<0.1	0.04	2.1	0.5	0.08	<1	<0.5	<0.2		
1064988	Drill Core	0.038	8	3	0.02	102	<0.001	6	0.63	0.002	0.21	<0.1	0.06	2.0	0.9	<0.05	1	<0.5	<0.2		
1064989	Drill Core	0.060	5	5	0.03	113	<0.001	6	0.36	0.004	0.29	0.1	0.12	3.4	0.8	0.21	<1	<0.5	<0.2		
1064990	Drill Core	0.026	7	3	0.04	63	<0.001	5	0.34	0.003	0.31	<0.1	0.03	1.3	0.6	0.25	<1	<0.5	<0.2		

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Method		7TD	7TD	7TD	7TD
Analyte		Cu	Pb	Zn	Ag
Unit		%	%	%	gm/t
MDL		0.001	0.02	0.01	2
1064961	Drill Core				
1064962	Drill Core				
1064963	Rock Pulp				
1064964	Drill Core				
1064965	Drill Core				
1064966	Drill Core				
1064967	Drill Core				
1064968	Drill Core				
1064969	Drill Core				
1064970	Drill Core				
1064971	Drill Core				
1064972	Drill Core				
1064973	Drill Core				
1064974	Drill Core				
1064975	Drill Core				
1064976	Rock				
1064977	Drill Core				
1064978	Drill Core				
1064979	Drill Core				
1064980	Drill Core				
1064981	Drill Core				
1064982	Drill Core				
1064983	Drill Core				
1064984	Drill Core				
1064985	Rock Pulp				
1064986	Drill Core				
1064987	Drill Core				
1064988	Drill Core				
1064989	Drill Core				
1064990	Drill Core				

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000363.2

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
1064991	Drill Core	5.25	0.035	1.2	11.1	22.0	304	0.6	13.6	8.9	2890	2.14	707.1	38.1	2.8	9	2.0	10.2	0.1	<2	0.63
1064992	Drill Core	4.21	0.083	2.0	37.1	26.8	625	0.8	25.7	28.9	6388	2.72	937.4	88.2	3.1	32	9.0	12.3	0.2	<2	0.20
1064993	Drill Core	4.33	0.176	0.7	16.9	51.0	206	2.2	3.8	1.4	140	2.04	705.8	188.2	3.0	37	1.0	17.6	0.2	5	0.10
1064994	Drill Core	4.26	0.030	5.8	3.4	110.7	48	1.5	1.2	0.4	82	1.14	386.5	46.4	2.6	38	0.5	9.5	0.3	4	0.08
1064995	Drill Core	4.32	0.057	3.1	4.2	280.4	64	4.6	1.1	0.2	28	1.08	233.6	81.7	2.8	34	0.3	17.8	0.8	4	0.07
1064996	Drill Core	1.65	0.045	3.4	4.7	360.0	50	4.9	1.0	0.2	30	1.01	207.8	63.4	2.6	29	0.2	18.7	0.7	4	0.06
1064997	Drill Core	5.56	0.394	1.4	6.7	94.8	354	1.5	6.9	1.1	93	2.99	877.8	437.2	4.0	77	2.5	36.8	0.3	12	0.08
1064998	Drill Core	4.20	0.515	1.7	11.8	71.5	603	1.3	12.2	4.5	682	4.45	1584	549.1	4.2	75	5.1	51.4	0.3	15	0.08
1064999	Drill Core	4.68	0.336	2.3	22.1	32.1	893	1.1	41.4	56.1	6470	3.69	1381	350.0	4.0	28	6.9	13.3	0.4	14	0.08
1064826	Rock	1.33	<0.005	<0.1	0.1	1.2	13	<0.1	1.5	0.9	184	0.39	16.2	<0.5	<0.1	35	<0.1	<0.1	<0.1	<2	17.04

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CERTIFICATE OF ANALYSIS WHI11000363.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1064991	Drill Core	0.037	7	8	0.04	56	<0.001	5	0.36	0.002	0.23	<0.1	0.02	2.6	0.5	<0.05	<1	<0.5	<0.2		
1064992	Drill Core	0.053	9	3	0.06	54	<0.001	5	0.59	0.002	0.24	0.3	0.04	3.7	0.6	<0.05	<1	<0.5	<0.2		
1064993	Drill Core	0.029	6	3	0.05	66	<0.001	4	0.38	0.004	0.34	0.1	0.04	2.0	0.6	0.26	1	<0.5	<0.2		
1064994	Drill Core	0.019	6	3	0.04	74	<0.001	5	0.37	0.004	0.34	0.4	0.05	3.1	0.6	0.23	1	<0.5	<0.2		
1064995	Drill Core	0.016	8	5	0.04	81	<0.001	5	0.32	0.004	0.29	0.4	0.13	1.1	0.7	0.22	<1	<0.5	0.4		
1064996	Drill Core	0.015	8	4	0.04	86	<0.001	7	0.33	0.004	0.31	1.8	0.13	1.3	0.7	0.22	<1	<0.5	0.5		
1064997	Drill Core	0.039	9	8	0.04	101	<0.001	5	0.34	0.007	0.29	1.0	0.18	1.8	0.7	0.26	1	<0.5	<0.2		
1064998	Drill Core	0.053	9	8	0.03	180	<0.001	4	0.38	0.007	0.27	1.9	0.22	4.1	0.7	0.22	<1	<0.5	<0.2		
1064999	Drill Core	0.063	10	9	0.04	211	<0.001	3	0.47	0.003	0.21	0.2	0.13	4.5	0.7	<0.05	1	<0.5	<0.2		
1064826	Rock	0.013	<1	1	11.48	30	<0.001	<1	0.01	0.001	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		

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Method		7TD	7TD	7TD	7TD
Analyte		Cu	Pb	Zn	Ag
Unit		%	%	%	gm/t
MDL		0.001	0.02	0.01	2
1064991	Drill Core				
1064992	Drill Core				
1064993	Drill Core				
1064994	Drill Core				
1064995	Drill Core				
1064996	Drill Core				
1064997	Drill Core				
1064998	Drill Core				
1064999	Drill Core				
1064826	Rock				

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QUALITY CONTROL REPORT WHI11000363.2

	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																					
1064938	Drill Core	2.50	2.232	0.5	31.2	9349	60	49.0	0.3	0.3	31	2.71	1073	2419	1.1	47	4.2	1424	0.5	21	0.05
REP 1064938	QC			0.6	31.2	9391	59	49.1	0.4	0.2	32	2.71	1073	2436	1.2	45	4.2	1449	0.5	21	0.05
1064958	Drill Core	4.55	<0.005	<0.1	29.9	4.2	75	0.1	1.9	13.7	686	4.25	7.2	5.7	0.5	22	0.2	2.2	0.5	105	1.80
REP 1064958	QC		<0.005																		
1064991	Drill Core	5.25	0.035	1.2	11.1	22.0	304	0.6	13.6	8.9	2890	2.14	707.1	38.1	2.8	9	2.0	10.2	0.1	<2	0.63
REP 1064991	QC		0.035																		
1064997	Drill Core	5.56	0.394	1.4	6.7	94.8	354	1.5	6.9	1.1	93	2.99	877.8	437.2	4.0	77	2.5	36.8	0.3	12	0.08
REP 1064997	QC			1.3	7.0	89.1	340	1.5	6.8	1.1	93	2.98	875.5	432.5	3.8	75	2.2	34.2	0.3	11	0.08
Core Reject Duplicates																					
1064936	Drill Core	2.69	0.946	0.7	68.3	573.0	1408	20.6	2.4	2.6	281	4.95	2270	1048	1.8	99	10.9	91.4	0.3	33	0.16
DUP 1064936	QC		0.968	0.6	64.6	563.6	1390	20.0	2.8	2.4	288	4.88	2246	1017	1.8	98	11.1	91.4	0.3	33	0.16
1064971	Drill Core	3.54	<0.005	0.4	6.2	10.8	410	<0.1	1.3	5.9	979	2.47	38.6	3.3	2.9	14	4.4	1.9	0.4	3	1.00
DUP 1064971	QC		<0.005	0.4	6.3	11.5	427	<0.1	1.1	6.1	1000	2.47	38.6	3.0	3.0	15	4.7	2.0	0.4	3	1.05
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			12.2	105.9	122.1	309	1.7	37.8	7.6	588	2.44	24.6	106.4	6.2	55	2.2	5.2	6.3	39	0.64
STD DS8	Standard			12.6	106.5	123.8	308	1.7	36.8	7.1	608	2.41	26.8	112.7	6.7	62	2.2	5.7	6.4	40	0.68
STD DS8	Standard			13.5	103.0	117.1	307	1.8	39.1	7.6	611	2.39	26.7	105.6	6.0	60	2.0	4.6	5.6	42	0.71
STD DS8	Standard			12.8	105.9	121.0	308	1.8	39.7	7.6	609	2.44	29.1	109.2	6.3	62	2.1	4.7	5.9	43	0.72
STD DS8	Standard			11.7	102.8	111.6	307	2.0	36.0	7.0	577	2.39	24.9	114.7	5.7	58	2.1	4.9	6.0	39	0.65
STD DS8	Standard			13.3	113.5	122.1	325	2.0	40.5	7.9	617	2.54	27.9	136.6	6.3	65	2.3	5.3	6.4	42	0.70
STD OREAS131B	Standard																				
STD OXH82	Standard		1.319																		
STD OXH82	Standard		1.347																		
STD OXH82	Standard		1.337																		
STD OXH82	Standard		1.406																		
STD OXH82	Standard		1.315																		

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Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000363.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
Pulp Duplicates																					
1064938	Drill Core	0.023	2	4	0.03	132	0.001	17	0.18	0.003	0.58	<0.1	0.23	1.3	5.5	1.00	3	<0.5	<0.2		
REP 1064938	QC	0.023	2	4	0.03	132	0.001	15	0.18	0.003	0.56	<0.1	0.23	1.3	5.4	1.00	3	<0.5	<0.2		
1064958	Drill Core	0.073	2	2	1.22	77	0.150	2	1.73	0.101	0.34	<0.1	<0.01	9.2	0.1	1.30	7	<0.5	<0.2		
REP 1064958	QC																				
1064991	Drill Core	0.037	7	8	0.04	56	<0.001	5	0.36	0.002	0.23	<0.1	0.02	2.6	0.5	<0.05	<1	<0.5	<0.2		
REP 1064991	QC																				
1064997	Drill Core	0.039	9	8	0.04	101	<0.001	5	0.34	0.007	0.29	1.0	0.18	1.8	0.7	0.26	1	<0.5	<0.2		
REP 1064997	QC	0.036	9	7	0.03	98	<0.001	4	0.33	0.007	0.29	0.9	0.17	1.7	0.7	0.26	1	<0.5	<0.2		
Core Reject Duplicates																					
1064936	Drill Core	0.053	4	3	0.05	137	<0.001	4	0.40	0.003	0.36	0.2	0.21	7.4	2.5	0.48	2	<0.5	<0.2		
DUP 1064936	QC	0.054	4	3	0.07	139	<0.001	6	0.43	0.003	0.38	0.3	0.19	7.3	2.4	0.48	2	<0.5	<0.2		
1064971	Drill Core	0.030	7	2	0.42	46	0.002	2	0.67	0.004	0.22	<0.1	0.01	1.4	0.1	0.96	1	<0.5	0.4		
DUP 1064971	QC	0.031	8	2	0.44	46	0.002	2	0.67	0.004	0.23	<0.1	0.01	1.5	0.1	0.99	2	<0.5	0.3		
Reference Materials																					
STD AGPROOF	Standard																			96	<0.9
STD CDN-ME-3	Standard																			258	9.5
STD DS8	Standard	0.074	12	117	0.58	240	0.102	6	0.86	0.079	0.40	2.9	0.19	1.8	5.4	0.16	4	4.9	4.9		
STD DS8	Standard	0.076	14	115	0.60	270	0.110	3	0.93	0.087	0.42	2.9	0.20	1.8	5.5	0.15	5	4.9	4.6		
STD DS8	Standard	0.071	14	122	0.59	248	0.119	3	0.92	0.094	0.39	2.9	0.19	2.0	5.2	0.16	4	4.9	4.8		
STD DS8	Standard	0.076	14	120	0.60	251	0.117	2	0.92	0.095	0.41	3.1	0.20	2.0	5.4	0.16	5	5.8	5.1		
STD DS8	Standard	0.076	12	119	0.59	256	0.104	2	0.87	0.080	0.41	3.1	0.22	1.7	5.2	0.16	5	4.6	4.9		
STD DS8	Standard	0.082	14	124	0.62	291	0.114	4	0.95	0.084	0.44	3.2	0.20	1.9	5.5	0.16	5	5.6	5.4		
STD OREAS131B	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
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QUALITY CONTROL REPORT WHI11000363.2

		Method	7TD	7TD	7TD	7TD
		Analyte	Cu	Pb	Zn	Ag
		Unit	%	%	%	gm/t
		MDL	0.001	0.02	0.01	2
Pulp Duplicates						
1064938	Drill Core					
REP 1064938	QC					
1064958	Drill Core					
REP 1064958	QC					
1064991	Drill Core					
REP 1064991	QC					
1064997	Drill Core					
REP 1064997	QC					
Core Reject Duplicates						
1064936	Drill Core					
DUP 1064936	QC					
1064971	Drill Core					
DUP 1064971	QC					
Reference Materials						
STD AGPROOF	Standard					
STD CDN-ME-3	Standard					
STD DS8	Standard					
STD DS8	Standard					
STD DS8	Standard					
STD DS8	Standard					
STD DS8	Standard					
STD DS8	Standard					
STD OREAS131B	Standard		0.021	1.80	3.15	33
STD OXH82	Standard					
STD OXH82	Standard					
STD OXH82	Standard					
STD OXH82	Standard					
STD OXH82	Standard					

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		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 OXK79	Standard		3.635																		
STD OXK79	Standard		3.712																		
STD OXK79	Standard		3.634																		
STD OXK79	Standard		3.784																		
STD OXK79	Standard		3.382																		
STD R4T	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 R4T Expected																					
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD CDN-ME-3 Expected																					
STD AGPROOF 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			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	3.0	1.7	<0.1	<1	<0.1	0.4	<0.1	<2	<0.01
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																				
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Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000363.2

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD R4T	Standard																				
STD SU-1B	Standard																				
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 R4T Expected																					
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD CDN-ME-3 Expected																				276	9.77
STD AGPROOF Expected																				94	0
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																				
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																			<50	<0.9

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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: Charlotte Project
Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000363.2

		7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01	7TD Ag gm/t 2
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD OXK79	Standard				
STD R4T	Standard	0.509	1.55	3.43	89
STD SU-1B	Standard	1.201	<0.02	0.03	7
STD OXH82 Expected					
STD OXK79 Expected					
STD DS8 Expected					
STD R4T Expected		0.502	1.518	3.376	86
STD OREAS131B Expected		0.0216	1.86	3.14	33.3
STD SU-1B Expected		1.185	0.0058	0.0235	6.4
STD CDN-ME-3 Expected					
STD AGPROOF Expected					
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	<0.001	<0.02	<0.01	<2
BLK	Blank				

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Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000363.2

		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																				
Prep Wash																					
G1	Prep Blank		<0.005	<0.1	1.7	1.8	46	<0.1	3.6	4.2	541	1.93	<0.5	1.2	4.8	56	<0.1	<0.1	<0.1	35	0.45
G1	Prep Blank		<0.005	<0.1	1.6	1.6	44	<0.1	3.6	4.1	540	1.88	<0.5	<0.5	4.6	55	<0.1	<0.1	<0.1	34	0.42

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000363.2

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
BLK	Blank																			<50	<0.9
Prep Wash																					
G1	Prep Blank	0.072	8	11	0.56	215	0.111	3	1.03	0.095	0.49	<0.1	<0.01	1.6	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.067	8	11	0.56	208	0.104	2	1.00	0.087	0.48	<0.1	<0.01	1.6	0.3	<0.05	5	<0.5	<0.2		

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000363.2

		7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01	7TD Ag gm/t 2
BLK	Blank				
Prep Wash					
G1	Prep Blank				
G1	Prep Blank				

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

Submitted By: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: July 25, 2011
Report Date: September 30, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11000363R.2

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-05
P.O. Number
Number of Samples: 2

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
G6Gr	2	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Version 2: G613 Ag included.

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

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

Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000363R.2

		Method	G6Gr	G6Gr
		Analyte	Ag	Au
		Unit	gm/t	gm/t
		MDL	50	0.9
1064944	Drill Core		371	2.4
1064948	Drill Core		2642	113.5

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

Project: Charlotte Project
Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000363R.2

		Method	G6Gr	G6Gr
		Analyte	Ag	Au
		Unit	gm/t	gm/t
		MDL	50	0.9
Reference Materials				
STD AGPROOF	Standard		95	<0.9
STD CDN-ME-3	Standard		265	9.3
STD CDN-ME-3 Expected			276	9.77
STD AGPROOF Expected			94	0
BLK	Blank		<50	<0.9
BLK	Blank		<50	<0.9

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

Submitted By: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: June 30, 2011
Report Date: August 16, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI11000366.2

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-07
P.O. Number
Number of Samples: 52

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	48	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	51	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	51	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
7TD	1	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN
G6	1	Lead collection fire assay fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : G6-Ag grav included.

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

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

Project: Charlotte Project
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS WHI11000366.2

	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
1065061	Drill Core	4.74	0.264	1.8	100.9	1390	362	24.3	0.7	0.8	182	1.48	1384	265.8	9.2	13	28.7	88.0	0.4	<2	0.03
1065062	Drill Core	4.95	0.026	1.6	48.1	376.4	170	3.0	1.1	0.8	315	0.77	612.5	33.2	13.3	12	18.4	30.8	<0.1	<2	0.04
1065063	Drill Core	3.92	0.024	1.7	33.8	244.5	148	2.3	0.6	0.2	128	0.70	435.0	31.7	12.5	12	10.9	16.0	<0.1	<2	0.04
1065064	Drill Core	5.53	0.018	1.5	36.5	246.6	140	3.4	0.5	0.4	151	0.70	417.3	23.0	12.6	10	10.2	15.6	0.2	<2	0.03
1065065	Drill Core	3.57	0.084	1.6	75.9	353.7	244	4.8	0.6	0.6	104	1.15	743.1	83.8	11.3	7	16.6	33.2	0.2	<2	0.03
1065066	Drill Core	4.19	0.030	1.2	35.3	159.4	97	1.7	0.4	0.2	48	0.52	358.4	29.7	11.7	9	10.5	11.4	<0.1	<2	0.04
1065067	Drill Core	3.54	0.026	1.5	47.5	135.9	143	3.6	0.5	0.4	75	0.79	461.1	70.9	13.9	6	13.5	14.5	0.2	<2	0.04
1065068	Drill Core	4.48	0.022	1.6	52.3	155.4	182	9.2	0.5	0.4	78	1.13	483.7	22.0	12.0	12	13.3	9.8	0.3	<2	0.04
1065069	Drill Core	4.33	0.014	1.1	58.1	139.1	147	2.5	0.4	0.7	74	0.78	429.1	15.9	12.3	8	12.2	12.2	0.3	<2	0.04
1065070	Drill Core	2.76	0.017	1.5	60.8	158.0	145	2.6	0.6	0.3	36	0.80	514.5	21.1	11.4	8	15.1	15.2	0.3	<2	0.03
1065071	Drill Core	2.76	0.064	5.5	100.6	518.2	245	3.5	0.9	0.3	44	1.89	1402	68.0	6.6	26	41.5	41.8	0.8	4	0.05
1065072	Drill Core	2.81	0.496	1.8	32.5	1257	108	8.8	0.8	0.3	60	1.34	961.7	287.6	1.8	80	6.3	30.5	0.9	5	0.05
1065073	Rock Pulp	0.14	0.235	271.2	1681	24.7	105	13.2	4.0	5.6	361	1.39	14.1	213.5	1.0	217	0.6	23.0	1.1	15	1.17
1065074	Drill Core	4.50	0.040	1.7	22.3	85.5	280	0.4	2.4	0.9	80	1.08	268.3	44.0	1.9	67	2.4	4.9	0.5	11	0.12
1065075	Drill Core	4.41	0.012	2.4	70.9	15.6	860	0.1	13.3	4.6	96	1.79	52.0	12.8	4.3	7	1.9	2.2	0.2	21	0.16
1065076	Drill Core	4.21	0.444	2.5	33.8	236.9	142	1.7	1.8	0.4	36	0.96	608.6	470.7	1.9	65	6.4	11.5	0.5	4	0.08
1065077	Drill Core	2.97	0.130	3.6	16.3	77.8	36	1.0	0.5	0.1	20	0.86	153.5	116.4	2.1	41	0.4	5.9	2.1	5	0.05
1065078	Drill Core	4.91	0.386	7.9	104.7	243.4	59	2.1	2.3	1.1	24	1.38	524.8	378.0	2.1	66	1.4	12.3	1.9	7	0.05
1065079	Drill Core	4.71	0.151	6.2	101.4	126.4	16	4.9	0.4	0.6	21	1.12	234.1	168.6	1.3	51	0.5	6.6	13.8	3	0.04
1065080	Drill Core	3.65	0.413	1.5	91.7	475.4	58	5.3	0.4	0.4	30	1.69	588.1	326.6	4.5	195	1.5	13.2	1.2	3	0.07
1065081	Drill Core	4.70	0.111	2.5	60.7	150.3	68	2.3	0.6	0.8	29	1.36	386.1	113.0	2.2	103	3.1	16.6	1.3	2	0.07
1065082	Drill Core	4.16	0.385	6.3	118.1	650.9	185	6.8	1.6	3.3	40	2.91	875.3	378.1	2.5	112	4.4	45.6	2.7	2	0.07
1065083	Drill Core	1.77	0.408	2.9	142.0	711.1	167	5.9	1.2	3.1	37	3.00	887.4	415.9	2.5	113	3.3	38.5	2.7	2	0.06
1065084	Drill Core	3.78	1.038	2.0	46.4	252.2	126	1.0	0.8	1.6	28	2.48	479.8	1122	5.0	189	2.3	27.1	3.7	6	0.11
1065085	Drill Core	2.96	2.863	3.4	762.1	4269	4719	>100	3.5	6.5	499	3.45	4271	1958	3.8	50	127.6	283.4	0.5	5	0.46
1065086	Drill Core	2.78	0.045	1.4	25.6	126.0	3083	0.4	12.1	10.3	1135	3.26	294.8	49.6	3.8	22	38.4	15.3	0.4	43	0.53
1065087	Drill Core	6.13	0.188	0.5	12.5	18.8	266	0.3	5.3	5.2	316	1.66	41.5	55.2	2.0	35	3.6	3.5	0.7	36	0.63
1065088	Drill Core	5.56	0.023	1.8	26.6	4.4	62	0.1	24.2	10.1	344	2.43	10.7	32.0	4.1	32	0.1	0.6	0.4	91	0.73
1065089	Drill Core	5.93	0.009	0.5	18.6	3.3	58	<0.1	27.5	8.6	333	2.33	10.4	8.5	4.0	28	0.2	0.6	0.3	86	0.68
1065090	Drill Core	5.92	0.006	0.6	8.0	4.4	24	<0.1	6.9	3.2	150	1.07	9.9	4.3	1.7	31	<0.1	0.6	0.2	26	0.36

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www.acmelab.com

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

Project: Charlotte Project
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS WHI11000366.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Ag
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	gm/t
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	50
1065061	Drill Core	0.010	6	<1	0.01	649	<0.001	3	0.27	0.001	0.17	<0.1	0.17	0.3	0.4	0.16	<1	<0.5	<0.2		N.A.
1065062	Drill Core	0.010	16	1	0.02	112	<0.001	4	0.43	0.002	0.27	<0.1	0.05	0.4	0.5	<0.05	<1	<0.5	<0.2		N.A.
1065063	Drill Core	0.008	16	<1	0.02	114	<0.001	3	0.33	0.002	0.22	<0.1	0.03	0.3	0.3	<0.05	<1	<0.5	<0.2		N.A.
1065064	Drill Core	0.008	15	<1	0.02	152	<0.001	3	0.34	0.002	0.22	<0.1	0.03	0.3	0.4	<0.05	<1	<0.5	<0.2		N.A.
1065065	Drill Core	0.010	11	<1	0.01	220	<0.001	2	0.29	0.001	0.17	0.2	0.09	0.3	0.2	<0.05	<1	<0.5	<0.2		N.A.
1065066	Drill Core	0.006	14	<1	0.02	64	<0.001	3	0.34	0.002	0.24	<0.1	0.03	0.3	0.2	<0.05	<1	<0.5	<0.2		N.A.
1065067	Drill Core	0.007	13	<1	0.02	88	<0.001	4	0.37	0.002	0.23	<0.1	0.04	0.3	0.2	<0.05	<1	<0.5	<0.2		N.A.
1065068	Drill Core	0.010	13	1	0.02	810	<0.001	2	0.37	0.002	0.25	<0.1	0.04	0.7	0.3	<0.05	<1	<0.5	<0.2		N.A.
1065069	Drill Core	0.007	10	<1	0.02	75	<0.001	4	0.33	0.001	0.19	<0.1	0.05	0.3	0.2	<0.05	<1	<0.5	<0.2		N.A.
1065070	Drill Core	0.007	6	<1	0.01	130	<0.001	3	0.31	0.001	0.16	<0.1	0.04	0.3	0.2	<0.05	<1	<0.5	<0.2		N.A.
1065071	Drill Core	0.011	6	2	0.03	73	<0.001	3	0.41	0.002	0.27	<0.1	0.06	1.0	0.5	0.09	1	<0.5	<0.2		N.A.
1065072	Drill Core	0.008	5	3	0.02	82	<0.001	4	0.27	0.002	0.28	<0.1	0.10	0.7	0.7	0.24	1	0.5	<0.2		N.A.
1065073	Rock Pulp	0.036	6	8	0.15	228	0.008	1	0.41	0.047	0.17	0.5	0.66	0.9	<0.1	0.34	2	0.7	1.4	0.181	N.A.
1065074	Drill Core	0.010	5	4	0.18	156	<0.001	2	0.96	0.004	0.25	<0.1	0.02	2.0	0.5	0.20	2	0.8	<0.2		N.A.
1065075	Drill Core	0.023	9	11	0.33	128	0.005	1	1.62	0.003	0.18	<0.1	0.03	2.5	0.3	0.15	4	0.6	<0.2		N.A.
1065076	Drill Core	0.021	6	14	0.04	403	<0.001	3	0.49	0.002	0.28	<0.1	0.02	1.5	0.6	0.13	1	<0.5	<0.2		N.A.
1065077	Drill Core	0.012	7	3	0.03	84	<0.001	1	0.33	0.003	0.21	<0.1	0.12	0.8	0.3	0.20	1	<0.5	0.2		N.A.
1065078	Drill Core	0.016	6	3	0.03	79	<0.001	3	0.36	0.004	0.29	<0.1	0.06	1.1	0.5	0.63	2	0.7	<0.2		N.A.
1065079	Drill Core	0.012	3	<1	0.02	167	<0.001	4	0.35	0.003	0.37	<0.1	0.03	0.5	0.5	0.46	1	0.6	2.2		N.A.
1065080	Drill Core	0.032	11	2	0.03	187	<0.001	3	0.34	0.006	0.48	0.1	0.08	0.7	0.5	0.57	1	0.8	0.4		N.A.
1065081	Drill Core	0.018	6	1	0.03	193	<0.001	2	0.32	0.004	0.36	0.1	0.06	0.5	0.6	0.51	1	0.5	0.3		N.A.
1065082	Drill Core	0.023	6	1	0.03	67	<0.001	2	0.29	0.008	0.43	0.2	0.10	0.7	0.8	1.73	<1	0.6	0.6		N.A.
1065083	Drill Core	0.023	6	1	0.03	70	<0.001	3	0.27	0.011	0.46	0.2	0.10	0.7	0.8	1.82	<1	0.6	0.5		N.A.
1065084	Drill Core	0.027	13	1	0.05	160	<0.001	3	0.51	0.013	0.55	0.1	0.08	0.7	0.8	0.97	2	0.8	0.6		N.A.
1065085	Drill Core	0.070	7	1	0.15	22	<0.001	4	0.46	0.002	0.27	<0.1	0.21	2.0	1.3	3.20	1	1.2	<0.2		149
1065086	Drill Core	0.096	16	20	0.90	52	0.011	2	2.46	<0.001	0.32	<0.1	0.05	5.2	0.3	0.40	7	0.8	<0.2		N.A.
1065087	Drill Core	0.058	7	12	0.65	54	0.067	1	0.92	0.069	0.30	0.3	<0.01	2.5	0.2	0.30	5	<0.5	0.4		N.A.
1065088	Drill Core	0.045	11	42	1.03	78	0.155	1	1.22	0.080	0.71	<0.1	<0.01	5.0	0.3	0.50	6	1.0	<0.2		N.A.
1065089	Drill Core	0.041	12	54	1.08	71	0.166	<1	1.25	0.090	0.75	<0.1	<0.01	4.8	0.3	0.32	6	0.8	<0.2		N.A.
1065090	Drill Core	0.024	5	14	0.40	46	0.063	1	0.64	0.093	0.24	<0.1	<0.01	1.9	<0.1	0.18	4	<0.5	<0.2		N.A.

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Project: Charlotte Project
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS WHI11000366.2

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
1065091	Drill Core	6.01	<0.005	0.1	11.4	4.2	18	<0.1	3.5	1.8	113	0.80	9.9	2.7	0.9	31	<0.1	0.8	<0.1	17	0.31
1065092	Drill Core	5.15	<0.005	1.2	8.7	4.0	46	<0.1	3.8	4.3	263	1.31	11.5	7.5	2.2	35	0.2	2.0	<0.1	28	0.81
1065093	Rock Pulp	0.10	0.017	549.9	104.6	7.8	72	0.2	14.2	5.3	542	2.06	6.2	9.3	4.5	116	0.4	0.3	0.5	23	1.07
1065094	Drill Core	6.53	<0.005	1.1	7.1	3.4	59	<0.1	4.7	5.5	369	1.82	2.8	1.9	3.5	45	0.2	1.2	<0.1	45	1.14
1065095	Drill Core	5.76	<0.005	0.1	5.0	2.9	64	<0.1	4.8	6.1	463	1.93	3.4	2.3	3.9	46	0.2	0.9	0.1	52	1.41
1065096	Drill Core	5.32	<0.005	0.2	6.4	4.9	42	<0.1	2.8	2.9	175	0.99	2.5	0.8	1.5	38	0.2	1.3	<0.1	19	0.67
1065097	Drill Core	4.67	<0.005	0.2	12.0	4.1	40	<0.1	3.9	6.1	258	1.21	2.8	1.3	1.4	44	<0.1	1.0	<0.1	25	1.06
1065098	Drill Core	6.62	<0.005	0.7	18.0	3.9	41	<0.1	10.3	12.0	250	1.38	3.2	2.5	1.4	52	0.1	1.2	0.2	33	1.00
1065099	Drill Core	5.60	<0.005	1.3	4.1	4.2	40	<0.1	4.2	6.2	309	1.29	2.7	1.5	2.0	54	<0.1	1.6	0.2	28	1.31
1065100	Drill Core	4.54	<0.005	0.1	2.3	4.5	122	<0.1	4.7	5.7	604	1.42	40.2	2.1	7.5	8	0.2	2.4	<0.1	15	0.13
1065101	Drill Core	5.72	<0.005	0.2	2.0	2.5	75	<0.1	2.4	2.8	348	1.09	28.3	3.7	6.0	9	0.2	2.9	<0.1	12	0.12
1065102	Drill Core	4.81	<0.005	0.1	3.6	1.8	70	<0.1	2.6	7.9	469	2.62	9.3	1.2	5.1	35	<0.1	0.9	0.2	59	0.35
1065103	Drill Core	5.75	<0.005	0.1	2.0	2.3	34	<0.1	1.2	1.9	205	0.92	6.9	<0.5	6.8	2	<0.1	0.3	<0.1	6	0.03
1065104	Drill Core	3.88	<0.005	0.5	0.4	6.0	39	<0.1	1.1	2.4	295	1.14	8.9	<0.5	6.7	3	0.1	0.4	<0.1	6	0.06
1065105	Rock Pulp	0.15	0.389	6.5	45.5	136.5	312	1.2	61.2	16.2	1029	3.52	889.1	289.1	7.5	82	2.2	410.4	0.5	46	0.82
1065106	Drill Core	6.03	<0.005	0.3	2.4	2.0	50	<0.1	1.4	2.2	195	1.03	14.8	<0.5	7.0	3	0.1	0.9	<0.1	6	0.04
1065107	Drill Core	4.97	<0.005	2.6	3.5	1.8	61	<0.1	1.7	2.9	357	0.96	14.6	1.1	7.2	3	0.2	1.0	<0.1	5	0.04
1065108	Drill Core	6.04	<0.005	6.1	8.0	5.4	85	<0.1	3.0	4.9	351	1.34	27.5	6.8	7.9	6	0.4	1.5	0.2	16	0.09
1065109	Drill Core	5.01	<0.005	15.7	7.3	6.3	64	<0.1	1.3	0.7	51	0.89	34.8	6.2	7.1	5	<0.1	1.7	0.2	4	0.03
1065110	Drill Core	4.60	<0.005	3.3	7.0	9.1	90	0.3	2.9	2.5	159	1.30	25.2	6.9	7.4	7	0.1	1.5	0.4	3	0.03
1065111	Drill Core	5.80	0.006	0.5	17.1	4.3	144	<0.1	4.9	3.8	138	2.47	142.7	4.6	6.3	34	0.9	5.2	0.6	24	0.07
1065112	Drill Core	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.

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Project: Charlotte Project
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS WHI11000366.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Ag
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	gm/t
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	50
1065091	Drill Core	0.019	3	15	0.28	32	0.037	<1	0.46	0.073	0.14	<0.1	<0.01	1.1	<0.1	0.11	3	<0.5	<0.2		N.A.
1065092	Drill Core	0.061	8	13	0.53	36	0.066	2	0.80	0.073	0.17	<0.1	<0.01	2.3	<0.1	0.12	4	<0.5	<0.2		N.A.
1065093	Rock Pulp	0.064	16	17	0.41	109	0.017	1	0.67	0.037	0.26	0.6	<0.01	2.6	0.2	0.24	3	<0.5	<0.2		N.A.
1065094	Drill Core	0.106	12	17	0.78	35	0.094	<1	1.02	0.077	0.17	<0.1	0.02	3.2	<0.1	0.09	5	<0.5	<0.2		N.A.
1065095	Drill Core	0.123	14	13	0.83	42	0.116	<1	1.08	0.162	0.16	<0.1	0.02	4.3	<0.1	0.07	5	<0.5	<0.2		N.A.
1065096	Drill Core	0.028	5	12	0.33	31	0.023	<1	0.64	0.068	0.07	<0.1	0.07	1.4	<0.1	0.08	3	<0.5	<0.2		N.A.
1065097	Drill Core	0.053	5	14	0.46	23	0.048	<1	0.74	0.070	0.06	<0.1	0.04	2.4	<0.1	0.13	4	<0.5	<0.2		N.A.
1065098	Drill Core	0.058	4	44	0.60	36	0.087	<1	0.83	0.077	0.06	<0.1	0.05	2.5	<0.1	0.27	4	<0.5	<0.2		N.A.
1065099	Drill Core	0.042	6	19	0.48	36	0.065	<1	0.77	0.092	0.07	<0.1	0.05	2.1	<0.1	0.22	4	<0.5	<0.2		N.A.
1065100	Drill Core	0.018	13	6	0.81	95	0.042	<1	1.31	0.019	0.58	<0.1	<0.01	1.6	0.2	<0.05	4	<0.5	<0.2		N.A.
1065101	Drill Core	0.018	10	6	0.77	108	0.030	<1	0.97	0.037	0.37	<0.1	<0.01	1.1	0.1	0.07	4	<0.5	<0.2		N.A.
1065102	Drill Core	0.062	8	4	1.05	686	0.152	<1	1.64	0.074	0.88	<0.1	<0.01	4.1	0.2	0.17	7	<0.5	<0.2		N.A.
1065103	Drill Core	0.004	12	5	0.39	36	0.027	<1	0.63	0.069	0.27	<0.1	<0.01	0.8	0.1	<0.05	3	<0.5	<0.2		N.A.
1065104	Drill Core	0.008	8	2	0.84	59	0.046	<1	1.02	0.039	0.61	<0.1	<0.01	0.7	0.2	<0.05	4	<0.5	<0.2		N.A.
1065105	Rock Pulp	0.070	22	30	0.33	824	0.006	5	0.66	0.004	0.17	0.7	3.08	6.2	0.8	0.21	2	2.4	<0.2		N.A.
1065106	Drill Core	0.005	12	6	0.45	41	0.027	<1	0.74	0.066	0.31	<0.1	<0.01	0.8	<0.1	<0.05	3	<0.5	<0.2		N.A.
1065107	Drill Core	0.006	14	2	0.38	41	0.012	<1	0.64	0.044	0.22	<0.1	<0.01	0.7	<0.1	<0.05	3	<0.5	<0.2		N.A.
1065108	Drill Core	0.023	12	7	0.48	125	0.043	<1	0.76	0.056	0.39	<0.1	0.01	1.6	0.2	<0.05	3	<0.5	<0.2		N.A.
1065109	Drill Core	0.007	10	1	0.05	45	<0.001	<1	0.26	0.035	0.12	<0.1	0.01	0.7	<0.1	<0.05	1	<0.5	<0.2		N.A.
1065110	Drill Core	0.010	11	4	0.07	43	0.002	<1	0.38	0.025	0.17	0.3	<0.01	0.6	0.1	<0.05	1	0.7	<0.2		N.A.
1065111	Drill Core	0.030	12	3	0.31	130	0.018	1	0.70	0.055	0.32	<0.1	<0.01	2.8	0.2	0.23	3	0.5	0.2		N.A.
1065112	Drill Core	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.		L.N.R.

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Project: Charlotte Project
Report Date: August 16, 2011

QUALITY CONTROL REPORT WHI11000366.2

	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																					
REP G1	QC			0.1	2.1	8.3	50	0.1	3.6	4.2	552	1.89	5.4	4.0	4.5	55	0.1	1.1	<0.1	35	0.43
1065073	Rock Pulp	0.14	0.235	271.2	1681	24.7	105	13.2	4.0	5.6	361	1.39	14.1	213.5	1.0	217	0.6	23.0	1.1	15	1.17
REP 1065073	QC																				
1065077	Drill Core	2.97	0.130	3.6	16.3	77.8	36	1.0	0.5	0.1	20	0.86	153.5	116.4	2.1	41	0.4	5.9	2.1	5	0.05
REP 1065077	QC		0.123																		
1065105	Rock Pulp	0.15	0.389	6.5	45.5	136.5	312	1.2	61.2	16.2	1029	3.52	889.1	289.1	7.5	82	2.2	410.4	0.5	46	0.82
REP 1065105	QC		0.384																		
Core Reject Duplicates																					
1065069	Drill Core	4.33	0.014	1.1	58.1	139.1	147	2.5	0.4	0.7	74	0.78	429.1	15.9	12.3	8	12.2	12.2	0.3	<2	0.04
DUP 1065069	QC		0.010	1.2	59.0	139.1	147	2.6	0.6	0.8	81	0.81	434.5	14.1	12.7	8	12.1	11.6	0.3	<2	0.04
1065104	Drill Core	3.88	<0.005	0.5	0.4	6.0	39	<0.1	1.1	2.4	295	1.14	8.9	<0.5	6.7	3	0.1	0.4	<0.1	6	0.06
DUP 1065104	QC		<0.005	0.7	0.4	5.4	41	<0.1	1.1	2.4	303	1.12	9.7	0.5	6.4	3	<0.1	0.4	<0.1	6	0.06
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			12.0	105.7	120.0	306	1.8	38.2	7.5	574	2.35	25.8	123.6	6.2	57	2.0	4.7	5.8	40	0.68
STD DS8	Standard			13.5	110.6	124.0	312	1.8	38.4	7.5	617	2.48	28.3	116.6	6.4	60	2.1	5.0	5.9	41	0.71
STD DS8	Standard			13.5	103.0	117.1	307	1.8	39.1	7.6	611	2.39	26.7	105.6	6.0	60	2.0	4.6	5.6	42	0.71
STD DS8	Standard			12.8	105.9	121.0	308	1.8	39.7	7.6	609	2.44	29.1	109.2	6.3	62	2.1	4.7	5.9	43	0.72
STD DS8	Standard			13.9	109.4	126.1	298	1.8	37.7	7.5	590	2.26	23.9	109.8	6.2	55	2.0	4.5	5.5	37	0.68
STD DS8	Standard			12.8	109.7	124.0	299	1.9	37.0	7.4	583	2.24	26.1	118.1	5.9	54	2.0	4.2	5.5	37	0.68
STD DS8	Standard			13.9	111.0	129.9	296	1.7	39.3	7.7	607	2.42	25.9	102.8	7.2	61	2.1	5.2	5.9	41	0.69
STD DS8	Standard			14.0	110.4	127.0	303	1.6	37.2	7.8	593	2.42	26.2	103.7	7.3	64	2.1	5.3	5.8	41	0.69
STD OREAS131B	Standard																				
STD OXH82	Standard		1.314																		
STD OXH82	Standard		1.406																		
STD OXK79	Standard		3.590																		
STD OXK79	Standard		3.784																		

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

Project: Charlotte Project
Report Date: August 16, 2011

QUALITY CONTROL REPORT WHI11000366.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Ag
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	gm/t
	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	50
Pulp Duplicates																					
REP G1	QC	0.070	8	7	0.55	193	0.119	<1	0.91	0.073	0.45	<0.1	<0.01	1.7	0.3	<0.05	5	<0.5	<0.2		
1065073	Rock Pulp	0.036	6	8	0.15	228	0.008	1	0.41	0.047	0.17	0.5	0.66	0.9	<0.1	0.34	2	0.7	1.4	0.181	N.A.
REP 1065073	QC																			0.178	
1065077	Drill Core	0.012	7	3	0.03	84	<0.001	1	0.33	0.003	0.21	<0.1	0.12	0.8	0.3	0.20	1	<0.5	0.2		N.A.
REP 1065077	QC																				
1065105	Rock Pulp	0.070	22	30	0.33	824	0.006	5	0.66	0.004	0.17	0.7	3.08	6.2	0.8	0.21	2	2.4	<0.2		N.A.
REP 1065105	QC																				
Core Reject Duplicates																					
1065069	Drill Core	0.007	10	<1	0.02	75	<0.001	4	0.33	0.001	0.19	<0.1	0.05	0.3	0.2	<0.05	<1	<0.5	<0.2		N.A.
DUP 1065069	QC	0.006	11	<1	0.02	83	<0.001	2	0.36	0.002	0.22	<0.1	0.05	0.4	0.3	<0.05	<1	<0.5	<0.2		N.A.
1065104	Drill Core	0.008	8	2	0.84	59	0.046	<1	1.02	0.039	0.61	<0.1	<0.01	0.7	0.2	<0.05	4	<0.5	<0.2		N.A.
DUP 1065104	QC	0.008	8	2	0.83	54	0.046	<1	1.00	0.039	0.61	<0.1	<0.01	0.8	0.2	<0.05	4	<0.5	<0.2		N.A.
Reference Materials																					
STD AGPROOF	Standard																				96
STD CDN-ME-3	Standard																				268
STD DS8	Standard	0.072	13	113	0.58	243	0.112	3	0.86	0.082	0.38	2.6	0.21	1.9	5.2	0.16	4	5.2	4.8		
STD DS8	Standard	0.076	14	123	0.61	251	0.120	3	0.91	0.085	0.41	3.0	0.22	2.0	5.3	0.16	5	5.6	5.1		
STD DS8	Standard	0.071	14	122	0.59	248	0.119	3	0.92	0.094	0.39	2.9	0.19	2.0	5.2	0.16	4	4.9	4.8		
STD DS8	Standard	0.076	14	120	0.60	251	0.117	2	0.92	0.095	0.41	3.1	0.20	2.0	5.4	0.16	5	5.8	5.1		
STD DS8	Standard	0.078	14	117	0.57	259	0.123	3	0.88	0.083	0.40	2.7	0.20	2.0	5.2	0.14	4	4.5	4.9		
STD DS8	Standard	0.077	14	116	0.57	257	0.120	2	0.88	0.080	0.39	2.6	0.17	2.0	5.0	0.14	4	4.0	4.6		
STD DS8	Standard	0.074	13	121	0.59	260	0.121	3	0.90	0.092	0.40	2.8	0.20	1.6	5.0	0.15	4	3.9	5.3		
STD DS8	Standard	0.082	13	121	0.59	272	0.124	2	0.92	0.090	0.40	2.7	0.19	1.8	4.9	0.16	4	6.6	5.1		
STD OREAS131B	Standard																			0.021	
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 16, 2011

QUALITY CONTROL REPORT WHI11000366.2

		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 R4T	Standard																				
STD SU-1B	Standard																				
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD R4T Expected																					
STD OREAS131B Expected																					
STD SU-1B Expected																					
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 CDN-ME-3 Expected																					
STD AGPROOF Expected																					
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																				
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																		
G1	Prep Blank		<0.005	<0.1	1.5	3.3	46	<0.1	3.6	4.4	544	1.90	2.7	<0.5	4.7	50	<0.1	0.1	<0.1	35	0.41
G1	Prep Blank			0.1	2.0	7.8	48	0.1	3.5	4.0	543	1.85	5.2	4.4	4.6	51	0.2	1.1	<0.1	34	0.41

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 16, 2011

QUALITY CONTROL REPORT WHI11000366.2

		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	G6Gr Ag gm/t 50
STD R4T	Standard																			0.509	
STD SU-1B	Standard																			1.201	
STD OXH82 Expected																					
STD OXK79 Expected																					
STD R4T Expected																				0.502	
STD OREAS131B Expected																				0.0216	
STD SU-1B Expected																				1.185	
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 CDN-ME-3 Expected																					276
STD AGPROOF Expected																					94
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	
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																				<50
Prep Wash																					
G1	Prep Blank																				N.A.
G1	Prep Blank	0.073	9	7	0.56	196	0.112	<1	0.90	0.073	0.45	<0.1	<0.01	1.7	0.3	<0.05	5	<0.5	<0.2		N.A.
G1	Prep Blank	0.069	8	7	0.53	189	0.114	1	0.88	0.070	0.43	<0.1	<0.01	1.7	0.3	<0.05	5	<0.5	<0.2		

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

Submitted By: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: June 30, 2011
Report Date: August 14, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI11000371.2

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-06
P.O. Number
Number of Samples: 61

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	58	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	61	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	61	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	1	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN
7TD1	3	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : 7TD-Pb included.

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
Chris Basil

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: Charlotte Project
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CERTIFICATE OF ANALYSIS WHI11000371.2

	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
1065000	Drill Core	3.97	0.055	1.0	5.7	45.0	204	2.1	15.1	3.7	64	2.11	555.3	69.5	2.9	25	0.4	20.9	1.1	14	0.08
1065001	Drill Core	2.57	0.019	0.5	4.8	60.7	87	1.5	5.9	0.9	35	1.11	256.5	25.4	2.2	22	0.3	9.7	0.4	7	0.05
1065002	Drill Core	3.53	0.024	0.2	1.6	72.2	63	0.7	2.4	0.3	35	0.81	118.4	27.4	3.0	20	0.2	6.8	0.1	3	0.06
1065003	Rock	1.03	<0.005	0.4	1.2	1.1	12	<0.1	2.5	0.6	191	0.39	3.0	2.1	<0.1	35	<0.1	<0.1	<0.1	<2	19.36
1065004	Drill Core	1.99	0.130	0.4	4.2	37.7	141	1.0	6.5	1.4	313	1.38	251.2	164.4	4.1	25	1.1	14.2	0.1	4	0.07
1065005	Drill Core	4.97	0.039	0.6	23.2	53.7	727	1.9	43.2	41.9	7314	7.22	712.6	50.0	2.0	24	8.9	14.0	0.2	66	0.39
1065006	Drill Core	5.18	0.050	2.0	69.5	45.7	1031	1.6	53.5	50.9	3846	10.11	325.2	59.6	2.1	16	4.2	12.0	0.4	156	0.22
1065007	Drill Core	4.58	0.053	1.1	73.3	75.4	510	2.4	16.3	34.4	4227	9.65	445.9	62.7	1.9	13	6.6	10.4	0.6	121	0.09
1065008	Drill Core	4.70	0.008	0.5	25.9	46.5	630	0.4	16.2	36.4	2638	7.51	54.7	6.7	3.6	22	5.5	8.0	0.2	86	0.36
1065009	Drill Core	4.86	0.029	0.4	46.5	18.6	251	0.3	9.7	35.2	1767	5.73	43.0	32.2	3.1	13	1.8	15.0	0.5	117	0.42
1065010	Drill Core	5.86	0.017	0.2	24.2	16.2	116	0.2	4.8	38.7	2552	9.23	54.1	16.2	1.7	79	0.2	12.1	0.3	165	4.33
1065011	Drill Core	5.22	0.027	<0.1	16.6	10.9	82	0.1	4.8	32.3	1289	8.33	23.8	25.4	1.8	77	0.2	7.7	0.3	120	2.12
1065012	Drill Core	5.63	<0.005	0.1	13.6	13.4	217	0.2	4.6	18.1	2553	4.00	35.1	3.5	2.1	51	1.3	4.4	0.1	59	2.47
1065013	Drill Core	5.76	<0.005	<0.1	18.5	8.6	118	0.3	6.9	25.6	2507	5.51	25.8	8.4	1.9	62	0.2	10.1	0.2	98	3.38
1065014	Drill Core	5.51	<0.005	<0.1	1.4	6.9	46	0.2	1.8	5.9	1512	1.93	40.8	7.0	1.6	50	0.2	2.2	<0.1	6	2.08
1065015	Rock Pulp	0.14	0.403	9.9	122.1	7.2	50	0.2	25.2	34.4	499	3.04	1247	351.7	3.0	79	0.2	2.2	4.6	77	1.26
1065016	Drill Core	4.93	0.015	0.1	15.4	110.2	219	1.0	4.3	14.9	2647	3.70	96.2	12.1	2.6	71	0.8	9.6	<0.1	24	2.74
1065017	Drill Core	5.91	0.006	<0.1	8.0	24.1	258	0.5	5.5	17.3	3564	3.97	83.0	4.8	1.8	81	0.5	7.3	<0.1	26	3.62
1065018	Drill Core	5.50	0.011	0.3	11.1	81.5	957	1.6	11.7	26.2	4854	4.99	132.8	11.8	2.0	108	8.5	11.1	0.1	44	4.51
1065019	Drill Core	3.50	0.006	0.6	334.2	15.2	1795	0.5	17.2	54.6	8351	9.06	171.0	6.2	2.3	43	0.9	76.8	0.2	86	1.66
1065020	Drill Core	2.49	0.006	3.9	57.2	16.6	4681	0.3	23.8	81.8	>10000	9.51	187.9	8.7	2.3	76	18.3	28.8	0.2	68	0.87
1065021	Drill Core	4.41	0.019	1.1	52.4	62.0	4098	0.3	11.0	21.4	767	10.51	545.2	19.9	3.3	27	9.7	30.4	0.2	120	0.14
1065022	Drill Core	3.74	0.025	0.2	3.8	527.4	120	1.7	0.6	1.7	102	1.92	439.7	26.8	2.8	27	1.8	18.2	0.2	10	0.08
1065023	Drill Core	5.37	1.469	0.4	14.7	304.2	385	4.8	2.4	1.2	179	3.99	1353	1349	4.7	16	4.3	107.9	0.1	16	0.07
1065024	Drill Core	2.09	0.013	0.3	9.7	79.7	59	0.2	1.0	1.1	180	1.84	166.3	13.1	3.9	48	1.4	10.5	0.1	33	0.06
1065025	Drill Core	1.16	0.027	0.4	7.5	79.0	54	0.3	0.9	0.8	114	1.84	163.7	24.2	4.4	56	1.2	9.0	0.2	31	0.07
1065026	Drill Core	4.07	0.006	0.4	46.3	51.6	1309	0.2	16.9	8.9	319	4.81	244.1	11.3	4.3	11	2.0	18.2	0.1	55	0.06
1065027	Drill Core	2.71	0.123	0.9	21.3	128.6	640	2.4	3.4	3.5	431	5.04	712.6	113.1	2.1	15	4.3	28.2	0.3	38	0.11
1065028	Drill Core	2.91	0.160	0.7	7.5	33.2	54	1.7	0.3	0.2	47	2.62	958.1	164.3	3.1	57	1.4	23.4	0.3	11	0.09
1065029	Drill Core	5.56	0.066	0.5	3.6	51.6	46	1.0	0.5	7.2	925	1.71	826.3	68.7	4.3	28	1.1	15.4	0.3	10	0.06

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Project: Charlotte Project
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS WHI11000371.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Pb
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
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	0.9	0.02
1065000	Drill Core	0.032	9	8	0.04	133	<0.001	4	0.33	0.003	0.27	0.2	0.03	4.5	0.7	0.18	<1	<0.5	0.5		N.A.
1065001	Drill Core	0.018	6	15	0.04	105	<0.001	3	0.31	0.003	0.26	<0.1	0.05	2.4	0.5	0.12	<1	<0.5	<0.2		N.A.
1065002	Drill Core	0.013	9	6	0.03	86	<0.001	3	0.25	0.003	0.21	0.1	0.04	0.9	0.4	0.11	<1	<0.5	<0.2		N.A.
1065003	Rock	0.012	<1	2	10.25	25	0.001	<1	0.04	0.002	0.03	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		N.A.
1065004	Drill Core	0.019	11	9	0.03	74	<0.001	4	0.26	0.002	0.21	0.1	0.03	1.8	0.8	0.11	<1	<0.5	<0.2		N.A.
1065005	Drill Core	0.075	5	9	0.09	43	0.001	3	0.47	0.003	0.23	0.3	0.06	13.3	2.5	0.36	1	0.6	<0.2		N.A.
1065006	Drill Core	0.116	9	20	0.10	45	0.002	3	1.22	<0.001	0.23	0.2	0.11	26.0	0.8	<0.05	3	0.7	<0.2		N.A.
1065007	Drill Core	0.122	8	11	0.08	526	0.005	4	0.92	<0.001	0.26	0.2	0.13	18.0	1.9	<0.05	2	0.7	<0.2		N.A.
1065008	Drill Core	0.105	15	6	0.64	73	0.005	<1	2.20	<0.001	0.19	0.1	0.04	9.4	0.3	<0.05	5	<0.5	<0.2		N.A.
1065009	Drill Core	0.134	14	4	0.33	234	0.035	<1	1.31	<0.001	0.34	0.2	0.23	11.9	0.3	0.07	3	<0.5	<0.2		N.A.
1065010	Drill Core	0.130	13	4	0.97	465	0.005	2	1.28	<0.001	0.17	0.2	0.15	15.1	0.3	0.32	3	<0.5	<0.2		N.A.
1065011	Drill Core	0.114	10	4	1.03	252	0.023	<1	2.99	0.007	0.31	<0.1	0.04	12.2	0.4	0.07	7	<0.5	<0.2		N.A.
1065012	Drill Core	0.069	8	4	0.59	94	0.001	2	0.99	0.001	0.21	0.1	0.09	6.5	0.3	0.08	2	<0.5	<0.2		N.A.
1065013	Drill Core	0.091	8	4	0.84	327	0.021	2	1.50	0.009	0.37	0.1	0.07	10.1	0.4	0.08	4	<0.5	<0.2		N.A.
1065014	Drill Core	0.026	3	2	0.57	375	<0.001	2	0.22	0.004	0.20	<0.1	<0.01	1.6	0.3	0.24	<1	<0.5	<0.2		N.A.
1065015	Rock Pulp	0.052	6	46	0.72	122	0.122	2	1.58	0.170	0.26	0.4	<0.01	2.1	<0.1	0.12	5	2.0	0.6		N.A.
1065016	Drill Core	0.097	6	2	0.64	79	<0.001	3	0.33	0.004	0.18	<0.1	0.04	5.1	0.7	0.16	<1	<0.5	<0.2		N.A.
1065017	Drill Core	0.058	5	4	1.02	129	<0.001	3	0.42	0.003	0.23	<0.1	0.03	5.7	0.7	0.14	<1	<0.5	<0.2		N.A.
1065018	Drill Core	0.078	5	7	1.19	244	<0.001	3	0.35	0.004	0.25	0.6	0.10	8.5	1.6	0.39	1	<0.5	<0.2		N.A.
1065019	Drill Core	0.095	13	9	0.35	59	0.001	3	0.84	0.002	0.28	1.1	0.23	15.7	1.7	0.10	2	1.4	<0.2		N.A.
1065020	Drill Core	0.089	12	10	0.19	29	0.002	3	0.65	0.003	0.26	1.0	0.14	17.0	1.4	0.13	2	1.0	<0.2		N.A.
1065021	Drill Core	0.112	11	10	0.11	46	0.001	2	1.05	0.002	0.26	0.3	0.11	17.5	0.7	0.17	2	0.6	<0.2		N.A.
1065022	Drill Core	0.037	10	2	0.05	124	<0.001	5	0.25	0.012	0.47	0.1	0.06	3.0	1.5	0.60	<1	<0.5	<0.2		N.A.
1065023	Drill Core	0.047	7	7	0.04	96	<0.001	3	0.27	0.006	0.27	0.4	0.03	1.7	0.5	0.28	1	<0.5	<0.2		N.A.
1065024	Drill Core	0.042	14	15	0.04	118	<0.001	2	0.44	0.009	0.36	0.1	0.11	10.4	1.1	0.55	2	<0.5	<0.2		N.A.
1065025	Drill Core	0.044	16	17	0.05	117	<0.001	2	0.47	0.009	0.43	0.1	0.21	10.0	1.9	0.57	2	<0.5	<0.2		N.A.
1065026	Drill Core	0.079	14	14	0.04	41	<0.001	2	1.18	<0.001	0.19	0.1	0.11	10.4	1.0	0.14	1	<0.5	<0.2		N.A.
1065027	Drill Core	0.077	7	6	0.07	70	0.001	5	0.41	0.003	0.32	0.2	0.11	3.5	2.5	0.31	1	1.3	<0.2		N.A.
1065028	Drill Core	0.074	11	2	0.04	59	<0.001	5	0.32	0.007	0.41	0.2	0.08	9.5	2.2	0.50	1	<0.5	<0.2		N.A.
1065029	Drill Core	0.038	13	5	0.04	79	<0.001	4	0.38	0.004	0.51	0.2	0.10	4.1	2.7	0.52	2	<0.5	<0.2		N.A.

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Project: Charlotte Project
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS WHI11000371.2

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
1065030	Drill Core	4.30	0.039	0.5	16.8	45.9	165	4.2	1.4	0.8	64	3.47	942.1	27.5	2.9	18	1.1	32.6	0.3	44	0.06
1065031	Drill Core	5.25	0.010	1.8	16.0	10.7	62	6.4	0.5	0.3	30	1.65	747.3	11.2	7.6	5	1.0	15.6	0.2	6	<0.01
1065032	Drill Core	4.92	0.026	1.1	25.1	14.7	64	2.9	0.5	0.3	34	1.82	949.6	24.4	6.9	4	1.1	22.9	0.2	4	<0.01
1065033	Drill Core	4.23	0.068	1.0	22.8	19.3	55	3.4	1.3	0.4	54	1.70	881.7	43.2	6.7	3	0.7	21.9	<0.1	4	0.02
1065034	Rock Pulp	0.14	0.903	509.8	5276	22.0	24	4.6	10.1	6.8	251	1.55	29.2	1093	0.8	496	<0.1	5.2	1.6	11	0.99
1065035	Drill Core	3.12	0.194	1.2	15.0	132.2	82	5.2	0.8	0.3	38	2.47	1832	216.8	7.2	6	0.9	60.9	<0.1	6	0.01
1065036	Drill Core	4.98	3.032	0.8	89.2	3856	132	44.7	0.6	0.3	48	1.58	7303	3616	2.6	5	2.8	163.5	<0.1	3	<0.01
1065037	Drill Core	1.33	0.781	0.7	21.1	8137	163	39.5	0.8	0.2	45	6.14	2069	1448	2.2	8	2.0	137.0	0.3	18	0.02
1065038	Drill Core	2.79	1.165	1.0	202.4	>10000	2006	47.8	7.3	10.2	70	9.91	3703	1400	1.4	8	13.2	100.4	0.6	46	0.03
1065039	Rock	0.98	<0.005	0.1	1.6	17.1	12	0.2	1.5	1.4	162	0.54	25.9	4.1	<0.1	37	<0.1	0.6	<0.1	<2	19.63
1065040	Drill Core	1.78	0.365	0.4	31.9	861.9	144	2.5	3.0	6.2	27	4.08	2567	391.0	1.7	35	2.5	27.3	0.3	41	0.08
1065041	Drill Core	1.56	5.084	1.8	22.2	>10000	82	>100	3.4	5.0	32	3.57	2246	5982	3.0	40	3.4	300.5	1.0	44	0.02
1065042	Drill Core	0.86	4.054	1.8	60.5	8093	70	>100	4.8	8.2	35	4.14	2317	4515	2.2	24	3.0	268.3	0.9	38	0.03
1065043	Drill Core	2.66	0.239	0.4	9.1	1701	28	15.1	0.7	0.1	45	3.34	1101	261.5	1.7	18	0.7	61.4	0.2	18	0.02
1065044	Drill Core	2.93	0.731	0.7	42.6	6926	183	96.0	0.8	0.2	45	3.42	5107	706.6	2.5	37	5.0	304.3	0.2	29	0.04
1065045	Drill Core	2.88	2.393	1.8	45.7	>10000	106	>100	0.9	0.2	38	2.73	5813	2438	1.7	35	2.1	209.0	0.8	34	0.04
1065046	Drill Core	4.17	2.713	1.1	27.6	4206	68	45.4	0.6	0.1	28	2.28	3359	3310	1.8	32	4.2	144.1	0.3	15	0.04
1065047	Drill Core	3.51	>10	2.5	125.9	6476	586	77.1	1.6	0.4	65	4.51	5502	22809	3.7	34	43.8	262.4	0.4	22	0.05
1065048	Drill Core	6.01	0.039	1.4	22.9	884.3	95	6.0	0.6	0.3	34	0.75	552.7	93.8	8.4	8	4.0	17.3	<0.1	<2	0.02
1065049	Drill Core	5.80	0.178	1.6	38.8	673.8	137	9.9	0.8	0.7	65	0.83	749.0	321.7	8.4	5	7.8	26.1	<0.1	<2	0.02
1065050	Drill Core	5.77	0.062	2.2	40.6	473.5	160	8.8	1.0	0.7	64	0.85	810.7	95.6	12.1	7	9.0	43.4	0.2	<2	0.03
1065051	Drill Core	4.78	0.059	1.8	36.8	417.3	165	9.6	1.1	0.9	69	0.87	697.0	73.3	12.7	5	9.5	35.3	0.1	<2	0.03
1065052	Rock Pulp	0.14	0.400	9.5	137.7	6.4	51	0.2	28.0	37.4	495	3.12	1346	393.9	2.9	64	0.2	1.8	3.7	80	1.34
1065053	Drill Core	4.70	0.174	2.0	56.3	335.5	256	4.2	1.2	3.0	237	1.07	864.5	254.8	13.4	7	15.6	48.9	0.2	2	0.04
1065054	Drill Core	4.58	0.157	2.2	61.5	583.4	297	4.9	1.7	2.7	285	1.25	986.1	206.6	13.5	13	17.5	57.9	0.3	<2	0.05
1065055	Drill Core	4.40	0.076	2.1	55.7	400.6	279	5.0	1.1	2.7	217	1.20	931.2	104.3	15.2	9	16.0	45.5	0.2	<2	0.04
1065056	Drill Core	4.53	0.202	2.1	65.0	889.0	273	10.9	1.1	1.2	125	1.35	1453	249.2	11.5	16	23.8	57.3	<0.1	<2	0.04
1065057	Drill Core	1.50	9.635	1.3	560.2	8760	2345	>100	2.3	1.9	45	3.89	>10000	11419	1.7	26	130.7	510.5	<0.1	4	0.02
1065058	Drill Core	1.46	0.933	1.2	1452	1543	276	28.5	0.7	1.0	36	1.79	2345	915.8	15.6	35	29.2	44.4	0.2	4	0.07
1065059	Rock	1.30	0.034	<0.1	0.4	30.8	17	1.3	2.0	0.8	196	0.42	62.3	31.3	<0.1	35	0.3	2.4	<0.1	<2	20.16

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Pb
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
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	0.9	0.02
1065030	Drill Core	0.034	9	8	0.04	92	<0.001	3	0.50	0.005	0.41	0.6	0.15	3.4	1.3	0.54	2	0.6	<0.2		N.A.
1065031	Drill Core	0.018	10	4	0.01	20	<0.001	2	0.46	<0.001	0.18	0.2	0.05	2.1	0.5	0.11	1	<0.5	<0.2		N.A.
1065032	Drill Core	0.018	14	5	0.01	33	<0.001	4	0.37	<0.001	0.21	0.1	0.03	1.9	0.5	0.07	1	<0.5	<0.2		N.A.
1065033	Drill Core	0.011	13	3	0.02	62	<0.001	5	0.52	0.002	0.34	0.2	0.02	1.4	0.6	0.08	1	<0.5	<0.2		N.A.
1065034	Rock Pulp	0.038	6	14	0.10	107	0.010	<1	0.46	0.044	0.22	3.7	2.64	0.6	<0.1	1.09	2	2.1	5.7		N.A.
1065035	Drill Core	0.015	15	3	0.01	72	<0.001	2	0.46	0.002	0.31	0.2	0.06	1.1	1.1	0.16	1	1.1	<0.2		N.A.
1065036	Drill Core	0.013	10	2	<0.01	187	<0.001	6	0.35	0.001	0.29	0.2	0.39	0.9	0.7	0.38	1	1.1	<0.2		N.A.
1065037	Drill Core	0.025	7	6	0.01	119	<0.001	4	0.33	0.007	0.45	0.5	0.54	0.6	1.3	0.96	1	1.0	<0.2		N.A.
1065038	Drill Core	0.133	3	7	0.03	14	<0.001	3	0.88	0.003	0.49	0.3	0.35	7.1	2.7	5.72	2	1.7	<0.2		1.15
1065039	Rock	0.021	<1	<1	11.13	23	0.001	<1	0.03	0.003	0.02	<0.1	<0.01	0.2	<0.1	0.22	<1	<0.5	<0.2		N.A.
1065040	Drill Core	0.056	6	7	0.02	42	<0.001	5	0.88	0.002	0.61	0.2	0.12	11.3	2.7	3.05	2	<0.5	<0.2		N.A.
1065041	Drill Core	0.141	6	10	0.03	70	<0.001	6	0.91	<0.001	0.41	0.2	0.68	9.0	3.0	3.26	5	0.9	0.3		1.13
1065042	Drill Core	0.086	5	8	0.02	49	<0.001	6	0.76	0.001	0.44	0.1	0.48	9.0	3.2	3.84	4	1.3	<0.2		N.A.
1065043	Drill Core	0.007	4	3	0.01	112	<0.001	3	0.34	0.004	0.60	<0.1	0.14	1.0	1.3	0.85	2	1.1	<0.2		N.A.
1065044	Drill Core	0.028	6	8	0.02	137	<0.001	5	0.43	0.001	0.38	0.2	0.16	2.5	1.2	0.38	3	1.3	<0.2		N.A.
1065045	Drill Core	0.024	5	14	0.02	226	0.001	2	0.36	0.001	0.39	0.2	0.40	1.5	0.6	0.57	4	2.1	<0.2		1.15
1065046	Drill Core	0.023	4	10	0.02	229	0.001	2	0.41	0.002	0.46	0.1	0.30	1.6	0.8	0.50	3	1.0	<0.2		N.A.
1065047	Drill Core	0.087	5	6	0.01	312	<0.001	3	0.48	0.001	0.25	0.2	0.35	2.4	0.9	0.19	1	1.9	<0.2	19.8	N.A.
1065048	Drill Core	0.013	8	6	0.01	97	<0.001	5	0.49	0.002	0.30	<0.1	0.08	0.5	0.3	<0.05	<1	0.8	<0.2		N.A.
1065049	Drill Core	0.012	8	1	0.01	115	<0.001	5	0.49	0.002	0.31	<0.1	0.11	0.8	0.4	<0.05	<1	1.1	<0.2		N.A.
1065050	Drill Core	0.012	15	4	0.02	208	<0.001	4	0.61	0.001	0.35	<0.1	0.08	1.1	0.4	<0.05	1	0.5	<0.2		N.A.
1065051	Drill Core	0.007	15	1	0.02	226	<0.001	4	0.49	0.002	0.32	<0.1	0.06	0.5	0.3	<0.05	<1	0.6	<0.2		N.A.
1065052	Rock Pulp	0.057	7	48	0.76	131	0.129	1	1.70	0.184	0.28	0.5	<0.01	2.4	<0.1	0.13	5	3.1	0.7		N.A.
1065053	Drill Core	0.010	16	2	0.02	140	<0.001	3	0.63	0.001	0.33	0.1	0.06	0.4	0.5	<0.05	<1	<0.5	<0.2		N.A.
1065054	Drill Core	0.014	19	<1	0.02	139	<0.001	5	0.57	0.001	0.33	0.1	0.09	0.4	0.6	<0.05	<1	0.5	<0.2		N.A.
1065055	Drill Core	0.013	22	3	0.02	159	<0.001	6	0.62	0.001	0.36	0.1	0.07	0.4	0.4	<0.05	1	1.3	<0.2		N.A.
1065056	Drill Core	0.012	14	<1	0.02	266	<0.001	1	0.51	<0.001	0.29	0.1	0.09	0.4	0.4	<0.05	1	1.6	<0.2		N.A.
1065057	Drill Core	0.016	2	21	<0.01	23	<0.001	<1	0.20	<0.001	0.08	0.3	1.61	0.3	1.0	2.26	<1	0.7	<0.2		N.A.
1065058	Drill Core	0.016	33	<1	0.02	191	<0.001	2	0.55	0.001	0.19	0.2	0.29	0.6	0.6	0.61	2	1.2	<0.2		N.A.
1065059	Rock	0.016	<1	1	11.62	70	<0.001	<1	0.02	0.002	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	1.1	<0.2		N.A.

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Acme Analytical Laboratories (Vancouver) Ltd.
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www.acmelab.com

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

Project: Charlotte Project
Report Date: August 14, 2011

CERTIFICATE OF ANALYSIS WHI11000371.2

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
1065060	Drill Core	4.89	0.088	1.9	58.9	667.7	205	11.9	0.7	0.6	87	1.40	783.5	109.2	11.2	17	16.7	31.2	0.1	<2	0.10

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CERTIFICATE OF ANALYSIS WHI11000371.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Pb
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
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	0.9	0.02
1065060	Drill Core	0.008	12	<1	<0.01	1219	<0.001	5	0.45	0.002	0.30	0.2	0.34	0.4	1.7	0.08	1	1.2	<0.2		N.A.

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Project: Charlotte Project
Report Date: August 14, 2011

QUALITY CONTROL REPORT WHI11000371.2

	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																					
1065019	Drill Core	3.50	0.006	0.6	334.2	15.2	1795	0.5	17.2	54.6	8351	9.06	171.0	6.2	2.3	43	0.9	76.8	0.2	86	1.66
REP 1065019	QC			0.6	326.2	14.5	1754	0.5	15.3	50.0	8348	8.82	161.1	6.6	2.2	43	0.9	74.9	0.2	81	1.63
Core Reject Duplicates																					
1065009	Drill Core	4.86	0.029	0.4	46.5	18.6	251	0.3	9.7	35.2	1767	5.73	43.0	32.2	3.1	13	1.8	15.0	0.5	117	0.42
DUP 1065009	QC		0.027	0.3	46.1	19.3	248	0.3	9.3	37.6	1848	5.90	43.7	28.6	3.3	13	1.9	16.0	0.5	118	0.42
1065044	Drill Core	2.93	0.731	0.7	42.6	6926	183	96.0	0.8	0.2	45	3.42	5107	706.6	2.5	37	5.0	304.3	0.2	29	0.04
DUP 1065044	QC		0.619	0.8	44.3	7059	196	86.0	1.1	0.2	43	3.45	5171	672.3	2.5	36	4.9	303.4	0.2	30	0.03
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			13.0	101.7	130.8	329	2.0	36.7	7.3	661	2.42	26.9	110.8	7.4	71	2.4	6.3	7.5	40	0.68
STD DS8	Standard			13.5	106.5	125.7	308	1.8	39.8	7.4	587	2.43	26.9	114.0	7.3	72	2.1	6.2	7.2	41	0.71
STD DS8	Standard			13.5	103.0	117.1	307	1.8	39.1	7.6	611	2.39	26.7	105.6	6.0	60	2.0	4.6	5.6	42	0.71
STD DS8	Standard			12.8	105.9	121.0	308	1.8	39.7	7.6	609	2.44	29.1	109.2	6.3	62	2.1	4.7	5.9	43	0.72
STD DS8	Standard			13.8	121.9	140.2	338	1.9	42.3	8.4	642	2.46	34.0	115.1	7.2	57	2.5	5.7	6.1	42	0.68
STD DS8	Standard			14.0	115.8	116.9	321	1.9	40.7	8.2	603	2.35	28.6	112.2	6.8	56	2.3	5.0	6.0	41	0.67
STD DS8	Standard			13.9	111.0	129.9	296	1.7	39.3	7.7	607	2.42	25.9	102.8	7.2	61	2.1	5.2	5.9	41	0.69
STD DS8	Standard			14.0	110.4	127.0	303	1.6	37.2	7.8	593	2.42	26.2	103.7	7.3	64	2.1	5.3	5.8	41	0.69
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OXH82	Standard		1.314																		
STD OXH82	Standard		1.338																		
STD OXH82	Standard		1.358																		
STD OXK79	Standard		3.590																		
STD OXK79	Standard		3.730																		
STD OXK79	Standard		3.613																		
STD R4T	Standard																				
STD SU-1B	Standard																				

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 14, 2011

QUALITY CONTROL REPORT WHI11000371.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Pb
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
	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	0.9	0.02
Pulp Duplicates																					
1065019	Drill Core	0.095	13	9	0.35	59	0.001	3	0.84	0.002	0.28	1.1	0.23	15.7	1.7	0.10	2	1.4	<0.2		N.A.
REP 1065019	QC	0.090	11	8	0.34	54	<0.001	4	0.70	0.002	0.23	0.8	0.23	14.1	1.5	0.09	2	1.8	<0.2		
Core Reject Duplicates																					
1065009	Drill Core	0.134	14	4	0.33	234	0.035	<1	1.31	<0.001	0.34	0.2	0.23	11.9	0.3	0.07	3	<0.5	<0.2		N.A.
DUP 1065009	QC	0.147	15	4	0.32	223	0.034	<1	1.36	<0.001	0.33	0.2	0.26	12.3	0.3	0.07	3	<0.5	<0.2		N.A.
1065044	Drill Core	0.028	6	8	0.02	137	<0.001	5	0.43	0.001	0.38	0.2	0.16	2.5	1.2	0.38	3	1.3	<0.2		N.A.
DUP 1065044	QC	0.029	6	8	0.02	132	<0.001	4	0.44	0.001	0.39	0.1	0.21	2.3	1.1	0.38	3	1.0	<0.2		N.A.
Reference Materials																					
STD AGPROOF	Standard																			<0.9	
STD CDN-ME-3	Standard																			9.4	
STD DS8	Standard	0.082	14	126	0.59	282	0.125	3	0.87	0.081	0.44	3.3	0.21	1.9	5.4	0.16	5	5.7	5.3		
STD DS8	Standard	0.077	15	117	0.61	281	0.116	3	0.93	0.084	0.40	3.2	0.20	1.9	5.6	0.16	5	5.8	5.4		
STD DS8	Standard	0.071	14	122	0.59	248	0.119	3	0.92	0.094	0.39	2.9	0.19	2.0	5.2	0.16	4	4.9	4.8		
STD DS8	Standard	0.076	14	120	0.60	251	0.117	2	0.92	0.095	0.41	3.1	0.20	2.0	5.4	0.16	5	5.8	5.1		
STD DS8	Standard	0.085	15	129	0.61	283	0.130	1	0.91	0.086	0.44	2.9	0.20	2.1	5.9	0.16	5	7.2	4.9		
STD DS8	Standard	0.081	15	123	0.59	285	0.124	1	0.90	0.081	0.43	3.3	0.16	1.9	5.5	0.16	5	7.6	4.6		
STD DS8	Standard	0.074	13	121	0.59	260	0.121	3	0.90	0.092	0.40	2.8	0.20	1.6	5.0	0.15	4	3.9	5.3		
STD DS8	Standard	0.082	13	121	0.59	272	0.124	2	0.92	0.090	0.40	2.7	0.19	1.8	4.9	0.16	4	6.6	5.1		
STD OREAS131B	Standard																				1.81
STD OREAS153A	Standard																				<0.02
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD R4T	Standard																				1.52
STD SU-1B	Standard																				<0.02

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 14, 2011

QUALITY CONTROL REPORT WHI11000371.2

		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 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 CDN-ME-3 Expected																					
STD AGPROOF Expected																					
STD R4T Expected																					
STD OREAS131B Expected																					
STD SU-1B 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		<0.005																		
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	1.5	0.9	<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																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		<0.005	<0.1	1.1	3.1	50	<0.1	3.5	4.3	552	1.88	5.5	<0.5	4.6	53	<0.1	<0.1	<0.1	36	0.42
G1	Prep Blank		<0.005	0.2	1.1	2.3	48	<0.1	4.6	4.3	520	1.87	6.7	<0.5	4.7	52	<0.1	<0.1	<0.1	37	0.47

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QUALITY CONTROL REPORT WHI11000371.2

		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	G6Gr Au gm/t 0.9	7TD Pb % 0.02
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 CDN-ME-3 Expected																				9.77	
STD AGPROOF Expected																				0	
STD R4T Expected																					1.518
STD OREAS131B Expected																					1.86
STD SU-1B Expected																					0.0058
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																				
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	0.7	<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																			<0.9	
BLK	Blank																			<0.9	
BLK	Blank																				<0.02
Prep Wash																					
G1	Prep Blank	0.076	7	7	0.57	195	0.113	<1	0.90	0.052	0.45	<0.1	<0.01	1.6	0.3	<0.05	5	<0.5	<0.2		N.A.
G1	Prep Blank	0.077	8	9	0.58	192	0.119	<1	0.97	0.074	0.45	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2		N.A.

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

Submitted By: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: August 10, 2011
Report Date: August 15, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11000371R.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-06
P.O. Number
Number of Samples: 4

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
G6	4	Lead collection fire assay fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Rerun the missing overlimit for the original job.

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
Chris Basil

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: Charlotte Project
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS WHI11000371R.1

	Method	G6Gr
	Analyte	Ag
	Unit	gm/t
	MDL	50
1065041	Drill Core	175
1065042	Drill Core	91
1065045	Drill Core	109
1065057	Drill Core	302

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Project: Charlotte Project
Report Date: August 15, 2011

QUALITY CONTROL REPORT WHI11000371R.1

		Method	G6Gr
		Analyte	Ag
		Unit	gm/t
		MDL	50
Pulp Duplicates			
1065057	Drill Core		302
REP 1065057	QC		299
Reference Materials			
STD CDN-ME-3	Standard		231
STD CDN-ME-3 Expected			276
BLK	Blank		<50

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

Submitted By: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: July 05, 2011
Report Date: September 30, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11000473.2

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-009
P.O. Number
Number of Samples: 28

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	27	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	28	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	28	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	1	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Version 2: G6 Grav Au & Ag for Sample 1065299 included.

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

CC: Bernie Dewonek
Peter Dadson

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 30, 2011

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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
1065290	Drill Core	2.41	0.082	28.8	106.9	78.7	4591	3.8	15.5	9.7	3273	3.74	1999	99.5	2.7	27	27.5	95.4	0.3	6	0.19
1065291	Drill Core	4.22	0.217	47.4	37.0	483.5	988	4.7	8.0	6.4	1206	2.30	1229	233.6	1.2	58	5.5	60.0	0.2	4	0.16
1065292	Drill Core	5.72	0.339	49.5	30.9	75.4	325	5.6	7.9	7.5	2546	2.76	2165	359.3	2.1	21	2.6	41.5	0.2	4	0.87
1065293	Drill Core	6.10	0.070	40.4	148.7	15.9	121	4.7	9.3	9.8	2889	2.84	706.2	71.9	1.7	17	0.5	43.2	0.3	5	1.38
1065294	Drill Core	5.59	0.101	194.0	107.0	58.3	203	1.3	14.4	11.2	3292	2.52	825.1	92.0	1.8	28	1.5	27.2	0.4	5	2.59
1065295	Drill Core	5.24	<0.005	12.8	110.6	6.9	81	0.4	12.5	12.2	1577	2.91	108.3	7.7	1.5	39	0.3	22.5	0.3	20	2.62
1065296	Drill Core	5.95	<0.005	104.2	153.2	4.2	68	0.2	14.6	13.7	881	3.52	84.3	5.6	2.3	26	<0.1	17.6	0.4	37	1.40
1065297	Drill Core	5.68	<0.005	8.9	48.8	5.8	116	0.1	6.8	7.5	951	2.10	57.9	1.9	3.4	34	0.4	9.0	0.3	26	1.60
1065298	Drill Core	6.14	0.030	5.7	38.6	42.0	80	2.0	3.8	4.0	2041	1.80	219.3	36.5	4.0	15	0.7	19.6	0.8	<2	1.20
1065299	Core Pulp	0.10	>10	7.4	112.7	15.0	56	>100	15.0	10.5	567	3.47	231.0	12275	2.6	71	0.3	8.3	16.1	68	1.59
1065300	Drill Core	4.93	0.160	48.3	38.8	224.1	832	2.3	5.2	6.7	1851	2.73	733.7	156.9	3.0	13	9.3	41.2	0.3	2	0.83
1065301	Drill Core	5.68	0.277	20.7	83.6	10.1	178	6.3	7.4	10.8	965	2.81	793.9	277.1	2.6	31	2.3	41.2	0.2	13	1.55
1065302	Drill Core	6.24	<0.005	14.1	97.2	5.2	195	0.2	7.3	13.3	825	2.98	196.3	3.5	1.7	40	1.3	22.1	0.1	43	2.11
1065303	Drill Core	2.76	<0.005	11.0	57.9	2.7	94	0.2	6.2	6.7	1079	2.20	66.6	4.0	1.7	64	0.5	4.5	0.3	30	2.52
1065304	Drill Core	2.96	<0.005	9.7	76.6	3.1	83	0.2	12.4	9.4	544	2.35	32.0	1.7	2.1	49	0.1	2.8	0.3	46	2.04
1065305	Drill Core	5.54	<0.005	49.3	62.6	2.7	159	0.3	10.6	9.7	817	2.24	108.2	2.8	2.9	48	0.7	13.7	0.4	22	1.95
1065306	Drill Core	4.37	<0.005	12.9	97.0	2.8	188	0.3	9.1	8.2	1528	3.08	119.6	9.8	2.6	53	1.8	11.2	0.4	35	3.39
1065307	Drill Core	5.25	<0.005	9.9	104.1	5.2	224	0.3	10.3	10.2	1692	3.46	160.4	7.6	1.4	46	1.3	27.2	0.3	68	2.78
1065308	Drill Core	5.33	<0.005	38.8	99.2	10.3	139	0.3	8.7	8.5	1411	3.10	105.0	3.0	1.7	64	0.7	20.8	0.3	27	3.71
1065309	Drill Core	6.40	<0.005	60.5	214.0	5.6	117	0.3	13.4	17.2	1803	4.34	108.8	1.5	1.0	54	0.2	47.9	0.8	61	3.54
1065310	Drill Core	2.58	<0.005	77.9	197.5	4.9	115	0.3	14.0	15.7	1779	4.24	96.5	0.9	1.1	54	0.2	39.0	0.6	66	3.55
1065311	Drill Core	3.77	<0.005	16.6	80.8	3.9	84	0.1	14.6	9.6	972	2.87	46.6	0.9	2.0	47	0.1	15.0	0.3	34	2.54
1065312	Drill Core	4.49	<0.005	19.9	64.4	6.2	61	0.2	5.4	8.4	2104	2.45	25.0	2.4	1.7	33	0.3	7.7	0.3	9	2.31
1065313	Drill Core	4.43	<0.005	15.2	117.2	6.0	191	0.2	13.9	14.4	1774	3.21	76.8	2.3	1.9	21	0.7	23.6	0.4	30	1.45
1065314	Drill Core	5.95	<0.005	45.9	107.2	4.4	195	0.2	13.1	14.1	1381	3.49	82.9	1.0	3.1	34	0.3	17.4	0.3	59	1.85
1065315	Drill Core	2.98	<0.005	88.3	91.4	2.1	69	0.1	12.6	12.7	555	2.65	15.0	0.7	3.5	47	<0.1	22.9	0.3	45	2.14
1065316	Drill Core	3.20	<0.005	15.2	50.8	2.2	40	<0.1	6.8	6.6	437	2.10	1.4	<0.5	2.7	34	<0.1	5.1	0.2	43	1.58
1065317	Drill Core	2.44	<0.005	34.1	84.1	2.0	43	0.1	5.8	12.5	414	2.39	5.3	0.9	2.3	24	<0.1	16.2	0.2	36	1.39

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Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000473.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1065290	Drill Core	0.052	8	1	0.05	38	<0.001	4	0.72	<0.001	0.21	0.2	0.03	4.7	0.7	0.81	<1	0.8	<0.2		
1065291	Drill Core	0.028	4	<1	0.04	49	<0.001	5	0.25	<0.001	0.21	0.1	0.13	2.0	0.9	1.65	<1	1.0	<0.2		
1065292	Drill Core	0.052	5	2	0.21	46	<0.001	4	0.32	<0.001	0.20	0.2	0.06	2.9	0.7	2.35	<1	1.2	<0.2		
1065293	Drill Core	0.059	5	1	0.39	33	<0.001	3	0.34	<0.001	0.18	0.1	0.08	4.0	0.6	2.69	<1	1.2	<0.2		
1065294	Drill Core	0.059	4	5	0.70	64	<0.001	3	0.31	<0.001	0.20	0.2	0.04	3.9	0.4	1.95	<1	1.2	<0.2		
1065295	Drill Core	0.071	5	4	0.78	30	<0.001	3	0.38	0.001	0.14	0.1	0.07	6.8	0.4	1.80	<1	2.2	<0.2		
1065296	Drill Core	0.077	9	6	0.40	31	0.001	2	0.47	<0.001	0.08	0.1	0.08	9.5	0.2	2.26	1	2.8	<0.2		
1065297	Drill Core	0.074	9	3	0.45	183	<0.001	3	0.54	<0.001	0.10	0.1	0.10	6.4	0.3	0.77	1	0.8	<0.2		
1065298	Drill Core	0.028	7	<1	0.35	88	<0.001	4	0.32	<0.001	0.21	<0.1	0.02	1.7	0.4	1.51	<1	0.7	0.2		
1065299	Core Pulp	0.053	7	22	0.71	102	0.127	3	1.64	0.177	0.20	4.5	0.48	2.2	0.1	0.18	4	5.2	2.6	177	12.2
1065300	Drill Core	0.050	4	<1	0.23	40	<0.001	3	0.31	<0.001	0.21	0.1	0.03	1.6	0.4	2.74	<1	1.2	<0.2		
1065301	Drill Core	0.073	8	3	0.47	53	<0.001	3	0.41	0.001	0.14	0.1	0.06	3.4	0.2	2.11	1	1.6	<0.2		
1065302	Drill Core	0.046	8	3	0.66	31	0.004	2	0.85	<0.001	0.13	<0.1	0.04	8.3	0.2	1.55	2	1.5	<0.2		
1065303	Drill Core	0.045	5	3	0.71	76	0.019	<1	0.58	0.029	0.10	0.3	0.01	4.3	0.2	1.07	2	0.7	<0.2		
1065304	Drill Core	0.075	7	10	0.63	72	0.022	2	0.98	0.026	0.10	0.3	0.01	6.2	0.2	1.07	3	2.4	<0.2		
1065305	Drill Core	0.054	10	8	0.69	58	0.002	3	0.56	0.001	0.16	<0.1	0.09	6.2	0.2	1.25	1	1.6	0.2		
1065306	Drill Core	0.072	10	9	1.10	46	<0.001	2	0.66	0.002	0.15	0.2	0.05	8.2	0.2	1.88	1	1.5	<0.2		
1065307	Drill Core	0.072	7	8	0.80	70	<0.001	2	0.69	<0.001	0.08	<0.1	0.12	13.8	0.1	2.06	1	1.5	<0.2		
1065308	Drill Core	0.060	6	5	1.25	28	<0.001	3	0.49	0.002	0.14	<0.1	0.06	5.2	0.2	1.69	1	1.7	<0.2		
1065309	Drill Core	0.048	5	10	1.14	47	<0.001	3	0.68	0.001	0.11	0.1	0.17	9.6	0.3	2.92	1	3.1	<0.2		
1065310	Drill Core	0.056	5	10	1.08	42	<0.001	2	0.61	0.002	0.10	0.1	0.16	10.3	0.3	2.84	1	2.6	<0.2		
1065311	Drill Core	0.051	8	8	0.84	59	<0.001	3	0.66	0.002	0.14	<0.1	0.03	6.8	0.2	1.54	1	1.8	<0.2		
1065312	Drill Core	0.054	4	1	0.70	33	<0.001	3	0.33	0.002	0.18	<0.1	0.03	2.9	0.3	1.86	<1	1.2	<0.2		
1065313	Drill Core	0.068	7	6	0.42	28	<0.001	2	0.53	<0.001	0.14	0.1	0.20	6.9	0.2	2.11	1	2.0	<0.2		
1065314	Drill Core	0.080	12	9	0.57	93	0.001	1	0.67	0.001	0.10	0.1	0.14	10.1	0.1	1.49	2	2.6	<0.2		
1065315	Drill Core	0.120	15	5	0.63	106	0.010	2	1.12	0.012	0.17	<0.1	0.01	8.1	0.2	1.13	4	1.6	<0.2		
1065316	Drill Core	0.043	8	6	0.76	143	0.027	1	1.04	0.032	0.11	<0.1	<0.01	5.5	<0.1	0.66	4	0.9	<0.2		
1065317	Drill Core	0.048	7	2	0.32	36	0.002	<1	0.61	0.001	0.09	0.1	0.03	7.2	<0.1	1.37	2	1.8	<0.2		

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Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000473.2

	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																					
1065304	Drill Core	2.96	<0.005	9.7	76.6	3.1	83	0.2	12.4	9.4	544	2.35	32.0	1.7	2.1	49	0.1	2.8	0.3	46	2.04
REP 1065304	QC			9.8	79.7	2.5	86	0.2	12.8	9.8	577	2.46	32.2	1.7	2.1	51	<0.1	2.8	0.3	47	2.13
Core Reject Duplicates																					
1065312	Drill Core	4.49	<0.005	19.9	64.4	6.2	61	0.2	5.4	8.4	2104	2.45	25.0	2.4	1.7	33	0.3	7.7	0.3	9	2.31
DUP 1065312	QC		0.005	23.1	64.1	7.2	64	0.2	5.5	8.5	2197	2.47	26.4	3.3	1.8	35	0.4	7.5	0.3	9	2.29
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			12.6	102.9	120.0	321	1.8	36.2	7.1	588	2.37	30.3	124.0	6.6	67	2.2	5.7	6.6	38	0.65
STD DS8	Standard			12.4	102.0	114.1	316	1.6	35.9	7.0	577	2.34	25.1	135.9	6.6	68	2.1	5.0	6.0	38	0.65
STD OXH82	Standard		1.378																		
STD OXH82	Standard		1.315																		
STD OXK79	Standard		3.359																		
STD OXK79	Standard		3.382																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD CDN-ME-3 Expected																					
STD AGPROOF Expected																					
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
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
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
Prep Wash																					
G1	Prep Blank		<0.005	<0.1	1.4	2.1	44	<0.1	3.3	3.9	512	1.82	<0.5	<0.5	4.2	53	<0.1	<0.1	<0.1	33	0.51

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QUALITY CONTROL REPORT WHI11000473.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
Pulp Duplicates																					
1065304	Drill Core	0.075	7	10	0.63	72	0.022	2	0.98	0.026	0.10	0.3	0.01	6.2	0.2	1.07	3	2.4	<0.2		
REP 1065304	QC	0.070	7	10	0.66	68	0.022	2	0.98	0.026	0.11	0.3	<0.01	6.5	0.2	1.13	3	2.3	<0.2		
Core Reject Duplicates																					
1065312	Drill Core	0.054	4	1	0.70	33	<0.001	3	0.33	0.002	0.18	<0.1	0.03	2.9	0.3	1.86	<1	1.2	<0.2		
DUP 1065312	QC	0.056	4	1	0.73	35	<0.001	2	0.36	0.002	0.19	0.1	0.03	3.1	0.3	1.88	<1	1.1	<0.2		
Reference Materials																					
STD AGPROOF	Standard																			96	<0.9
STD CDN-ME-3	Standard																			258	9.5
STD DS8	Standard	0.079	15	110	0.58	263	0.113	3	0.89	0.083	0.39	3.2	0.20	1.8	5.4	0.16	5	4.9	4.9		
STD DS8	Standard	0.079	15	113	0.57	254	0.110	2	0.86	0.083	0.38	3.0	0.22	1.7	5.3	0.15	5	5.3	5.1		
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD CDN-ME-3 Expected																				276	9.77
STD AGPROOF Expected																				94	0
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		
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																			<50	<0.9
BLK	Blank																			<50	<0.9
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		
Prep Wash																					
G1	Prep Blank	0.076	8	6	0.57	194	0.114	1	0.93	0.079	0.42	<0.1	<0.01	1.4	0.3	<0.05	5	<0.5	<0.2		

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000473.2

		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
G1	Prep Blank		<0.005	<0.1	1.5	2.7	46	<0.1	3.4	4.0	510	1.82	<0.5	<0.5	4.6	59	<0.1	<0.1	<0.1	33	0.46

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QUALITY CONTROL REPORT WHI11000473.2

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
G1	Prep Blank	0.077	8	6	0.53	210	0.119	<1	0.95	0.078	0.49	<0.1	<0.01	1.6	0.3	<0.05	5	<0.5	<0.2		

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

Submitted By: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: July 06, 2011
Report Date: September 30, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS WHI11000482.2

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-008
P.O. Number
Number of Samples: 178

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	171	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	178	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	178	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	3	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN
7TD	8	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 7TD Pb included.

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
RAYMOND CHAN
CHIEF ASSAYER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000482.2

	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
1065112	Drill Core	5.54	0.006	0.2	55.2	2.9	198	<0.1	37.8	28.8	1470	3.10	69.1	4.0	0.3	23	1.4	3.2	0.5	89	1.37
1065113	Drill Core	4.85	<0.005	0.3	26.8	5.2	178	<0.1	55.2	20.2	1270	2.87	15.3	0.7	0.6	17	1.2	1.1	0.6	84	1.20
1065114	Drill Core	1.69	<0.005	0.2	43.0	10.4	591	<0.1	116.3	43.8	3300	3.53	384.1	2.3	1.8	12	2.7	15.2	0.7	92	0.69
1065115	Rock	1.00	<0.005	0.1	0.7	1.0	10	<0.1	1.3	0.6	190	0.40	5.1	<0.5	<0.1	37	<0.1	<0.1	<0.1	<2	20.38
1065116	Drill Core	3.63	0.006	0.7	75.4	9.3	1239	<0.1	190.1	75.6	>10000	6.80	947.5	4.8	2.3	51	6.9	48.6	1.2	141	0.38
1065117	Drill Core	3.08	0.223	0.4	31.8	85.6	256	3.6	16.0	6.6	161	5.10	1535	254.9	1.7	75	1.0	89.2	1.8	20	0.13
1065118	Drill Core	2.86	0.965	0.7	5.2	949.0	25	7.5	2.2	0.7	133	2.23	851.0	967.9	0.8	36	0.3	127.4	2.6	11	0.07
1065119	Drill Core	3.13	8.260	0.6	24.4	2059	66	11.3	1.6	1.0	158	3.41	7702	8856	1.1	79	1.3	168.1	8.9	13	0.06
1065120	Drill Core	4.42	0.089	0.5	87.4	35.2	886	2.0	42.1	26.1	2706	8.07	891.7	104.9	1.1	52	2.5	46.6	4.5	58	0.07
1065121	Drill Core	3.06	0.073	1.1	101.8	193.2	796	3.4	35.4	16.7	990	5.89	1286	73.5	0.9	27	3.5	43.8	4.3	23	0.03
1065122	Drill Core	3.77	0.297	2.0	63.9	2012	544	8.5	12.0	4.4	198	5.36	7143	335.3	0.8	47	2.8	131.3	3.8	21	0.09
1065123	Drill Core	2.90	0.012	0.3	147.3	327.5	2642	1.3	38.5	40.3	9045	4.78	860.8	16.0	0.7	44	15.5	35.0	1.1	20	2.40
1065124	Drill Core	3.37	<0.005	0.3	74.0	11.3	3802	<0.1	70.1	68.9	8197	7.32	398.8	2.4	1.1	23	18.0	27.3	0.4	173	0.81
1065125	Rock Pulp	0.14	0.396	9.9	135.6	9.0	49	0.1	27.1	35.3	490	3.12	1304	348.3	3.0	72	0.3	1.9	3.8	75	1.32
1065126	Drill Core	3.05	0.024	6.3	92.8	18.9	1265	0.5	34.7	22.4	209	7.09	1777	25.2	2.8	18	13.1	140.9	0.5	56	0.34
1065127	Drill Core	5.28	<0.005	1.1	24.0	11.9	350	<0.1	6.2	3.3	129	1.69	316.0	8.1	7.1	6	3.3	43.7	0.3	6	0.07
1065128	Drill Core	5.87	0.009	0.4	105.9	3.1	473	0.1	40.9	16.1	361	4.36	228.8	9.5	1.0	30	3.6	14.4	7.3	111	0.84
1065129	Drill Core	5.35	0.013	0.4	97.3	17.0	717	0.2	64.4	17.2	511	4.39	722.4	16.3	0.4	33	8.6	52.4	1.6	101	0.81
1065130	Drill Core	4.03	0.015	0.9	71.3	17.6	1270	<0.1	99.1	23.3	1216	5.07	1731	20.2	1.0	13	20.6	183.5	0.5	93	0.73
1065131	Drill Core	3.06	<0.005	0.6	50.3	8.5	545	0.1	32.2	8.0	518	4.40	1289	10.8	1.5	28	5.8	47.7	1.3	88	0.57
1065132	Drill Core	4.11	<0.005	0.4	95.4	8.3	268	0.2	16.8	9.9	309	3.25	582.8	4.9	1.0	15	4.4	7.6	1.4	94	0.84
1065133	Drill Core	2.05	0.009	0.6	88.9	36.0	1156	0.7	18.1	9.1	246	4.42	1322	14.2	1.5	10	13.3	42.4	1.8	34	0.20
1065134	Drill Core	2.84	0.033	0.4	36.3	88.7	637	1.0	5.6	2.8	185	3.46	1877	38.3	1.5	62	4.0	47.2	1.4	11	0.16
1065135	Drill Core	3.36	0.698	0.7	28.5	2770	146	39.1	1.5	0.6	72	3.34	1130	708.6	1.4	90	6.1	243.4	26.0	14	0.10
1065136	Drill Core	1.75	0.597	0.7	30.9	2771	127	36.1	1.4	0.5	78	2.78	1005	600.9	1.4	71	7.0	263.8	24.7	13	0.10
1065137	Drill Core	2.86	0.084	0.3	119.0	69.8	3902	1.9	29.5	25.6	3388	4.83	1567	99.3	3.1	18	29.0	45.9	1.3	47	0.28
1065138	Drill Core	2.59	<0.005	0.6	32.2	13.8	9102	0.2	49.6	32.8	2513	7.44	995.1	13.6	1.1	11	80.0	28.9	0.8	148	0.75
1065139	Drill Core	1.60	2.600	0.4	156.7	2509	679	19.7	15.6	10.8	64	5.01	2330	2530	0.7	22	16.5	397.9	1.2	16	0.07
1065140	Drill Core	2.85	2.497	0.4	100.9	1552	348	35.5	6.5	7.3	54	3.17	1663	2562	0.5	9	9.5	233.5	0.3	12	0.03
1065141	Drill Core	1.46	0.729	0.7	68.5	120.9	616	4.9	4.9	4.6	166	4.16	2917	814.6	0.7	93	31.0	122.4	0.2	26	0.14

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

Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000482.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
	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	0.9	0.001
1065112	Drill Core	0.098	2	54	1.31	43	0.148	1	1.79	0.152	0.17	<0.1	<0.01	9.2	<0.1	0.08	4	<0.5	0.2		
1065113	Drill Core	0.096	3	105	1.69	163	0.180	1	1.75	0.131	0.43	<0.1	<0.01	8.1	<0.1	0.09	5	<0.5	0.2		
1065114	Drill Core	0.095	6	253	1.80	45	0.112	<1	2.02	0.066	0.08	0.1	0.01	10.2	0.5	<0.05	7	<0.5	0.3		
1065115	Rock	0.016	<1	1	10.31	11	0.001	<1	0.01	0.002	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1065116	Drill Core	0.160	13	160	0.09	114	0.002	3	1.36	0.010	0.22	0.2	0.30	24.0	4.0	0.19	3	<0.5	0.4		
1065117	Drill Core	0.090	9	4	0.06	168	<0.001	3	0.45	0.013	0.57	0.2	0.29	7.0	3.7	0.77	1	0.8	0.7		
1065118	Drill Core	0.036	4	9	0.04	112	<0.001	6	0.32	0.009	0.52	0.2	0.12	3.6	2.7	0.69	1	0.6	1.5		
1065119	Drill Core	0.082	5	10	0.03	117	<0.001	5	0.28	0.008	0.57	0.2	0.15	11.2	3.2	0.92	1	1.3	4.3		
1065120	Drill Core	0.113	7	12	0.04	106	0.001	6	0.71	0.006	0.56	0.2	0.13	15.8	2.7	0.74	2	1.1	2.5		
1065121	Drill Core	0.108	5	5	0.02	64	<0.001	4	0.46	0.003	0.39	0.3	0.06	10.2	1.6	0.46	<1	0.6	2.7		
1065122	Drill Core	0.083	4	8	0.02	111	<0.001	4	0.43	0.007	0.60	0.2	0.23	7.8	2.7	0.86	1	1.2	2.2		
1065123	Drill Core	0.080	3	5	0.71	64	<0.001	3	0.46	0.003	0.30	0.1	0.05	8.3	1.0	1.64	1	0.9	0.6		
1065124	Drill Core	0.084	6	37	1.60	228	0.131	<1	3.11	<0.001	0.76	<0.1	0.04	22.1	0.2	0.68	6	0.9	0.2		
1065125	Rock Pulp	0.052	6	45	0.75	122	0.121	3	1.65	0.176	0.24	0.4	<0.01	2.5	<0.1	0.12	5	2.5	0.6		
1065126	Drill Core	0.048	7	37	0.46	173	0.008	1	1.99	0.001	0.26	<0.1	0.03	12.3	<0.1	0.06	4	0.5	0.3		
1065127	Drill Core	0.020	12	1	0.07	50	0.001	2	0.53	0.016	0.17	<0.1	0.02	2.1	<0.1	0.07	1	<0.5	0.2		
1065128	Drill Core	0.098	5	78	1.61	186	0.143	<1	2.60	0.109	0.51	0.1	<0.01	12.5	<0.1	0.35	6	0.9	3.8		
1065129	Drill Core	0.083	3	147	1.60	150	0.113	<1	2.71	0.094	0.38	<0.1	<0.01	12.1	<0.1	0.12	6	0.8	0.9		
1065130	Drill Core	0.099	7	263	1.82	105	0.084	<1	2.42	0.069	0.31	0.1	<0.01	12.7	<0.1	<0.05	6	0.7	0.2		
1065131	Drill Core	0.149	8	119	1.40	78	0.076	<1	1.61	0.103	0.20	0.2	<0.01	9.1	<0.1	0.37	8	1.4	0.7		
1065132	Drill Core	0.096	4	27	1.03	31	0.142	<1	1.41	0.117	0.14	<0.1	<0.01	8.8	<0.1	0.37	5	0.9	0.9		
1065133	Drill Core	0.050	3	9	0.15	74	0.002	1	1.05	0.010	0.24	<0.1	0.02	7.1	<0.1	0.26	2	1.4	1.0		
1065134	Drill Core	0.081	5	3	0.04	120	<0.001	4	0.34	0.010	0.37	0.1	0.02	4.1	1.0	0.38	<1	0.9	0.8		
1065135	Drill Core	0.070	4	3	0.02	161	<0.001	5	0.31	0.008	0.64	0.1	0.23	1.2	4.0	1.03	1	1.1	6.6		
1065136	Drill Core	0.058	4	4	0.02	167	<0.001	6	0.31	0.006	0.53	0.1	0.20	1.2	3.1	0.82	1	1.4	6.8		
1065137	Drill Core	0.119	8	12	0.15	186	0.002	2	0.83	0.002	0.24	0.1	0.07	9.0	0.9	0.62	2	<0.5	0.3		
1065138	Drill Core	0.129	6	47	0.62	30	0.003	<1	2.52	<0.001	0.19	0.2	0.06	18.9	0.1	0.41	5	0.8	0.3		
1065139	Drill Core	0.032	3	6	0.03	41	<0.001	6	0.34	0.002	0.30	0.2	0.24	5.6	3.3	4.90	2	<0.5	0.4		
1065140	Drill Core	0.011	1	4	0.02	45	<0.001	5	0.24	0.001	0.27	0.1	0.36	1.7	1.9	2.85	1	0.7	<0.2		
1065141	Drill Core	0.048	2	4	0.04	51	<0.001	3	0.47	0.003	0.34	0.2	0.20	3.7	7.4	2.09	1	<0.5	<0.2		

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Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000482.2

		Method	7TD	7TD	7TD
		Analyte	Pb	Zn	Ag
		Unit	%	%	gm/t
		MDL	0.02	0.01	2
1065112	Drill Core				
1065113	Drill Core				
1065114	Drill Core				
1065115	Rock				
1065116	Drill Core				
1065117	Drill Core				
1065118	Drill Core				
1065119	Drill Core				
1065120	Drill Core				
1065121	Drill Core				
1065122	Drill Core				
1065123	Drill Core				
1065124	Drill Core				
1065125	Rock Pulp				
1065126	Drill Core				
1065127	Drill Core				
1065128	Drill Core				
1065129	Drill Core				
1065130	Drill Core				
1065131	Drill Core				
1065132	Drill Core				
1065133	Drill Core				
1065134	Drill Core				
1065135	Drill Core				
1065136	Drill Core				
1065137	Drill Core				
1065138	Drill Core				
1065139	Drill Core				
1065140	Drill Core				
1065141	Drill Core				

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Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000482.2

	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
1065142	Drill Core	2.19	3.016	0.2	160.2	3444	188	22.7	1.6	4.1	56	2.94	1169	3454	0.6	20	12.5	302.4	0.3	12	0.04
1065143	Rock	0.92	<0.005	<0.1	1.9	6.8	12	<0.1	1.2	0.4	193	0.40	12.6	5.4	<0.1	44	0.1	1.0	<0.1	<2	20.90
1065144	Drill Core	3.25	4.897	0.3	256.0	6294	1212	>100	2.6	5.6	63	3.78	>10000	5231	0.8	27	42.9	>2000	0.6	12	0.16
1065145	Drill Core	3.91	1.492	0.5	116.4	559.1	196	53.7	6.3	8.1	58	3.16	1537	1663	0.5	25	5.5	159.0	0.5	11	0.05
1065146	Drill Core	2.89	0.970	1.1	226.6	1164	359	>100	3.9	9.0	55	3.39	1571	1019	2.3	37	13.2	474.3	0.4	10	0.06
1065147	Drill Core	1.91	>10	0.5	554.0	4976	4588	>100	6.0	10.6	134	10.99	>10000	18591	0.3	14	74.8	793.2	0.2	14	0.10
1065148	Drill Core	3.18	2.536	0.3	332.8	5307	677	>100	4.6	5.2	58	4.28	4294	2319	0.5	26	31.2	1043	0.6	14	0.04
1065149	Rock Pulp	0.14	>10	8.1	118.5	17.6	59	>100	15.7	11.1	538	3.61	234.5	12692	3.1	71	0.2	8.3	15.1	73	1.74
1065150	Drill Core	3.54	0.189	0.2	43.2	273.6	1474	3.5	4.8	6.8	779	3.29	963.2	87.0	1.4	49	17.2	111.4	0.4	24	0.30
1065151	Drill Core	3.04	0.007	0.2	55.7	7.3	983	0.4	13.5	20.0	1294	4.86	685.9	204.0	1.8	42	5.4	10.0	0.3	132	1.25
1065152	Drill Core	4.64	<0.005	0.1	63.4	5.7	835	0.3	11.9	21.1	1431	5.23	445.2	132.3	1.7	62	3.7	21.6	0.5	145	1.78
1065153	Drill Core	3.32	<0.005	0.5	52.2	20.2	1970	0.2	15.0	23.8	3295	4.89	436.6	89.1	1.8	37	17.7	40.0	0.3	98	2.20
1065154	Drill Core	3.39	0.227	0.6	46.7	43.3	4449	1.3	21.4	34.2	8712	6.09	713.4	308.2	1.4	25	20.3	50.1	0.3	7	1.58
1065155	Drill Core	1.55	0.099	0.7	51.7	114.4	3667	4.5	25.8	35.9	5712	5.06	1195	150.3	0.9	20	59.1	57.5	0.5	12	1.09
1065156	Drill Core	3.55	1.556	0.6	96.1	3405	8813	28.1	13.7	18.6	315	5.50	5652	1892	0.5	28	146.9	128.9	0.3	9	0.19
1065157	Drill Core	1.56	0.598	0.7	169.4	3228	9318	96.8	12.9	18.4	635	5.45	6329	558.9	0.7	18	152.3	213.2	0.3	11	0.36
1065158	Drill Core	1.98	0.289	1.6	49.8	1722	2430	13.3	8.9	13.5	87	4.42	1139	368.5	1.3	15	27.4	46.6	0.4	8	0.12
1065159	Drill Core	2.63	0.400	0.8	56.3	1538	4557	16.5	12.4	16.2	3033	4.94	1673	535.7	0.9	20	127.6	113.7	0.3	11	0.79
1065160	Drill Core	3.24	0.462	1.0	38.1	880.9	939	11.1	8.4	16.1	60	4.89	1332	499.4	0.8	12	19.0	41.8	0.2	10	0.06
1065161	Drill Core	1.99	0.563	0.7	40.9	644.3	246	10.6	5.2	10.9	64	3.50	1615	605.8	1.3	19	14.0	47.6	0.3	9	0.10
1065162	Drill Core	4.05	0.954	0.5	42.5	1545	1722	9.2	11.6	20.0	69	7.55	3129	985.4	1.1	7	59.5	45.4	0.5	9	0.21
1065163	Drill Core	2.95	>10	0.4	443.5	6084	>10000	>100	8.5	20.5	138	9.80	>10000	10800	0.7	17	242.5	538.4	1.5	11	0.14
1065164	Drill Core	4.37	0.454	0.3	49.2	63.6	1489	1.2	2.7	22.0	4154	5.84	1138	441.7	1.2	19	8.2	19.6	0.3	38	1.93
1065165	Drill Core	5.53	0.016	0.1	57.6	15.1	2012	0.4	4.8	21.2	2091	6.61	140.6	12.2	1.1	39	3.3	21.2	0.3	126	1.28
1065166	Drill Core	6.23	0.010	0.2	59.0	3.3	206	0.1	4.8	18.1	1187	5.47	21.6	7.7	0.8	79	0.3	4.7	0.4	141	2.01
1065167	Drill Core	3.25	0.009	0.3	64.0	4.9	180	0.1	2.4	13.9	822	4.76	49.2	5.3	0.9	38	0.2	5.5	0.4	105	2.00
1065168	Drill Core	5.46	<0.005	0.2	46.4	4.1	604	<0.1	3.7	17.0	1291	5.15	81.5	43.2	1.3	53	1.4	5.2	0.3	118	1.54
1065169	Drill Core	5.92	<0.005	0.3	42.1	8.8	855	0.1	4.2	19.7	1210	5.03	169.7	34.8	0.9	40	1.7	14.6	0.6	86	1.99
1065170	Drill Core	4.10	0.046	0.3	46.4	370.3	3333	1.9	2.9	24.2	5140	5.66	423.0	79.5	1.6	10	25.9	26.5	0.5	35	0.50
1065171	Drill Core	3.96	0.486	0.4	15.9	377.6	936	2.7	2.6	14.9	888	5.23	1057	770.0	1.2	12	12.2	17.3	0.5	8	0.37

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Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000482.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
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	0.9	0.001
1065142	Drill Core	0.020	2	2	0.02	34	<0.001	3	0.21	0.001	0.24	0.1	0.42	2.1	2.4	2.71	1	<0.5	<0.2		
1065143	Rock	0.013	<1	<1	9.93	10	<0.001	<1	0.02	0.001	0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1065144	Drill Core	0.020	1	2	<0.01	45	<0.001	3	0.25	0.001	0.26	0.1	0.40	2.3	1.9	3.27	2	<0.5	0.3		0.023
1065145	Drill Core	0.006	1	3	0.03	34	<0.001	5	0.29	0.002	0.24	<0.1	0.42	2.0	1.5	3.00	1	<0.5	<0.2		
1065146	Drill Core	0.013	5	2	0.03	38	<0.001	4	0.32	0.003	0.26	<0.1	0.23	2.0	1.3	3.20	1	<0.5	<0.2		
1065147	Drill Core	0.006	<1	2	0.02	14	<0.001	6	0.19	0.002	0.15	<0.1	0.75	1.6	1.7	9.68	2	<0.5	<0.2	16.0	0.054
1065148	Drill Core	0.014	1	3	0.02	29	<0.001	7	0.28	0.002	0.28	0.1	0.40	2.0	2.4	4.10	2	<0.5	<0.2		
1065149	Rock Pulp	0.053	7	25	0.73	116	0.139	7	1.80	0.192	0.23	5.2	0.55	2.5	<0.1	0.21	5	7.1	1.9	12.0	
1065150	Drill Core	0.046	3	2	0.17	118	<0.001	6	0.43	0.004	0.36	<0.1	0.09	4.9	1.7	0.52	2	<0.5	<0.2		
1065151	Drill Core	0.074	7	12	1.62	210	0.031	2	1.70	0.040	0.35	<0.1	<0.01	14.2	0.4	0.33	6	<0.5	<0.2		
1065152	Drill Core	0.075	6	8	1.91	203	0.056	2	1.54	0.040	0.55	<0.1	<0.01	14.9	0.4	0.68	7	<0.5	<0.2		
1065153	Drill Core	0.066	5	8	1.09	53	0.005	4	1.03	0.003	0.25	<0.1	0.08	18.0	0.5	1.34	3	0.7	<0.2		
1065154	Drill Core	0.061	3	2	0.56	22	<0.001	4	0.31	0.004	0.22	0.1	0.06	4.2	1.2	4.61	<1	0.6	<0.2		
1065155	Drill Core	0.075	2	2	0.36	38	<0.001	4	0.49	0.003	0.29	0.1	0.06	5.8	1.3	3.87	<1	0.8	<0.2		
1065156	Drill Core	0.065	1	1	0.04	26	<0.001	3	0.42	0.002	0.20	0.2	0.32	1.8	0.9	6.06	<1	0.7	<0.2		
1065157	Drill Core	0.061	1	1	0.10	35	<0.001	3	0.44	0.001	0.20	0.2	0.37	2.3	0.8	5.90	<1	0.7	<0.2		
1065158	Drill Core	0.065	2	1	0.03	43	<0.001	3	0.39	0.005	0.28	0.3	0.13	1.7	0.9	4.46	<1	0.6	<0.2		
1065159	Drill Core	0.093	2	2	0.25	45	<0.001	4	0.49	0.002	0.24	0.3	0.17	5.5	0.7	3.77	<1	0.7	<0.2		
1065160	Drill Core	0.024	2	<1	0.02	25	<0.001	4	0.34	0.002	0.22	0.2	0.16	1.3	1.1	5.35	<1	0.6	<0.2		
1065161	Drill Core	0.044	2	<1	0.03	48	<0.001	4	0.36	0.002	0.22	0.2	0.10	1.7	0.6	3.79	<1	<0.5	<0.2		
1065162	Drill Core	0.076	1	1	0.03	31	<0.001	2	0.31	0.002	0.18	0.1	0.08	2.6	0.8	7.71	<1	0.6	<0.2		
1065163	Drill Core	0.060	<1	<1	0.02	25	<0.001	3	0.34	0.002	0.19	0.2	0.37	1.5	0.9	8.55	<1	1.4	0.3	10.3	0.046
1065164	Drill Core	0.101	3	<1	0.71	37	<0.001	3	0.62	0.002	0.28	0.1	0.09	9.5	1.1	4.46	2	1.0	<0.2		
1065165	Drill Core	0.057	4	3	1.74	144	0.176	1	2.67	0.020	1.22	<0.1	0.01	15.5	0.4	0.65	9	<0.5	<0.2		
1065166	Drill Core	0.059	4	6	1.70	120	0.205	<1	2.75	0.061	1.19	<0.1	<0.01	13.1	0.3	0.77	9	<0.5	0.2		
1065167	Drill Core	0.077	4	1	1.26	69	0.078	1	3.29	0.043	0.46	0.1	<0.01	10.7	0.3	1.25	8	0.7	<0.2		
1065168	Drill Core	0.065	6	3	1.44	229	0.177	2	2.34	0.048	1.04	<0.1	<0.01	13.7	0.3	0.59	8	0.6	<0.2		
1065169	Drill Core	0.077	4	2	1.03	90	0.149	2	2.42	0.065	0.86	0.1	0.01	9.8	0.3	1.27	7	0.6	0.2		
1065170	Drill Core	0.086	8	<1	0.32	88	0.004	4	0.94	0.001	0.32	<0.1	0.07	9.9	0.8	1.12	3	<0.5	<0.2		
1065171	Drill Core	0.085	2	<1	0.09	26	<0.001	4	0.45	0.002	0.28	0.1	0.04	3.8	1.0	4.74	1	0.5	0.2		

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Method		7TD	7TD	7TD
Analyte		Pb	Zn	Ag
Unit		%	%	gm/t
MDL		0.02	0.01	2
1065142	Drill Core			
1065143	Rock			
1065144	Drill Core	0.62	0.12	230
1065145	Drill Core			
1065146	Drill Core			
1065147	Drill Core	0.48	0.45	256
1065148	Drill Core			
1065149	Rock Pulp			
1065150	Drill Core			
1065151	Drill Core			
1065152	Drill Core			
1065153	Drill Core			
1065154	Drill Core			
1065155	Drill Core			
1065156	Drill Core			
1065157	Drill Core			
1065158	Drill Core			
1065159	Drill Core			
1065160	Drill Core			
1065161	Drill Core			
1065162	Drill Core			
1065163	Drill Core	0.64	1.05	200
1065164	Drill Core			
1065165	Drill Core			
1065166	Drill Core			
1065167	Drill Core			
1065168	Drill Core			
1065169	Drill Core			
1065170	Drill Core			
1065171	Drill Core			

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	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
1065172	Drill Core	3.49	0.805	0.2	96.6	2465	5054	13.3	4.6	11.8	2069	4.50	805.5	1136	0.9	14	63.5	25.6	1.0	5	1.10
1065173	Rock	1.20	<0.005	<0.1	1.0	3.0	17	<0.1	0.7	0.5	158	0.42	3.6	<0.5	<0.1	34	0.1	0.1	<0.1	<2	19.61
1065174	Drill Core	4.00	0.140	0.2	10.2	177.7	249	1.2	6.1	5.9	86	3.51	345.2	46.6	1.7	11	4.4	4.7	0.3	3	0.14
1065175	Drill Core	3.44	0.030	0.4	10.9	11.3	714	<0.1	1.8	12.0	743	3.97	63.2	9.2	1.4	34	3.2	5.3	0.8	30	1.09
1065176	Drill Core	6.66	0.009	0.4	7.5	84.7	834	0.8	2.4	12.0	2721	4.57	89.5	21.2	1.6	16	6.1	3.3	0.8	4	1.37
1065177	Drill Core	6.19	0.009	0.7	8.9	13.4	202	<0.1	0.9	10.8	261	3.55	24.4	5.6	1.4	38	1.3	1.7	1.1	22	1.10
1065178	Drill Core	5.90	<0.005	0.2	38.6	4.9	89	<0.1	0.9	10.6	427	4.17	6.0	5.0	0.8	39	0.2	0.9	0.7	36	1.12
1065179	Drill Core	6.42	<0.005	0.2	22.0	3.9	265	<0.1	0.9	6.8	352	3.15	8.0	<0.5	2.3	18	1.2	1.3	0.4	23	0.83
1065180	Drill Core	6.23	<0.005	0.3	13.9	6.3	295	<0.1	1.0	4.9	345	2.40	34.4	1.4	3.1	14	1.8	2.3	0.3	11	0.57
1065181	Drill Core	5.59	<0.005	0.2	11.7	5.5	817	<0.1	1.8	3.4	658	1.95	94.3	1.2	3.7	17	9.3	6.1	0.2	5	1.05
1065182	Drill Core	4.67	0.012	0.4	13.2	15.0	987	0.4	2.8	4.2	616	2.08	341.3	17.5	3.7	35	8.6	19.5	0.4	5	0.16
1065183	Rock Pulp	0.14	0.382	10.3	138.6	7.2	48	0.2	26.7	36.5	497	3.21	1360	399.0	3.0	70	0.2	1.8	4.1	79	1.40
1065184	Drill Core	5.31	<0.005	103.5	8.7	20.9	725	<0.1	2.0	3.7	634	1.74	125.4	7.6	3.0	15	6.8	6.0	0.4	3	0.78
1065185	Drill Core	5.19	<0.005	0.4	11.4	15.6	786	0.1	2.7	3.4	675	2.24	143.2	4.7	2.6	18	17.5	8.0	0.5	3	0.77
1065186	Drill Core	6.92	0.022	0.4	10.4	474.2	1348	2.1	2.0	3.1	1108	2.25	116.0	19.0	3.3	15	19.7	14.9	0.7	<2	0.26
1065187	Drill Core	5.61	0.017	0.6	13.7	337.0	1221	1.6	2.4	3.8	948	1.78	158.3	16.4	2.8	15	23.7	15.9	0.5	<2	0.24
1065188	Drill Core	5.62	<0.005	1.2	13.7	17.2	102	0.4	0.6	0.3	36	0.85	93.4	5.4	9.3	5	0.5	10.7	0.3	<2	0.04
1065189	Drill Core	4.08	<0.005	0.6	10.4	31.6	54	0.4	0.5	0.3	33	0.83	69.2	5.1	6.3	8	0.3	10.7	0.5	<2	0.03
1065190	Drill Core	2.59	0.006	0.4	20.2	13.9	157	0.3	8.2	2.9	185	2.37	36.2	8.5	3.3	41	0.7	5.5	0.4	49	0.31
1065191	Rock	0.91	<0.005	<0.1	<0.1	1.1	11	<0.1	1.3	0.4	172	0.36	<0.5	<0.5	<0.1	34	<0.1	<0.1	<0.1	<2	16.98
1065192	Drill Core	4.23	0.007	1.7	6.3	119.5	64	0.8	0.6	0.3	41	1.73	84.6	5.2	7.0	21	0.3	10.5	0.3	3	0.07
1065193	Drill Core	3.62	0.045	0.8	11.8	513.4	144	1.8	2.2	1.1	89	2.08	135.0	48.9	6.1	21	0.4	26.1	0.3	5	0.07
1065194	Drill Core	3.41	<0.005	1.2	5.6	110.3	49	1.0	0.8	0.6	57	1.41	43.8	5.3	5.3	17	0.2	8.2	0.3	3	0.06
1065195	Drill Core	2.00	<0.005	1.6	4.5	19.9	55	0.2	0.6	0.3	33	1.20	24.1	1.9	3.1	10	0.1	4.4	0.2	<2	0.06
1065196	Drill Core	2.88	0.013	1.3	13.3	85.2	190	1.2	1.8	0.8	122	1.66	115.4	16.1	9.6	7	0.7	9.8	0.2	<2	0.05
1065197	Drill Core	2.93	0.054	1.4	11.9	194.6	262	1.9	1.4	0.9	116	1.49	214.0	56.8	7.4	6	0.9	26.5	0.2	<2	0.03
1065198	Drill Core	3.08	0.035	3.0	20.2	454.0	294	2.0	1.1	0.6	51	2.49	672.1	33.2	9.8	17	3.0	73.1	0.4	<2	0.05
1065199	Drill Core	3.75	0.179	1.5	15.2	822.4	191	2.3	0.9	0.3	49	1.63	331.0	174.1	8.8	17	0.9	40.0	0.5	<2	0.05
1065200	Drill Core	1.62	0.174	2.9	20.4	397.3	753	1.0	4.6	7.5	689	4.44	652.1	193.7	5.2	65	4.9	76.0	0.5	8	0.15
1065201	Drill Core	3.17	0.007	3.7	26.8	68.4	487	0.6	4.8	3.2	490	3.45	416.6	12.0	2.7	66	3.1	38.7	0.4	16	0.16

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Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000482.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
	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	0.9	0.001
1065172	Drill Core	0.061	2	<1	0.30	35	<0.001	4	0.37	0.002	0.21	0.1	0.09	3.0	0.9	4.64	<1	<0.5	<0.2		
1065173	Rock	0.016	<1	<1	11.34	20	0.001	<1	0.03	0.002	0.02	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1065174	Drill Core	0.039	2	4	0.03	31	<0.001	3	0.31	0.002	0.21	<0.1	0.02	1.7	0.5	3.08	<1	0.8	<0.2		
1065175	Drill Core	0.071	5	<1	0.71	24	0.082	2	1.41	0.048	0.54	<0.1	<0.01	7.6	0.3	2.32	5	0.8	0.5		
1065176	Drill Core	0.077	3	<1	0.40	34	<0.001	2	0.40	0.003	0.25	0.1	<0.01	2.9	0.4	4.47	<1	0.9	0.2		
1065177	Drill Core	0.068	5	<1	0.59	18	0.036	1	0.96	0.058	0.28	<0.1	<0.01	5.4	0.2	2.98	4	1.1	0.6		
1065178	Drill Core	0.073	3	<1	0.74	23	0.111	<1	1.41	0.088	0.37	<0.1	<0.01	7.0	0.2	2.38	6	1.0	0.4		
1065179	Drill Core	0.051	7	<1	0.56	30	0.056	<1	1.12	0.055	0.30	<0.1	<0.01	5.1	0.1	1.63	4	0.9	0.2		
1065180	Drill Core	0.030	8	<1	0.27	71	0.013	<1	0.72	0.039	0.18	<0.1	<0.01	2.5	<0.1	1.00	3	<0.5	<0.2		
1065181	Drill Core	0.022	10	<1	0.57	53	0.013	2	0.99	0.004	0.36	<0.1	0.02	2.4	0.2	0.36	3	<0.5	<0.2		
1065182	Drill Core	0.021	9	<1	0.07	102	<0.001	2	0.52	0.004	0.23	<0.1	0.06	2.1	0.4	0.29	1	<0.5	<0.2		
1065183	Rock Pulp	0.055	7	48	0.77	124	0.115	3	1.74	0.195	0.25	0.4	<0.01	2.5	<0.1	0.12	5	1.9	0.7		
1065184	Drill Core	0.028	5	<1	0.25	114	<0.001	3	0.53	0.002	0.17	<0.1	0.01	2.0	0.2	0.82	1	<0.5	<0.2		
1065185	Drill Core	0.037	3	<1	0.24	39	<0.001	4	0.51	0.003	0.18	<0.1	0.02	1.5	0.2	1.67	<1	0.7	0.2		
1065186	Drill Core	0.034	4	<1	0.09	33	<0.001	2	0.30	0.002	0.20	<0.1	0.02	0.9	0.3	2.04	<1	0.6	<0.2		
1065187	Drill Core	0.020	4	<1	0.09	91	<0.001	2	0.45	0.003	0.21	<0.1	0.03	0.9	0.4	1.14	<1	<0.5	<0.2		
1065188	Drill Core	0.006	14	<1	0.02	183	<0.001	2	0.28	0.014	0.15	<0.1	0.01	0.6	0.1	<0.05	<1	<0.5	<0.2		
1065189	Drill Core	0.006	10	<1	0.01	396	<0.001	3	0.23	0.010	0.17	<0.1	<0.01	0.3	0.2	0.09	<1	<0.5	<0.2		
1065190	Drill Core	0.037	8	107	0.69	297	0.054	3	1.03	0.068	0.27	0.2	0.02	9.6	0.3	0.34	4	<0.5	0.5		
1065191	Rock	0.013	<1	<1	11.47	18	<0.001	1	0.01	0.002	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1065192	Drill Core	0.016	11	2	<0.01	224	<0.001	3	0.27	0.009	0.33	0.3	0.02	0.8	0.3	0.34	<1	0.6	<0.2		
1065193	Drill Core	0.017	8	8	0.02	277	<0.001	3	0.35	0.005	0.30	0.2	0.05	2.2	0.5	0.30	<1	<0.5	<0.2		
1065194	Drill Core	0.012	6	5	0.03	257	<0.001	3	0.26	0.006	0.30	0.5	0.02	1.3	0.4	0.36	<1	0.6	<0.2		
1065195	Drill Core	0.007	4	<1	0.02	242	<0.001	3	0.32	0.021	0.20	0.1	<0.01	0.3	0.2	0.22	<1	<0.5	<0.2		
1065196	Drill Core	0.013	15	<1	0.04	177	<0.001	2	0.41	0.007	0.24	0.6	0.02	0.7	0.3	0.10	<1	<0.5	<0.2		
1065197	Drill Core	0.010	16	<1	0.02	431	<0.001	3	0.37	0.003	0.21	0.4	0.03	0.4	0.4	<0.05	<1	<0.5	<0.2		
1065198	Drill Core	0.018	11	<1	0.02	655	<0.001	3	0.41	0.002	0.18	0.2	0.04	0.9	0.3	0.10	<1	<0.5	<0.2		
1065199	Drill Core	0.019	14	<1	0.02	427	<0.001	3	0.40	0.003	0.21	0.2	0.04	0.6	0.5	0.10	<1	<0.5	<0.2		
1065200	Drill Core	0.060	10	<1	0.04	299	<0.001	2	0.50	0.004	0.31	0.3	0.03	3.9	1.3	0.35	1	0.8	<0.2		
1065201	Drill Core	0.050	5	1	0.15	299	0.002	1	0.95	0.005	0.34	0.2	0.03	4.5	0.8	0.33	2	0.6	0.2		

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	Method	7TD	7TD	7TD
	Analyte	Pb	Zn	Ag
	Unit	%	%	gm/t
	MDL	0.02	0.01	2
1065172	Drill Core			
1065173	Rock			
1065174	Drill Core			
1065175	Drill Core			
1065176	Drill Core			
1065177	Drill Core			
1065178	Drill Core			
1065179	Drill Core			
1065180	Drill Core			
1065181	Drill Core			
1065182	Drill Core			
1065183	Rock Pulp			
1065184	Drill Core			
1065185	Drill Core			
1065186	Drill Core			
1065187	Drill Core			
1065188	Drill Core			
1065189	Drill Core			
1065190	Drill Core			
1065191	Rock			
1065192	Drill Core			
1065193	Drill Core			
1065194	Drill Core			
1065195	Drill Core			
1065196	Drill Core			
1065197	Drill Core			
1065198	Drill Core			
1065199	Drill Core			
1065200	Drill Core			
1065201	Drill Core			

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	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
1065202	Drill Core	2.19	0.013	1.5	15.8	242.1	185	1.3	1.8	1.5	341	1.97	257.1	11.1	2.3	39	1.9	23.4	1.1	5	0.08
1065203	Rock Pulp	0.14	>10	8.6	118.8	15.5	53	>100	15.6	11.4	585	3.46	230.0	11994	3.0	70	0.3	8.9	17.0	71	1.59
1065204	Drill Core	2.01	0.205	0.8	19.6	253.4	260	1.6	3.1	2.4	210	3.07	273.9	220.6	1.5	66	1.6	29.5	0.5	43	0.14
1065205	Drill Core	1.41	0.011	1.2	34.4	3.0	228	<0.1	10.7	5.6	249	3.59	99.5	9.1	2.1	24	0.7	4.6	0.4	106	0.42
1065206	Drill Core	2.74	0.006	1.2	39.6	3.1	222	0.1	11.0	6.6	194	3.85	75.1	6.9	3.0	22	0.8	5.0	0.6	98	0.36
1065207	Drill Core	2.92	<0.005	1.7	27.1	3.0	193	<0.1	7.6	5.0	134	3.39	110.8	5.5	2.2	55	0.7	6.1	0.4	59	0.20
1065208	Drill Core	2.60	<0.005	2.1	30.9	3.3	336	<0.1	8.8	5.3	196	4.43	147.7	3.8	2.2	89	1.0	7.0	0.4	59	0.21
1065209	Drill Core	2.27	0.480	0.8	20.9	114.2	140	1.9	1.2	1.1	51	2.61	810.6	532.1	2.8	103	1.3	35.9	0.4	9	0.14
1065210	Drill Core	1.75	0.020	0.4	4.5	17.8	17	0.9	0.4	0.2	24	0.96	64.9	22.9	0.8	40	0.2	5.8	0.4	6	0.10
1065211	Drill Core	2.33	0.017	1.0	17.8	13.6	231	0.8	1.7	1.4	61	4.33	336.3	20.6	1.3	123	1.3	25.6	0.6	16	0.16
1065212	Drill Core	2.08	<0.005	2.1	77.8	4.7	728	0.2	5.7	4.2	194	7.42	725.8	3.4	1.7	169	4.0	27.8	0.5	109	0.39
1065213	Drill Core	1.43	0.005	1.9	74.6	4.4	767	0.1	6.3	4.2	205	7.33	734.1	6.7	1.7	208	3.9	35.6	0.4	103	0.39
1065214	Drill Core	2.05	0.009	1.2	73.5	12.9	585	0.1	7.1	2.6	174	5.45	517.7	7.9	2.0	173	2.5	29.6	0.8	76	0.30
1065215	Drill Core	2.07	0.033	1.7	15.7	54.8	196	1.3	6.0	1.2	72	3.52	489.9	42.2	2.5	166	2.2	59.1	0.5	17	0.16
1065216	Drill Core	1.98	0.917	3.0	8.2	568.5	13	2.9	0.4	0.1	41	1.35	197.9	975.9	1.3	48	0.7	59.7	0.7	5	0.05
1065217	Drill Core	1.52	0.045	1.2	13.6	45.5	5	2.3	0.1	0.2	19	2.42	118.7	48.7	2.5	125	0.2	19.9	1.0	6	0.10
1065218	Drill Core	3.07	0.045	1.7	24.5	36.0	87	0.7	1.0	0.9	72	3.01	278.7	53.7	2.7	140	0.6	34.5	1.5	12	0.18
1065219	Drill Core	2.36	<0.005	1.5	75.6	9.2	538	0.2	4.6	4.2	225	4.99	1025	4.2	3.7	105	1.9	45.9	0.4	63	0.16
1065220	Drill Core	3.24	<0.005	2.5	82.2	11.7	674	0.6	5.6	6.1	209	5.38	1364	10.3	3.5	91	2.4	56.4	0.6	47	0.16
1065221	Drill Core	3.31	<0.005	2.2	58.3	10.2	542	0.1	2.6	3.9	197	5.69	1277	2.4	1.3	133	2.6	74.7	1.2	33	0.17
1065222	Drill Core	2.98	0.031	0.7	15.3	33.9	136	3.0	0.7	1.0	86	2.29	325.3	35.5	1.3	70	0.6	28.9	0.9	12	0.10
1065223	Rock Pulp	0.14	0.379	10.2	139.3	7.6	53	0.2	28.4	36.9	502	3.18	1383	411.9	3.1	78	0.2	2.0	4.5	79	1.30
1065224	Drill Core	3.14	1.573	0.5	54.6	207.8	369	7.6	1.3	1.6	230	1.59	1438	1677	0.8	35	7.8	62.7	0.4	5	0.09
1065225	Drill Core	2.76	0.083	1.1	45.6	45.0	293	5.5	2.4	1.6	142	3.61	1398	95.8	4.7	143	8.9	141.2	0.6	14	0.17
1065226	Drill Core	3.17	>10	0.8	199.3	6352	106	>100	0.4	0.4	29	3.28	>10000	22323	1.4	62	9.7	826.6	0.4	13	0.06
1065227	Drill Core	1.22	>10	0.8	2370	>10000	3650	>100	1.3	1.0	86	4.98	>10000	49828	0.9	19	130.6	>2000	0.4	8	0.04
1065228	Rock	0.92	0.060	<0.1	3.6	33.7	14	2.6	1.5	0.7	193	0.41	37.4	86.3	<0.1	41	0.2	11.8	<0.1	<2	22.05
1065229	Drill Core	2.95	4.756	1.3	155.8	1201	220	>100	0.9	0.5	68	2.37	4674	4178	2.1	55	7.3	311.7	0.3	6	0.10
1065230	Drill Core	3.85	0.175	0.4	7.6	79.6	25	6.6	0.2	0.2	29	1.38	215.9	175.7	2.3	40	0.7	20.8	0.2	4	0.14
1065231	Drill Core	3.15	0.354	3.8	50.8	24.2	241	4.8	5.3	4.1	100	3.18	678.9	375.9	2.3	45	3.0	33.7	0.6	14	0.12

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
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	0.9	0.001
1065202	Drill Core	0.030	5	1	0.03	173	<0.001	2	0.31	0.008	0.32	0.2	0.03	1.6	0.6	0.36	<1	<0.5	1.1		
1065203	Rock Pulp	0.049	7	25	0.71	116	0.126	4	1.69	0.181	0.21	4.3	0.47	2.5	<0.1	0.18	5	5.3	2.4		0.012
1065204	Drill Core	0.052	6	9	0.21	207	0.001	4	0.74	0.047	0.31	1.1	0.06	5.9	0.9	0.43	3	<0.5	<0.2		
1065205	Drill Core	0.073	4	43	0.92	237	0.117	1	1.62	0.074	0.22	<0.1	<0.01	11.4	0.3	0.10	6	<0.5	<0.2		
1065206	Drill Core	0.057	7	37	0.78	147	0.060	2	1.29	0.073	0.16	0.1	<0.01	9.8	0.3	0.12	6	0.6	0.4		
1065207	Drill Core	0.061	6	15	0.41	193	0.025	1	0.99	0.092	0.24	0.1	0.01	6.0	0.3	0.40	3	0.7	<0.2		
1065208	Drill Core	0.093	9	12	0.42	164	0.022	2	1.12	0.129	0.41	<0.1	<0.01	6.6	0.5	0.69	4	0.7	0.3		
1065209	Drill Core	0.037	8	2	0.04	181	<0.001	3	0.34	0.015	0.41	1.0	0.06	3.3	1.0	0.63	<1	<0.5	0.4		
1065210	Drill Core	0.013	4	2	0.03	193	<0.001	2	0.35	0.005	0.29	0.2	0.06	1.0	0.8	0.23	<1	<0.5	0.6		
1065211	Drill Core	0.070	6	3	0.04	124	<0.001	2	0.41	0.013	0.71	0.1	0.03	5.0	1.6	1.10	1	0.7	0.8		
1065212	Drill Core	0.125	6	12	0.59	140	0.046	<1	1.81	0.045	0.80	0.1	0.04	20.0	0.8	0.93	6	0.7	0.3		
1065213	Drill Core	0.118	7	12	0.62	201	0.047	2	1.69	0.048	0.78	0.2	0.04	18.3	0.8	0.89	6	<0.5	<0.2		
1065214	Drill Core	0.099	7	6	0.48	223	0.040	2	1.76	0.054	0.58	0.1	0.03	9.9	1.0	0.65	5	<0.5	<0.2		
1065215	Drill Core	0.057	6	11	0.05	181	<0.001	6	0.26	0.008	0.44	0.4	0.02	4.9	1.4	0.69	2	<0.5	0.2		
1065216	Drill Core	0.017	5	3	0.03	140	<0.001	6	0.20	0.007	0.31	0.4	0.06	0.8	1.5	0.35	<1	1.6	0.4		
1065217	Drill Core	0.025	4	3	0.03	139	<0.001	7	0.17	0.010	0.55	0.2	0.06	1.1	2.1	0.90	1	1.8	1.5		
1065218	Drill Core	0.038	6	3	0.05	142	<0.001	6	0.27	0.008	0.58	0.2	0.10	3.6	1.6	0.93	1	1.4	1.0		
1065219	Drill Core	0.099	6	10	0.04	173	<0.001	2	0.43	0.009	0.47	0.1	0.11	22.3	1.3	0.80	1	0.7	<0.2		
1065220	Drill Core	0.092	7	7	0.04	165	<0.001	3	0.45	0.007	0.46	0.2	0.04	19.5	0.7	0.69	1	1.0	0.2		
1065221	Drill Core	0.096	6	5	0.05	136	<0.001	3	0.44	0.014	0.63	0.3	0.13	14.1	1.3	1.13	2	1.3	<0.2		
1065222	Drill Core	0.028	7	3	0.03	160	<0.001	5	0.30	0.006	0.42	0.2	0.18	4.7	1.4	0.57	1	1.7	<0.2		
1065223	Rock Pulp	0.060	6	46	0.79	135	0.120	3	1.74	0.199	0.27	0.4	<0.01	2.3	<0.1	0.13	5	1.7	0.7		
1065224	Drill Core	0.014	2	9	0.03	99	<0.001	5	0.15	0.003	0.24	0.2	0.43	2.6	1.9	0.92	<1	1.6	<0.2		
1065225	Drill Core	0.041	9	4	0.04	108	<0.001	4	0.34	0.005	0.47	0.2	0.03	5.3	0.9	0.70	2	0.7	0.2		
1065226	Drill Core	0.047	4	6	0.02	142	0.001	7	0.22	0.005	0.52	<0.1	0.61	4.2	1.5	1.09	2	1.9	0.3		0.021
1065227	Drill Core	0.023	<1	6	0.01	64	0.001	5	0.18	0.002	0.36	0.1	1.56	4.1	2.3	3.72	2	2.7	<0.2		0.239
1065228	Rock	0.014	<1	<1	10.75	12	<0.001	<1	0.02	0.001	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1065229	Drill Core	0.027	6	4	0.01	138	<0.001	6	0.22	0.003	0.34	0.1	0.23	2.8	1.3	0.59	1	0.9	<0.2		
1065230	Drill Core	0.013	7	3	0.08	112	<0.001	4	0.18	0.003	0.32	<0.1	0.11	0.8	1.3	0.44	<1	0.7	<0.2		
1065231	Drill Core	0.037	7	4	0.03	76	<0.001	3	0.30	0.003	0.31	0.2	0.11	3.8	1.6	0.96	1	1.3	0.3		

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000482.2

		Method	7TD	7TD	7TD
		Analyte	Pb	Zn	Ag
		Unit	%	%	gm/t
		MDL	0.02	0.01	2
1065202	Drill Core				
1065203	Rock Pulp		<0.02	<0.01	178
1065204	Drill Core				
1065205	Drill Core				
1065206	Drill Core				
1065207	Drill Core				
1065208	Drill Core				
1065209	Drill Core				
1065210	Drill Core				
1065211	Drill Core				
1065212	Drill Core				
1065213	Drill Core				
1065214	Drill Core				
1065215	Drill Core				
1065216	Drill Core				
1065217	Drill Core				
1065218	Drill Core				
1065219	Drill Core				
1065220	Drill Core				
1065221	Drill Core				
1065222	Drill Core				
1065223	Rock Pulp				
1065224	Drill Core				
1065225	Drill Core				
1065226	Drill Core		0.66	0.01	>300
1065227	Drill Core		2.19	0.33	>300
1065228	Rock				
1065229	Drill Core				
1065230	Drill Core				
1065231	Drill Core				

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CERTIFICATE OF ANALYSIS WHI11000482.2

	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
1065232	Drill Core	3.76	0.156	1.4	74.3	9.5	251	0.6	7.9	5.5	113	3.40	843.0	168.1	2.1	34	5.5	31.9	0.7	20	0.15
1065233	Drill Core	2.24	0.012	1.0	49.1	9.1	281	0.6	9.1	5.5	97	2.31	642.4	24.9	2.6	27	12.5	21.0	0.3	19	0.15
1065234	Drill Core	2.14	3.370	1.7	296.2	893.0	409	>100	2.9	1.7	77	2.01	2973	3736	1.8	32	21.3	157.9	2.0	8	0.09
1065235	Drill Core	2.55	0.461	1.5	36.8	22.9	404	3.4	3.7	2.3	100	3.64	1604	508.9	3.0	56	1.9	80.7	1.1	24	0.09
1065236	Drill Core	2.77	0.207	2.0	18.5	67.0	509	7.2	3.4	1.4	81	2.80	978.5	246.9	1.8	45	1.5	65.3	0.3	14	0.11
1065237	Drill Core	1.39	0.484	0.9	5.6	110.9	24	2.5	0.3	1.1	30	0.68	131.4	526.0	1.5	22	0.5	24.4	0.2	6	0.09
1065238	Drill Core	2.11	2.230	1.9	40.5	2348	25	40.6	0.3	0.1	33	1.23	754.7	2604	1.4	53	2.2	165.0	0.6	7	0.10
1065239	Drill Core	2.88	0.218	2.9	20.9	169.8	227	2.3	1.2	0.5	69	3.28	1458	259.1	2.3	140	3.5	48.6	0.8	25	0.15
1065240	Drill Core	3.11	0.064	2.2	79.4	57.2	504	2.4	9.8	5.6	164	3.65	1017	73.4	2.3	51	3.6	39.8	4.1	27	0.10
1065241	Drill Core	3.28	<0.005	1.2	88.9	13.0	188	0.3	8.5	7.8	534	3.16	467.0	6.4	4.0	24	0.9	41.1	2.6	38	0.62
1065242	Drill Core	3.38	0.026	0.8	75.6	14.3	108	0.9	5.0	9.4	1761	4.29	285.5	33.5	3.6	30	0.8	30.6	1.7	12	2.29
1065243	Rock Pulp	0.14	>10	8.0	124.1	18.4	59	>100	16.9	11.6	586	3.52	231.9	12716	3.0	70	0.3	8.6	16.9	70	1.56
1065244	Drill Core	5.10	0.071	0.9	48.0	33.9	235	0.9	5.0	6.7	1374	3.13	288.2	90.0	3.3	16	1.7	26.4	1.9	15	1.06
1065245	Drill Core	3.54	0.012	1.6	84.8	9.4	325	0.4	6.9	14.5	1741	4.91	371.0	17.8	4.4	21	1.3	34.2	7.4	51	1.06
1065246	Drill Core	2.78	<0.005	0.9	64.3	18.9	340	0.2	9.6	8.2	1084	3.94	360.5	4.6	2.4	23	3.3	24.5	4.1	30	1.32
1065247	Drill Core	5.27	<0.005	0.6	83.4	5.4	395	0.3	8.5	6.6	750	3.54	647.2	1.6	4.0	12	2.6	16.3	2.5	24	0.40
1065248	Drill Core	2.58	0.010	1.2	75.5	66.4	322	0.9	4.6	3.3	143	3.10	773.4	16.8	4.2	26	3.1	26.1	3.6	19	0.58
1065249	Drill Core	4.66	0.147	0.8	195.6	251.7	1897	4.7	8.4	14.9	2912	3.60	541.1	207.3	2.7	21	13.1	66.2	7.0	4	1.37
1065250	Drill Core	3.56	0.177	0.5	32.9	447.7	145	5.4	0.6	0.3	28	1.94	465.3	193.5	2.1	50	1.6	66.6	1.8	4	0.11
1065251	Drill Core	3.11	0.106	2.6	19.7	1669	61	6.5	0.4	0.1	24	1.30	230.5	115.4	1.9	47	1.4	92.5	1.7	3	0.08
1065252	Drill Core	3.73	1.232	0.7	87.8	4306	94	17.8	0.8	0.4	24	1.46	781.4	888.0	2.0	31	7.4	252.8	0.9	3	0.04
1065253	Drill Core	3.72	0.280	1.5	69.4	1476	42	5.3	0.5	0.2	28	1.34	275.5	475.8	1.9	33	3.7	165.5	1.4	3	0.08
1065254	Drill Core	2.82	0.135	2.1	33.9	1262	69	4.8	0.3	0.2	35	1.72	225.5	183.5	2.3	91	4.6	168.5	1.9	3	0.09
1065255	Drill Core	1.44	0.754	0.9	23.1	1429	72	5.3	0.4	0.2	32	1.76	228.1	3313	1.1	86	3.5	142.8	2.7	4	0.08
1065256	Drill Core	3.45	2.606	1.4	54.6	6418	47	27.9	0.6	0.5	24	1.96	484.6	1482	1.6	30	4.8	173.3	0.4	4	0.05
1065257	Drill Core	1.97	>10	2.6	511.1	>10000	147	>100	1.7	1.2	47	4.27	4883	16621	2.1	29	23.1	1154	1.1	7	0.02
1065258	Drill Core	2.58	>10	1.7	337.7	>10000	111	97.4	2.5	1.5	63	3.89	4255	5639	1.3	31	25.3	>2000	0.7	7	0.03
1065259	Rock	1.20	0.018	0.1	0.9	37.8	13	0.3	0.7	0.5	165	0.39	9.9	24.2	<0.1	36	<0.1	3.8	<0.1	<2	17.16
1065260	Drill Core	2.23	6.415	3.4	36.4	4275	179	16.5	2.6	1.3	24	2.31	241.1	7172	2.0	38	9.3	233.1	1.8	5	0.07
1065261	Drill Core	2.34	0.020	4.6	19.1	135.5	168	2.5	2.1	0.6	52	1.97	239.7	41.0	2.0	75	0.6	71.6	1.5	4	0.12

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Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000482.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
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	0.9	0.001
1065232	Drill Core	0.057	7	5	0.03	90	<0.001	2	0.39	0.004	0.31	<0.1	0.12	6.6	0.7	1.12	<1	1.1	0.3		
1065233	Drill Core	0.064	8	5	0.02	84	0.001	2	0.64	0.001	0.19	0.1	0.05	5.9	0.6	0.84	<1	0.7	<0.2		
1065234	Drill Core	0.030	6	5	0.02	126	<0.001	2	0.24	0.003	0.22	0.1	0.23	4.4	1.0	0.50	<1	0.5	0.7		
1065235	Drill Core	0.056	9	5	0.02	195	<0.001	2	0.40	0.006	0.33	0.1	0.12	9.2	0.5	0.52	1	1.4	0.2		
1065236	Drill Core	0.038	7	3	0.02	130	<0.001	2	0.29	0.005	0.29	0.1	0.09	3.2	0.6	0.36	1	0.5	<0.2		
1065237	Drill Core	0.007	8	2	0.02	106	<0.001	5	0.26	0.001	0.26	<0.1	0.05	0.9	0.8	0.23	1	0.6	<0.2		
1065238	Drill Core	0.021	6	2	0.02	290	<0.001	6	0.21	0.003	0.29	<0.1	0.23	1.8	1.1	0.41	1	1.5	<0.2		
1065239	Drill Core	0.041	5	4	0.03	178	<0.001	3	0.36	0.006	0.25	0.1	0.03	3.2	1.1	0.46	2	0.9	0.4		
1065240	Drill Core	0.069	8	4	0.02	151	<0.001	2	0.45	0.003	0.23	<0.1	0.11	7.2	0.5	0.37	<1	1.1	0.4		
1065241	Drill Core	0.076	13	5	0.14	131	0.002	<1	0.61	0.002	0.08	<0.1	0.15	10.8	<0.1	0.87	1	1.2	0.5		
1065242	Drill Core	0.122	6	2	0.55	28	<0.001	2	0.41	0.001	0.20	0.2	0.11	4.6	0.7	3.29	<1	1.0	0.3		
1065243	Rock Pulp	0.050	7	24	0.74	113	0.120	3	1.72	0.193	0.21	4.3	0.49	2.3	<0.1	0.18	5	5.4	2.8		
1065244	Drill Core	0.047	9	4	0.23	53	<0.001	<1	0.41	0.002	0.11	0.1	0.08	6.3	0.5	1.99	<1	1.0	0.3		
1065245	Drill Core	0.139	12	4	0.31	26	0.001	<1	0.66	0.001	0.08	0.1	0.22	13.5	0.3	2.31	1	0.8	0.4		
1065246	Drill Core	0.057	13	5	0.41	32	0.004	<1	0.46	0.002	0.09	0.1	0.07	8.5	0.2	2.49	1	1.0	0.4		
1065247	Drill Core	0.054	10	6	0.42	159	0.049	<1	1.05	0.015	0.28	0.2	0.02	9.1	0.2	0.72	4	<0.5	0.4		
1065248	Drill Core	0.060	12	3	0.17	157	0.008	<1	0.88	0.007	0.23	<0.1	0.06	8.5	0.3	0.68	3	<0.5	0.5		
1065249	Drill Core	0.045	6	2	0.16	27	<0.001	1	0.45	0.002	0.16	0.2	0.10	5.3	0.3	2.38	<1	0.7	0.8		
1065250	Drill Core	0.025	7	5	0.02	227	<0.001	2	0.20	0.005	0.28	<0.1	0.08	1.6	0.6	0.39	<1	0.8	0.3		
1065251	Drill Core	0.027	7	4	0.01	126	<0.001	4	0.18	0.007	0.31	0.1	0.07	0.7	0.8	0.40	<1	1.2	0.2		
1065252	Drill Core	0.037	4	6	0.01	173	<0.001	3	0.20	0.003	0.30	0.1	0.20	1.3	1.1	0.60	<1	1.3	0.3		
1065253	Drill Core	0.025	5	5	0.01	204	<0.001	1	0.21	0.003	0.35	0.2	0.09	1.0	1.2	0.48	<1	1.9	0.3		
1065254	Drill Core	0.027	6	5	0.02	194	<0.001	6	0.19	0.004	0.39	0.3	0.06	0.9	1.2	0.56	<1	2.0	0.3		
1065255	Drill Core	0.027	5	5	0.01	140	<0.001	5	0.16	0.006	0.34	0.4	0.09	1.0	1.1	0.52	<1	2.2	0.5		
1065256	Drill Core	0.034	2	8	<0.01	115	0.001	5	0.17	0.003	0.34	0.2	0.27	0.7	1.3	0.92	1	1.1	0.3		
1065257	Drill Core	0.059	1	10	<0.01	34	<0.001	1	0.13	0.002	0.13	0.1	0.56	8.7	0.8	3.42	2	2.3	1.3		0.049
1065258	Drill Core	0.033	<1	10	<0.01	50	<0.001	2	0.15	0.002	0.19	<0.1	0.38	4.2	1.2	3.16	1	2.5	0.6		
1065259	Rock	0.016	<1	<1	11.35	10	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1065260	Drill Core	0.030	4	7	0.01	93	0.001	2	0.19	0.003	0.35	0.2	0.16	0.9	0.9	1.43	1	2.2	0.3		
1065261	Drill Core	0.022	8	5	0.03	93	<0.001	5	0.21	0.003	0.29	0.2	0.03	0.9	0.6	0.35	<1	1.6	0.4		

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	Method	7TD	7TD	7TD
	Analyte	Pb	Zn	Ag
	Unit	%	%	gm/t
	MDL	0.02	0.01	2
1065232	Drill Core			
1065233	Drill Core			
1065234	Drill Core			
1065235	Drill Core			
1065236	Drill Core			
1065237	Drill Core			
1065238	Drill Core			
1065239	Drill Core			
1065240	Drill Core			
1065241	Drill Core			
1065242	Drill Core			
1065243	Rock Pulp			
1065244	Drill Core			
1065245	Drill Core			
1065246	Drill Core			
1065247	Drill Core			
1065248	Drill Core			
1065249	Drill Core			
1065250	Drill Core			
1065251	Drill Core			
1065252	Drill Core			
1065253	Drill Core			
1065254	Drill Core			
1065255	Drill Core			
1065256	Drill Core			
1065257	Drill Core	2.15	0.02	116
1065258	Drill Core			
1065259	Rock			
1065260	Drill Core			
1065261	Drill Core			

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000482.2

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
1065262	Drill Core	4.71	0.025	1.5	18.3	306.9	154	2.0	1.7	1.0	49	1.52	196.9	38.8	4.2	58	2.4	12.1	0.6	3	0.09
1065263	Drill Core	4.92	0.032	2.0	23.0	286.3	207	1.1	1.1	1.1	40	1.23	134.1	52.3	3.3	24	4.2	6.3	0.5	<2	0.05
1065264	Drill Core	3.17	0.017	2.1	14.5	253.6	103	1.3	2.6	2.6	50	2.16	130.6	51.7	2.7	35	0.5	4.0	1.3	3	0.08
1065265	Drill Core	5.03	0.021	3.6	44.4	130.0	252	1.4	3.0	5.1	627	2.97	169.8	51.8	4.1	16	4.1	7.4	1.3	3	0.50
1065266	Drill Core	5.91	<0.005	1.9	70.2	17.2	132	0.5	5.6	4.3	705	2.53	89.8	7.5	2.9	10	2.1	12.5	0.9	4	0.75
1065267	Drill Core	5.58	<0.005	3.1	81.3	6.6	331	0.2	12.7	10.3	875	3.34	222.2	4.0	2.6	9	2.6	17.3	0.7	26	0.78
1065268	Drill Core	2.53	<0.005	5.1	96.3	7.5	405	0.3	14.5	12.5	1027	3.64	273.8	5.6	3.0	10	3.3	21.7	0.7	35	0.90
1065269	Drill Core	6.10	<0.005	9.3	69.5	5.0	170	0.3	9.7	11.9	1223	3.98	103.3	7.6	2.5	31	1.7	11.8	1.0	15	2.09
1065270	Drill Core	5.31	<0.005	4.7	70.1	5.3	214	0.5	8.3	10.9	1669	3.22	110.2	4.2	2.8	36	3.3	11.3	0.6	13	2.61
1065271	Drill Core	2.33	<0.005	1.6	88.6	20.2	282	0.6	7.3	10.1	3050	2.99	256.9	12.5	3.0	28	6.8	16.5	0.4	14	2.05
1065272	Drill Core	2.22	0.051	1.9	35.1	33.6	285	1.0	7.4	10.3	5291	3.17	213.8	51.6	2.5	46	1.6	11.7	0.7	7	2.29
1065273	Drill Core	3.31	0.043	4.5	9.9	17.7	102	0.6	4.9	7.5	3853	2.79	378.5	46.1	1.4	37	0.3	10.9	0.4	7	2.23
1065274	Drill Core	3.04	0.106	6.6	51.2	106.7	178	1.4	8.7	7.0	2416	2.25	419.7	104.9	1.4	27	1.1	16.9	1.1	7	1.96
1065275	Drill Core	2.18	0.158	1.3	34.9	56.1	369	3.2	9.7	8.2	3181	2.87	1249	164.7	1.5	20	6.1	22.9	0.6	8	1.68
1065276	Drill Core	1.37	0.064	38.9	43.4	243.7	3148	2.0	8.3	17.0	6012	3.19	416.2	63.3	1.3	8	21.3	30.1	0.3	6	0.67
1065277	Drill Core	3.47	0.056	14.9	91.7	90.2	359	7.4	7.9	11.8	817	5.02	330.0	57.6	0.9	9	1.8	54.4	0.8	6	0.18
1065278	Drill Core	2.54	0.025	20.1	80.3	46.8	3854	4.3	11.6	15.8	5687	2.79	317.2	30.6	2.0	5	24.2	29.5	0.5	6	0.24
1065279	Rock Pulp	0.14	0.418	10.3	137.4	6.6	55	0.2	27.1	35.9	511	3.27	1351	402.8	2.8	67	0.1	1.7	3.7	81	1.38
1065280	Drill Core	1.57	0.350	61.9	50.5	28.4	210	10.9	6.6	8.1	64	3.27	692.9	374.7	3.5	37	5.5	38.7	0.6	5	0.12
1065281	Drill Core	2.03	2.043	27.0	76.8	259.0	351	12.8	3.8	3.7	75	1.97	879.3	2079	7.2	13	3.8	24.1	0.3	5	0.10
1065282	Drill Core	5.45	0.033	215.8	65.6	59.3	632	0.8	6.1	4.7	2070	1.91	206.5	40.1	15.4	13	10.8	20.1	0.3	3	1.02
1065283	Drill Core	4.88	<0.005	659.0	52.0	37.1	163	1.4	3.3	4.8	2188	1.68	158.8	16.8	15.6	14	3.0	23.2	0.2	3	1.11
1065284	Drill Core	2.49	0.009	64.6	62.1	75.8	266	1.4	5.6	9.2	2753	1.88	155.8	14.2	12.7	16	4.8	28.9	0.4	4	1.27
1065285	Drill Core	2.79	0.032	19.4	170.1	49.8	4411	9.5	18.5	25.6	7622	4.32	569.4	37.0	3.2	22	14.3	105.7	0.6	<2	0.66
1065286	Drill Core	1.71	0.647	266.9	15.1	324.8	200	5.3	2.7	2.7	88	2.30	598.8	648.6	1.4	49	3.1	75.0	0.5	3	0.08
1065287	Drill Core	1.60	4.253	15.1	75.6	1326	5645	8.6	6.4	7.9	>10000	4.03	2211	4540	2.2	67	74.0	390.6	0.2	<2	1.43
1065288	Drill Core	2.31	4.901	6.7	805.1	4858	363	>100	3.1	3.9	178	3.27	8928	5861	2.0	59	41.7	1604	0.6	5	0.19
1065289	Rock	1.19	0.011	<0.1	0.9	5.2	18	<0.1	0.5	0.8	225	0.40	9.3	10.7	<0.1	41	0.1	1.5	<0.1	<2	20.41

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000482.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
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	0.9	0.001
1065262	Drill Core	0.022	11	5	0.02	281	<0.001	4	0.24	0.002	0.30	0.2	0.05	1.9	0.4	0.31	<1	1.7	<0.2		
1065263	Drill Core	0.014	10	5	0.02	88	<0.001	4	0.23	0.002	0.22	0.1	0.02	0.5	0.4	0.26	<1	1.3	<0.2		
1065264	Drill Core	0.027	7	5	0.02	74	<0.001	3	0.28	0.004	0.29	0.2	0.02	0.9	0.4	0.95	<1	1.6	<0.2		
1065265	Drill Core	0.034	7	7	0.15	61	<0.001	2	0.39	0.003	0.27	0.4	0.02	1.8	0.3	2.00	<1	1.2	<0.2		
1065266	Drill Core	0.037	6	7	0.20	58	<0.001	<1	0.37	0.001	0.19	0.7	0.07	2.2	0.3	2.01	<1	1.7	<0.2		
1065267	Drill Core	0.061	6	7	0.23	35	<0.001	<1	0.59	<0.001	0.15	0.2	0.07	4.8	0.1	2.04	<1	2.1	<0.2		
1065268	Drill Core	0.074	8	7	0.26	32	<0.001	<1	0.67	<0.001	0.16	0.2	0.11	6.4	0.2	1.92	1	1.4	<0.2		
1065269	Drill Core	0.079	4	5	0.63	45	<0.001	1	0.40	0.002	0.23	0.3	0.05	3.6	0.3	3.12	<1	1.6	0.3		
1065270	Drill Core	0.061	4	6	0.82	42	<0.001	2	0.41	0.001	0.23	0.1	0.07	4.3	0.4	1.72	<1	1.4	<0.2		
1065271	Drill Core	0.054	4	4	0.69	39	<0.001	<1	0.44	0.001	0.19	0.2	0.06	4.6	0.5	1.91	<1	0.8	<0.2		
1065272	Drill Core	0.047	3	3	0.73	53	<0.001	<1	0.31	0.002	0.17	0.2	0.07	3.4	0.4	2.17	<1	1.4	<0.2		
1065273	Drill Core	0.037	3	3	0.66	40	<0.001	<1	0.33	0.002	0.14	<0.1	0.19	2.7	2.1	2.53	<1	1.0	<0.2		
1065274	Drill Core	0.039	3	3	0.53	38	<0.001	<1	0.32	0.002	0.13	0.1	0.08	2.6	0.8	1.82	<1	0.6	<0.2		
1065275	Drill Core	0.029	2	5	0.53	45	<0.001	<1	0.22	0.001	0.14	0.2	0.14	2.2	1.1	2.15	<1	1.1	0.4		
1065276	Drill Core	0.046	3	3	0.22	37	<0.001	<1	0.26	0.002	0.15	0.2	0.07	2.6	0.5	2.04	<1	1.1	<0.2		
1065277	Drill Core	0.028	3	4	0.05	28	<0.001	<1	0.26	<0.001	0.16	0.1	0.16	2.2	0.6	5.04	1	2.2	0.6		
1065278	Drill Core	0.057	7	2	0.05	70	<0.001	<1	0.33	<0.001	0.17	0.1	0.05	3.2	0.6	2.07	<1	1.0	<0.2		
1065279	Rock Pulp	0.055	6	49	0.77	123	0.124	3	1.73	0.182	0.26	0.4	<0.01	2.5	<0.1	0.13	5	1.5	0.6		
1065280	Drill Core	0.016	10	2	0.03	47	<0.001	1	0.26	0.001	0.20	0.1	0.08	2.2	0.9	2.70	1	1.7	<0.2		
1065281	Drill Core	0.021	16	3	0.02	61	<0.001	2	0.30	<0.001	0.20	0.1	0.06	1.4	0.7	1.16	<1	0.8	<0.2		
1065282	Drill Core	0.042	26	4	0.27	85	<0.001	<1	0.34	0.001	0.21	0.2	0.03	1.2	0.4	1.43	<1	1.3	<0.2		
1065283	Drill Core	0.040	26	3	0.33	78	<0.001	3	0.31	0.001	0.20	0.3	0.05	1.2	0.4	1.33	<1	1.2	<0.2		
1065284	Drill Core	0.043	22	3	0.39	62	<0.001	<1	0.31	0.001	0.19	0.1	0.03	1.6	0.4	1.53	<1	1.4	<0.2		
1065285	Drill Core	0.061	6	4	0.20	29	<0.001	3	0.34	0.001	0.17	0.1	0.09	2.5	0.3	2.83	1	3.1	0.2		
1065286	Drill Core	0.018	3	3	0.02	47	<0.001	3	0.22	<0.001	0.19	0.3	0.03	1.3	0.4	1.26	<1	1.6	<0.2		
1065287	Drill Core	0.016	4	4	0.39	23	<0.001	2	0.29	0.002	0.12	0.2	0.09	1.9	0.9	2.99	1	0.7	<0.2		
1065288	Drill Core	0.015	4	4	0.03	38	<0.001	4	0.22	0.002	0.18	0.1	0.40	1.5	1.7	2.56	2	1.4	0.2		0.075
1065289	Rock	0.017	<1	<1	11.39	10	<0.001	<1	0.02	0.002	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		

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Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000482.2

		Method	7TD	7TD	7TD
		Analyte	Pb	Zn	Ag
		Unit	%	%	gm/t
		MDL	0.02	0.01	2
1065262	Drill Core				
1065263	Drill Core				
1065264	Drill Core				
1065265	Drill Core				
1065266	Drill Core				
1065267	Drill Core				
1065268	Drill Core				
1065269	Drill Core				
1065270	Drill Core				
1065271	Drill Core				
1065272	Drill Core				
1065273	Drill Core				
1065274	Drill Core				
1065275	Drill Core				
1065276	Drill Core				
1065277	Drill Core				
1065278	Drill Core				
1065279	Rock Pulp				
1065280	Drill Core				
1065281	Drill Core				
1065282	Drill Core				
1065283	Drill Core				
1065284	Drill Core				
1065285	Drill Core				
1065286	Drill Core				
1065287	Drill Core				
1065288	Drill Core		0.49	0.03	>300
1065289	Rock				

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QUALITY CONTROL REPORT WHI11000482.2

	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																					
1065135	Drill Core	3.36	0.698	0.7	28.5	2770	146	39.1	1.5	0.6	72	3.34	1130	708.6	1.4	90	6.1	243.4	26.0	14	0.10
REP 1065135	QC			0.8	28.6	2732	146	39.1	1.4	0.7	70	3.34	1121	751.5	1.3	88	6.2	252.1	27.1	14	0.11
1065154	Drill Core	3.39	0.227	0.6	46.7	43.3	4449	1.3	21.4	34.2	8712	6.09	713.4	308.2	1.4	25	20.3	50.1	0.3	7	1.58
REP 1065154	QC		0.233																		
1065163	Drill Core	2.95	>10	0.4	443.5	6084	>10000	>100	8.5	20.5	138	9.80	>10000	10800	0.7	17	242.5	538.4	1.5	11	0.14
REP 1065163	QC																				
1065174	Drill Core	4.00	0.140	0.2	10.2	177.7	249	1.2	6.1	5.9	86	3.51	345.2	46.6	1.7	11	4.4	4.7	0.3	3	0.14
REP 1065174	QC			0.2	10.3	173.8	245	1.2	6.0	5.9	82	3.49	339.9	47.9	1.7	11	4.2	4.9	0.3	3	0.10
1065184	Drill Core	5.31	<0.005	103.5	8.7	20.9	725	<0.1	2.0	3.7	634	1.74	125.4	7.6	3.0	15	6.8	6.0	0.4	3	0.78
REP 1065184	QC		<0.005																		
1065211	Drill Core	2.33	0.017	1.0	17.8	13.6	231	0.8	1.7	1.4	61	4.33	336.3	20.6	1.3	123	1.3	25.6	0.6	16	0.16
REP 1065211	QC		0.017																		
1065216	Drill Core	1.98	0.917	3.0	8.2	568.5	13	2.9	0.4	0.1	41	1.35	197.9	975.9	1.3	48	0.7	59.7	0.7	5	0.05
REP 1065216	QC		0.933																		
1065219	Drill Core	2.36	<0.005	1.5	75.6	9.2	538	0.2	4.6	4.2	225	4.99	1025	4.2	3.7	105	1.9	45.9	0.4	63	0.16
REP 1065219	QC			1.6	75.8	9.6	528	0.2	4.8	4.2	228	5.01	1022	2.4	3.8	107	2.1	51.2	0.4	64	0.15
1065266	Drill Core	5.91	<0.005	1.9	70.2	17.2	132	0.5	5.6	4.3	705	2.53	89.8	7.5	2.9	10	2.1	12.5	0.9	4	0.75
REP 1065266	QC		<0.005																		
1065273	Drill Core	3.31	0.043	4.5	9.9	17.7	102	0.6	4.9	7.5	3853	2.79	378.5	46.1	1.4	37	0.3	10.9	0.4	7	2.23
REP 1065273	QC			4.4	10.4	17.3	103	0.6	4.7	7.4	3840	2.85	384.8	45.9	1.4	36	0.4	11.0	0.4	7	2.24
Core Reject Duplicates																					
1065136	Drill Core	1.75	0.597	0.7	30.9	2771	127	36.1	1.4	0.5	78	2.78	1005	600.9	1.4	71	7.0	263.8	24.7	13	0.10
DUP 1065136	QC		0.612	0.7	30.6	2854	125	36.3	1.3	0.6	73	2.99	1063	648.3	1.5	77	6.9	280.5	26.1	13	0.11
1065171	Drill Core	3.96	0.486	0.4	15.9	377.6	936	2.7	2.6	14.9	888	5.23	1057	770.0	1.2	12	12.2	17.3	0.5	8	0.37
DUP 1065171	QC		1.156	0.5	15.2	360.3	858	3.1	2.6	16.4	824	5.74	1048	1276	1.2	13	10.8	19.0	0.5	7	0.34
1065206	Drill Core	2.74	0.006	1.2	39.6	3.1	222	0.1	11.0	6.6	194	3.85	75.1	6.9	3.0	22	0.8	5.0	0.6	98	0.36
DUP 1065206	QC		<0.005	1.2	41.4	2.7	227	0.1	10.8	6.7	202	3.93	77.0	7.6	3.0	23	0.9	5.0	0.5	101	0.38
1065241	Drill Core	3.28	<0.005	1.2	88.9	13.0	188	0.3	8.5	7.8	534	3.16	467.0	6.4	4.0	24	0.9	41.1	2.6	38	0.62

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000482.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
	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	0.9	0.001
Pulp Duplicates																					
1065135	Drill Core	0.070	4	3	0.02	161	<0.001	5	0.31	0.008	0.64	0.1	0.23	1.2	4.0	1.03	1	1.1	6.6		
REP 1065135	QC	0.068	4	4	0.02	149	<0.001	6	0.30	0.007	0.70	0.1	0.23	1.1	4.1	1.01	1	1.2	6.8		
1065154	Drill Core	0.061	3	2	0.56	22	<0.001	4	0.31	0.004	0.22	0.1	0.06	4.2	1.2	4.61	<1	0.6	<0.2		
REP 1065154	QC																				
1065163	Drill Core	0.060	<1	<1	0.02	25	<0.001	3	0.34	0.002	0.19	0.2	0.37	1.5	0.9	8.55	<1	1.4	0.3	10.3	0.046
REP 1065163	QC																			10.0	
1065174	Drill Core	0.039	2	4	0.03	31	<0.001	3	0.31	0.002	0.21	<0.1	0.02	1.7	0.5	3.08	<1	0.8	<0.2		
REP 1065174	QC	0.039	3	3	0.03	31	<0.001	3	0.32	0.002	0.20	<0.1	0.02	1.6	0.6	3.07	<1	0.7	<0.2		
1065184	Drill Core	0.028	5	<1	0.25	114	<0.001	3	0.53	0.002	0.17	<0.1	0.01	2.0	0.2	0.82	1	<0.5	<0.2		
REP 1065184	QC																				
1065211	Drill Core	0.070	6	3	0.04	124	<0.001	2	0.41	0.013	0.71	0.1	0.03	5.0	1.6	1.10	1	0.7	0.8		
REP 1065211	QC																				
1065216	Drill Core	0.017	5	3	0.03	140	<0.001	6	0.20	0.007	0.31	0.4	0.06	0.8	1.5	0.35	<1	1.6	0.4		
REP 1065216	QC																				
1065219	Drill Core	0.099	6	10	0.04	173	<0.001	2	0.43	0.009	0.47	0.1	0.11	22.3	1.3	0.80	1	0.7	<0.2		
REP 1065219	QC	0.100	6	10	0.04	187	<0.001	3	0.44	0.009	0.47	0.1	0.11	22.8	1.3	0.80	1	0.6	<0.2		
1065266	Drill Core	0.037	6	7	0.20	58	<0.001	<1	0.37	0.001	0.19	0.7	0.07	2.2	0.3	2.01	<1	1.7	<0.2		
REP 1065266	QC																				
1065273	Drill Core	0.037	3	3	0.66	40	<0.001	<1	0.33	0.002	0.14	<0.1	0.19	2.7	2.1	2.53	<1	1.0	<0.2		
REP 1065273	QC	0.038	3	3	0.68	40	<0.001	<1	0.32	0.002	0.14	0.1	0.22	2.6	2.1	2.58	<1	0.7	<0.2		
Core Reject Duplicates																					
1065136	Drill Core	0.058	4	4	0.02	167	<0.001	6	0.31	0.006	0.53	0.1	0.20	1.2	3.1	0.82	1	1.4	6.8		
DUP 1065136	QC	0.059	5	4	0.03	171	0.001	5	0.34	0.007	0.62	0.1	0.20	1.2	3.9	0.89	1	1.3	7.5		
1065171	Drill Core	0.085	2	<1	0.09	26	<0.001	4	0.45	0.002	0.28	0.1	0.04	3.8	1.0	4.74	1	0.5	0.2		
DUP 1065171	QC	0.091	3	<1	0.08	23	<0.001	5	0.41	0.002	0.24	0.1	0.04	3.8	1.0	5.29	<1	0.6	0.3		
1065206	Drill Core	0.057	7	37	0.78	147	0.060	2	1.29	0.073	0.16	0.1	<0.01	9.8	0.3	0.12	6	0.6	0.4		
DUP 1065206	QC	0.060	7	39	0.80	154	0.065	1	1.33	0.078	0.17	<0.1	<0.01	10.4	0.2	0.12	6	0.8	0.4		
1065241	Drill Core	0.076	13	5	0.14	131	0.002	<1	0.61	0.002	0.08	<0.1	0.15	10.8	<0.1	0.87	1	1.2	0.5		

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620 - 650 W. Georgia St.
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Vancouver BC V6B 4N9 Canada

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QUALITY CONTROL REPORT WHI11000482.2

		Method	7TD	7TD	7TD
		Analyte	Pb	Zn	Ag
		Unit	%	%	gm/t
		MDL	0.02	0.01	2
Pulp Duplicates					
1065135	Drill Core				
REP 1065135	QC				
1065154	Drill Core				
REP 1065154	QC				
1065163	Drill Core		0.64	1.05	200
REP 1065163	QC				
1065174	Drill Core				
REP 1065174	QC				
1065184	Drill Core				
REP 1065184	QC				
1065211	Drill Core				
REP 1065211	QC				
1065216	Drill Core				
REP 1065216	QC				
1065219	Drill Core				
REP 1065219	QC				
1065266	Drill Core				
REP 1065266	QC				
1065273	Drill Core				
REP 1065273	QC				
Core Reject Duplicates					
1065136	Drill Core				
DUP 1065136	QC				
1065171	Drill Core				
DUP 1065171	QC				
1065206	Drill Core				
DUP 1065206	QC				
1065241	Drill Core				

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		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
DUP 1065241	QC		<0.005	1.3	89.9	12.8	188	0.2	8.2	7.9	553	3.25	475.1	4.2	4.0	24	0.7	43.4	2.7	39	0.61
1065276	Drill Core	1.37	0.064	38.9	43.4	243.7	3148	2.0	8.3	17.0	6012	3.19	416.2	63.3	1.3	8	21.3	30.1	0.3	6	0.67
DUP 1065276	QC		0.068	35.6	44.3	235.6	3191	2.4	8.8	17.0	6195	3.13	416.6	78.6	1.3	7	21.1	28.0	0.3	6	0.66
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			12.4	107.0	109.5	305	1.7	36.3	7.2	580	2.37	24.6	97.2	5.9	54	1.9	4.5	5.4	40	0.69
STD DS8	Standard			13.8	109.6	114.8	312	1.9	38.3	7.7	596	2.46	25.8	107.9	6.4	59	2.1	4.6	5.7	41	0.72
STD DS8	Standard			13.9	117.7	126.6	313	1.9	40.6	8.3	611	2.53	26.8	115.6	6.5	64	2.4	5.3	6.4	43	0.73
STD DS8	Standard			13.6	112.0	124.8	296	1.8	39.4	7.8	615	2.45	25.6	99.7	7.0	65	2.5	5.1	6.4	42	0.74
STD DS8	Standard			13.8	109.9	139.9	333	1.9	38.7	7.7	660	2.55	28.4	126.1	7.4	75	2.3	6.6	6.6	42	0.71
STD DS8	Standard			12.8	106.6	134.0	305	1.7	37.5	7.4	612	2.43	32.7	152.7	7.1	71	2.2	5.8	5.9	41	0.70
STD DS8	Standard			12.3	111.5	121.0	295	1.8	38.3	7.6	601	2.45	24.5	128.6	6.5	58	2.4	5.1	6.5	40	0.69
STD DS8	Standard			13.2	113.0	122.1	293	1.8	38.6	7.7	600	2.45	26.0	100.7	6.7	59	2.4	5.2	6.2	41	0.71
STD DS8	Standard			11.7	107.7	120.9	317	2.0	36.8	7.2	599	2.38	27.5	114.7	6.1	64	2.1	6.1	7.2	40	0.67
STD DS8	Standard			11.5	104.3	115.1	301	1.7	37.1	6.8	564	2.29	25.1	102.7	6.2	60	2.3	5.4	6.6	39	0.66
STD DS8	Standard			12.8	109.7	114.9	291	1.5	36.7	7.3	596	2.41	26.0	93.5	6.3	59	2.1	4.5	5.9	39	0.68
STD DS8	Standard			13.9	110.0	118.1	292	1.6	39.3	7.7	607	2.44	30.0	125.6	6.8	62	2.4	4.9	6.2	39	0.70
STD DS8	Standard			11.2	99.6	112.6	275	1.5	34.3	6.9	544	2.18	23.8	94.0	5.7	53	2.1	4.8	5.7	36	0.61
STD DS8	Standard			11.7	106.9	121.1	295	1.6	37.6	7.3	576	2.35	25.2	96.1	6.0	55	2.4	4.9	6.1	39	0.66
STD DS8	Standard			13.0	106.4	118.9	289	1.8	38.0	7.5	578	2.40	29.7	181.6	6.8	64	2.4	5.3	6.4	40	0.69
STD DS8	Standard			12.4	105.3	107.6	286	1.7	35.4	6.9	576	2.31	25.4	103.4	5.7	58	2.1	4.8	5.8	35	0.66
STD DS8	Standard			12.1	104.4	105.3	291	1.6	35.8	7.1	577	2.39	25.1	103.6	5.8	58	2.2	4.8	5.7	37	0.70
STD DS8	Standard			12.3	102.2	122.3	296	1.7	34.7	7.1	578	2.41	24.7	108.3	7.4	55	2.1	4.4	5.3	40	0.72
STD DS8	Standard			13.5	108.3	124.7	310	1.8	38.8	7.8	618	2.60	33.2	117.5	7.4	59	2.1	4.6	5.4	42	0.77
STD DS8	Standard			12.1	106.4	127.3	306	1.8	36.5	7.1	588	2.37	25.0	102.7	6.2	64	2.1	5.6	6.8	41	0.67
STD DS8	Standard			11.9	108.0	122.9	298	1.6	37.6	7.3	564	2.35	24.1	103.2	6.4	61	2.1	5.1	6.2	40	0.68
STD OREAS131B	Standard																				
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QUALITY CONTROL REPORT WHI11000482.2

		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	G6Gr Au gm/t 0.9	7TD Cu % 0.001
DUP 1065241	QC	0.078	14	5	0.14	132	<0.001	<1	0.58	0.002	0.08	<0.1	0.15	10.8	<0.1	0.87	1	0.7	0.6		
1065276	Drill Core	0.046	3	3	0.22	37	<0.001	<1	0.26	0.002	0.15	0.2	0.07	2.6	0.5	2.04	<1	1.1	<0.2		
DUP 1065276	QC	0.043	3	3	0.21	38	<0.001	1	0.26	0.002	0.15	0.2	0.08	2.6	0.5	2.00	<1	1.2	<0.2		
Reference Materials																					
STD AGPROOF	Standard																			<0.9	
STD CDN-ME-3	Standard																			9.8	
STD DS8	Standard	0.073	13	116	0.58	257	0.109	1	0.86	0.082	0.39	2.7	0.23	1.8	5.2	0.16	4	5.1	4.8		
STD DS8	Standard	0.078	15	121	0.60	277	0.118	1	0.91	0.087	0.40	2.9	0.22	1.9	5.5	0.16	4	6.6	5.0		
STD DS8	Standard	0.079	15	121	0.62	271	0.112	2	0.92	0.087	0.41	2.6	0.20	2.1	5.4	0.17	5	5.0	5.0		
STD DS8	Standard	0.076	16	116	0.61	287	0.116	3	0.92	0.089	0.40	2.9	0.18	2.2	5.2	0.16	5	4.4	5.0		
STD DS8	Standard	0.083	16	122	0.63	277	0.124	3	0.96	0.085	0.43	3.0	0.23	1.9	5.4	0.16	5	5.3	5.4		
STD DS8	Standard	0.073	16	113	0.62	274	0.119	3	0.92	0.083	0.42	2.8	0.23	1.7	5.3	0.16	5	4.7	4.7		
STD DS8	Standard	0.077	14	116	0.60	261	0.104	2	0.88	0.082	0.39	2.8	0.19	2.0	5.1	0.15	4	5.0	5.1		
STD DS8	Standard	0.075	15	119	0.61	263	0.112	2	0.91	0.086	0.39	2.8	0.21	2.1	5.1	0.16	4	4.8	5.0		
STD DS8	Standard	0.079	12	117	0.60	264	0.104	3	0.88	0.080	0.39	2.9	0.20	1.7	5.5	0.16	5	5.3	4.5		
STD DS8	Standard	0.076	13	106	0.57	262	0.102	3	0.85	0.079	0.38	2.8	0.17	1.9	5.1	0.16	4	3.4	4.3		
STD DS8	Standard	0.075	13	112	0.59	263	0.110	3	0.87	0.080	0.36	2.8	0.18	1.9	4.6	0.15	4	4.6	4.8		
STD DS8	Standard	0.080	15	117	0.60	279	0.114	2	0.90	0.083	0.41	2.8	0.20	2.0	5.2	0.15	4	4.9	4.7		
STD DS8	Standard	0.070	11	105	0.54	241	0.094	2	0.80	0.071	0.35	2.6	0.18	1.8	4.6	0.13	4	3.9	4.6		
STD DS8	Standard	0.073	12	113	0.59	259	0.101	3	0.86	0.077	0.37	2.7	0.18	1.8	4.9	0.14	4	4.9	4.5		
STD DS8	Standard	0.083	14	115	0.61	285	0.108	3	0.91	0.083	0.41	2.9	0.20	2.0	5.1	0.16	5	4.7	5.1		
STD DS8	Standard	0.074	13	106	0.54	268	0.103	2	0.83	0.079	0.39	2.8	0.19	2.0	5.2	0.15	4	5.2	4.8		
STD DS8	Standard	0.072	14	108	0.58	273	0.109	3	0.89	0.084	0.39	2.8	0.19	2.0	5.3	0.16	4	4.9	4.5		
STD DS8	Standard	0.076	15	115	0.60	260	0.117	1	0.93	0.088	0.38	3.0	0.19	2.0	5.1	0.14	5	4.9	4.4		
STD DS8	Standard	0.077	17	120	0.64	279	0.123	3	0.99	0.092	0.40	2.7	0.20	1.9	5.2	0.16	5	4.7	4.7		
STD DS8	Standard	0.080	12	109	0.60	260	0.105	4	0.90	0.087	0.40	3.0	0.22	1.7	5.3	0.16	4	5.3	4.7		
STD DS8	Standard	0.074	14	109	0.59	258	0.109	1	0.92	0.093	0.39	2.9	0.19	1.8	5.0	0.16	4	4.5	4.8		
STD OREAS131B	Standard																				0.022
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		7TD Pb % 0.02	7TD Zn % 0.01	7TD Ag gm/t 2
DUP 1065241	QC			
1065276	Drill Core			
DUP 1065276	QC			
Reference Materials				
STD AGPROOF	Standard			
STD CDN-ME-3	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
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STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD OREAS131B	Standard	1.93	3.12	35
STD OREAS131B	Standard	1.89	3.21	34

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		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 OREAS131B	Standard																				
STD OREAS131B	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OXH82	Standard		1.285																		
STD OXH82	Standard		1.337																		
STD OXH82	Standard		1.364																		
STD OXH82	Standard		1.354																		
STD OXH82	Standard		1.299																		
STD OXH82	Standard		1.324																		
STD OXH82	Standard		1.259																		
STD OXH82	Standard		1.358																		
STD OXH82	Standard		1.274																		
STD OXH82	Standard		1.337																		
STD OXK79	Standard		3.801																		
STD OXK79	Standard		3.752																		
STD OXK79	Standard		3.629																		
STD OXK79	Standard		3.513																		
STD OXK79	Standard		3.586																		
STD OXK79	Standard		3.788																		
STD OXK79	Standard		3.572																		
STD OXK79	Standard		3.562																		
STD OXK79	Standard		3.807																		
STD OXK79	Standard		3.766																		
STD R4T	Standard																				
STD R4T	Standard																				
STD R4T	Standard																				
STD R4T	Standard																				
STD R4T	Standard																				

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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: Charlotte Project
Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000482.2

		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	G6Gr Au gm/t 0.9	7TD Cu % 0.001
STD OREAS131B	Standard																				0.021
STD OREAS131B	Standard																				0.023
STD OREAS131B	Standard																				0.022
STD OREAS153A	Standard																				0.720
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 OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD R4T	Standard																				0.514
STD R4T	Standard																				0.516
STD R4T	Standard																				0.504
STD R4T	Standard																				0.500
STD R4T	Standard																				0.510

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QUALITY CONTROL REPORT WHI11000482.2

		7TD Pb % 0.02	7TD Zn % 0.01	7TD Ag gm/t 2
STD OREAS131B	Standard	1.80	3.14	34
STD OREAS131B	Standard	1.75	3.12	34
STD OREAS131B	Standard	1.79	3.15	34
STD OREAS153A	Standard	<0.02	<0.01	<2
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 OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD R4T	Standard	1.61	3.40	88
STD R4T	Standard	1.57	3.49	92
STD R4T	Standard	1.47	3.41	87
STD R4T	Standard	1.48	3.37	86
STD R4T	Standard	1.51	3.42	89

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QUALITY CONTROL REPORT WHI11000482.2

		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 SU-1B	Standard																				
STD SU-1B	Standard																				
STD SU-1B	Standard																				
STD SU-1B	Standard																				
STD SU-1B	Standard																				
STD CDN-ME-3 Expected																					
STD AGPROOF Expected																					
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 R4T Expected																					
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
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BLK	Blank		<0.005																		

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		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	G6Gr Au gm/t 0.9	7TD Cu % 0.001
STD SU-1B	Standard																				1.184
STD SU-1B	Standard																				1.204
STD SU-1B	Standard																				1.203
STD SU-1B	Standard																				1.175
STD SU-1B	Standard																				1.182
STD CDN-ME-3 Expected																				9.77	
STD AGPROOF Expected																				0	
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 R4T Expected																					0.502
STD OREAS131B Expected																					0.0216
STD SU-1B Expected																					1.185
STD OREAS153A Expected																					0.712
STD OXH82 Expected																					
STD OXK79 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
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		7TD Pb % 0.02	7TD Zn % 0.01	7TD Ag gm/t 2
STD SU-1B	Standard	0.03	0.02	9
STD SU-1B	Standard	<0.02	0.03	8
STD SU-1B	Standard	<0.02	0.03	7
STD SU-1B	Standard	<0.02	0.03	7
STD SU-1B	Standard	<0.02	0.03	8
STD CDN-ME-3 Expected				
STD AGPROOF Expected				
STD DS8 Expected				
STD R4T Expected		1.518	3.376	86
STD OREAS131B Expected		1.86	3.14	33.3
STD SU-1B Expected		0.0058	0.0235	6.4
STD OREAS153A Expected			0.0053	
STD OXH82 Expected				
STD OXK79 Expected				
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
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		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
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.1	1.4	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	1.0	<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																				
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	3.2	<1	<0.1	<0.1	<0.1	<1	0.03	1.7	1.0	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank																				
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			<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		<0.005																		
BLK	Blank		<0.005																		
Prep Wash																					
G1	Prep Blank		<0.005	0.2	2.1	3.1	44	<0.1	3.8	4.1	554	1.91	<0.5	3.2	5.1	60	<0.1	<0.1	0.1	35	0.48
G1	Prep Blank		<0.005	0.2	1.8	3.0	48	<0.1	3.6	4.4	556	1.94	0.5	<0.5	6.1	61	<0.1	<0.1	0.1	35	0.53

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000482.2

		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	G6Gr Au gm/t 0.9	7TD Cu % 0.001
BLK	Blank																			<0.9	
BLK	Blank																			<0.9	
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	<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
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																				
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	<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																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.079	10	6	0.56	224	0.127	1	1.00	0.094	0.44	<0.1	<0.01	2.0	<0.1	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.077	13	6	0.60	221	0.128	1	0.98	0.081	0.47	<0.1	<0.01	2.0	<0.1	<0.05	5	<0.5	<0.2		

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000482.2

		7TD Pb % 0.02	7TD Zn % 0.01	7TD Ag gm/t 2
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.02	<0.01	<2
BLK	Blank	<0.02	<0.01	<2
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.02	<0.01	<2
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.02	<0.01	<2
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.02	<0.01	<2
BLK	Blank			
BLK	Blank			
Prep Wash				
G1	Prep Blank			
G1	Prep Blank			

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

Submitted By: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: August 26, 2011
Report Date: August 31, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11000482R.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-008
P.O. Number
Number of Samples: 10

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
G6Gr	9	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN
7TD	2	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

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.

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

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: Charlotte Project
Report Date: August 31, 2011

CERTIFICATE OF ANALYSIS WHI11000482R.1

Method		G6Gr	G6Gr	7TD
Analyte		Ag	Au	Pb
Unit		gm/t	gm/t	%
MDL		50	0.9	0.02
1065144	Drill Core	216	4.9	N.A.
1065146	Drill Core	133	0.9	N.A.
1065148	Drill Core	175	2.6	N.A.
1065226	Drill Core	370	20.7	N.A.
1065227	Drill Core	2259	38.6	2.26
1065229	Drill Core	104	4.2	N.A.
1065234	Drill Core	157	3.3	N.A.
1065257	Drill Core	117	18.6	N.A.
1065258	Drill Core	N.A.	N.A.	1.58
1065288	Drill Core	326	4.8	N.A.

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Project: Charlotte Project
Report Date: August 31, 2011

QUALITY CONTROL REPORT WHI11000482R.1

		Method	G6Gr	G6Gr	7TD
		Analyte	Ag	Au	Pb
		Unit	gm/t	gm/t	%
		MDL	50	0.9	0.02
Pulp Duplicates					
1065226	Drill Core		370	20.7	N.A.
REP 1065226	QC		379	20.7	
Reference Materials					
STD AGPROOF	Standard		99	<0.9	
STD CDN-ME-3	Standard		264	9.6	
STD OREAS131B	Standard				1.89
STD OREAS153A	Standard				<0.02
STD R4T	Standard				1.54
STD SU-1B	Standard				<0.02
STD CDN-ME-3 Expected			276	9.77	
STD AGPROOF Expected			94	0	
STD R4T Expected					1.518
STD OREAS131B Expected					1.86
STD SU-1B Expected					0.0058
BLK	Blank		<50	<0.9	
BLK	Blank		<50	<0.9	
BLK	Blank				<0.02

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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: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: September 30, 2011
Report Date: October 06, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11000482S.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-008
P.O. Number
Number of Samples: 3

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
G6Gr	3	Lead collection fire assay 30G fusion - Grav finish	30	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

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

Project: Charlotte Project
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS WHI11000482S.1

	Method	G6Gr	G6Gr
	Analyte	Ag	Au
	Unit	gm/t	gm/t
	MDL	50	0.9
1065203	Rock Pulp	167	11.9
1065243	Rock Pulp	167	11.7
1065258	Drill Core	91	7.1

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 06, 2011

QUALITY CONTROL REPORT WHI11000482S.1

		Method	G6Gr	G6Gr
		Analyte	Ag	Au
		Unit	gm/t	gm/t
		MDL	50	0.9
Reference Materials				
STD AGPROOF	Standard		95	<0.9
STD CDN-ME-3	Standard		263	9.9
STD CDN-ME-3 Expected			276	9.77
STD AGPROOF Expected			94	0
BLK	Blank		<50	<0.9
BLK	Blank		<50	<0.9

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

Submitted By: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: July 06, 2011
Report Date: October 06, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI11000486.2

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-010
P.O. Number
Number of Samples: 74

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	71	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	74	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	74	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
7TD	3	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN
G603+G612	3	Lead collection fire assay fusion - gravimetric finish	30	Completed	VAN

ADDITIONAL COMMENTS

Version 2: G603-G612 & 7TD Pb included.

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

Project: Charlotte Project
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS WHI11000486.2

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
1065318	Drill Core	1.36	0.701	1.5	74.1	205.6	411	4.9	8.4	4.7	220	3.19	1869	748.4	3.6	27	3.4	61.6	0.6	23	0.12
1065319	Drill Core	1.61	0.228	1.4	35.7	81.9	156	3.6	3.8	1.9	103	2.41	982.4	276.1	2.8	82	2.3	27.6	0.8	18	0.11
1065320	Drill Core	1.43	0.185	0.8	22.4	568.0	106	3.4	1.3	0.8	108	1.70	909.8	206.7	2.1	106	3.3	58.3	0.3	6	0.11
1065321	Drill Core	2.15	0.720	0.8	60.8	512.4	99	5.2	1.0	0.7	84	1.90	1118	792.8	1.6	70	4.0	72.6	0.3	7	0.10
1065322	Drill Core	1.57	2.225	1.4	55.7	898.6	155	6.0	2.1	0.7	125	2.01	1298	2292	1.6	106	6.3	104.4	0.6	8	0.10
1065323	Drill Core	0.87	4.290	0.8	54.1	383.7	93	4.6	1.0	0.5	97	1.31	1517	4670	0.8	48	2.7	53.9	0.1	4	0.06
1065324	Rock	1.11	0.021	0.1	2.4	3.0	10	<0.1	1.5	0.4	172	0.39	5.1	11.0	<0.1	35	<0.1	0.4	<0.1	<2	17.69
1065325	Drill Core	1.34	6.918	1.2	125.8	133.2	206	7.5	5.9	1.8	147	2.39	7281	7884	0.9	28	6.8	77.7	0.1	7	0.11
1065326	Drill Core	0.85	0.023	1.1	32.6	7.7	331	0.3	5.6	4.0	131	3.01	444.0	23.9	4.2	40	2.4	10.7	0.4	22	0.15
1065327	Drill Core	2.42	0.019	4.1	42.5	10.2	129	0.2	3.1	2.4	66	3.68	336.1	15.4	6.8	47	1.0	21.7	0.9	34	0.09
1065328	Drill Core	0.67	0.195	2.2	19.7	229.4	144	3.4	1.7	1.0	71	2.42	732.1	192.2	2.2	77	0.8	37.5	0.7	9	0.13
1065329	Drill Core	1.66	0.031	1.0	82.4	9.6	293	1.3	6.1	6.4	1492	2.85	415.9	36.9	2.7	14	3.8	25.1	2.2	2	0.24
1065330	Drill Core	1.33	0.013	1.3	75.6	19.7	185	1.0	6.1	3.6	189	2.72	339.0	16.5	1.9	19	0.8	19.5	1.6	5	0.16
1065331	Drill Core	1.35	0.012	8.0	184.9	17.2	210	1.4	10.6	4.9	245	2.64	345.6	18.7	1.3	38	1.0	19.6	2.7	8	0.33
1065332	Drill Core	1.56	0.009	3.8	12.2	33.7	42	2.7	0.7	0.3	25	1.37	64.1	11.0	1.1	56	0.4	18.7	3.3	8	0.06
1065333	Drill Core	1.22	0.033	2.6	112.1	30.8	182	2.5	6.7	2.3	74	3.13	537.5	38.7	1.3	50	0.3	56.3	3.0	15	0.12
1065334	Rock Pulp	0.14	0.395	9.9	125.1	6.6	48	0.2	27.5	36.0	493	3.26	1336	359.2	2.6	75	0.2	1.7	3.9	73	1.37
1065335	Drill Core	1.13	0.026	4.2	244.0	42.0	391	2.6	21.0	10.9	2872	4.13	268.6	25.0	1.2	21	6.0	37.4	3.3	12	0.24
1065336	Drill Core	0.92	0.062	4.0	71.2	146.5	230	2.2	7.6	3.8	109	3.59	533.9	63.6	0.9	57	0.3	39.1	3.3	8	0.13
1065337	Drill Core	1.94	0.166	1.8	24.2	281.8	146	1.5	2.2	1.7	224	2.32	394.1	175.3	2.2	44	0.9	17.6	1.2	8	0.20
1065338	Drill Core	2.07	0.330	1.3	14.5	12.1	67	2.3	1.8	3.2	86	2.01	250.9	308.8	3.3	25	0.3	9.2	1.0	4	0.11
1065339	Drill Core	0.93	0.420	1.9	49.3	9.4	248	0.7	4.0	4.4	304	3.33	650.7	434.9	2.7	30	2.6	21.9	1.2	8	0.18
1065340	Drill Core	2.36	0.026	2.1	165.6	18.3	248	1.1	8.3	9.7	3443	4.22	224.8	24.1	1.7	25	4.7	33.6	2.5	4	1.48
1065341	Drill Core	1.66	0.024	1.7	6.9	7.8	446	0.1	9.0	18.9	7383	3.12	588.8	27.5	1.2	24	3.0	14.3	<0.1	11	1.97
1065342	Drill Core	1.97	0.464	2.4	42.1	130.1	240	2.2	9.1	3.9	177	3.21	641.5	454.8	2.2	41	2.5	16.8	0.8	9	0.53
1065343	Drill Core	2.44	0.018	6.9	25.8	10.7	137	0.6	19.9	3.5	177	2.73	651.4	14.0	2.6	24	1.6	12.3	0.5	7	0.13
1065344	Drill Core	1.00	0.015	3.0	5.4	10.9	24	0.3	1.8	0.5	43	0.71	83.6	12.1	2.3	14	0.7	3.6	0.5	3	0.06
1065345	Drill Core	1.57	0.032	1.3	10.9	18.0	63	0.9	4.3	0.7	60	1.92	350.2	31.1	2.9	62	0.4	9.3	0.2	3	0.24
1065346	Drill Core	1.51	0.021	7.1	17.8	36.4	662	0.8	20.6	12.6	7459	1.95	97.1	20.2	4.3	7	5.2	7.0	0.5	<2	0.82
1065347	Drill Core	0.66	0.014	4.8	19.7	37.8	631	0.6	17.3	12.1	6355	2.19	78.0	14.6	3.6	8	5.0	7.6	0.5	<2	0.84

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

Project: Charlotte Project
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS WHI11000486.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Pb	Zn
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	0.02	0.01
1065318	Drill Core	0.061	12	3	0.03	186	0.002	3	0.63	0.005	0.21	0.7	0.05	7.8	0.5	0.27	1	0.8	0.2		
1065319	Drill Core	0.046	10	3	0.02	220	<0.001	2	0.53	0.005	0.35	0.4	0.11	5.5	0.9	0.45	1	<0.5	0.4		
1065320	Drill Core	0.027	7	1	0.02	136	<0.001	4	0.39	0.004	0.34	0.1	0.21	3.0	1.5	0.40	<1	<0.5	<0.2		
1065321	Drill Core	0.022	7	2	0.02	227	<0.001	4	0.32	0.003	0.29	0.1	0.38	3.2	1.9	0.41	1	<0.5	<0.2		
1065322	Drill Core	0.030	6	3	0.02	362	<0.001	2	0.34	0.003	0.24	0.4	0.14	3.5	1.7	0.29	<1	0.5	<0.2		
1065323	Drill Core	0.014	4	1	0.01	138	<0.001	2	0.18	0.004	0.21	<0.1	0.30	1.4	2.5	0.32	<1	0.8	<0.2		
1065324	Rock	0.013	<1	<1	11.50	14	<0.001	<1	0.02	0.001	<0.01	0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1065325	Drill Core	0.036	3	2	0.02	84	<0.001	3	0.39	0.003	0.15	0.2	0.54	2.9	2.3	0.61	<1	1.6	<0.2		
1065326	Drill Core	0.076	11	4	0.03	211	<0.001	2	0.60	0.006	0.32	0.1	0.15	5.0	0.9	0.42	1	0.8	<0.2		
1065327	Drill Core	0.093	21	3	0.02	200	<0.001	<1	0.70	0.012	0.45	<0.1	0.24	6.5	0.6	0.81	2	1.8	0.3		
1065328	Drill Core	0.041	6	2	0.03	446	<0.001	1	0.37	0.003	0.24	0.1	0.10	4.7	1.3	0.30	<1	<0.5	<0.2		
1065329	Drill Core	0.050	7	1	0.07	53	<0.001	3	0.41	0.001	0.23	0.2	0.05	2.6	0.5	1.18	<1	1.2	0.3		
1065330	Drill Core	0.044	5	2	0.02	105	<0.001	3	0.33	0.003	0.33	0.2	0.08	2.3	0.4	0.46	<1	0.9	0.3		
1065331	Drill Core	0.046	4	2	0.02	96	<0.001	4	0.36	0.005	0.30	0.3	0.06	2.4	0.6	0.87	<1	1.9	0.3		
1065332	Drill Core	0.017	4	2	0.01	164	<0.001	5	0.24	0.004	0.35	0.3	0.08	1.1	0.8	0.43	<1	2.9	0.4		
1065333	Drill Core	0.050	6	3	0.01	131	<0.001	5	0.27	0.005	0.35	0.3	0.05	1.6	0.5	0.54	<1	1.8	0.5		
1065334	Rock Pulp	0.055	6	47	0.76	127	0.110	3	1.68	0.182	0.25	0.4	<0.01	2.3	<0.1	0.13	5	2.2	0.7		
1065335	Drill Core	0.061	4	3	0.05	51	<0.001	4	0.44	0.002	0.21	0.4	0.04	4.9	0.3	2.44	<1	2.7	0.6		
1065336	Drill Core	0.039	4	2	0.02	74	<0.001	4	0.29	0.004	0.34	0.4	0.09	3.4	0.6	1.45	<1	2.7	0.4		
1065337	Drill Core	0.036	8	2	0.04	126	<0.001	3	0.34	0.004	0.34	0.2	0.08	1.9	0.8	0.47	1	1.3	<0.2		
1065338	Drill Core	0.023	10	1	0.02	115	<0.001	5	0.31	0.004	0.30	0.4	0.07	1.8	0.5	0.95	<1	1.7	<0.2		
1065339	Drill Core	0.057	8	1	0.04	218	<0.001	3	0.43	0.008	0.37	0.3	0.10	2.8	0.8	0.60	1	1.5	<0.2		
1065340	Drill Core	0.066	4	1	0.29	41	<0.001	2	0.42	0.004	0.27	0.3	0.16	3.1	0.8	3.32	<1	2.2	0.3		
1065341	Drill Core	0.052	7	2	0.34	60	<0.001	3	0.45	0.003	0.26	0.2	0.45	3.6	5.5	2.04	1	<0.5	<0.2		
1065342	Drill Core	0.040	8	3	0.05	63	<0.001	3	0.50	0.005	0.22	0.1	0.17	2.7	1.6	1.01	1	1.5	<0.2		
1065343	Drill Core	0.049	10	3	0.02	325	<0.001	4	0.35	0.002	0.20	0.1	0.05	2.1	0.7	0.11	<1	2.9	<0.2		
1065344	Drill Core	0.007	10	2	0.01	501	<0.001	3	0.24	0.002	0.18	0.1	0.05	0.6	0.6	0.13	<1	2.2	<0.2		
1065345	Drill Core	0.031	6	2	0.02	182	<0.001	3	0.34	0.005	0.32	0.2	0.04	2.0	0.8	0.43	<1	0.7	<0.2		
1065346	Drill Core	0.043	7	2	0.20	52	<0.001	3	0.33	0.002	0.21	0.1	0.03	1.7	0.5	1.28	<1	0.9	<0.2		
1065347	Drill Core	0.041	6	2	0.18	62	<0.001	2	0.35	0.001	0.21	0.1	0.02	1.6	0.5	1.67	<1	1.1	0.2		

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

Project: Charlotte Project
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS WHI11000486.2

Method		7TD	G6Gr	G6Gr
Analyte		Ag	Ag	Au
Unit		gm/t	gm/t	gm/t
MDL		2	50	0.9
1065318	Drill Core		N.A.	N.A.
1065319	Drill Core		N.A.	N.A.
1065320	Drill Core		N.A.	N.A.
1065321	Drill Core		N.A.	N.A.
1065322	Drill Core		N.A.	N.A.
1065323	Drill Core		N.A.	N.A.
1065324	Rock		N.A.	N.A.
1065325	Drill Core		N.A.	N.A.
1065326	Drill Core		N.A.	N.A.
1065327	Drill Core		N.A.	N.A.
1065328	Drill Core		N.A.	N.A.
1065329	Drill Core		N.A.	N.A.
1065330	Drill Core		N.A.	N.A.
1065331	Drill Core		N.A.	N.A.
1065332	Drill Core		N.A.	N.A.
1065333	Drill Core		N.A.	N.A.
1065334	Rock Pulp		N.A.	N.A.
1065335	Drill Core		N.A.	N.A.
1065336	Drill Core		N.A.	N.A.
1065337	Drill Core		N.A.	N.A.
1065338	Drill Core		N.A.	N.A.
1065339	Drill Core		N.A.	N.A.
1065340	Drill Core		N.A.	N.A.
1065341	Drill Core		N.A.	N.A.
1065342	Drill Core		N.A.	N.A.
1065343	Drill Core		N.A.	N.A.
1065344	Drill Core		N.A.	N.A.
1065345	Drill Core		N.A.	N.A.
1065346	Drill Core		N.A.	N.A.
1065347	Drill Core		N.A.	N.A.

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Project: Charlotte Project
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS WHI11000486.2

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
1065348	Drill Core	2.06	0.045	0.7	28.8	114.1	596	1.5	5.4	10.3	3776	3.93	179.4	45.5	4.6	22	6.9	7.8	0.4	4	1.80
1065349	Drill Core	1.54	0.170	0.4	14.0	366.8	513	1.7	3.7	6.8	965	3.85	511.4	184.7	5.5	8	6.0	6.7	0.3	3	0.76
1065350	Drill Core	2.01	0.118	0.3	14.0	87.8	102	1.5	3.9	6.8	2090	3.46	461.2	110.7	6.2	17	1.0	8.0	0.2	3	1.44
1065351	Drill Core	2.33	0.074	1.2	16.2	495.7	465	2.7	3.1	5.3	3348	3.16	312.9	78.0	7.5	20	5.3	11.9	0.5	3	1.72
1065352	Drill Core	1.61	0.203	1.5	22.1	73.3	66	0.7	4.0	6.1	58	3.89	619.5	203.5	7.7	5	0.7	7.3	0.3	3	0.30
1065353	Drill Core	1.61	0.036	1.6	5.1	302.3	105	1.1	2.0	1.1	49	1.25	179.8	47.4	3.8	22	0.9	9.6	0.6	3	0.12
1065354	Drill Core	1.85	<0.005	7.0	28.1	13.9	243	0.6	13.2	5.7	1112	1.95	264.3	10.6	3.1	19	1.7	16.6	1.1	6	0.44
1065355	Drill Core	1.22	<0.005	1.4	36.6	7.7	232	0.2	19.3	9.5	3199	1.94	175.2	8.2	5.0	7	1.3	10.7	0.4	8	0.45
1065356	Rock Pulp	0.14	>10	8.3	117.0	17.8	55	>100	15.6	10.8	597	3.50	235.0	13179	3.0	79	0.3	8.5	17.1	70	1.66
1065357	Drill Core	2.22	<0.005	2.2	44.9	7.9	111	0.2	12.3	8.6	1396	2.32	214.5	8.8	4.3	9	0.3	13.0	0.5	14	0.61
1065358	Drill Core	2.19	0.085	2.3	39.2	73.3	186	2.0	14.9	6.7	2227	2.82	203.3	104.5	3.8	26	1.3	18.3	1.8	7	1.85
1065359	Drill Core	2.10	0.049	1.4	75.6	56.3	177	3.1	19.6	8.5	2073	2.71	856.7	52.5	2.8	30	1.1	40.6	2.9	8	2.23
1065360	Drill Core	2.08	0.255	1.5	210.4	1285	1799	10.3	14.3	6.8	3694	2.71	1798	259.2	2.4	24	13.4	137.9	2.7	5	1.70
1065361	Drill Core	2.34	0.092	1.3	46.3	146.0	1481	1.9	9.5	6.1	3419	2.34	471.4	91.5	3.2	39	3.6	33.2	0.8	6	2.53
1065362	Drill Core	2.26	0.106	3.5	29.2	104.5	836	1.5	19.6	7.1	3445	2.46	407.2	104.2	2.2	32	4.8	27.6	0.6	8	2.13
1065363	Drill Core	1.58	0.645	35.8	53.4	3597	863	25.9	4.8	4.4	1396	1.96	1167	645.7	1.3	27	10.5	64.9	0.9	7	0.28
1065364	Drill Core	1.14	0.070	33.5	87.3	96.3	1389	1.4	9.6	11.7	2636	2.44	367.9	54.6	2.0	17	3.5	33.4	0.5	7	1.02
1065365	Rock	1.16	<0.005	0.1	0.6	5.4	12	<0.1	1.4	0.9	199	0.40	4.8	2.7	<0.1	39	<0.1	0.1	<0.1	<2	20.11
1065366	Drill Core	2.05	<0.005	118.3	49.7	14.7	65	0.6	3.9	4.6	1633	1.26	46.2	4.5	10.3	34	0.3	17.1	0.3	4	1.57
1065367	Drill Core	1.76	0.044	164.3	42.7	1089	983	3.7	2.7	2.9	949	1.77	177.2	50.3	15.1	21	12.1	31.2	0.2	3	0.74
1065368	Drill Core	1.14	0.065	18.2	4.9	44.0	121	0.9	2.8	2.6	1784	1.72	263.1	73.6	17.7	8	1.7	30.8	<0.1	<2	0.53
1065369	Drill Core	2.18	0.302	17.0	9.6	202.3	413	2.0	5.0	6.9	3108	2.99	517.3	316.9	2.9	11	4.6	75.3	0.3	3	0.83
1065370	Drill Core	1.32	0.991	12.2	55.1	849.4	2467	3.9	5.3	4.7	3593	2.93	1804	1035	1.2	15	33.2	172.8	<0.1	<2	1.09
1065371	Drill Core	1.10	>10	2.8	218.4	>10000	>10000	37.5	1.7	1.6	3503	4.09	>10000	19976	0.3	16	219.2	>2000	1.8	<2	1.27
1065372	Rock	0.94	<0.005	0.1	1.5	9.9	23	<0.1	3.3	1.8	223	0.56	26.0	17.2	0.2	44	0.1	3.1	<0.1	2	19.08
1065373	Drill Core	2.30	>10	0.3	3818	>10000	>10000	>100	0.4	0.6	2203	9.21	>10000	13858	<0.1	<1	1479	>2000	2.7	<2	0.08
1065374	Rock	1.01	0.006	<0.1	4.1	29.0	105	0.8	1.2	0.9	190	0.38	16.7	13.7	<0.1	37	1.4	17.6	<0.1	<2	19.45
1065375	Rock	1.01	0.005	<0.1	1.6	14.1	35	0.2	1.1	0.8	216	0.42	7.6	3.9	<0.1	47	0.3	6.5	<0.1	<2	19.61
1065376	Drill Core	1.64	1.003	9.2	18.7	302.8	3017	3.2	7.4	8.8	3426	4.28	6132	1107	1.4	11	11.0	129.1	0.2	3	0.83
1065377	Drill Core	2.36	0.217	31.3	27.9	57.0	1856	6.4	9.2	9.6	4751	2.39	1055	258.2	1.5	8	1.5	29.4	0.2	<2	0.71

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Project: Charlotte Project
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS WHI11000486.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Pb	Zn
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	0.02	0.01
1065348	Drill Core	0.095	7	<1	0.52	25	<0.001	4	0.38	0.002	0.24	0.1	0.04	2.4	0.7	3.71	<1	1.1	<0.2		
1065349	Drill Core	0.086	6	1	0.17	17	<0.001	3	0.37	0.002	0.22	0.1	0.06	1.2	1.1	4.35	<1	0.9	<0.2		
1065350	Drill Core	0.088	7	<1	0.39	53	<0.001	4	0.40	0.002	0.23	0.1	0.04	1.7	0.7	3.52	<1	0.7	<0.2		
1065351	Drill Core	0.084	6	<1	0.48	33	<0.001	3	0.34	0.001	0.23	0.2	0.07	1.8	0.8	3.29	1	1.1	0.2		
1065352	Drill Core	0.059	5	<1	0.03	14	<0.001	3	0.31	<0.001	0.19	0.1	0.09	1.4	1.0	4.22	<1	1.6	0.2		
1065353	Drill Core	0.022	12	<1	0.02	259	<0.001	5	0.25	0.003	0.20	0.1	0.09	0.7	1.4	0.28	<1	1.3	0.3		
1065354	Drill Core	0.035	11	2	0.13	125	<0.001	4	0.31	0.001	0.19	0.2	0.15	1.8	1.2	0.69	<1	1.8	0.5		
1065355	Drill Core	0.058	12	<1	0.09	74	<0.001	3	0.57	<0.001	0.22	0.2	0.26	3.1	1.8	1.18	1	1.7	<0.2		
1065356	Rock Pulp	0.051	7	25	0.76	111	0.122	4	1.75	0.168	0.20	4.1	0.52	2.1	<0.1	0.18	5	6.2	2.6	<0.02	<0.01
1065357	Drill Core	0.077	11	2	0.17	60	<0.001	2	0.50	<0.001	0.17	0.1	0.24	4.5	1.7	1.39	1	1.5	0.3		
1065358	Drill Core	0.051	5	3	0.57	32	<0.001	2	0.36	0.002	0.16	0.8	0.13	2.6	0.9	2.55	<1	1.6	0.7		
1065359	Drill Core	0.053	4	2	0.67	24	<0.001	2	0.32	0.002	0.20	0.2	0.45	2.3	3.7	1.98	<1	1.3	0.9		
1065360	Drill Core	0.030	3	2	0.54	57	<0.001	2	0.25	0.002	0.16	0.2	0.27	2.2	1.5	1.78	<1	1.6	0.6		
1065361	Drill Core	0.022	4	2	0.78	55	<0.001	2	0.23	0.001	0.16	<0.1	0.18	1.8	0.9	1.33	<1	1.3	0.3		
1065362	Drill Core	0.021	3	2	0.64	50	<0.001	2	0.22	0.002	0.14	<0.1	0.08	1.8	0.5	1.34	<1	1.3	<0.2		
1065363	Drill Core	0.018	3	2	0.11	24	<0.001	2	0.34	0.002	0.10	0.1	0.30	1.9	1.7	1.01	1	1.0	<0.2		
1065364	Drill Core	0.055	4	2	0.32	31	<0.001	2	0.42	<0.001	0.15	0.1	0.12	2.9	0.5	2.02	1	1.1	<0.2		
1065365	Rock	0.012	<1	<1	11.29	14	<0.001	<1	0.04	0.004	0.02	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1065366	Drill Core	0.034	22	1	0.56	97	<0.001	2	0.32	<0.001	0.16	0.1	0.04	2.0	0.3	0.92	<1	0.6	<0.2		
1065367	Drill Core	0.035	19	<1	0.26	57	<0.001	2	0.32	<0.001	0.17	0.2	0.09	1.2	0.4	1.67	<1	<0.5	<0.2		
1065368	Drill Core	0.041	17	<1	0.14	37	<0.001	3	0.34	0.001	0.19	0.1	0.07	0.8	0.5	1.49	1	<0.5	<0.2		
1065369	Drill Core	0.044	4	1	0.25	25	<0.001	2	0.26	<0.001	0.15	0.2	0.07	1.8	0.6	2.86	<1	0.5	<0.2		
1065370	Drill Core	0.032	2	<1	0.33	23	<0.001	2	0.20	<0.001	0.11	0.1	0.11	1.4	0.5	2.88	<1	0.6	<0.2		
1065371	Drill Core	0.005	<1	1	0.43	20	<0.001	1	0.07	0.001	0.03	0.1	1.30	1.4	3.6	3.81	<1	1.9	0.2	1.55	1.92
1065372	Rock	0.023	<1	2	11.02	14	0.007	<1	0.14	0.015	0.05	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1065373	Drill Core	<0.001	<1	<1	<0.01	15	<0.001	<1	0.02	0.002	<0.01	<0.1	1.72	<0.1	3.5	9.32	4	3.5	<0.2	4.65	10.67
1065374	Rock	0.012	<1	<1	11.01	22	<0.001	<1	0.01	0.001	0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1065375	Rock	0.016	<1	<1	11.73	27	0.001	<1	0.10	0.002	0.09	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1065376	Drill Core	0.045	2	1	0.22	23	<0.001	2	0.27	<0.001	0.16	0.1	0.07	3.3	1.0	4.52	<1	0.7	<0.2		
1065377	Drill Core	0.042	3	<1	0.20	28	<0.001	2	0.26	<0.001	0.17	0.1	0.04	2.3	0.4	2.16	<1	0.7	<0.2		

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Method		7TD	G6Gr	G6Gr
Analyte		Ag	Ag	Au
Unit		gm/t	gm/t	gm/t
MDL		2	50	0.9
1065348	Drill Core		N.A.	N.A.
1065349	Drill Core		N.A.	N.A.
1065350	Drill Core		N.A.	N.A.
1065351	Drill Core		N.A.	N.A.
1065352	Drill Core		N.A.	N.A.
1065353	Drill Core		N.A.	N.A.
1065354	Drill Core		N.A.	N.A.
1065355	Drill Core		N.A.	N.A.
1065356	Rock Pulp	175	182	11.6
1065357	Drill Core		N.A.	N.A.
1065358	Drill Core		N.A.	N.A.
1065359	Drill Core		N.A.	N.A.
1065360	Drill Core		N.A.	N.A.
1065361	Drill Core		N.A.	N.A.
1065362	Drill Core		N.A.	N.A.
1065363	Drill Core		N.A.	N.A.
1065364	Drill Core		N.A.	N.A.
1065365	Rock		N.A.	N.A.
1065366	Drill Core		N.A.	N.A.
1065367	Drill Core		N.A.	N.A.
1065368	Drill Core		N.A.	N.A.
1065369	Drill Core		N.A.	N.A.
1065370	Drill Core		N.A.	N.A.
1065371	Drill Core	37	<50	17.8
1065372	Rock		N.A.	N.A.
1065373	Drill Core	>300	1097	16.2
1065374	Rock		N.A.	N.A.
1065375	Rock		N.A.	N.A.
1065376	Drill Core		N.A.	N.A.
1065377	Drill Core		N.A.	N.A.

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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
1065378	Drill Core	1.93	0.279	29.3	35.4	27.0	496	5.3	8.9	9.3	2706	2.34	1643	308.7	2.7	9	2.3	29.0	0.2	3	0.66
1065379	Drill Core	1.99	0.255	54.5	43.5	22.6	172	5.1	4.2	5.7	1649	2.10	1013	279.2	3.6	8	1.0	27.0	0.2	<2	0.61
1065380	Drill Core	2.17	0.079	31.9	39.7	15.8	98	1.5	3.8	4.2	1619	1.52	198.7	91.9	3.1	16	1.0	26.0	0.2	<2	1.03
1065381	Drill Core	2.07	0.016	22.8	62.7	22.5	113	0.8	5.5	6.2	1667	2.17	192.2	31.0	3.2	16	0.6	42.1	0.4	2	1.62
1065382	Drill Core	1.69	0.091	91.8	52.0	15.6	98	0.5	7.7	6.8	1580	2.11	454.0	96.0	2.2	18	0.7	20.4	0.2	5	1.85
1065383	Drill Core	1.76	0.020	21.3	94.4	12.7	133	0.5	11.9	13.2	2189	3.51	2056	22.6	1.1	30	0.6	40.5	0.4	43	2.72
1065384	Drill Core	1.57	<0.005	10.3	21.8	24.9	194	0.7	6.8	7.8	2197	4.52	353.4	5.2	2.0	75	0.8	17.3	1.6	17	4.45
1065385	Drill Core	1.39	<0.005	30.8	71.2	19.2	92	0.6	10.3	10.2	1748	3.49	98.6	4.0	1.4	59	0.7	11.8	0.7	15	3.77
1065386	Rock Pulp	0.14	0.368	9.3	123.2	6.3	46	0.2	26.4	34.6	479	3.09	1287	343.0	2.6	70	0.3	1.5	3.6	72	1.33
1065387	Drill Core	1.94	0.005	97.9	73.6	6.8	76	0.5	8.0	9.8	1156	2.69	61.7	4.7	1.7	77	0.3	8.2	0.3	11	3.87
1065388	Drill Core	1.82	<0.005	9.7	43.3	2.8	235	0.1	7.6	6.6	1160	2.17	93.9	2.6	2.3	28	0.8	9.5	0.2	18	1.50
1065389	Drill Core	1.88	<0.005	28.0	81.6	42.2	250	0.3	10.2	7.7	981	2.85	169.1	2.0	3.3	19	1.7	18.1	0.3	15	1.32
1065390	Drill Core	2.39	<0.005	19.8	41.2	19.5	199	0.1	9.0	8.2	1439	2.60	47.1	7.1	4.7	49	1.1	9.0	0.4	19	2.75
1065391	Drill Core	2.41	<0.005	19.3	61.8	14.9	298	0.2	9.8	14.1	3141	3.82	90.3	3.0	2.1	72	1.3	16.1	0.3	81	4.00

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS WHI11000486.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Pb	Zn
	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	0.02	0.01
1065378	Drill Core	0.076	6	1	0.19	35	<0.001	3	0.31	<0.001	0.19	0.1	0.06	2.1	0.7	2.10	<1	0.7	<0.2		
1065379	Drill Core	0.037	6	<1	0.19	33	<0.001	3	0.27	<0.001	0.16	<0.1	0.05	1.5	0.6	2.04	<1	0.8	<0.2		
1065380	Drill Core	0.022	6	<1	0.34	66	<0.001	2	0.27	<0.001	0.17	<0.1	0.03	1.4	0.3	1.19	<1	0.6	<0.2		
1065381	Drill Core	0.036	5	<1	0.48	67	<0.001	3	0.28	<0.001	0.18	0.1	0.04	1.9	0.4	1.49	<1	0.8	<0.2		
1065382	Drill Core	0.046	5	3	0.54	95	<0.001	3	0.28	<0.001	0.19	0.2	0.03	2.6	0.4	1.42	<1	0.8	<0.2		
1065383	Drill Core	0.056	5	14	0.75	45	<0.001	4	0.46	0.001	0.15	0.2	0.08	11.0	0.7	2.12	1	1.0	<0.2		
1065384	Drill Core	0.045	5	4	1.33	45	<0.001	2	0.37	0.004	0.13	0.4	0.06	4.4	0.3	2.42	<1	2.1	<0.2		
1065385	Drill Core	0.055	4	6	1.09	64	<0.001	2	0.37	0.002	0.15	0.2	0.03	5.0	0.2	1.97	<1	1.3	<0.2		
1065386	Rock Pulp	0.052	6	46	0.72	120	0.108	3	1.61	0.177	0.24	0.5	<0.01	2.2	<0.1	0.12	5	1.9	0.7		
1065387	Drill Core	0.063	4	2	1.24	46	<0.001	3	0.36	0.002	0.19	0.1	0.02	4.4	0.2	1.07	<1	1.2	<0.2		
1065388	Drill Core	0.048	8	2	0.47	60	<0.001	2	0.38	0.001	0.09	<0.1	0.03	4.9	0.1	0.68	1	0.6	<0.2		
1065389	Drill Core	0.055	9	2	0.41	96	<0.001	2	0.39	0.002	0.10	<0.1	0.06	6.0	0.1	1.38	1	1.6	<0.2		
1065390	Drill Core	0.048	9	5	0.81	57	<0.001	2	0.33	0.002	0.12	0.1	0.04	5.9	0.2	1.47	<1	<0.5	<0.2		
1065391	Drill Core	0.070	7	8	0.73	43	0.002	1	0.55	<0.001	0.07	0.4	0.05	13.5	0.2	1.28	1	0.9	<0.2		

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PO Box 11604
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Project: Charlotte Project
Report Date: October 06, 2011

CERTIFICATE OF ANALYSIS WHI11000486.2

Method		7TD	G6Gr	G6Gr
Analyte		Ag	Ag	Au
Unit		gm/t	gm/t	gm/t
MDL		2	50	0.9
1065378	Drill Core		N.A.	N.A.
1065379	Drill Core		N.A.	N.A.
1065380	Drill Core		N.A.	N.A.
1065381	Drill Core		N.A.	N.A.
1065382	Drill Core		N.A.	N.A.
1065383	Drill Core		N.A.	N.A.
1065384	Drill Core		N.A.	N.A.
1065385	Drill Core		N.A.	N.A.
1065386	Rock Pulp		N.A.	N.A.
1065387	Drill Core		N.A.	N.A.
1065388	Drill Core		N.A.	N.A.
1065389	Drill Core		N.A.	N.A.
1065390	Drill Core		N.A.	N.A.
1065391	Drill Core		N.A.	N.A.

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QUALITY CONTROL REPORT WHI11000486.2

	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																					
1065330	Drill Core	1.33	0.013	1.3	75.6	19.7	185	1.0	6.1	3.6	189	2.72	339.0	16.5	1.9	19	0.8	19.5	1.6	5	0.16
REP 1065330	QC		0.010																		
1065356	Rock Pulp	0.14	>10	8.3	117.0	17.8	55	>100	15.6	10.8	597	3.50	235.0	13179	3.0	79	0.3	8.5	17.1	70	1.66
REP 1065356	QC			8.2	113.6	17.2	54	>100	15.3	10.7	591	3.50	233.3	12611	2.8	78	0.3	8.5	17.0	69	1.61
1065367	Drill Core	1.76	0.044	164.3	42.7	1089	983	3.7	2.7	2.9	949	1.77	177.2	50.3	15.1	21	12.1	31.2	0.2	3	0.74
REP 1065367	QC		0.041																		
1065373	Drill Core	2.30	>10	0.3	3818	>10000	>10000	>100	0.4	0.6	2203	9.21	>10000	13858	<0.1	<1	1479	>2000	2.7	<2	0.08
REP 1065373	QC																				
1065387	Drill Core	1.94	0.005	97.9	73.6	6.8	76	0.5	8.0	9.8	1156	2.69	61.7	4.7	1.7	77	0.3	8.2	0.3	11	3.87
REP 1065387	QC			98.2	73.9	6.7	76	0.5	7.6	9.3	1139	2.64	59.9	3.8	1.7	74	0.3	8.0	0.3	11	3.89
Core Reject Duplicates																					
1065346	Drill Core	1.51	0.021	7.1	17.8	36.4	662	0.8	20.6	12.6	7459	1.95	97.1	20.2	4.3	7	5.2	7.0	0.5	<2	0.82
DUP 1065346	QC		0.023	7.1	20.5	39.8	626	0.8	19.7	12.0	6593	2.06	108.9	19.8	4.3	7	4.7	7.7	0.6	<2	0.79
1065381	Drill Core	2.07	0.016	22.8	62.7	22.5	113	0.8	5.5	6.2	1667	2.17	192.2	31.0	3.2	16	0.6	42.1	0.4	2	1.62
DUP 1065381	QC		0.026	22.2	60.3	15.1	102	0.7	5.1	6.0	1572	2.13	180.1	26.4	2.8	13	0.7	31.7	0.3	<2	1.60
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			14.4	117.5	121.1	313	1.6	42.1	8.1	627	2.44	26.1	108.2	7.8	62	2.5	5.0	6.0	40	0.72
STD DS8	Standard			14.4	115.0	131.0	302	1.7	40.4	7.9	624	2.44	26.7	121.8	6.6	60	2.2	4.9	5.5	39	0.69
STD DS8	Standard			14.3	108.5	131.9	315	1.7	40.9	7.8	644	2.51	26.8	112.1	6.4	62	2.2	4.8	6.1	40	0.75
STD DS8	Standard			13.6	105.1	124.8	294	1.7	38.4	7.4	606	2.41	25.7	98.6	6.0	57	2.2	4.5	5.7	39	0.72
STD DS8	Standard			13.9	117.7	126.6	313	1.9	40.6	8.3	611	2.53	26.8	115.6	6.5	64	2.4	5.3	6.4	43	0.73
STD DS8	Standard			13.6	112.0	124.8	296	1.8	39.4	7.8	615	2.45	25.6	99.7	7.0	65	2.5	5.1	6.4	42	0.74
STD DS8	Standard			13.8	109.9	139.9	333	1.9	38.7	7.7	660	2.55	28.4	126.1	7.4	75	2.3	6.6	6.6	42	0.71
STD DS8	Standard			12.8	106.6	134.0	305	1.7	37.5	7.4	612	2.43	32.7	152.7	7.1	71	2.2	5.8	5.9	41	0.70
STD OREAS131B	Standard																				
STD OXH82	Standard		1.253																		

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Project: Charlotte Project
Report Date: October 06, 2011

QUALITY CONTROL REPORT WHI11000486.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Pb	Zn
	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	0.02	0.01
Pulp Duplicates																					
1065330	Drill Core	0.044	5	2	0.02	105	<0.001	3	0.33	0.003	0.33	0.2	0.08	2.3	0.4	0.46	<1	0.9	0.3		
REP 1065330	QC																				
1065356	Rock Pulp	0.051	7	25	0.76	111	0.122	4	1.75	0.168	0.20	4.1	0.52	2.1	<0.1	0.18	5	6.2	2.6	<0.02	<0.01
REP 1065356	QC	0.050	7	24	0.74	110	0.122	3	1.64	0.167	0.21	4.2	0.51	2.2	<0.1	0.18	5	5.6	2.6		
1065367	Drill Core	0.035	19	<1	0.26	57	<0.001	2	0.32	<0.001	0.17	0.2	0.09	1.2	0.4	1.67	<1	<0.5	<0.2		
REP 1065367	QC																				
1065373	Drill Core	<0.001	<1	<1	<0.01	15	<0.001	<1	0.02	0.002	<0.01	<0.1	1.72	<0.1	3.5	9.32	4	3.5	<0.2	4.65	10.67
REP 1065373	QC																			4.61	10.56
1065387	Drill Core	0.063	4	2	1.24	46	<0.001	3	0.36	0.002	0.19	0.1	0.02	4.4	0.2	1.07	<1	1.2	<0.2		
REP 1065387	QC	0.062	4	2	1.18	46	<0.001	3	0.36	0.002	0.19	0.1	0.02	4.2	0.2	1.10	<1	1.1	<0.2		
Core Reject Duplicates																					
1065346	Drill Core	0.043	7	2	0.20	52	<0.001	3	0.33	0.002	0.21	0.1	0.03	1.7	0.5	1.28	<1	0.9	<0.2		
DUP 1065346	QC	0.044	7	2	0.18	57	<0.001	3	0.36	0.001	0.22	0.1	0.02	1.7	0.5	1.41	<1	1.2	0.2		
1065381	Drill Core	0.036	5	<1	0.48	67	<0.001	3	0.28	<0.001	0.18	0.1	0.04	1.9	0.4	1.49	<1	0.8	<0.2		
DUP 1065381	QC	0.040	4	<1	0.46	74	<0.001	3	0.26	0.001	0.18	0.1	0.02	1.9	0.4	1.53	<1	1.0	<0.2		
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard	0.072	14	126	0.63	262	0.128	3	0.96	0.089	0.41	3.1	0.17	1.8	5.5	0.16	5	5.6	4.5		
STD DS8	Standard	0.078	13	125	0.62	252	0.122	1	0.93	0.085	0.41	2.6	0.20	1.8	4.8	0.15	4	5.1	4.5		
STD DS8	Standard	0.082	14	126	0.62	291	0.114	4	0.97	0.094	0.42	3.0	0.20	1.9	5.5	0.17	5	6.2	5.2		
STD DS8	Standard	0.076	13	119	0.61	271	0.108	2	0.91	0.088	0.40	2.8	0.20	1.9	5.2	0.16	4	4.9	4.9		
STD DS8	Standard	0.079	15	121	0.62	271	0.112	2	0.92	0.087	0.41	2.6	0.20	2.1	5.4	0.17	5	5.0	5.0		
STD DS8	Standard	0.076	16	116	0.61	287	0.116	3	0.92	0.089	0.40	2.9	0.18	2.2	5.2	0.16	5	4.4	5.0		
STD DS8	Standard	0.083	16	122	0.63	277	0.124	3	0.96	0.085	0.43	3.0	0.23	1.9	5.4	0.16	5	5.3	5.4		
STD DS8	Standard	0.073	16	113	0.62	274	0.119	3	0.92	0.083	0.42	2.8	0.23	1.7	5.3	0.16	5	4.7	4.7		
STD OREAS131B	Standard																			1.93	3.12
STD OXH82	Standard																				

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QUALITY CONTROL REPORT WHI11000486.2

	Method	7TD	G6Gr	G6Gr
	Analyte	Ag	Ag	Au
	Unit	gm/t	gm/t	gm/t
	MDL	2	50	0.9
Pulp Duplicates				
1065330	Drill Core		N.A.	N.A.
REP 1065330	QC			
1065356	Rock Pulp	175	182	11.6
REP 1065356	QC			
1065367	Drill Core		N.A.	N.A.
REP 1065367	QC			
1065373	Drill Core	>300	1097	16.2
REP 1065373	QC	>300		
1065387	Drill Core		N.A.	N.A.
REP 1065387	QC			
Core Reject Duplicates				
1065346	Drill Core		N.A.	N.A.
DUP 1065346	QC		N.A.	N.A.
1065381	Drill Core		N.A.	N.A.
DUP 1065381	QC		N.A.	N.A.
Reference Materials				
STD AGPROOF	Standard		96	<0.9
STD CDN-ME-3	Standard		267	9.6
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD OREAS131B	Standard	35		
STD OXH82	Standard			

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		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		1.297																		
STD OXH82	Standard		1.354																		
STD OXH82	Standard		1.358																		
STD OXH82	Standard		1.299																		
STD OXK79	Standard		3.507																		
STD OXK79	Standard		3.339																		
STD OXK79	Standard		3.513																		
STD OXK79	Standard		3.536																		
STD R4T	Standard																				
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 R4T Expected																					
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD CDN-ME-3 Expected																					
STD AGPROOF Expected																					
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		<0.005																		
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

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QUALITY CONTROL REPORT WHI11000486.2

		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 Pb % 0.02	7TD Zn % 0.01
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 R4T	Standard																			1.61	3.40
STD SU-1B	Standard																			0.03	0.02
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 R4T Expected																				1.518	3.376
STD OREAS131B Expected																				1.86	3.14
STD SU-1B Expected																				0.0058	0.0235
STD OXH82 Expected																					
STD OXK79 Expected																					
STD CDN-ME-3 Expected																					
STD AGPROOF Expected																					
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																				
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		

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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: Charlotte Project
Report Date: October 06, 2011

QUALITY CONTROL REPORT WHI11000486.2

		7TD Ag gm/t 2	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
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 R4T	Standard	88		
STD SU-1B	Standard	9		
STD DS8 Expected				
STD R4T Expected		86		
STD OREAS131B Expected		33.3		
STD SU-1B Expected		6.4		
STD OXH82 Expected				
STD OXK79 Expected				
STD CDN-ME-3 Expected			276	9.77
STD AGPROOF Expected			94	0
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			

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		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																				
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		<0.005	0.1	1.8	3.2	48	<0.1	3.7	4.6	582	1.99	<0.5	<0.5	5.9	66	<0.1	<0.1	<0.1	38	0.55
G1	Prep Blank		<0.005	0.1	1.7	2.8	45	<0.1	3.9	4.5	564	1.98	<0.5	<0.5	5.7	63	<0.1	<0.1	<0.1	38	0.53

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		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 Pb % 0.02	7TD Zn % 0.01
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																			<0.02	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.077	11	7	0.59	236	0.122	<1	1.04	0.092	0.49	<0.1	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.077	11	7	0.57	227	0.114	<1	1.00	0.083	0.47	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2		

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QUALITY CONTROL REPORT WHI11000486.2

		7TD Ag gm/t 2	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
BLK	Blank			
BLK	Blank	<2		
BLK	Blank			
BLK	Blank			
BLK	Blank		<50	<0.9
BLK	Blank		<50	<0.9
Prep Wash				
G1	Prep Blank		N.A.	N.A.
G1	Prep Blank		N.A.	N.A.

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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: July 08, 2011
Report Date: July 28, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS WHI11000514.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID:
P.O. Number
Number of Samples: 154

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	147	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	154	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	154	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6	4	Lead collection fire assay fusion - Grav finish	30	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: Nicola Struyk
Peter Dadson
Bernie Dewonek

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000514.1

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
1065392	Drill Core	1.85	0.011	94.8	94.4	10.9	381	0.9	20.2	17.2	5341	3.62	265.3	12.0	2.2	21	2.5	26.6	0.5	37	1.70
1065393	Drill Core	2.18	0.012	80.2	178.6	8.3	73	1.2	17.2	12.2	1531	3.22	140.2	11.2	1.3	28	0.3	26.8	0.5	15	2.00
1065394	Drill Core	1.77	0.078	9.3	102.0	87.6	118	10.7	20.0	11.5	1706	4.00	289.8	70.6	0.8	18	1.3	46.0	0.7	11	1.55
1065395	Drill Core	2.74	0.017	28.9	143.2	237.6	236	1.1	15.3	14.3	2588	4.45	196.5	19.0	1.4	62	1.3	35.5	0.6	80	3.95
1065396	Drill Core	1.85	0.006	87.0	75.1	6.0	98	0.2	13.2	13.5	2122	3.74	84.5	2.5	1.6	69	0.3	17.3	0.4	88	4.55
1065397	Drill Core	0.96	0.012	697.2	110.7	7.0	87	0.2	18.1	15.2	1878	4.04	73.1	2.9	1.6	62	<0.1	24.9	0.5	84	4.35
1065398	Drill Core	2.49	0.007	47.0	117.5	5.4	48	0.2	13.0	11.6	1041	3.10	27.8	2.9	2.2	32	0.2	25.9	0.3	40	1.85
1065399	Drill Core	2.44	<0.005	26.0	144.1	5.9	94	0.2	9.3	16.5	1331	3.86	67.1	1.4	1.2	59	0.1	20.9	0.3	72	3.10
1065400	Drill Core	2.35	<0.005	3.9	82.5	5.8	69	0.4	6.3	13.0	797	3.31	32.0	3.0	1.5	57	0.1	7.8	0.2	38	2.80
1065401	Drill Core	2.45	<0.005	53.4	65.4	3.0	33	0.2	3.1	8.4	642	2.48	8.6	6.6	4.4	66	<0.1	4.5	0.3	23	2.30
1065402	Drill Core	1.92	<0.005	11.1	40.3	4.3	118	<0.1	3.6	9.1	971	2.79	20.2	1.9	4.9	51	0.2	7.7	0.3	21	2.17
1065403	Drill Core	1.34	<0.005	279.4	77.4	3.4	41	0.2	6.3	10.3	943	3.45	6.1	4.2	1.8	69	<0.1	3.5	0.3	39	3.40
1065404	Drill Core	3.19	<0.005	61.1	211.3	4.7	30	0.2	7.5	16.9	810	3.71	3.2	0.5	0.8	112	<0.1	12.7	0.3	70	3.87
1065405	Drill Core	1.34	<0.005	76.0	132.3	3.8	40	0.2	7.0	11.8	1068	3.83	8.0	<0.5	4.5	53	<0.1	20.4	0.2	68	2.64
1065406	Drill Core	1.99	<0.005	23.5	146.8	5.2	37	0.2	6.6	13.8	892	3.62	67.0	1.0	3.0	92	<0.1	14.4	0.2	55	3.81
1065407	Rock Pulp	0.14	>10	8.3	117.7	17.3	58	>100	15.6	11.3	602	3.56	232.2	13180	3.0	72	0.5	8.5	16.7	70	1.63
1065408	Drill Core	2.52	<0.005	62.3	112.1	4.6	34	0.2	7.9	13.7	833	3.13	50.3	14.4	1.0	67	<0.1	21.1	0.2	45	3.10
1065409	Sand	0.31	0.065	27.8	78.3	98.0	204	9.8	12.4	8.1	1140	3.18	278.4	79.8	2.1	34	1.9	35.2	0.7	17	1.21
1065410	Drill Core	1.96	<0.005	79.6	108.6	5.1	38	0.2	8.2	14.6	713	4.10	20.4	14.5	2.2	45	0.1	20.2	0.4	48	2.19
1065411	Drill Core	2.80	<0.005	184.9	108.7	4.1	27	0.2	6.5	11.5	810	3.22	14.2	10.1	1.3	62	<0.1	12.9	0.3	64	2.70
1065412	Drill Core	2.54	<0.005	272.7	123.7	3.3	29	0.3	8.2	15.5	858	3.08	12.6	8.0	1.4	43	<0.1	11.9	0.3	61	2.45
1065413	Drill Core	1.12	<0.005	161.8	55.2	3.7	25	0.1	6.1	8.4	637	2.82	5.5	5.9	2.2	48	0.1	4.4	0.2	52	2.27
1065414	Drill Core	1.97	<0.005	17.5	144.7	11.1	27	0.4	9.5	15.7	673	3.56	15.8	6.3	3.6	88	0.2	9.1	0.3	58	3.40
1065415	Drill Core	1.04	0.008	8.4	267.5	5.6	48	0.4	21.2	28.9	1084	5.65	49.6	7.2	1.3	76	0.2	39.5	0.6	83	3.98
1065416	Sand	1.44	0.064	32.6	66.5	84.9	211	5.8	11.6	8.6	1287	3.18	272.6	65.5	2.2	26	1.3	30.0	0.7	17	1.01
1065417	Rock	1.18	<0.005	0.5	3.2	1.1	13	<0.1	2.1	0.6	203	0.42	3.8	7.1	<0.1	39	<0.1	0.2	<0.1	<2	20.68
1065418	Drill Core	1.81	<0.005	37.2	120.8	5.7	50	0.3	13.7	17.0	1262	4.48	20.3	6.1	1.3	38	0.1	34.8	0.3	71	2.01
1065419	Drill Core	1.39	0.026	19.9	53.7	4.8	25	3.3	9.8	15.0	2066	3.51	93.5	23.6	1.8	36	<0.1	11.6	0.2	15	2.65
1065420	Drill Core	2.52	0.005	69.2	197.7	7.4	63	0.6	8.7	15.1	1132	3.54	28.5	6.6	1.1	47	0.1	43.4	0.3	33	3.06
1065421	Drill Core	2.55	<0.005	13.4	74.7	3.6	41	0.1	6.0	8.5	695	2.25	11.6	4.6	3.6	34	<0.1	15.9	0.2	16	1.89

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Project: Charlotte Project
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000514.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Ag
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	0.9	2
1065392	Drill Core	0.095	7	11	0.48	58	<0.001	4	0.65	0.002	0.14	0.1	0.10	9.0	0.3	1.84	1	2.4	<0.2	N.A.	
1065393	Drill Core	0.070	4	12	0.60	23	<0.001	2	0.31	0.002	0.14	0.2	0.08	5.3	0.5	2.57	<1	2.7	<0.2	N.A.	
1065394	Drill Core	0.130	4	7	0.42	22	<0.001	3	0.28	0.001	0.15	0.2	0.06	3.5	0.4	3.91	<1	2.9	0.2	N.A.	
1065395	Drill Core	0.065	6	12	1.17	55	<0.001	3	0.61	0.002	0.12	0.1	0.07	15.8	0.3	2.11	1	2.2	<0.2	N.A.	
1065396	Drill Core	0.065	7	12	1.44	80	<0.001	1	0.64	0.002	0.07	0.1	0.03	14.0	0.2	1.49	1	1.1	<0.2	N.A.	
1065397	Drill Core	0.068	7	12	1.30	48	<0.001	3	0.49	0.002	0.06	0.2	0.06	13.6	0.2	2.08	1	2.6	<0.2	N.A.	
1065398	Drill Core	0.051	8	8	0.54	61	<0.001	2	0.56	0.001	0.09	0.1	0.13	9.1	0.2	1.70	1	2.2	<0.2	N.A.	
1065399	Drill Core	0.062	7	6	0.97	65	<0.001	2	0.64	0.002	0.10	0.1	0.11	14.0	0.8	1.85	1	1.9	<0.2	N.A.	
1065400	Drill Core	0.060	6	3	0.85	60	<0.001	2	0.80	0.020	0.09	<0.1	<0.01	8.6	0.1	2.12	1	1.7	<0.2	N.A.	
1065401	Drill Core	0.079	9	4	0.74	104	<0.001	3	0.64	0.024	0.14	<0.1	0.02	3.2	0.2	1.26	1	1.4	<0.2	N.A.	
1065402	Drill Core	0.089	10	4	0.78	35	<0.001	2	0.63	0.003	0.15	0.1	0.09	3.6	0.2	1.17	2	0.7	<0.2	N.A.	
1065403	Drill Core	0.066	7	6	0.96	77	<0.001	2	0.74	0.005	0.16	<0.1	0.04	6.8	0.2	1.77	1	0.8	<0.2	N.A.	
1065404	Drill Core	0.052	5	8	1.37	52	0.016	3	1.17	0.033	0.11	0.2	<0.01	11.1	0.2	2.33	3	1.9	<0.2	N.A.	
1065405	Drill Core	0.080	14	5	0.89	64	0.010	2	0.99	0.002	0.16	0.1	0.03	14.4	0.2	1.48	3	1.5	<0.2	N.A.	
1065406	Drill Core	0.053	9	6	1.23	33	0.002	2	0.64	0.004	0.09	0.1	0.19	9.4	0.8	2.08	2	2.1	<0.2	N.A.	
1065407	Rock Pulp	0.053	7	24	0.72	118	0.127	4	1.85	0.188	0.21	4.5	0.49	2.3	<0.1	0.18	5	6.0	2.7	11.8	178
1065408	Drill Core	0.049	5	6	1.03	75	<0.001	2	0.63	0.003	0.13	0.1	0.11	7.5	0.7	1.60	1	1.4	<0.2	N.A.	
1065409	Sand	0.054	5	19	0.42	70	0.008	2	0.38	0.012	0.14	35.7	0.03	3.8	0.6	1.72	1	0.8	0.2	N.A.	
1065410	Drill Core	0.059	7	6	0.66	41	<0.001	<1	0.74	0.002	0.08	0.1	0.09	12.2	<0.1	3.00	1	2.6	<0.2	N.A.	
1065411	Drill Core	0.056	7	7	0.69	67	0.028	<1	0.75	0.037	0.10	0.2	0.04	10.5	0.1	1.91	2	1.2	<0.2	N.A.	
1065412	Drill Core	0.074	8	9	0.66	67	0.003	<1	0.72	0.007	0.08	0.2	0.04	11.2	<0.1	1.58	2	1.1	<0.2	N.A.	
1065413	Drill Core	0.086	11	8	0.78	61	0.018	<1	0.94	0.017	0.19	0.2	0.03	10.0	0.1	1.24	2	1.6	<0.2	N.A.	
1065414	Drill Core	0.065	8	11	0.70	58	0.018	1	1.06	0.023	0.15	0.1	0.03	10.7	0.2	2.55	3	1.9	<0.2	N.A.	
1065415	Drill Core	0.066	7	12	1.04	12	<0.001	1	1.05	0.003	0.05	0.1	0.12	15.7	0.2	4.49	2	2.8	<0.2	N.A.	
1065416	Sand	0.052	5	20	0.35	46	0.008	2	0.43	0.015	0.14	16.2	0.08	3.6	0.5	1.81	1	2.4	0.2	N.A.	
1065417	Rock	0.017	<1	<1	11.12	13	<0.001	<1	0.03	0.002	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	N.A.	
1065418	Drill Core	0.073	6	11	0.57	14	0.001	<1	0.64	0.001	0.07	0.2	0.20	18.1	<0.1	1.78	1	1.5	<0.2	N.A.	
1065419	Drill Core	0.039	4	4	0.83	37	<0.001	2	0.40	0.002	0.21	0.2	0.06	5.1	0.3	2.70	<1	1.5	<0.2	N.A.	
1065420	Drill Core	0.050	5	4	1.03	52	<0.001	3	0.49	0.001	0.14	0.1	0.15	8.5	0.2	1.88	1	1.7	<0.2	N.A.	
1065421	Drill Core	0.046	6	5	0.62	109	<0.001	<1	0.55	0.002	0.13	<0.1	0.06	4.5	0.2	1.13	1	0.8	<0.2	N.A.	

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Project: Charlotte Project
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000514.1

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
1065422	Drill Core	1.45	<0.005	33.5	24.7	10.0	112	0.8	4.9	6.5	1987	1.96	31.1	4.9	14.2	31	0.3	7.4	0.3	5	1.71
1065423	Drill Core	2.64	0.012	6.7	12.9	41.5	70	1.4	3.2	8.4	1645	2.17	52.9	13.8	17.7	19	0.5	8.8	0.3	3	1.29
1065424	Drill Core	1.30	<0.005	24.7	28.3	13.0	194	0.5	3.8	7.6	1714	1.91	33.6	11.4	19.9	37	0.3	7.4	0.3	3	1.84
1065425	Drill Core	2.03	<0.005	10.7	80.5	12.4	144	0.3	7.5	8.3	1322	2.48	37.4	5.2	5.0	41	0.3	14.6	0.4	22	2.72
1065426	Drill Core	0.94	<0.005	17.9	35.7	8.5	205	1.1	9.5	9.3	797	2.49	48.3	8.2	10.3	21	0.2	6.1	0.5	14	1.43
1065427	Drill Core	1.62	<0.005	34.1	68.9	5.1	459	0.3	11.9	15.2	864	3.99	94.7	4.4	2.0	14	<0.1	11.0	0.5	35	1.20
1065428	Rock Pulp	0.14	0.417	9.9	130.6	7.5	49	0.2	25.7	33.8	503	3.11	1361	412.6	2.9	73	0.3	2.1	4.6	77	1.37
1065429	Drill Core	1.87	<0.005	9.1	54.1	4.9	65	0.2	8.0	16.9	810	3.31	10.1	6.7	1.1	41	0.1	4.4	1.2	76	2.52
1065430	Drill Core	1.61	0.005	11.8	69.5	7.2	65	0.5	8.0	14.3	1224	3.63	14.8	6.7	1.1	63	0.2	14.5	2.6	68	5.55
1065431	Drill Core	1.54	0.010	4.0	47.9	3.4	23	0.1	5.3	14.1	811	2.59	2.5	3.9	2.0	61	<0.1	3.7	0.6	54	2.63
1065432	Drill Core	1.37	<0.005	8.3	75.8	3.0	23	0.1	4.9	9.6	1180	3.37	3.0	3.2	0.7	61	<0.1	5.4	0.4	47	4.91
1065433	Drill Core	1.78	<0.005	5.7	42.3	4.4	56	0.1	4.7	10.8	616	2.32	3.9	3.4	4.0	40	<0.1	2.7	0.4	37	2.44
1065434	Drill Core	1.56	<0.005	9.7	32.0	5.6	85	0.2	4.4	10.2	1246	2.81	10.7	6.3	3.4	36	0.1	9.2	0.5	39	2.86
1065435	Drill Core	1.48	<0.005	5.4	33.8	5.4	85	0.2	6.1	9.2	1339	2.65	8.8	3.2	4.7	46	<0.1	10.6	0.5	53	3.45
1065436	Drill Core	1.88	<0.005	10.3	42.7	8.1	78	0.2	7.0	9.0	1234	3.10	17.7	3.5	3.7	40	0.1	11.6	0.7	52	3.05
1065437	Drill Core	1.58	<0.005	8.0	22.2	12.4	36	<0.1	4.4	7.1	718	2.06	6.4	1.8	2.9	73	0.2	3.7	0.4	42	3.13
1065438	Drill Core	1.90	<0.005	33.2	40.4	7.1	52	<0.1	10.6	11.4	719	2.61	4.7	3.1	3.8	49	0.1	4.9	0.3	47	2.83
1065439	Drill Core	1.70	<0.005	3.2	20.9	2.3	23	<0.1	8.0	6.5	340	1.79	1.5	1.6	3.6	45	<0.1	2.3	0.2	26	1.47
1065440	Drill Core	1.94	<0.005	7.4	30.8	8.4	38	0.1	5.0	6.9	759	2.32	12.7	2.1	3.9	42	<0.1	6.7	0.3	27	2.64
1065441	Drill Core	1.87	<0.005	2.4	68.6	10.9	77	0.1	4.8	10.8	1043	2.99	13.9	1.6	1.7	56	0.3	20.9	0.3	38	4.02
1065442	Drill Core	1.53	<0.005	4.0	68.6	18.6	56	0.2	9.2	14.2	1121	3.48	17.4	5.1	1.4	55	<0.1	15.3	0.3	53	3.20
1065443	Drill Core	0.87	<0.005	8.2	71.2	18.6	54	0.3	9.2	14.4	1328	3.56	18.0	5.5	1.4	71	0.1	13.1	0.3	56	3.70
1065444	Drill Core	1.73	<0.005	21.8	39.1	2.9	22	<0.1	5.9	5.9	605	2.04	7.8	1.5	3.8	60	<0.1	5.6	0.2	13	3.28
1065445	Drill Core	0.67	<0.005	46.1	31.0	3.2	16	<0.1	3.2	5.0	521	1.37	7.1	1.7	3.6	41	<0.1	5.1	0.2	10	2.81
1065446	Drill Core	0.86	<0.005	51.4	51.9	5.8	22	0.3	6.5	4.8	691	1.92	29.0	4.3	4.1	32	0.1	8.7	0.4	7	2.12
1065447	Drill Core	1.80	<0.005	17.8	88.7	4.0	47	0.1	8.5	12.6	816	3.38	13.7	3.2	2.0	40	0.3	18.8	0.8	51	2.68
1065448	Rock Pulp	0.14	>10	8.3	114.8	17.2	55	>100	14.3	10.9	588	3.45	232.5	12119	3.0	74	0.3	8.9	18.1	70	1.67
1065449	Drill Core	1.49	0.011	6.4	229.2	4.2	63	0.6	13.5	14.3	745	4.64	15.3	35.2	1.7	45	0.4	27.8	2.1	31	3.17
1065450	Drill Core	1.18	0.010	2.4	234.3	12.0	140	0.9	13.7	16.9	650	5.41	29.6	14.6	1.6	25	1.6	39.5	1.6	38	2.09
1065451	Drill Core	1.47	0.007	27.7	103.4	3.5	48	0.5	8.7	11.2	670	3.89	14.2	13.3	1.2	40	0.2	18.3	0.7	24	3.33

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Project: Charlotte Project
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000514.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Ag
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	0.9	2
1065422	Drill Core	0.040	18	2	0.63	98	<0.001	4	0.36	0.002	0.20	0.2	0.06	2.0	0.4	1.29	<1	0.9	<0.2	N.A.	
1065423	Drill Core	0.032	19	5	0.46	53	<0.001	2	0.31	0.002	0.23	0.2	0.12	1.1	0.6	1.93	<1	<0.5	<0.2	N.A.	
1065424	Drill Core	0.034	28	<1	0.45	75	<0.001	1	0.34	0.003	0.16	0.3	0.06	1.4	0.4	0.97	<1	0.9	<0.2	N.A.	
1065425	Drill Core	0.059	11	4	0.90	81	<0.001	4	0.43	0.003	0.15	0.1	0.03	7.2	0.2	1.32	<1	1.3	<0.2	N.A.	
1065426	Drill Core	0.075	14	4	0.50	75	<0.001	4	0.57	0.002	0.16	2.2	0.03	4.7	0.2	1.12	1	1.2	<0.2	N.A.	
1065427	Drill Core	0.061	7	4	0.38	22	<0.001	2	1.12	0.004	0.10	0.2	0.04	8.3	0.1	1.13	2	0.6	<0.2	N.A.	
1065428	Rock Pulp	0.056	7	45	0.75	126	0.119	4	1.65	0.186	0.26	0.4	<0.01	2.6	<0.1	0.11	5	1.9	0.6	N.A.	
1065429	Drill Core	0.065	6	6	0.56	27	0.001	2	0.66	0.001	0.08	0.2	0.06	15.6	<0.1	2.48	2	0.7	0.2	N.A.	
1065430	Drill Core	0.060	7	6	0.56	51	0.002	2	1.03	0.001	0.13	0.1	0.11	12.0	0.1	2.22	3	1.7	0.4	N.A.	
1065431	Drill Core	0.057	6	7	0.62	32	0.055	2	0.98	0.050	0.06	0.2	<0.01	6.3	<0.1	1.71	3	1.1	<0.2	N.A.	
1065432	Drill Core	0.046	7	6	0.81	35	0.010	2	1.66	0.020	0.08	0.2	<0.01	6.0	<0.1	2.44	4	1.2	<0.2	N.A.	
1065433	Drill Core	0.094	12	4	0.52	94	0.003	2	0.91	0.017	0.08	<0.1	0.03	5.3	<0.1	1.15	3	0.8	<0.2	N.A.	
1065434	Drill Core	0.070	8	4	0.89	81	0.004	5	0.56	0.002	0.18	0.1	0.07	8.0	0.1	1.64	2	<0.5	<0.2	N.A.	
1065435	Drill Core	0.090	13	10	1.11	82	<0.001	1	0.57	0.003	0.07	0.1	0.04	5.9	<0.1	1.36	2	0.9	<0.2	N.A.	
1065436	Drill Core	0.070	12	5	0.98	64	<0.001	2	0.56	0.003	0.09	0.1	0.05	8.9	<0.1	1.95	1	0.8	<0.2	N.A.	
1065437	Drill Core	0.068	10	5	0.59	79	0.001	2	0.83	0.019	0.08	<0.1	0.06	7.7	<0.1	1.36	2	0.9	<0.2	N.A.	
1065438	Drill Core	0.054	12	11	0.91	64	0.002	2	1.17	0.018	0.11	<0.1	0.01	6.3	0.1	1.41	3	0.7	<0.2	N.A.	
1065439	Drill Core	0.034	8	12	0.86	59	0.007	2	1.06	0.033	0.10	<0.1	<0.01	5.0	<0.1	0.97	3	0.8	<0.2	N.A.	
1065440	Drill Core	0.070	10	4	0.75	62	0.001	3	0.62	0.002	0.13	<0.1	0.06	5.7	0.1	1.22	2	0.8	<0.2	N.A.	
1065441	Drill Core	0.059	4	4	1.21	40	0.002	3	0.55	0.003	0.14	0.1	0.04	8.0	0.2	1.73	1	0.6	<0.2	N.A.	
1065442	Drill Core	0.052	6	5	0.93	41	<0.001	2	0.48	0.002	0.11	0.1	0.08	11.0	0.2	2.62	1	1.5	<0.2	N.A.	
1065443	Drill Core	0.054	6	6	1.11	30	<0.001	2	0.56	0.003	0.11	<0.1	0.08	10.9	0.1	2.55	1	0.9	<0.2	N.A.	
1065444	Drill Core	0.064	8	4	0.94	68	<0.001	2	0.61	0.003	0.17	<0.1	0.02	2.4	0.1	1.02	1	0.9	<0.2	N.A.	
1065445	Drill Core	0.060	7	5	0.79	52	0.001	3	0.49	0.003	0.16	0.1	0.03	2.2	0.2	0.56	1	0.6	<0.2	N.A.	
1065446	Drill Core	0.043	8	2	0.59	29	<0.001	3	0.41	0.002	0.14	0.7	0.03	3.2	0.2	1.13	<1	<0.5	<0.2	N.A.	
1065447	Drill Core	0.078	8	8	0.73	23	0.001	2	0.76	0.002	0.10	0.1	0.03	11.4	<0.1	2.69	2	1.6	<0.2	N.A.	
1065448	Rock Pulp	0.049	7	24	0.72	109	0.124	4	1.70	0.195	0.21	4.2	0.49	2.8	<0.1	0.15	5	5.8	2.4	11.7	184
1065449	Drill Core	0.063	5	5	0.87	31	0.002	2	0.50	0.002	0.12	0.1	0.08	8.0	0.1	4.17	1	2.7	0.4	N.A.	
1065450	Drill Core	0.074	5	4	0.50	19	0.002	3	0.82	0.002	0.16	0.1	0.08	9.4	0.2	5.21	2	2.3	0.3	N.A.	
1065451	Drill Core	0.058	4	4	1.08	41	<0.001	1	0.55	0.003	0.16	0.1	0.04	4.9	0.2	2.92	<1	1.6	<0.2	N.A.	

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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
1065452	Drill Core	3.59	<0.005	54.8	75.1	2.6	35	0.2	9.8	9.0	403	4.22	5.3	10.5	1.6	48	0.2	3.2	0.8	39	2.76
1065453	Drill Core	2.53	<0.005	20.7	134.0	3.8	18	0.2	7.6	9.4	271	2.66	7.0	12.8	3.5	25	<0.1	8.0	0.6	27	1.92
1065454	Drill Core	1.88	<0.005	3.1	45.9	3.2	11	<0.1	8.7	8.6	256	2.83	3.9	5.4	3.6	38	<0.1	4.8	0.3	25	2.34
1065455	Drill Core	2.35	<0.005	22.2	44.0	3.3	10	<0.1	7.1	6.6	399	2.54	3.2	4.5	3.5	48	<0.1	1.2	0.4	20	3.25
1065456	Drill Core	2.50	<0.005	36.8	52.0	3.5	13	<0.1	4.5	6.3	391	2.12	2.2	2.2	2.1	53	<0.1	3.9	0.2	20	3.46
1065457	Drill Core	2.70	0.008	2.9	64.0	3.3	20	0.1	5.7	8.5	314	3.08	6.3	4.4	3.4	39	<0.1	7.2	0.4	28	2.00
1065458	Rock	1.31	<0.005	0.8	1.2	0.8	13	<0.1	0.7	0.3	193	0.38	2.1	<0.5	<0.1	38	<0.1	<0.1	<0.1	<2	22.19
1065459	Drill Core	2.51	<0.005	4.3	40.2	3.9	22	<0.1	4.6	8.5	591	2.73	20.0	3.0	2.5	49	<0.1	9.7	0.4	22	2.94
1065460	Drill Core	2.97	0.005	0.9	22.4	5.0	24	<0.1	3.1	6.7	477	1.64	7.0	2.0	3.9	39	<0.1	6.0	0.2	12	1.96
1065461	Drill Core	2.92	0.021	4.3	30.1	6.0	16	2.2	3.0	6.8	1116	2.22	43.7	15.1	2.9	30	<0.1	9.4	0.2	5	1.60
1065462	Drill Core	2.95	<0.005	8.6	44.1	4.9	32	0.8	4.0	8.4	1156	2.41	10.8	3.9	2.6	43	0.1	12.0	0.3	8	2.70
1065463	Drill Core	2.97	<0.005	4.5	35.6	8.1	33	2.0	3.8	8.4	1128	2.50	8.5	4.3	2.4	40	0.1	9.8	0.3	5	2.48
1065464	Drill Core	2.74	<0.005	3.9	46.9	4.9	41	0.3	5.8	10.2	1047	3.01	10.2	3.2	1.7	50	<0.1	10.6	0.4	32	3.22
1065465	Drill Core	2.79	<0.005	16.1	36.0	4.8	33	<0.1	6.3	7.0	373	1.66	13.8	1.4	2.6	34	0.1	9.4	0.2	27	1.85
1065466	Drill Core	2.98	<0.005	9.0	80.8	4.6	33	0.1	13.4	12.7	958	3.11	46.4	<0.5	1.8	59	0.1	24.4	0.4	51	3.69
1065467	Drill Core	2.60	<0.005	7.8	32.9	3.4	31	<0.1	7.3	9.7	832	2.38	6.5	2.4	2.0	75	<0.1	6.7	0.2	33	3.42
1065468	Rock Pulp	0.14	0.454	10.0	130.7	7.3	49	0.2	24.8	34.7	460	2.97	1263	366.6	3.0	71	0.2	1.9	4.3	69	1.25
1065469	Drill Core	3.06	<0.005	6.8	68.5	12.5	33	0.4	8.2	9.4	1184	2.45	18.2	15.7	2.4	54	0.2	10.3	0.7	12	3.69
1065470	Drill Core	3.07	<0.005	15.7	50.9	4.7	19	<0.1	6.3	5.2	328	1.64	9.6	3.0	4.9	53	<0.1	8.8	0.3	4	2.05
1065471	Drill Core	2.46	<0.005	3.2	40.4	2.9	22	0.3	4.6	5.0	508	1.70	9.3	2.7	4.0	32	<0.1	5.1	0.3	15	1.78
1065472	Drill Core	2.44	0.013	0.8	34.2	8.2	29	1.3	5.4	10.0	1771	2.49	87.0	12.5	1.8	75	0.1	10.2	0.3	36	3.66
1065473	Drill Core	2.18	0.005	0.7	30.3	5.5	47	0.2	5.9	9.8	1550	2.83	9.8	3.8	2.1	68	0.1	3.5	0.3	40	3.04
1065474	Drill Core	2.14	<0.005	38.9	54.8	9.5	42	0.2	11.1	12.3	684	3.17	3.8	1.1	1.1	91	0.1	4.4	0.4	60	4.28
1065475	Drill Core	3.26	<0.005	3.6	47.6	5.4	35	0.2	11.2	6.1	925	1.94	34.9	1.2	2.2	56	<0.1	12.0	0.2	27	3.01
1065476	Drill Core	1.27	0.052	2.1	27.0	14.4	45	0.8	6.3	10.6	4087	2.54	150.4	40.2	0.8	80	0.2	8.0	0.2	11	5.68
1065477	Drill Core	3.44	0.056	1.8	23.5	15.5	37	0.8	5.3	5.8	3265	2.28	237.2	45.1	2.2	64	0.2	9.3	0.2	5	4.33
1065478	Drill Core	1.48	0.083	1.9	27.8	15.4	41	1.0	6.1	6.3	3365	2.45	260.0	52.6	2.5	69	0.2	10.6	0.2	6	4.78
1065479	Drill Core	3.07	<0.005	3.6	39.2	9.6	29	0.2	9.5	6.8	1516	2.17	130.4	6.9	1.6	48	0.1	13.1	0.4	27	2.59
1065480	Drill Core	3.23	<0.005	1.4	16.3	7.3	20	0.3	2.6	12.4	1162	2.34	63.5	6.1	3.3	39	<0.1	5.8	0.4	12	2.08
1065481	Drill Core	2.21	0.011	2.9	8.7	7.9	21	0.3	2.5	14.2	1309	2.74	61.5	8.9	4.2	31	0.1	4.0	0.6	8	1.55

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Project: Charlotte Project
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000514.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Ag
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	0.9	2
1065452	Drill Core	0.058	6	7	1.02	18	0.005	2	1.27	0.007	0.26	0.1	<0.01	5.5	0.2	3.29	3	2.1	0.5	N.A.	
1065453	Drill Core	0.089	13	5	0.42	36	0.001	1	0.57	0.002	0.12	0.1	0.03	6.1	0.1	2.24	1	1.5	<0.2	N.A.	
1065454	Drill Core	0.066	11	4	0.54	49	0.003	1	0.61	0.004	0.18	0.1	0.05	5.3	0.1	2.50	1	2.4	<0.2	N.A.	
1065455	Drill Core	0.058	15	6	0.70	42	0.003	<1	1.19	0.005	0.16	<0.1	<0.01	3.7	0.1	2.04	3	1.4	<0.2	N.A.	
1065456	Drill Core	0.040	10	7	0.46	76	0.003	2	1.15	0.005	0.16	<0.1	0.01	3.7	<0.1	1.43	2	1.5	<0.2	N.A.	
1065457	Drill Core	0.056	10	5	0.50	42	0.004	1	1.10	0.003	0.16	<0.1	0.05	6.2	0.1	2.04	3	1.3	<0.2	N.A.	
1065458	Rock	0.013	<1	<1	10.99	13	<0.001	<1	0.01	0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	N.A.	
1065459	Drill Core	0.053	6	5	0.72	54	0.002	5	0.48	0.003	0.18	0.1	0.03	6.6	0.2	2.13	1	1.6	<0.2	N.A.	
1065460	Drill Core	0.081	9	3	0.61	46	<0.001	3	0.50	0.002	0.11	<0.1	0.03	1.8	0.1	1.06	1	0.7	<0.2	N.A.	
1065461	Drill Core	0.077	5	3	0.54	31	<0.001	3	0.34	0.003	0.20	0.1	0.03	1.2	0.4	2.20	<1	0.6	<0.2	N.A.	
1065462	Drill Core	0.067	4	3	0.90	47	<0.001	3	0.34	0.003	0.18	<0.1	0.06	3.2	0.3	2.08	<1	1.1	<0.2	N.A.	
1065463	Drill Core	0.061	4	2	0.92	24	<0.001	3	0.29	0.003	0.18	<0.1	0.02	2.5	0.2	2.28	<1	1.1	<0.2	N.A.	
1065464	Drill Core	0.060	6	3	1.09	33	<0.001	2	0.49	0.003	0.13	<0.1	0.06	8.8	0.2	2.02	1	1.1	<0.2	N.A.	
1065465	Drill Core	0.043	5	5	0.54	108	<0.001	2	0.56	0.002	0.08	<0.1	0.04	8.5	0.2	0.89	1	0.8	<0.2	N.A.	
1065466	Drill Core	0.061	8	10	1.08	24	<0.001	3	0.48	0.003	0.06	0.1	0.20	12.8	0.7	2.19	1	2.1	<0.2	N.A.	
1065467	Drill Core	0.071	7	4	1.15	40	0.006	3	1.05	0.011	0.13	<0.1	0.03	8.7	0.3	1.32	2	0.8	<0.2	N.A.	
1065468	Rock Pulp	0.054	6	44	0.72	126	0.124	4	1.58	0.177	0.24	0.4	<0.01	2.5	<0.1	0.12	5	1.7	0.7	N.A.	
1065469	Drill Core	0.067	7	3	0.86	52	<0.001	2	0.32	0.002	0.14	0.1	0.03	5.4	0.1	2.17	<1	1.5	<0.2	N.A.	
1065470	Drill Core	0.034	11	4	0.52	81	<0.001	2	0.45	0.002	0.13	<0.1	0.02	3.4	0.1	1.40	<1	0.9	<0.2	N.A.	
1065471	Drill Core	0.048	10	3	0.46	72	0.001	2	0.41	0.002	0.11	<0.1	0.03	6.7	0.1	1.19	1	0.6	<0.2	N.A.	
1065472	Drill Core	0.059	6	5	0.95	52	<0.001	3	0.48	0.003	0.12	0.1	0.11	9.8	0.9	1.59	1	<0.5	<0.2	N.A.	
1065473	Drill Core	0.047	6	6	1.31	54	0.015	3	0.98	0.029	0.13	0.2	<0.01	8.0	0.1	1.31	3	0.5	<0.2	N.A.	
1065474	Drill Core	0.058	5	15	1.49	40	0.017	2	1.59	0.040	0.15	0.5	<0.01	9.7	0.1	1.83	4	1.2	<0.2	N.A.	
1065475	Drill Core	0.065	6	10	1.04	81	<0.001	3	0.37	0.004	0.14	0.2	0.08	7.2	0.3	1.13	1	1.4	<0.2	N.A.	
1065476	Drill Core	0.043	5	3	1.90	63	<0.001	4	0.34	0.003	0.23	0.2	0.02	6.2	0.4	1.69	<1	1.0	<0.2	N.A.	
1065477	Drill Core	0.047	3	3	1.47	53	<0.001	3	0.25	0.003	0.16	0.2	0.06	3.6	0.5	1.56	<1	0.9	<0.2	N.A.	
1065478	Drill Core	0.049	4	3	1.58	70	<0.001	3	0.24	0.003	0.16	0.2	0.05	4.0	0.5	1.63	<1	1.0	<0.2	N.A.	
1065479	Drill Core	0.051	3	7	0.87	35	<0.001	2	0.38	0.002	0.11	0.3	0.19	8.0	1.7	1.79	<1	0.9	<0.2	N.A.	
1065480	Drill Core	0.047	7	1	0.71	51	<0.001	3	0.42	0.002	0.15	0.1	0.08	3.4	0.8	2.13	<1	1.4	<0.2	N.A.	
1065481	Drill Core	0.069	9	1	0.54	20	<0.001	4	0.42	0.003	0.22	0.3	0.06	4.0	0.7	2.97	<1	1.6	<0.2	N.A.	

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Project: Charlotte Project
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000514.1

	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
1065482	Drill Core	2.96	0.391	2.0	4.8	28.8	29	0.8	1.1	1.9	1484	1.00	117.2	311.2	0.6	16	0.3	6.7	0.4	<2	0.81
1065483	Drill Core	2.82	0.986	1.9	7.9	21.3	23	1.3	3.6	4.5	3772	1.88	1332	860.7	1.6	48	0.2	15.2	0.4	2	3.00
1065484	Drill Core	2.04	0.101	2.4	12.0	8.5	25	1.0	5.0	7.2	4498	2.73	608.6	100.2	2.4	76	0.3	6.2	0.2	3	5.27
1065485	Drill Core	2.64	0.171	3.2	20.6	7.6	18	2.5	5.6	6.0	4646	2.64	681.1	159.0	2.9	53	0.2	10.4	0.2	4	4.12
1065486	Drill Core	1.71	0.042	2.8	45.7	10.2	38	0.6	8.0	5.4	1724	2.32	230.1	48.1	1.5	56	0.2	18.7	0.6	26	3.14
1065487	Drill Core	2.60	0.018	8.9	23.4	11.5	29	0.4	7.9	6.7	1931	3.24	178.5	16.4	1.6	63	<0.1	9.0	0.8	35	3.44
1065488	Rock Pulp	0.14	>10	7.5	105.0	14.8	52	>100	13.5	9.9	515	3.06	205.2	10513	2.7	65	0.3	7.8	16.2	60	1.38
1065489	Drill Core	2.18	<0.005	4.8	25.0	11.9	17	0.5	10.1	6.1	1751	3.02	164.3	5.4	1.5	73	<0.1	10.7	1.1	42	4.22
1065490	Drill Core	1.01	0.081	5.4	35.1	16.5	91	3.1	5.1	4.3	1394	2.89	342.9	71.1	2.5	63	1.4	16.6	0.8	5	3.82
1065491	Drill Core	1.55	0.008	2.8	20.5	5.2	7	0.5	2.7	3.2	721	1.53	45.5	14.2	2.1	96	<0.1	7.5	0.3	4	5.68
1065492	Drill Core	1.73	0.012	3.1	28.7	7.4	6	1.7	4.2	2.5	630	1.31	48.9	9.9	1.8	31	<0.1	10.0	0.2	<2	1.57
1065493	Drill Core	1.62	0.021	34.1	42.4	9.1	19	1.6	10.7	6.0	1709	2.47	89.4	20.4	2.4	41	0.2	13.9	0.4	<2	2.48
1065494	Drill Core	1.68	0.605	7.2	27.9	8.7	25	4.7	8.7	8.2	949	3.12	458.1	526.7	2.3	17	0.3	14.0	0.4	3	0.81
1065495	Drill Core	2.43	0.127	5.1	45.7	25.1	51	13.2	6.4	5.6	802	2.29	259.7	126.6	2.1	11	0.6	25.5	0.7	<2	0.62
1065496	Drill Core	1.50	0.461	5.8	30.0	81.3	288	5.2	8.2	6.1	766	3.39	1756	422.8	2.4	26	3.5	20.9	0.5	2	1.53
1065497	Drill Core	1.57	0.168	3.1	59.5	87.8	358	17.6	9.2	5.0	925	2.85	637.1	159.5	3.4	25	4.3	30.1	0.7	5	1.42
1065498	Drill Core	1.57	0.274	11.3	95.8	104.1	183	21.5	3.1	6.9	2041	4.37	702.2	257.5	0.5	74	2.7	61.4	0.8	7	3.73
1065499	Rock	1.03	<0.005	<0.1	1.2	1.1	12	<0.1	1.4	0.7	172	0.37	2.7	2.1	0.1	36	<0.1	<0.1	<0.1	<2	19.62
1065500	Drill Core	1.72	0.148	13.3	79.3	47.6	62	19.2	4.2	6.6	1994	4.00	358.5	154.6	0.8	93	0.9	50.6	0.9	8	4.63
1065501	Drill Core	2.27	0.218	6.0	43.1	42.8	104	7.6	2.9	4.6	2239	3.83	467.9	214.6	0.6	102	1.7	34.7	0.9	8	4.85
1065502	Drill Core	2.31	0.144	3.7	17.0	48.0	25	5.6	3.7	3.3	1307	3.89	298.6	133.7	1.1	56	0.5	19.3	3.2	10	2.57
1065503	Drill Core	2.60	0.554	19.1	10.4	399.1	14	20.3	3.5	6.0	1062	6.98	910.0	502.9	0.8	30	0.3	90.7	33.7	4	1.59
1065504	Drill Core	2.12	0.779	6.1	11.8	286.5	403	1.4	3.5	5.8	415	3.68	1005	677.5	1.3	21	5.8	27.0	0.8	5	1.06
1065505	Drill Core	2.19	0.086	6.6	81.8	132.6	425	43.8	2.9	4.0	1079	2.45	157.5	155.5	1.5	40	5.8	53.6	0.8	3	1.94
1065506	Drill Core	1.10	0.044	28.7	38.7	7.9	16	11.7	9.1	2.9	883	1.61	253.8	43.6	1.3	30	0.3	20.2	0.6	3	1.52
1065507	Drill Core	1.88	0.067	23.7	61.0	15.2	73	3.1	4.4	5.4	1993	2.49	264.1	59.7	1.3	29	0.7	24.9	1.2	4	2.23
1065508	Drill Core	2.02	0.238	4.6	48.4	8.7	52	2.4	9.2	10.1	3041	3.30	283.3	207.8	1.5	56	0.3	18.1	0.4	9	4.36
1065509	Rock Pulp	0.14	0.415	9.0	132.1	6.4	51	0.2	26.7	34.8	507	3.12	1340	327.0	2.5	77	0.2	2.0	3.5	77	1.52
1065510	Drill Core	1.69	0.014	810.7	14.4	10.6	13	0.2	4.6	10.2	1520	2.26	21.3	19.0	3.1	60	<0.1	5.7	0.6	4	3.83
1065511	Drill Core	2.65	0.034	77.9	97.4	27.8	110	1.2	7.3	19.8	1114	3.47	33.1	32.8	3.2	51	0.9	28.1	0.5	11	2.82

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Ag
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	0.9	2
1065482	Drill Core	0.003	1	4	0.30	35	<0.001	2	0.16	0.001	0.12	<0.1	0.06	0.4	0.6	0.88	<1	<0.5	<0.2	N.A.	
1065483	Drill Core	0.037	4	4	1.04	43	<0.001	3	0.26	0.002	0.16	0.2	0.19	2.4	0.8	1.56	<1	<0.5	<0.2	N.A.	
1065484	Drill Core	0.052	4	2	1.84	50	<0.001	3	0.27	0.003	0.18	0.2	0.15	3.1	0.5	2.39	<1	0.9	<0.2	N.A.	
1065485	Drill Core	0.050	4	3	1.38	39	<0.001	3	0.30	0.003	0.18	0.2	0.09	4.1	0.7	2.43	<1	1.1	<0.2	N.A.	
1065486	Drill Core	0.047	4	5	1.05	28	<0.001	1	0.35	0.002	0.09	0.2	0.30	7.9	2.5	1.89	<1	<0.5	<0.2	N.A.	
1065487	Drill Core	0.060	5	6	1.18	20	<0.001	3	0.48	0.003	0.14	0.2	0.23	10.7	1.8	2.98	1	1.1	<0.2	N.A.	
1065488	Rock Pulp	0.044	6	22	0.64	102	0.117	3	1.49	0.166	0.18	4.1	0.43	2.3	<0.1	0.15	4	4.2	2.4	11.3	164
1065489	Drill Core	0.052	5	8	1.35	20	<0.001	3	0.40	0.004	0.09	0.2	0.20	10.3	2.4	2.49	1	1.0	0.3	N.A.	
1065490	Drill Core	0.045	5	2	0.85	24	<0.001	2	0.35	0.003	0.13	0.2	0.04	4.8	0.5	2.81	1	1.0	0.3	N.A.	
1065491	Drill Core	0.032	2	3	0.35	56	<0.001	1	0.20	0.002	0.08	<0.1	0.04	2.4	0.3	1.47	<1	0.6	<0.2	N.A.	
1065492	Drill Core	0.018	4	5	0.27	29	<0.001	2	0.22	0.002	0.13	<0.1	0.18	1.3	0.7	1.24	<1	0.8	<0.2	N.A.	
1065493	Drill Core	0.031	3	4	0.61	23	<0.001	2	0.24	0.002	0.13	0.2	0.08	1.8	0.4	2.48	<1	0.8	<0.2	N.A.	
1065494	Drill Core	0.053	5	5	0.25	36	<0.001	3	0.30	0.002	0.18	0.2	0.15	1.9	0.8	3.32	<1	2.0	<0.2	N.A.	
1065495	Drill Core	0.042	3	6	0.18	28	<0.001	2	0.24	0.002	0.17	0.2	0.19	1.4	0.7	2.61	<1	1.3	0.3	N.A.	
1065496	Drill Core	0.032	3	6	0.25	27	<0.001	2	0.28	0.003	0.17	0.2	0.27	1.5	1.2	3.69	<1	1.4	<0.2	N.A.	
1065497	Drill Core	0.046	5	5	0.44	29	<0.001	2	0.25	0.003	0.17	0.2	0.62	2.1	2.5	2.99	<1	1.2	<0.2	N.A.	
1065498	Drill Core	0.026	1	7	1.28	30	<0.001	2	0.23	0.003	0.17	0.3	0.35	1.9	2.1	3.80	<1	2.5	0.3	N.A.	
1065499	Rock	0.015	<1	<1	10.32	12	0.001	<1	0.04	0.004	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	N.A.	
1065500	Drill Core	0.024	2	8	1.43	37	<0.001	3	0.26	0.004	0.19	0.2	0.06	1.7	0.7	3.59	<1	2.1	0.2	N.A.	
1065501	Drill Core	0.023	2	4	1.54	28	<0.001	3	0.23	0.003	0.15	0.1	0.09	1.4	0.7	3.40	<1	1.9	1.3	N.A.	
1065502	Drill Core	0.029	2	6	0.84	33	<0.001	3	0.26	0.003	0.16	0.2	0.09	1.8	0.9	3.92	<1	1.3	1.9	N.A.	
1065503	Drill Core	0.046	2	<1	0.44	24	<0.001	3	0.27	0.002	0.16	0.2	0.11	1.7	0.6	7.77	<1	3.1	4.6	N.A.	
1065504	Drill Core	0.068	2	11	0.29	24	<0.001	3	0.29	0.002	0.18	0.4	0.07	1.2	0.5	3.99	<1	1.7	<0.2	N.A.	
1065505	Drill Core	0.038	3	6	0.61	29	<0.001	4	0.28	0.002	0.16	0.2	0.06	1.8	0.3	2.49	<1	0.7	<0.2	N.A.	
1065506	Drill Core	0.022	5	7	0.49	68	<0.001	3	0.28	0.002	0.16	0.3	0.03	2.3	0.1	1.49	<1	0.7	<0.2	N.A.	
1065507	Drill Core	0.039	2	3	0.73	23	<0.001	3	0.28	0.002	0.15	0.2	0.03	2.8	0.2	2.33	<1	1.2	<0.2	N.A.	
1065508	Drill Core	0.043	3	5	1.53	22	<0.001	2	0.38	0.003	0.17	0.2	0.02	4.4	0.2	3.00	<1	1.5	<0.2	N.A.	
1065509	Rock Pulp	0.055	6	48	0.76	119	0.135	3	1.90	0.225	0.28	0.4	<0.01	3.0	<0.1	0.13	5	0.9	0.6	N.A.	
1065510	Drill Core	0.018	6	3	1.47	33	<0.001	2	0.39	0.003	0.20	0.3	0.02	2.1	0.2	1.95	<1	1.3	<0.2	N.A.	
1065511	Drill Core	0.048	5	7	1.03	19	<0.001	2	0.36	0.003	0.15	0.3	0.05	2.7	0.2	3.48	<1	1.9	<0.2	N.A.	

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Project: Charlotte Project
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000514.1

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
1065512	Drill Core	2.58	<0.005	12.8	104.9	10.7	42	0.1	8.9	12.3	840	3.72	64.6	5.4	2.7	63	0.2	20.6	0.6	27	3.49
1065513	Drill Core	1.19	<0.005	27.5	98.6	6.9	17	0.1	12.9	12.1	634	3.72	67.1	2.3	1.8	44	0.1	17.2	0.7	28	2.55
1065514	Drill Core	1.07	0.019	7.7	20.9	32.4	130	0.7	6.1	8.7	711	2.29	33.1	21.3	1.2	21	1.2	5.5	0.3	3	1.25
1065515	Drill Core	1.50	0.269	4.1	9.0	22.4	70	1.0	7.1	8.8	3460	3.18	139.0	241.4	1.0	94	0.7	5.6	0.2	3	6.23
1065516	Drill Core	1.76	0.110	3.2	14.2	28.6	35	1.6	6.3	36.9	1937	4.41	149.4	109.6	2.3	27	0.3	7.8	0.3	3	1.73
1065517	Drill Core	1.66	0.021	2.9	21.3	20.7	37	1.4	6.7	6.2	2652	3.09	43.6	20.2	2.7	62	0.3	8.5	0.4	9	4.04
1065518	Drill Core	1.58	0.010	2.3	9.0	8.7	24	0.2	10.8	7.4	2211	2.31	35.3	10.5	1.0	71	0.2	4.0	0.1	5	4.85
1065519	Drill Core	1.64	0.009	1.5	12.0	11.3	30	0.4	6.2	5.1	2577	2.19	33.4	7.7	0.9	75	0.2	4.4	0.1	9	5.45
1065520	Drill Core	1.24	0.044	12.9	29.5	27.5	44	1.4	4.6	7.2	1758	3.03	65.2	38.2	1.6	66	0.3	15.3	0.4	8	3.79
1065521	Rock	0.90	<0.005	0.2	0.4	0.9	11	<0.1	0.4	0.6	184	0.38	2.9	1.0	<0.1	36	<0.1	<0.1	<0.1	<2	20.57
1065522	Drill Core	1.44	0.135	10.6	17.0	214.9	149	4.6	5.0	13.1	984	7.39	330.0	104.7	1.7	42	1.8	32.0	0.7	5	2.24
1065523	Drill Core	1.35	0.049	4.3	192.9	205.1	310	13.8	7.6	20.3	2279	6.31	172.2	42.8	1.5	54	3.3	83.7	1.0	6	4.03
1065524	Drill Core	1.30	0.018	1.3	19.8	9.8	29	1.1	5.7	5.9	3157	3.08	67.7	19.6	1.0	88	0.3	7.8	0.2	8	6.22
1065525	Drill Core	1.55	0.025	1.3	202.9	37.2	55	14.4	5.6	12.3	2064	6.03	242.5	24.1	1.6	65	0.6	95.5	0.8	21	4.18
1065526	Drill Core	0.86	0.012	2.6	62.1	13.6	25	1.8	10.7	6.3	997	3.30	108.0	7.0	1.5	57	0.2	22.9	0.6	25	3.00
1065527	Drill Core	1.61	0.624	4.1	25.8	208.6	833	2.4	7.4	6.5	802	2.56	441.0	699.7	1.3	28	12.9	19.4	0.2	6	1.74
1065528	Drill Core	1.85	0.100	3.4	18.0	80.9	141	0.8	6.3	4.8	441	1.79	193.9	92.2	1.4	23	2.2	9.4	0.2	10	1.15
1065529	Drill Core	1.76	0.011	107.2	34.9	16.8	77	0.3	8.9	7.2	990	2.87	33.3	7.1	1.6	48	0.2	10.7	0.3	36	3.04
1065530	Drill Core	2.44	<0.005	1.5	65.1	6.7	42	0.1	12.3	6.5	942	3.17	26.0	2.9	2.0	62	0.1	11.9	0.6	43	2.61
1065531	Drill Core	2.66	0.005	2.4	97.2	44.6	185	2.7	12.7	7.3	1142	3.23	24.9	3.3	1.3	88	0.9	16.3	0.6	61	3.92
1065532	Drill Core	1.91	0.054	0.8	68.8	36.4	191	1.1	12.2	8.5	1266	3.38	242.3	55.7	1.5	85	1.3	15.2	0.5	54	3.30
1065533	Drill Core	1.86	<0.005	0.7	56.5	5.2	78	0.2	15.1	10.2	1201	3.24	65.6	3.4	1.9	137	0.3	13.0	0.5	67	5.02
1065534	Drill Core	1.00	<0.005	0.7	54.8	5.9	67	0.1	14.4	9.6	1274	3.29	51.5	2.9	1.9	139	0.1	12.1	0.4	64	5.09
1065535	Drill Core	2.03	0.035	1.4	76.1	402.3	75	3.5	14.7	11.9	1309	3.70	76.0	34.8	1.0	127	0.4	17.3	0.4	36	4.72
1065536	Drill Core	2.34	0.008	1.6	71.4	6.6	47	0.2	15.0	11.1	1163	3.04	44.6	10.3	1.6	71	0.2	21.1	0.4	58	3.26
1065537	Drill Core	2.18	<0.005	5.4	38.4	6.5	34	<0.1	8.6	5.2	564	3.18	17.4	1.8	5.2	118	<0.1	3.5	0.4	23	3.33
1065538	Drill Core	3.14	0.013	3.8	35.8	19.4	41	1.8	5.6	5.6	583	2.40	46.5	15.1	3.9	102	0.1	8.0	0.2	25	3.06
1065539	Drill Core	2.62	0.018	14.7	51.6	5.0	33	0.5	11.5	8.9	791	2.94	71.6	19.3	2.3	74	<0.1	4.4	0.3	32	2.58
1065540	Drill Core	2.03	0.142	5.4	68.8	9.4	217	0.8	13.6	7.6	3008	2.30	665.2	161.9	2.2	96	2.1	10.8	0.4	9	5.17
1065541	Rock Pulp	0.14	>10	8.2	111.5	16.9	55	>100	14.6	10.3	607	3.51	237.1	13225	3.1	81	0.3	8.5	17.8	70	1.66

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Project: Charlotte Project
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000514.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Ag
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	0.9	2
1065512	Drill Core	0.069	7	6	1.11	26	<0.001	3	0.54	0.003	0.13	0.2	0.08	6.4	0.5	3.38	1	1.6	0.4	N.A.	
1065513	Drill Core	0.074	5	7	0.78	14	0.001	2	0.57	0.004	0.15	0.2	0.04	7.4	0.3	3.88	1	2.2	0.4	N.A.	
1065514	Drill Core	0.021	2	2	0.37	38	<0.001	2	0.44	0.003	0.14	<0.1	0.01	1.4	0.2	2.44	<1	1.4	0.2	N.A.	
1065515	Drill Core	0.026	2	3	0.74	37	<0.001	2	0.34	0.002	0.17	0.1	0.05	1.5	0.3	3.32	<1	1.6	<0.2	N.A.	
1065516	Drill Core	0.027	3	4	0.48	26	<0.001	3	0.30	0.002	0.18	0.2	0.14	1.8	0.8	5.19	<1	2.7	<0.2	N.A.	
1065517	Drill Core	0.044	4	6	1.20	50	<0.001	3	0.47	0.004	0.24	0.1	0.09	3.6	0.5	2.74	1	0.6	0.3	N.A.	
1065518	Drill Core	0.044	2	4	1.75	30	<0.001	3	0.36	0.003	0.19	<0.1	0.03	3.2	0.3	1.69	<1	0.7	<0.2	N.A.	
1065519	Drill Core	0.024	3	5	1.75	36	<0.001	3	0.29	0.004	0.17	0.1	0.08	2.8	0.4	1.22	<1	0.8	<0.2	N.A.	
1065520	Drill Core	0.029	3	7	1.26	33	<0.001	3	0.29	0.003	0.16	0.2	0.09	2.7	0.4	2.83	<1	0.8	0.4	N.A.	
1065521	Rock	0.014	<1	1	10.66	20	<0.001	<1	0.02	0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	N.A.	
1065522	Drill Core	0.058	2	6	0.71	17	<0.001	3	0.32	0.004	0.17	0.2	0.90	1.4	4.0	8.34	<1	2.8	2.6	N.A.	
1065523	Drill Core	0.037	3	3	1.39	19	<0.001	2	0.31	0.005	0.17	0.2	0.43	2.4	1.9	6.94	<1	3.7	0.9	N.A.	
1065524	Drill Core	0.035	3	1	2.15	28	<0.001	4	0.36	0.005	0.21	0.2	0.10	2.9	0.6	2.09	<1	0.7	0.3	N.A.	
1065525	Drill Core	0.051	5	4	1.62	13	<0.001	2	0.38	0.004	0.11	0.2	0.73	4.4	4.1	5.50	<1	3.7	0.8	N.A.	
1065526	Drill Core	0.060	6	11	0.95	16	<0.001	1	0.48	0.003	0.10	0.2	0.33	7.3	2.0	3.14	1	2.0	<0.2	N.A.	
1065527	Drill Core	0.042	3	4	0.48	35	<0.001	2	0.28	0.004	0.14	0.1	0.05	2.3	0.2	2.76	<1	0.9	<0.2	N.A.	
1065528	Drill Core	0.032	3	8	0.37	47	<0.001	<1	0.41	0.003	0.16	0.2	0.03	2.6	0.3	1.68	<1	0.8	<0.2	N.A.	
1065529	Drill Core	0.123	6	8	0.79	40	0.001	3	0.56	0.003	0.11	0.3	0.10	9.6	0.4	2.05	1	0.6	<0.2	N.A.	
1065530	Drill Core	0.080	6	10	0.74	34	<0.001	3	0.68	0.003	0.09	0.2	0.35	11.4	0.4	2.14	2	1.8	<0.2	N.A.	
1065531	Drill Core	0.078	5	10	1.16	31	<0.001	2	0.73	0.003	0.11	0.2	0.17	14.1	0.3	2.15	2	1.8	<0.2	N.A.	
1065532	Drill Core	0.073	5	8	0.98	28	<0.001	3	0.67	0.002	0.10	0.1	0.11	13.0	0.4	2.03	1	1.3	<0.2	N.A.	
1065533	Drill Core	0.080	7	11	1.30	15	<0.001	2	0.72	0.003	0.10	0.1	0.17	13.2	0.8	1.91	1	1.4	<0.2	N.A.	
1065534	Drill Core	0.070	7	10	1.37	22	<0.001	3	0.70	0.003	0.09	<0.1	0.14	12.8	0.7	1.98	1	1.2	<0.2	N.A.	
1065535	Drill Core	0.055	5	8	1.64	11	<0.001	2	0.65	0.003	0.15	0.1	0.29	8.6	0.6	3.07	1	1.3	<0.2	N.A.	
1065536	Drill Core	0.092	7	11	0.83	25	<0.001	2	0.68	0.003	0.09	0.1	0.24	12.0	0.4	2.02	1	1.9	<0.2	N.A.	
1065537	Drill Core	0.065	15	7	0.64	50	<0.001	2	1.18	0.005	0.10	0.2	0.14	8.1	0.3	1.42	3	0.7	<0.2	N.A.	
1065538	Drill Core	0.046	10	6	0.67	20	<0.001	2	0.90	0.007	0.11	<0.1	0.05	6.3	0.4	0.89	2	0.8	<0.2	N.A.	
1065539	Drill Core	0.080	7	11	0.74	66	<0.001	3	0.57	0.003	0.13	0.2	0.03	7.7	0.3	1.49	1	1.8	<0.2	N.A.	
1065540	Drill Core	0.059	6	4	0.96	54	<0.001	3	0.31	0.003	0.20	0.1	0.02	3.9	0.4	1.82	<1	1.0	<0.2	N.A.	
1065541	Rock Pulp	0.052	7	25	0.73	111	0.134	4	1.73	0.179	0.20	4.6	0.53	2.3	<0.1	0.17	5	5.7	2.7	11.6	171

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000514.1

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
1065542	Drill Core	2.32	0.008	1.0	48.2	3.9	31	<0.1	10.8	7.3	543	2.48	8.0	5.6	2.5	55	0.1	1.5	0.4	43	1.86
1065543	Drill Core	2.53	0.008	1.0	74.5	4.3	38	0.2	18.3	12.7	491	3.30	14.0	4.4	2.3	49	<0.1	3.0	0.4	61	1.64
1065544	Drill Core	1.41	0.045	3.4	63.8	5.9	44	0.2	10.1	8.8	1180	3.38	64.1	50.4	2.6	98	0.1	8.9	0.8	37	3.24
1065545	Drill Core	1.64	<0.005	1.1	46.2	3.0	39	<0.1	15.6	12.5	501	2.99	6.3	3.5	2.7	58	<0.1	1.8	0.3	58	2.07

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CERTIFICATE OF ANALYSIS WHI11000514.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Ag
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	0.9	2
1065542	Drill Core	0.053	9	14	0.60	70	0.075	1	1.04	0.038	0.10	0.1	<0.01	6.0	0.2	0.87	4	1.4	<0.2	N.A.	
1065543	Drill Core	0.069	9	12	0.60	41	0.057	1	1.02	0.033	0.09	<0.1	<0.01	6.8	0.2	1.33	4	2.0	<0.2	N.A.	
1065544	Drill Core	0.065	10	7	0.85	19	0.001	2	0.67	0.004	0.11	0.3	0.02	9.1	0.2	2.49	2	2.3	<0.2	N.A.	
1065545	Drill Core	0.092	13	14	0.71	92	0.097	<1	1.09	0.040	0.21	0.1	0.01	7.7	0.1	0.87	4	0.9	<0.2	N.A.	

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QUALITY CONTROL REPORT WHI11000514.1

	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																					
1065403	Drill Core	1.34	<0.005	279.4	77.4	3.4	41	0.2	6.3	10.3	943	3.45	6.1	4.2	1.8	69	<0.1	3.5	0.3	39	3.40
REP 1065403	QC			287.6	79.7	3.5	45	0.2	6.5	10.3	936	3.44	5.6	2.4	1.8	68	<0.1	3.7	0.3	39	3.39
1065418	Drill Core	1.81	<0.005	37.2	120.8	5.7	50	0.3	13.7	17.0	1262	4.48	20.3	6.1	1.3	38	0.1	34.8	0.3	71	2.01
REP 1065418	QC		0.006																		
1065425	Drill Core	2.03	<0.005	10.7	80.5	12.4	144	0.3	7.5	8.3	1322	2.48	37.4	5.2	5.0	41	0.3	14.6	0.4	22	2.72
REP 1065425	QC		<0.005																		
1065439	Drill Core	1.70	<0.005	3.2	20.9	2.3	23	<0.1	8.0	6.5	340	1.79	1.5	1.6	3.6	45	<0.1	2.3	0.2	26	1.47
REP 1065439	QC			3.0	21.8	2.6	25	<0.1	8.3	6.6	346	1.81	1.3	2.4	3.8	47	<0.1	2.5	0.3	27	1.48
1065448	Rock Pulp	0.14	>10	8.3	114.8	17.2	55	>100	14.3	10.9	588	3.45	232.5	12119	3.0	74	0.3	8.9	18.1	70	1.67
REP 1065448	QC																				
1065458	Rock	1.31	<0.005	0.8	1.2	0.8	13	<0.1	0.7	0.3	193	0.38	2.1	<0.5	<0.1	38	<0.1	<0.1	<0.1	<2	22.19
REP 1065458	QC		<0.005																		
1065472	Drill Core	2.44	0.013	0.8	34.2	8.2	29	1.3	5.4	10.0	1771	2.49	87.0	12.5	1.8	75	0.1	10.2	0.3	36	3.66
REP 1065472	QC			0.9	34.3	8.5	31	1.4	5.7	10.5	1852	2.54	89.7	13.5	1.8	77	0.1	10.7	0.3	37	3.72
1065499	Rock	1.03	<0.005	<0.1	1.2	1.1	12	<0.1	1.4	0.7	172	0.37	2.7	2.1	0.1	36	<0.1	<0.1	<0.1	<2	19.62
REP 1065499	QC		<0.005																		
1065508	Drill Core	2.02	0.238	4.6	48.4	8.7	52	2.4	9.2	10.1	3041	3.30	283.3	207.8	1.5	56	0.3	18.1	0.4	9	4.36
REP 1065508	QC			4.2	46.0	7.9	51	2.4	8.6	9.9	2933	3.18	284.9	187.2	1.5	54	0.5	16.8	0.3	10	4.23
1065532	Drill Core	1.91	0.054	0.8	68.8	36.4	191	1.1	12.2	8.5	1266	3.38	242.3	55.7	1.5	85	1.3	15.2	0.5	54	3.30
REP 1065532	QC		0.054																		
1065538	Drill Core	3.14	0.013	3.8	35.8	19.4	41	1.8	5.6	5.6	583	2.40	46.5	15.1	3.9	102	0.1	8.0	0.2	25	3.06
REP 1065538	QC			4.0	34.6	17.6	37	1.7	5.9	5.8	613	2.43	45.8	16.5	3.7	104	<0.1	8.0	0.2	25	3.10
Core Reject Duplicates																					
1065406	Drill Core	1.99	<0.005	23.5	146.8	5.2	37	0.2	6.6	13.8	892	3.62	67.0	1.0	3.0	92	<0.1	14.4	0.2	55	3.81
DUP 1065406	QC		<0.005	25.7	143.9	5.1	38	0.2	6.9	13.6	911	3.58	67.5	1.0	3.1	94	0.2	13.8	0.2	55	3.83
1065441	Drill Core	1.87	<0.005	2.4	68.6	10.9	77	0.1	4.8	10.8	1043	2.99	13.9	1.6	1.7	56	0.3	20.9	0.3	38	4.02
DUP 1065441	QC		<0.005	2.5	72.7	11.1	81	0.2	4.9	11.4	1068	3.09	14.4	3.4	1.6	58	0.2	21.7	0.3	39	4.23
1065476	Drill Core	1.27	0.052	2.1	27.0	14.4	45	0.8	6.3	10.6	4087	2.54	150.4	40.2	0.8	80	0.2	8.0	0.2	11	5.68

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Project: Charlotte Project
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000514.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Ag
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	0.9	2
Pulp Duplicates																					
1065403	Drill Core	0.066	7	6	0.96	77	<0.001	2	0.74	0.005	0.16	<0.1	0.04	6.8	0.2	1.77	1	0.8	<0.2	N.A.	
REP 1065403	QC	0.062	7	5	0.97	79	<0.001	2	0.75	0.005	0.16	0.1	0.06	6.6	0.1	1.77	1	1.7	<0.2		
1065418	Drill Core	0.073	6	11	0.57	14	0.001	<1	0.64	0.001	0.07	0.2	0.20	18.1	<0.1	1.78	1	1.5	<0.2	N.A.	
REP 1065418	QC																				
1065425	Drill Core	0.059	11	4	0.90	81	<0.001	4	0.43	0.003	0.15	0.1	0.03	7.2	0.2	1.32	<1	1.3	<0.2	N.A.	
REP 1065425	QC																				
1065439	Drill Core	0.034	8	12	0.86	59	0.007	2	1.06	0.033	0.10	<0.1	<0.01	5.0	<0.1	0.97	3	0.8	<0.2	N.A.	
REP 1065439	QC	0.036	9	12	0.87	63	0.008	<1	1.10	0.033	0.10	<0.1	<0.01	4.9	<0.1	0.98	3	<0.5	<0.2		
1065448	Rock Pulp	0.049	7	24	0.72	109	0.124	4	1.70	0.195	0.21	4.2	0.49	2.8	<0.1	0.15	5	5.8	2.4	11.7	184
REP 1065448	QC																				186
1065458	Rock	0.013	<1	<1	10.99	13	<0.001	<1	0.01	0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	N.A.	
REP 1065458	QC																				
1065472	Drill Core	0.059	6	5	0.95	52	<0.001	3	0.48	0.003	0.12	0.1	0.11	9.8	0.9	1.59	1	<0.5	<0.2	N.A.	
REP 1065472	QC	0.058	6	6	1.00	53	<0.001	2	0.49	0.003	0.12	0.1	0.11	10.1	1.0	1.62	1	0.9	<0.2		
1065499	Rock	0.015	<1	<1	10.32	12	0.001	<1	0.04	0.004	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	N.A.	
REP 1065499	QC																				
1065508	Drill Core	0.043	3	5	1.53	22	<0.001	2	0.38	0.003	0.17	0.2	0.02	4.4	0.2	3.00	<1	1.5	<0.2	N.A.	
REP 1065508	QC	0.041	3	5	1.49	22	<0.001	2	0.38	0.003	0.17	0.2	0.02	4.5	0.2	2.93	<1	1.3	<0.2		
1065532	Drill Core	0.073	5	8	0.98	28	<0.001	3	0.67	0.002	0.10	0.1	0.11	13.0	0.4	2.03	1	1.3	<0.2	N.A.	
REP 1065532	QC																				
1065538	Drill Core	0.046	10	6	0.67	20	<0.001	2	0.90	0.007	0.11	<0.1	0.05	6.3	0.4	0.89	2	0.8	<0.2	N.A.	
REP 1065538	QC	0.045	10	7	0.68	21	<0.001	3	0.93	0.007	0.12	<0.1	0.04	6.4	0.3	0.90	2	0.6	<0.2		
Core Reject Duplicates																					
1065406	Drill Core	0.053	9	6	1.23	33	0.002	2	0.64	0.004	0.09	0.1	0.19	9.4	0.8	2.08	2	2.1	<0.2	N.A.	
DUP 1065406	QC	0.054	10	6	1.28	31	0.002	1	0.58	0.003	0.09	0.1	0.19	10.0	0.8	2.03	1	1.6	<0.2	N.A.	
1065441	Drill Core	0.059	4	4	1.21	40	0.002	3	0.55	0.003	0.14	0.1	0.04	8.0	0.2	1.73	1	0.6	<0.2	N.A.	
DUP 1065441	QC	0.060	5	5	1.18	44	0.002	5	0.64	0.003	0.19	<0.1	0.04	8.9	0.2	1.87	2	0.9	<0.2	N.A.	
1065476	Drill Core	0.043	5	3	1.90	63	<0.001	4	0.34	0.003	0.23	0.2	0.02	6.2	0.4	1.69	<1	1.0	<0.2	N.A.	

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Project: Charlotte Project
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000514.1

		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
DUP 1065476	QC		0.039	1.9	26.6	14.7	44	0.7	6.6	10.5	4085	2.57	152.7	36.5	0.8	80	0.2	8.4	0.2	11	5.80
1065511	Drill Core	2.65	0.034	77.9	97.4	27.8	110	1.2	7.3	19.8	1114	3.47	33.1	32.8	3.2	51	0.9	28.1	0.5	11	2.82
DUP 1065511	QC		0.033	69.0	96.6	29.3	107	1.1	6.7	20.4	1118	3.48	31.1	27.6	3.0	51	0.9	27.5	0.5	12	2.87
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			13.7	108.7	141.7	333	1.9	38.0	7.5	656	2.54	26.9	121.0	7.5	72	2.1	6.0	7.0	41	0.70
STD DS8	Standard			13.7	104.6	132.5	310	1.9	36.6	7.7	628	2.43	27.0	125.0	6.9	75	2.3	5.7	6.2	40	0.69
STD DS8	Standard			12.7	106.9	127.3	301	1.8	38.5	7.4	610	2.40	25.8	116.9	7.3	66	2.4	5.5	7.1	41	0.73
STD DS8	Standard			13.1	102.0	123.8	301	1.8	35.7	7.2	591	2.35	24.8	116.0	7.1	65	2.1	5.3	6.9	40	0.70
STD DS8	Standard			12.7	108.5	115.4	295	1.6	37.0	7.3	596	2.35	24.2	96.1	6.3	60	2.1	5.0	5.8	39	0.68
STD DS8	Standard			12.8	108.7	121.0	301	1.6	37.8	7.7	611	2.41	24.2	93.8	6.8	64	1.9	5.1	5.8	41	0.73
STD DS8	Standard			11.9	102.8	118.6	289	1.7	34.5	7.0	555	2.21	24.7	97.1	6.3	61	2.0	4.8	6.5	35	0.60
STD DS8	Standard			12.8	104.7	120.1	291	1.7	35.5	7.1	564	2.23	24.3	102.7	6.6	64	2.1	5.1	6.8	36	0.64
STD DS8	Standard			13.5	112.7	132.2	318	1.8	39.4	7.7	634	2.52	28.4	108.6	7.5	66	2.4	5.2	6.5	42	0.70
STD DS8	Standard			14.8	111.0	134.9	320	1.8	38.7	7.6	618	2.53	28.3	125.8	7.7	70	2.5	5.4	6.3	43	0.73
STD OREAS131B	Standard																				
STD OREAS131B	Standard																				
STD OREAS131B	Standard																				
STD OREAS131B	Standard																				
STD OXH82	Standard		1.336																		
STD OXH82	Standard		1.369																		
STD OXH82	Standard		1.196																		
STD OXH82	Standard		1.385																		
STD OXH82	Standard		1.348																		
STD OXK79	Standard		3.776																		
STD OXK79	Standard		3.858																		
STD OXK79	Standard		3.874																		
STD OXK79	Standard		3.706																		

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QUALITY CONTROL REPORT WHI11000514.1

		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	G6Gr Au gm/t 0.9	7TD Ag gm/t 2
DUP 1065476	QC	0.043	5	3	1.87	57	<0.001	3	0.28	0.003	0.19	0.2	0.02	6.0	0.4	1.75	<1	1.1	<0.2	N.A.	
1065511	Drill Core	0.048	5	7	1.03	19	<0.001	2	0.36	0.003	0.15	0.3	0.05	2.7	0.2	3.48	<1	1.9	<0.2	N.A.	
DUP 1065511	QC	0.047	5	7	1.04	20	<0.001	3	0.45	0.003	0.18	0.2	0.02	2.6	0.2	3.43	<1	2.4	<0.2	N.A.	
Reference Materials																					
STD AGPROOF	Standard																			<0.9	
STD CDN-ME-3	Standard																			10.0	
STD DS8	Standard	0.085	15	124	0.63	282	0.122	<1	0.95	0.083	0.40	3.1	0.21	1.7	5.9	0.16	5	5.7	5.5		
STD DS8	Standard	0.082	16	121	0.60	283	0.127	3	0.93	0.084	0.41	2.9	0.19	1.7	5.5	0.15	5	5.2	5.3		
STD DS8	Standard	0.076	14	116	0.61	269	0.113	3	0.92	0.091	0.41	2.9	0.20	2.1	5.4	0.14	5	5.0	4.8		
STD DS8	Standard	0.078	15	111	0.60	268	0.112	3	0.89	0.091	0.39	2.7	0.19	2.0	5.1	0.13	4	4.3	4.5		
STD DS8	Standard	0.073	14	108	0.60	253	0.109	3	0.91	0.091	0.38	2.4	0.16	2.2	4.6	0.15	4	4.3	4.6		
STD DS8	Standard	0.077	16	124	0.61	264	0.130	2	0.98	0.097	0.41	2.6	0.22	2.4	4.8	0.15	4	4.3	4.6		
STD DS8	Standard	0.068	13	106	0.55	256	0.109	4	0.83	0.079	0.36	2.8	0.18	2.0	5.0	0.14	4	4.6	4.6		
STD DS8	Standard	0.072	14	109	0.56	266	0.115	3	0.88	0.088	0.39	2.7	0.22	2.0	5.1	0.14	4	5.3	5.0		
STD DS8	Standard	0.080	15	121	0.62	289	0.120	3	0.96	0.091	0.42	3.2	0.22	2.2	5.6	0.17	5	6.0	5.1		
STD DS8	Standard	0.081	16	119	0.63	289	0.128	2	0.99	0.093	0.44	3.1	0.23	2.1	5.4	0.16	5	5.1	4.7		
STD OREAS131B	Standard																				35
STD OREAS131B	Standard																				34
STD OREAS131B	Standard																				33
STD OREAS131B	Standard																				34
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																				

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

Project: Charlotte Project
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000514.1

		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 OXK79	Standard		3.235																		
STD R4T	Standard																				
STD R4T	Standard																				
STD R4T	Standard																				
STD R4T	Standard																				
STD SU-1B	Standard																				
STD SU-1B	Standard																				
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 CDN-ME-3 Expected																					
STD AGPROOF Expected																					
STD R4T Expected																					
STD OREAS131B Expected																					
STD SU-1B 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
BLK	Blank			<0.1	0.4	<0.1	<1	<0.1	<0.1	<0.1	8	0.04	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000514.1

		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	G6Gr Au gm/t 0.9	7TD Ag gm/t 2
STD OXK79	Standard																				
STD R4T	Standard																				88
STD R4T	Standard																				89
STD R4T	Standard																				86
STD R4T	Standard																				88
STD SU-1B	Standard																				9
STD SU-1B	Standard																				7
STD SU-1B	Standard																				6
STD SU-1B	Standard																				7
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 CDN-ME-3 Expected																				9.77	
STD AGPROOF Expected																				0	
STD R4T Expected																					86
STD OREAS131B Expected																					33.3
STD SU-1B Expected																					6.4
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		
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		

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QUALITY CONTROL REPORT WHI11000514.1

		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	1.0	<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			<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																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		<0.005	0.3	11.8	16.7	83	<0.1	3.3	4.0	609	1.90	3.1	4.9	5.1	57	0.1	0.2	0.3	34	0.48
G1	Prep Blank		<0.005	0.3	19.2	3.7	97	0.1	4.2	4.0	656	1.91	5.8	3.9	4.8	61	0.3	0.7	0.2	32	0.48

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QUALITY CONTROL REPORT WHI11000514.1

		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	G6Gr Au gm/t 0.9	7TD Ag gm/t 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																				<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	<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																				<2
BLK	Blank																				<2
BLK	Blank																			<0.9	
BLK	Blank																			<0.9	
BLK	Blank																				<2
Prep Wash																					
G1	Prep Blank	0.083	9	11	0.58	273	0.129	3	1.01	0.087	0.49	<0.1	0.03	1.9	0.3	<0.05	5	0.5	<0.2	N.A.	
G1	Prep Blank	0.077	8	11	0.59	267	0.111	1	0.96	0.086	0.45	<0.1	0.03	1.7	0.3	<0.05	5	0.6	<0.2	N.A.	

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Client: **Coast Mountain Geological**
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PO Box 11604
Vancouver BC V6B 4N9 Canada

Submitted By: Gary Schellenberg
Receiving Lab: Canada-Whitehorse
Received: July 20, 2011
Report Date: August 04, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI11000677.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-012
P.O. Number
Number of Samples: 48

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	46	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	48	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	48	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
Nicola Struyk

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000677.1

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
1065546	Drill Core	2.82	0.012	0.6	55.7	4.4	54	<0.1	52.4	16.2	851	3.90	28.6	1.6	4.2	118	0.1	5.0	0.3	68	3.54
1065547	Drill Core	2.43	<0.005	1.0	66.8	2.8	32	<0.1	9.4	7.4	424	2.48	13.6	2.0	2.9	42	0.1	2.6	0.2	33	1.53
1065548	Drill Core	2.22	0.022	1.0	44.1	5.2	32	0.1	7.4	6.6	670	2.45	53.2	23.7	1.4	84	0.3	2.4	0.6	24	2.82
1065549	Drill Core	3.11	0.240	1.5	35.0	8.7	90	0.4	11.2	7.9	992	2.80	1063	214.9	2.0	69	0.7	16.6	0.4	35	2.77
1065550	Drill Core	3.15	0.021	1.7	28.0	9.1	62	0.2	10.9	7.4	1116	2.61	212.9	20.8	1.9	123	0.6	6.1	0.6	34	3.48
1065551	Drill Core	3.25	0.631	0.8	31.7	15.2	260	0.4	7.1	6.5	1938	2.63	347.2	146.4	1.7	70	2.6	4.5	0.3	12	2.92
1065552	Drill Core	1.99	0.012	0.4	39.8	3.2	40	<0.1	9.7	7.8	602	2.50	8.4	0.9	2.1	62	0.1	1.5	0.2	42	1.74
1065553	Drill Core	2.97	<0.005	0.3	86.3	3.4	26	0.2	6.9	5.8	518	2.50	1.1	2.7	2.3	55	0.2	0.4	0.7	40	2.01
1065554	Rock	0.65	<0.005	0.2	0.3	0.7	11	<0.1	0.8	0.3	167	0.38	<0.5	1.2	<0.1	33	0.2	<0.1	<0.1	<2	15.81
1065555	Drill Core	3.01	<0.005	0.6	48.3	3.4	46	<0.1	6.5	6.3	890	2.63	17.4	2.2	2.7	92	0.2	3.0	0.4	40	3.74
1065556	Drill Core	3.26	0.008	0.9	34.6	4.1	52	0.1	5.1	6.3	1098	2.85	46.7	7.7	2.5	77	0.4	3.0	0.4	30	3.13
1065557	Drill Core	3.65	<0.005	0.9	37.7	4.6	44	0.1	10.7	6.6	605	2.52	5.8	2.1	1.8	42	0.3	2.0	0.5	31	1.80
1065558	Drill Core	3.01	<0.005	0.3	59.4	3.1	31	<0.1	16.2	12.6	356	2.84	<0.5	2.3	1.3	143	0.2	0.5	0.4	56	1.06
1065559	Drill Core	3.20	0.007	2.0	55.3	2.5	36	<0.1	13.6	8.9	453	2.89	2.5	2.2	2.0	31	0.2	0.7	0.4	59	1.17
1065560	Drill Core	2.41	0.648	1.7	56.6	14.8	24	1.6	8.6	7.8	962	2.44	1243	589.1	1.8	45	0.2	13.4	0.6	9	2.32
1065561	Drill Core	3.11	0.009	1.1	55.5	2.6	29	0.1	6.6	5.7	368	2.35	1.9	2.8	2.8	24	0.2	0.3	0.4	35	1.28
1065562	Drill Core	2.28	0.007	12.3	122.5	2.9	24	0.2	20.7	10.8	221	2.87	6.3	3.6	2.7	16	0.2	0.5	0.5	54	0.93
1065563	Drill Core	1.45	<0.005	0.3	24.1	3.6	47	<0.1	67.0	14.8	1134	2.35	11.4	2.1	1.8	99	0.1	0.8	0.3	47	7.18
1065564	Drill Core	3.14	<0.005	6.0	64.0	3.5	17	0.1	6.7	9.9	181	3.12	<0.5	3.7	2.4	24	<0.1	0.3	0.6	31	0.95
1065565	Drill Core	3.07	<0.005	0.3	85.2	3.8	21	0.1	10.3	14.1	183	3.05	<0.5	4.6	1.6	20	0.1	0.3	0.4	39	0.80
1065566	Drill Core	2.83	<0.005	0.3	85.0	2.5	23	0.2	8.4	9.5	226	2.00	<0.5	4.0	1.3	12	<0.1	0.2	0.4	45	0.87
1065567	Drill Core	2.38	<0.005	11.5	58.3	2.8	30	0.1	11.2	9.7	252	2.33	0.9	4.3	1.9	10	0.1	0.3	0.4	48	0.82
1065568	Drill Core	2.94	<0.005	3.0	5.4	4.0	4	<0.1	0.4	1.3	40	0.45	<0.5	<0.5	0.3	12	<0.1	0.1	0.1	3	0.24
1065569	Drill Core	2.83	<0.005	4.6	28.8	3.1	20	<0.1	9.6	10.0	168	3.30	<0.5	2.3	1.7	41	0.1	0.2	0.7	47	0.97
1065570	Drill Core	2.61	<0.005	2.8	40.8	4.1	20	0.1	8.6	16.1	166	3.45	<0.5	2.6	1.8	53	0.1	0.2	0.6	41	0.87
1065571	Drill Core	2.44	<0.005	4.0	91.2	3.3	16	0.2	5.7	9.4	142	2.56	<0.5	4.1	2.1	26	0.1	0.2	0.5	22	0.68
1065572	Drill Core	2.52	<0.005	13.9	63.0	2.8	19	0.1	6.4	12.8	190	3.35	<0.5	2.0	1.0	21	0.2	0.2	0.5	53	0.95
1065573	Drill Core	2.99	<0.005	0.9	58.3	3.2	24	<0.1	7.6	11.2	268	3.03	1.0	2.5	1.8	11	<0.1	0.3	0.4	41	0.74
1065574	Drill Core	3.27	<0.005	0.5	18.3	4.0	17	<0.1	9.9	8.4	194	2.18	<0.5	1.3	1.9	16	<0.1	0.2	0.5	36	1.31
1065575	Rock Pulp	0.15	0.389	8.9	125.4	6.7	51	0.2	25.2	32.6	480	3.06	1288	353.7	2.3	70	0.3	1.9	3.7	75	1.31

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000677.1

	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
1065546	Drill Core	0.152	17	62	1.32	37	0.018	2	0.67	0.047	0.11	4.6	0.05	11.6	0.2	1.30	3	1.0	<0.2
1065547	Drill Core	0.055	10	8	0.44	63	0.050	1	0.65	0.046	0.14	1.0	0.02	7.1	0.1	0.93	3	0.9	<0.2
1065548	Drill Core	0.045	7	4	0.53	45	0.003	3	0.76	0.010	0.12	0.2	0.01	7.0	0.1	1.38	2	1.1	<0.2
1065549	Drill Core	0.078	7	8	0.75	38	0.006	3	0.88	0.011	0.17	0.2	0.01	7.5	0.4	1.21	2	<0.5	<0.2
1065550	Drill Core	0.063	8	7	0.51	37	0.003	3	0.45	0.024	0.14	<0.1	0.05	9.0	0.5	0.98	1	<0.5	<0.2
1065551	Drill Core	0.047	4	2	0.59	59	<0.001	3	0.29	0.005	0.19	<0.1	0.01	4.2	0.3	1.78	<1	1.0	<0.2
1065552	Drill Core	0.051	9	4	0.48	48	0.016	1	0.48	0.026	0.13	<0.1	0.01	9.5	0.1	0.64	2	0.7	<0.2
1065553	Drill Core	0.060	8	4	0.55	71	0.063	2	0.61	0.058	0.09	0.9	0.01	6.6	<0.1	1.34	3	1.1	<0.2
1065554	Rock	0.013	<1	<1	10.26	32	<0.001	<1	0.01	0.002	0.01	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
1065555	Drill Core	0.060	12	4	1.11	117	0.002	2	0.34	0.031	0.06	<0.1	0.02	9.5	0.2	0.92	<1	0.8	<0.2
1065556	Drill Core	0.052	8	3	0.86	79	0.013	2	0.41	0.030	0.12	0.4	0.01	6.9	0.2	1.16	1	<0.5	<0.2
1065557	Drill Core	0.058	7	5	0.42	72	0.031	2	0.49	0.045	0.15	1.2	<0.01	4.9	0.1	1.50	2	1.0	<0.2
1065558	Drill Core	0.051	6	7	0.53	73	0.097	1	0.68	0.062	0.11	0.3	<0.01	4.1	<0.1	1.52	3	1.2	<0.2
1065559	Drill Core	0.052	8	7	0.62	81	0.073	<1	0.75	0.058	0.17	0.8	<0.01	6.3	0.1	1.21	4	1.3	<0.2
1065560	Drill Core	0.051	5	2	0.39	38	0.001	2	0.29	0.006	0.18	0.1	<0.01	3.8	0.2	2.02	<1	1.2	<0.2
1065561	Drill Core	0.064	11	6	0.46	83	0.069	<1	0.67	0.054	0.09	0.6	<0.01	4.3	<0.1	1.18	3	1.4	<0.2
1065562	Drill Core	0.081	10	18	0.54	55	0.078	<1	0.73	0.048	0.08	0.5	<0.01	5.6	<0.1	1.76	4	2.7	<0.2
1065563	Drill Core	0.077	11	274	1.21	206	0.008	1	1.04	0.011	0.16	0.2	0.03	10.4	<0.1	0.78	4	<0.5	<0.2
1065564	Drill Core	0.060	10	3	0.43	33	0.074	1	0.52	0.069	0.09	0.7	<0.01	3.4	<0.1	2.61	3	1.8	<0.2
1065565	Drill Core	0.069	7	12	0.56	45	0.109	1	0.59	0.085	0.12	0.7	<0.01	2.4	<0.1	2.15	3	2.0	<0.2
1065566	Drill Core	0.053	6	7	0.57	36	0.120	1	0.63	0.082	0.10	2.4	<0.01	2.5	<0.1	0.99	3	1.0	<0.2
1065567	Drill Core	0.051	7	9	0.57	33	0.122	1	0.71	0.064	0.11	4.1	<0.01	4.1	<0.1	1.17	3	1.5	<0.2
1065568	Drill Core	0.002	<1	<1	0.06	50	0.005	<1	0.21	0.055	0.08	0.2	<0.01	0.5	<0.1	0.28	<1	<0.5	<0.2
1065569	Drill Core	0.055	7	7	0.69	27	0.107	2	0.88	0.057	0.08	2.7	<0.01	3.9	<0.1	3.04	3	1.8	<0.2
1065570	Drill Core	0.055	7	6	0.62	37	0.091	<1	0.89	0.062	0.10	1.0	<0.01	2.0	<0.1	3.19	3	2.3	<0.2
1065571	Drill Core	0.038	8	3	0.35	27	0.080	<1	0.56	0.060	0.07	0.5	<0.01	1.6	<0.1	2.23	2	1.7	<0.2
1065572	Drill Core	0.054	4	5	0.48	38	0.091	1	0.74	0.040	0.18	0.5	<0.01	3.7	<0.1	2.94	3	1.4	<0.2
1065573	Drill Core	0.049	7	5	0.59	53	0.124	<1	0.69	0.058	0.22	0.2	<0.01	5.0	<0.1	1.91	3	1.5	<0.2
1065574	Drill Core	0.041	7	6	0.37	43	0.075	<1	0.43	0.060	0.07	0.2	<0.01	4.0	<0.1	1.89	2	1.4	0.6
1065575	Rock Pulp	0.050	6	44	0.73	125	0.113	3	1.61	0.175	0.26	0.4	<0.01	2.4	<0.1	0.13	5	2.2	0.7

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Project: Charlotte Project
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000677.1

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
1065576	Drill Core	2.96	<0.005	1.0	5.3	6.0	64	<0.1	2.1	2.2	264	0.99	34.4	2.3	5.1	9	0.3	1.8	0.2	11	0.13
1065577	Drill Core	3.78	<0.005	0.4	4.0	2.8	80	<0.1	2.9	5.2	513	2.28	19.3	2.9	6.2	14	0.3	1.5	<0.1	38	0.15
1065578	Drill Core	5.04	<0.005	0.3	3.5	5.1	99	<0.1	2.3	2.2	306	0.90	23.8	5.8	6.1	5	0.4	1.2	<0.1	4	0.05
1065579	Drill Core	3.17	0.278	0.6	2.5	7.2	167	0.1	2.8	2.5	865	1.21	396.2	307.3	7.1	4	1.0	7.6	<0.1	<2	0.05
1065580	Drill Core	2.48	0.010	0.6	5.5	13.2	236	<0.1	3.9	3.5	1337	1.16	230.5	13.4	6.5	8	1.7	6.9	<0.1	<2	0.06
1065581	Drill Core	3.35	0.040	0.2	2.4	109.4	52	0.5	0.5	0.5	73	0.94	193.6	38.1	4.9	44	0.5	16.3	0.3	<2	0.03
1065582	Drill Core	3.73	0.011	0.2	10.4	21.0	71	0.3	1.1	0.9	56	0.67	125.1	23.9	6.3	20	0.6	7.2	0.6	<2	0.03
1065583	Drill Core	2.85	0.464	0.3	7.6	46.3	54	0.8	0.6	0.9	60	1.15	566.9	477.8	5.2	34	1.7	>2000	0.3	2	0.06
1065584	Drill Core	2.72	0.018	0.5	1.7	4.2	27	<0.1	0.7	1.0	79	0.81	94.4	23.2	6.7	30	<0.1	7.1	<0.1	3	0.03
1065585	Rock Pulp	0.32	0.384	9.9	129.1	6.9	50	0.2	24.9	34.9	477	3.12	1327	375.1	2.8	63	0.2	1.8	3.4	76	1.29
1065586	Drill Core	8.37	0.007	0.2	7.4	3.2	96	<0.1	2.1	4.5	713	1.32	41.9	10.5	7.7	8	0.1	9.8	<0.1	6	0.10
1065587	Drill Core	9.18	<0.005	0.1	18.5	6.0	67	<0.1	3.7	5.3	654	1.95	27.5	1.1	4.9	13	<0.1	7.1	0.2	26	0.79

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Project: Charlotte Project
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000677.1

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
1065576	Drill Core	0.022	11	2	0.22	82	0.011	2	0.56	0.037	0.24	<0.1	<0.01	1.4	0.1	<0.05	2	<0.5	<0.2
1065577	Drill Core	0.047	12	9	0.98	496	0.078	1	1.41	0.038	1.00	<0.1	<0.01	4.6	0.2	<0.05	6	<0.5	<0.2
1065578	Drill Core	0.011	12	1	0.14	63	0.005	2	0.45	0.017	0.27	<0.1	<0.01	1.1	0.2	<0.05	2	<0.5	<0.2
1065579	Drill Core	0.016	14	1	0.02	164	<0.001	2	0.32	0.004	0.23	<0.1	0.03	0.5	0.3	<0.05	<1	<0.5	<0.2
1065580	Drill Core	0.016	13	1	0.03	151	<0.001	3	0.32	0.005	0.23	0.1	0.05	0.7	0.6	<0.05	<1	<0.5	<0.2
1065581	Drill Core	0.011	12	1	0.02	282	<0.001	4	0.31	0.004	0.33	0.2	0.15	0.8	0.5	0.23	<1	<0.5	1.3
1065582	Drill Core	0.014	12	1	0.02	495	<0.001	3	0.35	0.005	0.24	0.3	0.03	0.6	0.2	0.10	<1	<0.5	1.8
1065583	Drill Core	0.007	6	<1	0.02	207	<0.001	3	0.25	0.005	0.28	<0.1	0.11	0.8	0.9	0.29	<1	<0.5	<0.2
1065584	Drill Core	0.010	9	<1	0.02	149	<0.001	3	0.30	0.005	0.25	0.1	0.11	1.0	0.7	0.12	<1	<0.5	<0.2
1065585	Rock Pulp	0.054	6	44	0.75	120	0.108	2	1.60	0.175	0.26	0.4	0.02	2.7	<0.1	0.13	5	2.1	0.7
1065586	Drill Core	0.021	13	1	0.02	313	<0.001	3	0.35	0.003	0.19	0.2	0.01	1.9	0.2	<0.05	<1	0.6	<0.2
1065587	Drill Core	0.043	9	3	0.29	124	0.015	2	0.70	0.011	0.29	<0.1	0.03	3.8	0.2	0.13	3	<0.5	<0.2

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Project: Charlotte Project
Report Date: August 04, 2011

QUALITY CONTROL REPORT WHI11000677.1

	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																					
1065558	Drill Core	3.01	<0.005	0.3	59.4	3.1	31	<0.1	16.2	12.6	356	2.84	<0.5	2.3	1.3	143	0.2	0.5	0.4	56	1.06
REP 1065558	QC			0.4	57.5	3.1	31	<0.1	15.0	12.8	350	2.79	<0.5	1.4	1.2	143	0.2	0.5	0.4	55	1.04
1065583	Drill Core	2.85	0.464	0.3	7.6	46.3	54	0.8	0.6	0.9	60	1.15	566.9	477.8	5.2	34	1.7	>2000	0.3	2	0.06
REP 1065583	QC			0.4	8.8	52.1	63	0.9	0.6	1.1	68	1.15	568.3	561.1	6.1	38	2.0	>2000	0.3	2	0.07
1065585	Rock Pulp	0.32	0.384	9.9	129.1	6.9	50	0.2	24.9	34.9	477	3.12	1327	375.1	2.8	63	0.2	1.8	3.4	76	1.29
REP 1065585	QC		0.389																		
Core Reject Duplicates																					
1065554	Rock	0.65	<0.005	0.2	0.3	0.7	11	<0.1	0.8	0.3	167	0.38	<0.5	1.2	<0.1	33	0.2	<0.1	<0.1	<2	15.81
DUP 1065554	QC		0.007	<0.1	<0.1	0.8	11	<0.1	0.9	0.4	169	0.38	<0.5	<0.5	<0.1	32	0.1	<0.1	<0.1	<2	16.50
Reference Materials																					
STD DS8	Standard			12.2	109.3	115.9	307	1.7	37.4	7.5	597	2.45	26.1	104.4	6.3	54	2.0	5.1	5.4	41	0.69
STD DS8	Standard			13.1	110.5	121.8	308	1.8	36.7	7.2	600	2.46	25.3	102.6	6.6	56	2.4	5.0	5.2	41	0.67
STD DS8	Standard			12.4	105.3	107.6	286	1.7	35.4	6.9	576	2.31	25.4	103.4	5.7	58	2.1	4.8	5.8	35	0.66
STD DS8	Standard			12.1	104.4	105.3	291	1.6	35.8	7.1	577	2.39	25.1	103.6	5.8	58	2.2	4.8	5.7	37	0.70
STD DS8	Standard			12.8	103.9	116.4	310	1.8	35.7	7.0	574	2.37	23.9	98.5	6.0	59	2.3	4.8	5.8	39	0.68
STD DS8	Standard			13.0	103.6	116.3	315	1.7	35.1	6.9	599	2.39	24.1	91.9	5.8	61	2.4	5.1	5.9	40	0.70
STD OXH82	Standard		1.331																		
STD OXH82	Standard		1.299																		
STD OXK79	Standard		3.657																		
STD OXK79	Standard		3.634																		
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	0.8	<0.1	<2	<0.01
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		

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QUALITY CONTROL REPORT WHI11000677.1

	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																			
1065558	Drill Core	0.051	6	7	0.53	73	0.097	1	0.68	0.062	0.11	0.3	<0.01	4.1	<0.1	1.52	3	1.2	<0.2
REP 1065558	QC	0.050	6	7	0.53	73	0.094	<1	0.67	0.059	0.11	0.3	<0.01	3.7	<0.1	1.49	3	1.0	<0.2
1065583	Drill Core	0.007	6	<1	0.02	207	<0.001	3	0.25	0.005	0.28	<0.1	0.11	0.8	0.9	0.29	<1	<0.5	<0.2
REP 1065583	QC	0.008	6	1	0.02	234	<0.001	4	0.28	0.005	0.30	<0.1	0.12	0.9	0.9	0.28	<1	<0.5	0.2
1065585	Rock Pulp	0.054	6	44	0.75	120	0.108	2	1.60	0.175	0.26	0.4	0.02	2.7	<0.1	0.13	5	2.1	0.7
REP 1065585	QC																		
Core Reject Duplicates																			
1065554	Rock	0.013	<1	<1	10.26	32	<0.001	<1	0.01	0.002	0.01	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
DUP 1065554	QC	0.013	<1	<1	10.45	27	<0.001	<1	0.02	0.002	0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
Reference Materials																			
STD DS8	Standard	0.078	13	117	0.60	259	0.103	3	0.89	0.083	0.42	2.7	0.22	2.0	5.2	0.16	4	5.1	4.9
STD DS8	Standard	0.080	13	114	0.60	270	0.104	3	0.90	0.084	0.41	2.8	0.20	2.1	5.4	0.16	5	5.7	5.2
STD DS8	Standard	0.074	13	106	0.54	268	0.103	2	0.83	0.079	0.39	2.8	0.19	2.0	5.2	0.15	4	5.2	4.8
STD DS8	Standard	0.072	14	108	0.58	273	0.109	3	0.89	0.084	0.39	2.8	0.19	2.0	5.3	0.16	4	4.9	4.5
STD DS8	Standard	0.075	13	106	0.58	267	0.106	3	0.86	0.082	0.42	3.0	0.17	2.1	5.0	0.16	5	5.1	5.1
STD DS8	Standard	0.073	14	110	0.59	275	0.109	3	0.87	0.084	0.41	2.9	0.21	2.1	5.2	0.16	5	5.3	5.5
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXK79	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																		

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

Project: Charlotte Project
Report Date: August 04, 2011

QUALITY CONTROL REPORT WHI11000677.1

		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		<0.005																		
BLK	Blank		<0.005																		
Prep Wash																					
G1	Prep Blank		<0.005	0.1	1.6	2.5	41	<0.1	3.3	4.0	530	1.81	<0.5	<0.5	4.6	54	<0.1	<0.1	<0.1	32	0.46
G1	Prep Blank		0.006	0.1	1.5	2.6	43	<0.1	3.3	4.0	542	1.83	<0.5	<0.5	5.1	58	<0.1	<0.1	<0.1	32	0.52

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 04, 2011

QUALITY CONTROL REPORT WHI11000677.1

		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
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																		
Prep Wash																			
G1	Prep Blank	0.075	9	7	0.56	210	0.122	<1	0.99	0.087	0.44	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	0.075	10	6	0.56	209	0.127	<1	1.05	0.097	0.44	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2

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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: July 27, 2011
Report Date: August 24, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI11000759.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-015
P.O. Number
Number of Samples: 137

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	131	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	137	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	137	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	4	Lead collection fire assay 30G fusion - Grav finish	30	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
Nicola Struyk

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.

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 24, 2011

CERTIFICATE OF ANALYSIS WHI11000759.1

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
1065588	Drill Core	4.25	0.006	<0.1	7.0	2.1	72	<0.1	24.4	11.1	508	3.06	15.1	3.9	4.4	14	0.1	1.5	0.2	61	0.35
1065589	Drill Core	4.87	<0.005	<0.1	4.0	1.5	48	<0.1	1.7	3.9	445	2.17	2.4	1.2	4.6	9	<0.1	0.3	<0.1	15	0.18
1065590	Drill Core	4.13	<0.005	<0.1	13.1	14.8	59	<0.1	1.2	3.8	445	1.91	15.5	1.4	4.7	14	0.3	1.3	<0.1	12	0.36
1065591	Drill Core	4.21	<0.005	<0.1	12.5	6.4	83	<0.1	2.1	4.2	447	2.04	13.7	1.3	4.5	11	0.2	1.6	<0.1	14	0.26
1065592	Drill Core	3.70	<0.005	0.5	11.2	20.2	299	0.1	3.9	6.5	952	1.85	130.0	1.8	6.3	7	1.0	10.7	0.2	9	0.15
1065593	Drill Core	2.55	0.013	0.5	10.4	43.5	430	0.4	4.8	11.4	1072	2.62	561.3	23.8	6.7	48	3.1	31.5	0.3	<2	0.08
1065594	Drill Core	3.82	0.097	0.5	6.0	137.2	144	0.8	2.4	4.5	736	1.65	641.6	93.4	4.9	86	2.9	52.5	0.2	<2	0.06
1065595	Rock	0.85	<0.005	<0.1	0.9	1.0	10	<0.1	1.5	0.5	187	0.39	4.6	<0.5	<0.1	37	<0.1	0.1	<0.1	<2	19.26
1065596	Drill Core	1.55	>10	0.2	12.8	31.6	150	3.2	2.2	1.9	412	1.62	6698	10334	2.6	41	3.0	155.1	<0.1	<2	0.13
1065597	Drill Core	4.00	0.031	0.9	3.3	23.7	305	0.2	3.8	6.5	2793	1.31	312.1	29.8	8.0	10	1.5	11.5	<0.1	<2	0.07
1065598	Drill Core	1.51	0.006	0.2	12.1	2.1	218	<0.1	16.7	10.6	444	2.35	135.4	2.7	2.5	26	0.3	6.5	0.2	62	0.84
1065599	Drill Core	4.75	<0.005	0.3	4.5	5.6	124	<0.1	2.2	2.4	252	0.92	67.2	1.6	7.8	4	0.3	3.7	0.1	4	0.08
1065600	Drill Core	4.55	<0.005	0.4	9.5	6.3	154	<0.1	1.6	3.6	322	1.29	171.9	6.4	8.3	6	0.7	9.4	0.6	<2	0.05
1065601	Drill Core	2.95	0.095	0.4	2.3	22.0	299	0.3	2.3	2.6	2722	0.90	265.4	95.2	6.6	10	1.6	10.5	<0.1	<2	0.06
1065602	Drill Core	4.92	0.055	0.4	2.3	64.2	207	0.7	1.6	1.2	221	1.37	429.5	54.7	6.0	12	0.9	18.9	0.1	<2	0.04
1065603	Drill Core	2.73	0.017	0.2	2.7	101.6	413	0.6	3.0	3.5	2752	1.68	273.2	21.5	7.4	10	3.2	17.1	<0.1	<2	0.05
1065604	Drill Core	2.86	0.039	0.1	1.5	11.2	301	0.2	3.7	4.1	1779	1.17	176.1	45.1	8.6	6	2.3	9.9	<0.1	<2	0.07
1065605	Rock Pulp	0.14	0.395	9.6	123.3	7.2	48	0.2	24.8	33.4	477	2.95	1241	367.4	2.9	73	0.2	2.1	4.0	68	1.29
1065606	Drill Core	3.18	0.010	0.2	2.1	3.4	236	<0.1	3.0	5.8	1294	1.35	133.5	6.7	7.3	9	1.7	11.0	0.2	6	0.08
1065607	Drill Core	2.45	0.155	0.2	15.9	19.0	274	2.9	3.3	7.3	701	4.42	648.9	159.0	6.2	78	0.6	34.5	1.4	6	0.09
1065608	Drill Core	3.18	0.103	0.3	2.7	8.8	281	0.3	4.0	9.0	2545	1.71	482.0	108.3	8.6	12	0.9	17.8	0.2	3	0.06
1065609	Drill Core	2.88	0.096	0.9	1.8	14.7	227	0.2	3.0	10.7	3589	1.42	250.2	97.1	7.0	13	0.9	11.2	0.1	<2	0.04
1065610	Drill Core	2.35	0.077	0.3	4.6	61.5	296	0.5	4.6	6.9	491	1.98	463.7	81.4	5.6	9	0.8	39.6	0.3	<2	0.04
1065611	Drill Core	4.58	0.021	0.3	7.9	33.6	273	1.2	5.0	4.9	1569	1.31	196.3	28.7	1.5	13	1.0	28.9	1.4	<2	0.11
1065612	Drill Core	4.81	0.011	0.4	12.2	43.2	241	0.4	2.6	3.6	863	1.56	311.6	10.9	6.5	21	1.0	27.5	0.5	<2	0.07
1065613	Drill Core	4.15	0.026	0.7	8.8	50.1	407	0.5	2.1	5.4	2769	1.48	191.8	26.3	7.2	17	1.3	15.6	0.4	<2	0.19
1065614	Drill Core	4.80	0.006	0.2	5.1	12.5	122	<0.1	1.0	1.6	1169	1.10	113.2	5.8	7.4	20	1.4	15.4	<0.1	<2	0.96
1065615	Drill Core	2.14	0.007	0.3	6.9	12.2	113	0.1	1.1	1.7	1091	1.12	121.7	7.4	7.3	20	1.5	15.9	<0.1	<2	0.92
1065616	Drill Core	4.44	<0.005	0.5	2.4	18.7	135	<0.1	1.0	1.5	855	1.00	98.6	3.0	5.3	23	2.2	14.5	<0.1	<2	0.94
1065617	Drill Core	4.84	<0.005	1.8	1.6	21.3	127	<0.1	0.9	1.8	622	0.70	39.2	1.6	5.6	31	1.1	3.8	<0.1	<2	1.26

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 24, 2011

CERTIFICATE OF ANALYSIS WHI11000759.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
1065588	Drill Core	0.068	10	46	1.32	454	0.157	<1	1.60	0.063	1.00	<0.1	<0.01	8.3	0.3	<0.05	6	<0.5	<0.2		
1065589	Drill Core	0.043	12	2	0.95	162	0.144	2	1.52	0.090	0.89	<0.1	<0.01	3.9	0.2	<0.05	6	<0.5	<0.2		
1065590	Drill Core	0.034	9	2	0.61	70	0.031	<1	0.83	0.067	0.22	<0.1	<0.01	3.0	0.1	0.13	4	<0.5	<0.2		
1065591	Drill Core	0.037	11	2	0.59	121	0.077	2	0.95	0.074	0.46	<0.1	<0.01	4.0	0.2	0.05	5	<0.5	<0.2		
1065592	Drill Core	0.040	16	2	0.13	55	0.007	<1	0.65	0.056	0.13	<0.1	0.02	3.4	0.2	<0.05	2	<0.5	<0.2		
1065593	Drill Core	0.041	9	1	0.04	116	<0.001	3	0.56	0.008	0.27	0.3	0.03	2.3	0.7	0.14	<1	0.8	<0.2		
1065594	Drill Core	0.013	7	3	0.03	170	<0.001	4	0.29	0.005	0.30	0.1	0.06	1.1	1.1	0.26	<1	<0.5	<0.2		
1065595	Rock	0.015	<1	<1	10.82	12	0.001	<1	0.06	0.002	0.05	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1065596	Drill Core	0.011	5	4	<0.01	326	<0.001	7	0.25	0.001	0.18	0.1	1.98	2.4	3.0	0.30	<1	<0.5	<0.2	<50	9.7
1065597	Drill Core	0.022	14	1	0.04	220	<0.001	2	0.44	0.005	0.21	<0.1	0.04	0.9	0.6	<0.05	<1	<0.5	<0.2		
1065598	Drill Core	0.071	5	99	1.07	130	0.102	<1	1.34	0.109	0.31	<0.1	<0.01	6.0	0.2	<0.05	5	<0.5	<0.2		
1065599	Drill Core	0.017	12	3	0.13	47	0.002	1	0.53	0.021	0.16	<0.1	0.04	1.4	0.1	<0.05	2	<0.5	<0.2		
1065600	Drill Core	0.017	13	1	0.02	79	<0.001	<1	0.44	0.002	0.18	<0.1	0.03	0.9	0.2	<0.05	<1	<0.5	0.3		
1065601	Drill Core	0.013	12	1	0.04	180	<0.001	5	0.29	0.003	0.20	<0.1	0.02	0.6	0.4	<0.05	<1	<0.5	<0.2		
1065602	Drill Core	0.020	10	1	0.03	278	<0.001	2	0.28	0.003	0.22	0.1	0.11	0.8	0.5	0.07	<1	<0.5	<0.2		
1065603	Drill Core	0.018	12	<1	0.03	126	<0.001	4	0.34	0.003	0.22	<0.1	0.03	1.0	0.4	<0.05	<1	0.5	<0.2		
1065604	Drill Core	0.024	17	1	0.06	122	<0.001	3	0.43	0.004	0.23	<0.1	0.04	0.9	0.3	<0.05	1	0.5	<0.2		
1065605	Rock Pulp	0.052	6	44	0.73	121	0.119	1	1.73	0.198	0.25	0.5	<0.01	3.0	<0.1	0.11	5	1.9	0.6		
1065606	Drill Core	0.038	13	1	0.07	117	0.001	2	0.47	0.004	0.20	<0.1	0.02	2.2	0.3	<0.05	1	0.5	<0.2		
1065607	Drill Core	0.080	18	1	0.05	372	0.001	2	0.41	0.005	0.32	0.2	0.13	5.1	0.6	0.17	1	1.0	<0.2		
1065608	Drill Core	0.023	15	1	0.04	112	<0.001	<1	0.41	0.005	0.22	0.1	0.07	1.7	0.7	<0.05	1	0.7	<0.2		
1065609	Drill Core	0.017	12	1	0.03	200	<0.001	<1	0.35	0.004	0.24	<0.1	0.02	1.0	0.6	<0.05	<1	<0.5	<0.2		
1065610	Drill Core	0.019	9	1	0.03	421	<0.001	2	0.37	0.003	0.16	<0.1	0.04	1.2	0.3	<0.05	<1	0.7	<0.2		
1065611	Drill Core	0.024	4	2	0.04	149	<0.001	3	0.41	0.002	0.22	<0.1	0.02	1.3	0.4	0.15	<1	0.5	0.7		
1065612	Drill Core	0.019	7	<1	0.03	198	<0.001	2	0.34	0.002	0.23	<0.1	<0.01	0.8	0.4	0.16	<1	<0.5	0.2		
1065613	Drill Core	0.021	8	1	0.08	432	<0.001	1	0.34	0.002	0.26	0.1	0.01	0.7	0.4	0.19	<1	0.6	<0.2		
1065614	Drill Core	0.013	11	1	0.34	348	<0.001	6	0.37	0.004	0.27	<0.1	<0.01	0.7	0.3	0.12	<1	<0.5	<0.2		
1065615	Drill Core	0.014	8	1	0.32	505	<0.001	<1	0.32	0.004	0.25	<0.1	0.01	0.6	0.3	0.17	<1	0.5	<0.2		
1065616	Drill Core	0.011	7	1	0.33	75	<0.001	2	0.32	0.004	0.23	<0.1	<0.01	0.5	0.2	0.15	<1	0.6	<0.2		
1065617	Drill Core	0.010	9	<1	0.49	51	<0.001	<1	0.34	0.003	0.19	<0.1	<0.01	0.4	0.2	<0.05	<1	<0.5	<0.2		

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Project: Charlotte Project
Report Date: August 24, 2011

CERTIFICATE OF ANALYSIS WHI11000759.1

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
1065618	Drill Core	5.03	<0.005	1.8	55.7	102.0	485	0.6	1.8	3.2	912	0.97	174.9	2.6	6.2	18	7.2	44.9	15.8	<2	0.79
1065619	Drill Core	4.74	<0.005	0.2	9.9	4.1	283	<0.1	9.7	7.6	618	2.11	29.8	0.6	4.5	38	2.0	3.4	0.4	22	1.04
1065620	Drill Core	4.60	0.016	0.2	2.5	29.4	760	0.1	1.8	3.0	2135	1.24	172.2	15.9	6.1	28	11.3	25.1	<0.1	<2	1.22
1065621	Drill Core	3.24	0.486	0.4	40.2	978.1	985	5.7	1.8	2.3	3320	1.14	667.2	541.9	6.6	12	28.6	153.0	<0.1	<2	0.12
1065622	Drill Core	3.99	2.523	0.5	14.0	984.9	1518	3.6	5.7	5.1	2321	1.44	512.4	3443	6.4	17	18.0	62.2	0.1	<2	0.12
1065623	Drill Core	2.72	0.055	0.4	10.0	136.4	1953	0.3	4.5	5.9	2943	1.13	208.2	61.0	4.9	14	16.3	26.0	<0.1	<2	0.39
1065624	Drill Core	3.17	0.074	0.2	8.3	610.2	318	1.8	0.9	1.2	380	0.94	198.5	69.1	6.3	15	6.1	26.8	<0.1	<2	0.08
1065625	Rock Pulp	0.14	0.405	10.1	137.9	7.3	52	0.2	28.0	37.1	515	3.25	1354	403.2	3.0	82	0.2	2.3	4.7	81	1.38
1065626	Drill Core	2.77	0.015	0.3	4.4	35.2	499	0.2	1.3	2.4	2204	1.18	116.7	11.2	3.8	27	6.6	13.7	<0.1	<2	1.19
1065627	Drill Core	3.60	0.133	0.3	18.4	761.2	1466	2.3	2.9	4.3	2323	1.55	534.9	147.2	5.7	14	26.7	49.0	<0.1	<2	0.38
1065628	Drill Core	3.63	0.202	0.4	13.5	159.8	2298	0.9	4.2	6.9	3151	1.43	694.3	239.8	6.8	24	19.3	135.7	<0.1	<2	0.48
1065629	Drill Core	4.38	1.225	0.4	26.6	494.1	275	7.9	0.8	1.8	72	1.66	1445	1409	1.9	17	12.2	315.8	3.4	<2	0.03
1065630	Drill Core	2.22	0.044	0.8	4.8	31.7	19	0.8	0.4	1.0	39	1.07	207.9	45.8	3.8	19	0.2	18.2	0.2	<2	0.03
1065631	Drill Core	2.09	1.929	0.7	128.9	1116	213	48.4	3.4	3.0	137	2.72	2495	2258	2.3	49	3.7	171.6	0.7	14	0.15
1065632	Drill Core	3.61	2.920	0.3	22.9	546.8	814	5.1	8.6	10.5	154	4.03	1984	3118	0.6	15	12.8	121.2	0.3	11	0.07
1065633	Drill Core	2.37	0.549	0.5	18.3	136.3	1041	2.3	10.3	7.6	267	5.32	1905	594.0	1.4	87	4.4	89.0	0.4	23	0.20
1065634	Drill Core	3.41	0.226	0.6	9.6	215.8	252	7.0	2.7	1.9	75	2.92	619.0	248.6	2.2	86	2.5	82.5	0.4	14	0.09
1065635	Rock	0.69	<0.005	<0.1	1.0	1.9	16	<0.1	0.9	0.6	228	0.42	5.3	2.6	<0.1	48	<0.1	0.5	<0.1	<2	20.34
1065636	Drill Core	2.60	0.318	0.6	40.1	490.2	579	3.8	6.6	7.7	877	3.12	615.1	371.3	1.5	49	5.1	48.2	0.8	17	0.51
1065637	Drill Core	3.13	0.014	0.3	57.8	27.4	842	0.4	20.3	22.8	2619	4.45	100.9	19.1	1.3	69	7.0	25.1	0.7	107	3.60
1065638	Drill Core	2.66	<0.005	0.5	60.7	9.0	424	0.2	10.9	21.1	2016	4.54	65.8	14.9	1.9	74	1.5	20.4	0.6	129	2.86
1065639	Drill Core	5.56	<0.005	0.5	46.9	6.9	475	0.2	14.7	22.1	1517	5.36	19.1	6.7	1.6	81	1.2	12.8	0.6	139	2.18
1065640	Drill Core	2.13	0.014	0.4	34.8	15.1	1319	0.2	22.3	28.5	2879	5.39	27.5	18.2	1.1	111	2.8	4.2	0.3	166	4.44
1065641	Drill Core	2.20	<0.005	0.3	44.0	5.1	995	<0.1	11.6	18.2	2206	4.15	7.2	4.8	1.6	77	1.5	4.0	0.3	104	2.77
1065642	Drill Core	3.83	0.019	0.6	48.8	6.2	2962	0.1	23.4	27.7	2527	5.84	202.6	15.1	1.2	72	24.8	7.8	0.6	166	2.98
1065643	Drill Core	2.73	0.010	0.5	61.1	19.9	3120	0.6	10.0	18.5	3135	5.00	283.5	14.0	1.3	48	37.3	23.1	0.4	63	2.47
1065644	Drill Core	3.61	0.020	0.4	41.2	243.7	2510	1.1	8.1	16.5	3394	4.58	243.4	23.1	1.7	67	36.4	16.2	0.7	45	3.36
1065645	Rock Pulp	0.14	>10	9.0	120.6	16.7	54	>100	16.0	10.6	603	3.57	235.0	12812	3.0	94	0.4	10.4	18.8	72	1.73
1065646	Drill Core	3.58	0.009	0.6	40.2	95.6	1319	0.6	10.3	18.7	3206	4.87	142.9	8.1	1.8	67	6.8	8.6	0.7	86	2.68
1065647	Drill Core	3.63	0.006	0.2	58.8	39.2	1149	0.3	10.7	20.6	2223	5.05	99.5	4.5	2.1	63	4.3	4.9	0.4	110	2.19

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Project: Charlotte Project
Report Date: August 24, 2011

CERTIFICATE OF ANALYSIS WHI11000759.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
1065618	Drill Core	0.020	9	<1	0.30	45	<0.001	1	0.35	0.003	0.22	<0.1	0.04	0.6	0.2	0.13	<1	0.7	8.4		
1065619	Drill Core	0.035	7	37	1.47	126	0.051	2	1.43	0.025	0.82	<0.1	<0.01	4.3	0.3	0.38	5	0.5	<0.2		
1065620	Drill Core	0.012	8	<1	0.46	152	<0.001	5	0.37	0.003	0.22	<0.1	0.04	1.0	0.5	0.30	<1	<0.5	<0.2		
1065621	Drill Core	0.012	7	1	0.06	156	<0.001	3	0.30	0.002	0.21	<0.1	0.09	0.4	0.5	0.23	<1	<0.5	<0.2		
1065622	Drill Core	0.019	8	3	0.06	201	<0.001	3	0.35	0.003	0.21	<0.1	0.03	0.8	0.5	0.11	<1	<0.5	<0.2		
1065623	Drill Core	0.009	6	1	0.17	98	<0.001	1	0.32	0.003	0.21	<0.1	<0.01	0.4	0.4	0.08	<1	<0.5	<0.2		
1065624	Drill Core	0.012	6	1	0.05	77	<0.001	2	0.29	0.003	0.24	<0.1	0.03	0.2	0.2	0.16	<1	<0.5	<0.2		
1065625	Rock Pulp	0.056	6	49	0.78	130	0.116	3	1.81	0.224	0.26	0.4	<0.01	2.4	<0.1	0.12	5	1.5	0.9		
1065626	Drill Core	0.019	5	2	0.43	197	<0.001	3	0.35	0.003	0.23	<0.1	<0.01	0.4	0.3	0.18	<1	<0.5	<0.2		
1065627	Drill Core	0.013	10	1	0.19	119	<0.001	2	0.32	0.003	0.23	<0.1	0.04	0.3	0.3	0.23	<1	<0.5	<0.2		
1065628	Drill Core	0.017	8	2	0.19	279	<0.001	3	0.47	0.003	0.26	<0.1	0.10	0.6	0.8	0.13	<1	<0.5	<0.2		
1065629	Drill Core	0.005	3	2	0.02	40	<0.001	3	0.27	0.001	0.25	0.1	0.28	0.3	1.8	1.20	<1	<0.5	1.6		
1065630	Drill Core	0.005	6	2	0.02	157	<0.001	2	0.28	0.005	0.30	<0.1	0.06	0.3	0.4	0.41	<1	<0.5	0.3		
1065631	Drill Core	0.039	3	6	0.09	83	<0.001	2	0.48	0.005	0.30	0.1	0.23	8.1	2.3	1.22	2	<0.5	0.2		
1065632	Drill Core	0.018	1	3	0.03	27	<0.001	3	0.31	0.002	0.22	0.1	0.14	2.5	1.7	4.00	1	<0.5	<0.2		
1065633	Drill Core	0.056	2	5	0.06	73	<0.001	3	0.48	0.008	0.52	0.1	0.19	4.7	2.7	1.34	2	<0.5	<0.2		
1065634	Drill Core	0.032	4	3	0.04	123	<0.001	2	0.33	0.006	0.53	0.1	0.07	2.2	1.9	0.68	1	<0.5	<0.2		
1065635	Rock	0.013	<1	<1	11.28	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		
1065636	Drill Core	0.035	4	3	0.18	92	<0.001	4	0.47	0.004	0.35	0.1	0.13	4.4	1.9	1.07	<1	<0.5	<0.2		
1065637	Drill Core	0.071	5	15	1.23	64	<0.001	2	0.93	0.002	0.15	0.1	0.20	17.9	0.5	1.55	2	0.8	0.2		
1065638	Drill Core	0.076	7	9	1.26	58	0.018	1	1.19	0.002	0.24	0.1	0.23	18.1	0.4	0.48	5	<0.5	<0.2		
1065639	Drill Core	0.080	7	18	1.90	219	0.097	<1	1.87	0.022	0.78	<0.1	0.01	17.6	0.5	0.56	6	<0.5	<0.2		
1065640	Drill Core	0.067	7	17	1.91	42	0.008	2	1.23	0.001	0.19	<0.1	0.09	20.9	0.3	0.27	3	<0.5	<0.2		
1065641	Drill Core	0.113	9	21	1.18	57	0.023	<1	1.31	<0.001	0.27	0.2	0.07	19.7	0.3	0.16	4	<0.5	<0.2		
1065642	Drill Core	0.072	7	27	1.30	53	0.014	1	1.56	0.001	0.24	0.1	0.11	23.0	0.3	0.17	4	<0.5	0.3		
1065643	Drill Core	0.057	5	4	1.17	24	0.003	2	0.93	0.002	0.20	0.1	0.10	12.0	0.6	0.68	2	<0.5	<0.2		
1065644	Drill Core	0.051	4	3	1.40	31	<0.001	3	0.78	0.004	0.22	0.2	0.09	9.8	0.7	1.74	2	<0.5	0.2		
1065645	Rock Pulp	0.049	7	25	0.73	119	0.137	4	1.95	0.222	0.21	4.7	0.49	2.5	<0.1	0.17	6	5.9	2.7	167	11.7
1065646	Drill Core	0.061	6	7	1.43	35	0.006	2	1.02	0.002	0.20	0.1	0.04	13.1	0.4	0.93	3	<0.5	<0.2		
1065647	Drill Core	0.058	7	6	1.39	117	0.047	<1	1.81	0.003	0.44	<0.1	0.09	14.7	0.3	0.47	5	<0.5	<0.2		

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	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
1065648	Drill Core	2.38	0.044	1.0	88.3	4567	2844	17.5	15.9	19.9	3654	4.85	185.2	46.7	1.2	94	34.9	20.1	0.8	89	3.52
1065649	Drill Core	3.90	0.010	1.0	67.3	38.9	450	0.8	15.0	21.4	1889	4.59	24.9	10.8	1.8	58	1.8	5.2	1.1	119	1.98
1065650	Drill Core	3.47	<0.005	0.8	105.0	5.1	149	0.1	12.4	24.8	1437	4.82	14.6	1.8	1.1	57	0.2	3.1	0.9	147	1.84
1065651	Drill Core	3.43	<0.005	0.3	65.2	16.8	379	0.1	21.6	23.1	1641	4.76	24.2	1.0	1.0	63	0.8	3.8	0.5	144	2.00
1065652	Drill Core	3.56	0.036	0.5	127.7	3048	4585	10.8	10.9	17.6	5847	5.56	109.8	40.0	1.1	98	60.0	13.9	0.9	47	3.54
1065653	Drill Core	2.31	0.031	0.5	57.9	171.1	2369	2.0	11.6	21.2	6032	4.94	170.8	18.0	1.0	109	20.4	7.4	1.9	38	4.07
1065654	Drill Core	2.39	0.006	0.7	69.5	18.3	1231	0.4	18.1	28.9	1606	5.38	64.2	4.4	0.8	28	7.5	2.7	1.2	181	1.21
1065655	Drill Core	1.12	0.007	0.9	71.1	23.3	1208	0.4	15.4	24.3	1512	4.71	52.2	3.6	0.8	26	8.9	2.6	0.9	169	1.08
1065656	Drill Core	1.06	0.008	0.3	79.0	4.9	1370	0.3	15.2	20.7	1347	3.95	66.6	5.4	0.7	24	4.7	1.5	0.6	143	1.33
1065657	Drill Core	2.97	<0.005	0.6	73.8	4.3	1090	0.2	13.8	20.9	1271	4.17	50.0	3.4	0.6	33	4.5	1.8	0.5	158	1.77
1065658	Drill Core	1.51	<0.005	0.8	257.8	7.1	499	0.5	13.8	24.0	1553	5.60	42.8	7.3	1.1	45	0.8	2.9	1.7	157	2.22
1065659	Drill Core	4.09	0.006	0.4	72.3	4.6	528	0.2	10.5	22.2	1120	5.44	20.2	4.3	0.7	55	1.2	2.3	1.3	144	2.39
1065660	Drill Core	2.40	<0.005	0.1	108.7	5.7	186	0.2	5.4	17.9	787	5.56	13.4	9.2	0.9	54	0.2	2.8	7.2	113	2.15
1065661	Drill Core	3.37	0.011	0.3	99.3	35.2	1752	1.1	4.6	29.1	2717	6.10	679.1	12.2	1.1	26	10.2	19.2	2.1	68	1.70
1065662	Drill Core	4.91	0.067	0.4	38.6	168.9	1736	2.5	3.4	20.0	2959	5.21	323.4	63.0	0.9	17	12.7	8.8	2.3	16	1.17
1065663	Drill Core	3.61	0.023	0.3	28.6	48.4	578	1.2	3.0	13.1	2385	3.88	148.7	26.0	1.5	25	4.1	5.9	0.6	6	1.44
1065664	Drill Core	3.57	0.009	0.5	21.7	16.2	1640	0.6	2.2	15.7	2942	4.45	41.5	8.1	1.7	10	7.8	5.2	0.8	10	0.70
1065665	Rock Pulp	0.14	0.395	10.6	136.9	6.1	49	0.2	27.1	36.7	508	3.19	1331	379.5	2.5	79	0.3	1.7	3.7	83	1.50
1065666	Drill Core	5.20	<0.005	0.2	13.4	2.6	239	<0.1	1.3	9.8	753	4.22	11.0	1.0	0.8	25	1.1	1.0	0.9	44	0.86
1065667	Drill Core	5.20	<0.005	0.4	16.4	2.0	392	<0.1	1.4	11.0	996	4.34	11.3	<0.5	1.4	34	1.6	0.7	0.2	50	0.79
1065668	Drill Core	2.70	<0.005	0.3	9.4	3.1	776	<0.1	1.4	7.0	690	2.93	7.2	1.3	2.8	13	5.2	0.9	0.5	19	0.47
1065669	Drill Core	3.45	<0.005	0.2	11.7	9.8	1433	<0.1	1.7	5.6	1255	2.38	21.3	<0.5	2.8	28	7.5	1.3	0.5	10	0.86
1065670	Drill Core	4.44	<0.005	0.3	8.8	1.8	819	<0.1	1.8	4.9	581	2.51	15.3	<0.5	2.8	13	5.6	0.8	0.4	12	0.27
1065671	Drill Core	2.71	<0.005	0.4	3.0	3.0	1225	<0.1	2.1	4.7	896	2.11	18.9	<0.5	3.6	17	9.4	1.5	0.3	<2	1.40
1065672	Drill Core	3.28	<0.005	1.2	5.9	2.7	121	<0.1	3.8	3.2	377	1.87	6.9	<0.5	3.5	24	0.2	0.8	0.4	3	2.13
1065673	Drill Core	2.08	<0.005	0.4	4.7	2.2	133	<0.1	8.0	5.0	403	2.08	3.3	<0.5	2.9	47	0.7	0.4	0.5	12	1.99
1065674	Drill Core	3.07	<0.005	0.7	2.6	1.3	29	<0.1	2.7	2.5	175	1.61	2.6	0.9	2.8	24	<0.1	0.3	0.6	3	1.22
1065675	Rock	0.68	0.015	<0.1	1.6	0.9	14	<0.1	1.5	0.7	177	0.41	1.1	<0.5	<0.1	33	<0.1	0.1	<0.1	<2	18.56
1065676	Drill Core	5.37	0.007	4.0	3.5	3.2	527	<0.1	1.0	3.9	345	1.69	4.3	<0.5	3.3	19	5.3	0.6	0.7	4	0.87
1065677	Drill Core	3.46	0.009	0.5	3.6	2.6	92	<0.1	1.3	3.4	196	2.07	1.9	2.1	3.9	30	0.2	0.4	1.1	11	1.24

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Project: Charlotte Project
Report Date: August 24, 2011

CERTIFICATE OF ANALYSIS WHI11000759.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1065648	Drill Core	0.053	4	12	1.50	55	0.001	<1	0.90	0.002	0.19	<0.1	0.38	11.0	0.4	1.11	2	<0.5	0.5		
1065649	Drill Core	0.061	6	17	1.56	119	0.058	1	2.30	0.058	0.29	<0.1	<0.01	11.9	0.4	1.27	7	<0.5	0.3		
1065650	Drill Core	0.059	5	12	2.13	113	0.095	1	2.05	0.089	0.61	<0.1	<0.01	13.5	0.6	1.03	6	<0.5	0.3		
1065651	Drill Core	0.063	4	22	1.92	160	0.057	<1	2.04	0.092	0.40	<0.1	<0.01	14.0	0.5	0.49	7	<0.5	<0.2		
1065652	Drill Core	0.063	4	5	1.81	55	<0.001	5	0.68	0.005	0.27	<0.1	0.06	8.2	1.0	1.13	1	<0.5	0.3		
1065653	Drill Core	0.068	4	5	1.73	60	0.001	6	0.78	0.006	0.31	0.1	<0.01	6.8	0.7	1.12	2	<0.5	0.3		
1065654	Drill Core	0.064	3	15	2.01	84	0.101	1	2.59	0.035	0.77	<0.1	<0.01	14.2	0.5	2.06	8	1.3	0.2		
1065655	Drill Core	0.056	3	14	1.86	115	0.113	<1	2.46	0.039	0.86	<0.1	<0.01	12.9	0.5	1.38	8	<0.5	<0.2		
1065656	Drill Core	0.062	3	13	1.41	83	0.085	2	2.19	0.078	0.27	<0.1	<0.01	11.3	0.3	0.53	7	0.5	0.3		
1065657	Drill Core	0.052	3	11	1.53	233	0.138	2	2.56	0.079	0.75	<0.1	<0.01	10.7	0.4	0.50	7	0.6	0.4		
1065658	Drill Core	0.043	4	12	2.96	163	0.101	1	3.68	0.013	0.85	<0.1	<0.01	14.2	0.4	1.60	10	1.4	0.5		
1065659	Drill Core	0.067	4	9	2.03	60	0.104	2	2.99	0.035	0.75	<0.1	<0.01	14.8	0.5	2.78	9	0.8	0.4		
1065660	Drill Core	0.084	4	11	1.45	65	0.083	3	3.19	0.087	0.39	0.1	<0.01	13.6	0.3	2.23	10	0.5	1.1		
1065661	Drill Core	0.084	5	1	0.85	72	0.017	3	1.44	0.003	0.40	0.2	0.09	11.4	0.4	3.49	4	1.0	0.7		
1065662	Drill Core	0.080	3	1	0.50	52	0.007	5	0.50	0.004	0.27	0.2	0.07	4.7	1.0	3.59	1	0.8	0.3		
1065663	Drill Core	0.080	3	1	0.52	63	<0.001	6	0.47	0.004	0.33	<0.1	0.08	3.8	1.1	2.64	1	0.6	0.2		
1065664	Drill Core	0.084	8	<1	0.39	67	<0.001	3	0.68	0.003	0.33	<0.1	0.08	5.4	0.9	1.88	2	0.9	<0.2		
1065665	Rock Pulp	0.053	7	49	0.78	134	0.125	4	1.93	0.223	0.26	0.4	0.01	2.9	<0.1	0.12	5	2.1	0.8		
1065666	Drill Core	0.073	4	1	0.86	113	0.165	<1	1.95	0.068	0.78	0.2	<0.01	8.5	0.2	0.90	7	<0.5	0.2		
1065667	Drill Core	0.071	5	2	1.09	259	0.230	1	2.24	0.100	1.15	0.1	<0.01	11.2	0.3	0.54	8	<0.5	<0.2		
1065668	Drill Core	0.037	8	2	0.34	64	0.023	<1	0.89	0.062	0.18	<0.1	<0.01	4.4	0.1	1.15	4	0.6	<0.2		
1065669	Drill Core	0.032	10	1	0.23	44	0.003	2	0.71	0.044	0.17	<0.1	<0.01	2.8	0.1	0.91	3	0.6	<0.2		
1065670	Drill Core	0.025	10	2	0.34	110	0.028	1	0.91	0.063	0.28	0.1	<0.01	3.2	0.1	0.99	5	0.6	<0.2		
1065671	Drill Core	0.019	11	<1	0.60	35	0.011	3	0.95	0.005	0.44	<0.1	<0.01	2.0	0.2	0.78	3	0.5	<0.2		
1065672	Drill Core	0.019	11	6	0.72	74	0.005	2	1.05	0.017	0.33	<0.1	<0.01	1.7	0.2	0.82	3	<0.5	<0.2		
1065673	Drill Core	0.042	10	16	0.51	63	0.004	2	0.86	0.037	0.23	0.4	<0.01	2.5	0.1	1.01	3	0.6	<0.2		
1065674	Drill Core	0.052	7	1	0.24	91	<0.001	2	0.37	0.049	0.16	0.1	<0.01	1.6	<0.1	1.05	1	0.6	<0.2		
1065675	Rock	0.014	<1	<1	10.71	10	<0.001	<1	0.02	0.002	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1065676	Drill Core	0.035	7	<1	0.25	85	<0.001	3	0.50	0.046	0.18	0.1	<0.01	1.6	<0.1	1.21	1	<0.5	<0.2		
1065677	Drill Core	0.042	8	1	0.48	81	0.002	2	0.60	0.059	0.20	0.2	<0.01	1.9	0.1	1.41	3	<0.5	0.3		

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Project: Charlotte Project
Report Date: August 24, 2011

CERTIFICATE OF ANALYSIS WHI11000759.1

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
1065678	Drill Core	4.66	0.006	1.4	3.9	1.8	43	<0.1	3.3	3.7	375	2.58	0.6	1.0	3.3	32	<0.1	0.5	0.4	20	1.05
1065679	Drill Core	3.37	0.005	1.3	2.6	3.7	114	<0.1	3.4	4.0	352	2.84	2.4	0.8	3.2	32	0.2	0.7	0.7	6	2.09
1065680	Drill Core	5.43	<0.005	0.1	5.9	4.9	416	<0.1	7.5	7.0	678	2.23	22.2	1.3	3.4	38	2.1	2.2	0.5	11	2.40
1065681	Drill Core	2.70	0.690	1.1	14.1	95.9	632	5.7	2.2	6.4	3087	3.38	831.8	776.9	1.9	49	6.5	35.9	0.7	10	2.51
1065682	Drill Core	4.89	4.553	0.7	333.5	9299	8490	>100	8.5	15.9	2298	6.11	>10000	4568	0.6	18	105.0	>2000	1.3	16	1.61
1065683	Rock	0.65	<0.005	<0.1	2.4	15.8	38	0.5	1.5	0.9	212	0.45	27.9	13.6	<0.1	36	0.3	5.9	<0.1	<2	19.93
1065684	Drill Core	2.65	0.273	1.9	59.9	1005	1269	9.5	15.8	25.1	1937	6.54	866.9	330.9	1.0	85	17.7	364.4	1.0	119	4.86
1065685	Rock Pulp	0.14	>10	8.6	129.3	12.9	62	>100	16.7	11.9	631	3.66	243.4	12938	2.6	76	0.2	7.4	15.3	75	1.78
1065686	Drill Core	1.91	<0.005	1.0	89.2	18.6	74	0.2	14.1	24.5	1496	5.42	32.5	12.7	0.9	77	0.2	28.3	0.3	142	3.68
1065687	Drill Core	5.80	<0.005	1.0	115.1	30.8	101	0.7	18.5	29.4	1768	6.03	58.5	13.8	0.9	82	0.5	37.2	0.4	135	4.11
1065688	Drill Core	4.11	0.005	0.2	36.6	15.3	70	0.9	15.8	21.1	2106	4.17	109.9	14.2	1.2	76	0.1	11.3	0.3	47	3.87
1065689	Drill Core	3.82	0.008	0.7	14.8	11.6	52	0.3	35.8	26.6	1887	4.24	65.9	11.4	1.4	65	0.2	5.3	0.5	59	3.39
1065690	Drill Core	4.40	<0.005	0.4	7.9	5.6	35	0.1	29.8	30.2	577	4.15	9.6	14.1	0.7	94	0.1	3.9	0.7	126	3.60
1065691	Drill Core	5.77	<0.005	0.5	9.8	3.9	36	<0.1	25.5	18.8	628	3.82	6.4	10.1	0.8	97	0.1	3.4	0.4	103	3.56
1065692	Drill Core	1.77	0.009	0.3	30.1	4.0	54	0.1	25.4	23.4	800	4.83	8.1	22.2	1.0	82	0.1	9.7	0.3	99	3.98
1065693	Drill Core	3.32	0.058	0.3	12.1	4.4	26	<0.1	29.1	26.9	684	4.11	12.9	68.2	1.2	83	0.1	2.7	0.7	73	3.97
1065694	Drill Core	4.25	<0.005	0.2	8.1	5.0	32	<0.1	19.6	20.6	517	4.03	9.2	8.4	2.2	86	0.1	4.1	0.7	92	3.32
1065695	Drill Core	2.04	<0.005	0.3	9.2	4.4	36	<0.1	23.7	21.6	547	4.17	6.9	5.9	1.9	83	0.1	4.5	0.6	100	3.33
1065696	Drill Core	4.19	<0.005	0.3	64.9	3.9	38	0.2	31.2	29.1	713	5.36	5.4	16.0	1.5	67	<0.1	5.0	0.7	83	2.99
1065697	Drill Core	3.78	0.010	0.1	21.7	5.9	40	0.1	26.6	22.8	638	4.28	6.7	21.5	1.3	103	0.1	7.9	0.7	94	4.46
1065698	Drill Core	2.12	0.018	0.2	91.8	70.1	113	1.3	24.8	15.5	459	3.19	61.4	22.8	0.7	50	1.3	32.8	0.2	102	2.39
1065699	Drill Core	3.24	0.120	0.4	78.7	39.6	136	1.0	45.6	33.1	1738	6.67	186.1	141.3	1.1	33	1.0	20.9	0.4	117	1.61
1065700	Drill Core	4.11	<0.005	0.6	3.4	8.0	27	0.1	5.7	3.8	379	1.21	16.7	8.2	5.3	16	0.2	3.7	0.3	10	0.70
1065701	Drill Core	3.38	<0.005	1.3	2.3	6.1	21	0.1	16.6	7.6	634	1.71	16.8	2.4	3.3	31	0.1	2.5	0.2	21	1.37
1065702	Drill Core	5.09	<0.005	0.3	5.4	6.1	68	<0.1	38.1	18.8	1465	3.87	23.2	4.9	2.8	76	<0.1	3.7	0.7	67	3.72
1065703	Drill Core	5.25	<0.005	3.9	16.1	7.6	43	<0.1	51.7	24.2	1081	4.87	18.5	2.5	3.5	51	0.1	6.5	0.7	88	2.85
1065704	Drill Core	5.58	<0.005	0.3	5.2	2.8	41	<0.1	30.8	19.3	840	4.48	2.1	0.9	2.8	44	<0.1	3.5	0.7	171	2.63
1065705	Rock Pulp	0.14	0.389	9.5	130.2	5.9	50	0.2	26.2	34.6	501	3.06	1287	373.0	2.4	68	0.2	1.6	3.4	74	1.34
1065706	Drill Core	4.47	<0.005	0.4	2.7	4.4	26	<0.1	33.4	12.1	736	3.06	16.4	2.7	3.0	38	<0.1	1.3	0.6	55	2.09
1065707	Drill Core	4.19	<0.005	0.7	7.5	5.1	36	<0.1	29.6	18.3	915	3.20	8.3	2.8	3.8	34	0.1	5.4	0.6	52	1.59

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1065678	Drill Core	0.048	12	1	0.94	103	0.055	1	1.26	0.050	0.61	0.3	<0.01	3.2	0.2	0.94	5	<0.5	<0.2		
1065679	Drill Core	0.038	6	<1	0.90	62	<0.001	3	0.66	0.015	0.30	0.3	<0.01	1.4	0.2	2.25	2	0.9	<0.2		
1065680	Drill Core	0.057	8	6	0.85	81	<0.001	3	0.68	0.003	0.26	0.1	0.02	3.8	0.4	1.30	1	0.6	0.2		
1065681	Drill Core	0.057	3	2	0.93	20	<0.001	3	0.48	0.004	0.26	0.2	0.23	3.2	2.4	3.09	1	0.7	<0.2		
1065682	Drill Core	0.039	<1	2	0.60	20	<0.001	3	0.36	0.002	0.17	0.2	0.51	4.4	3.2	6.26	1	0.6	<0.2	202	4.3
1065683	Rock	0.015	<1	<1	11.59	14	<0.001	<1	0.03	0.002	0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1065684	Drill Core	0.058	4	10	2.06	29	0.003	2	1.03	0.002	0.16	0.2	0.24	15.9	0.5	3.23	2	<0.5	0.3		
1065685	Rock Pulp	0.053	7	27	0.77	124	0.134	5	2.01	0.223	0.23	4.4	0.54	3.1	<0.1	0.18	5	5.3	2.7	163	11.5
1065686	Drill Core	0.071	5	7	1.87	61	0.001	1	0.86	0.001	0.12	<0.1	0.35	18.7	0.3	1.31	2	1.0	<0.2		
1065687	Drill Core	0.071	4	11	2.15	27	<0.001	3	1.07	0.001	0.19	<0.1	0.25	19.6	0.5	1.81	2	1.0	0.3		
1065688	Drill Core	0.072	4	4	1.39	46	<0.001	2	0.71	0.003	0.26	0.1	0.14	11.4	1.6	2.53	2	<0.5	<0.2		
1065689	Drill Core	0.085	5	28	1.16	43	<0.001	3	1.00	0.003	0.22	0.1	0.05	16.0	0.7	3.19	2	1.5	<0.2		
1065690	Drill Core	0.090	5	51	1.30	46	0.045	3	1.79	0.065	0.20	<0.1	0.02	17.5	0.2	2.58	6	0.7	<0.2		
1065691	Drill Core	0.080	4	42	1.68	62	0.042	2	1.64	0.059	0.19	<0.1	0.01	13.4	0.1	2.07	5	<0.5	<0.2		
1065692	Drill Core	0.097	9	43	1.12	65	0.004	1	1.91	0.020	0.13	<0.1	0.02	18.7	0.2	2.06	4	0.8	0.4		
1065693	Drill Core	0.102	7	27	1.11	26	<0.001	5	0.75	0.004	0.14	0.1	0.03	20.4	0.2	3.03	1	1.3	0.4		
1065694	Drill Core	0.124	7	20	0.85	38	0.007	2	0.92	0.036	0.16	0.1	0.03	17.4	0.2	2.81	3	1.2	0.4		
1065695	Drill Core	0.109	8	28	0.84	35	0.004	1	0.92	0.035	0.12	<0.1	0.03	18.3	0.1	2.80	3	1.2	0.4		
1065696	Drill Core	0.110	8	25	0.74	28	0.002	2	0.97	0.017	0.12	<0.1	0.03	18.8	0.1	3.30	2	1.0	0.3		
1065697	Drill Core	0.117	8	36	0.67	62	0.002	1	1.49	0.010	0.12	<0.1	0.02	22.6	0.1	1.75	3	<0.5	0.5		
1065698	Drill Core	0.127	6	40	0.55	131	0.002	1	1.38	0.007	0.15	<0.1	0.07	17.9	0.2	0.81	3	<0.5	<0.2		
1065699	Drill Core	0.102	9	50	1.05	58	0.006	2	0.89	0.003	0.16	0.7	0.18	23.1	0.3	0.94	2	<0.5	<0.2		
1065700	Drill Core	0.012	7	5	0.26	128	<0.001	2	0.37	0.006	0.15	<0.1	0.11	1.8	0.2	0.66	<1	<0.5	<0.2		
1065701	Drill Core	0.033	5	12	0.54	54	<0.001	3	0.48	0.004	0.16	0.1	0.03	5.0	0.4	1.07	1	<0.5	<0.2		
1065702	Drill Core	0.081	5	34	1.31	47	0.001	3	0.81	0.003	0.24	0.1	0.20	13.0	0.5	1.68	2	0.6	<0.2		
1065703	Drill Core	0.119	9	37	1.15	29	0.002	2	0.97	0.001	0.15	0.1	0.64	16.9	0.3	2.78	2	1.2	0.2		
1065704	Drill Core	0.113	9	44	2.07	86	0.144	<1	1.87	0.003	1.03	0.2	0.05	20.3	0.4	1.66	6	0.6	0.2		
1065705	Rock Pulp	0.050	6	48	0.75	123	0.114	3	1.72	0.192	0.25	0.4	<0.01	2.6	<0.1	0.12	5	1.6	0.6		
1065706	Drill Core	0.053	7	25	0.88	46	0.002	<1	0.73	0.003	0.14	<0.1	0.18	11.6	0.1	1.60	2	0.8	0.5		
1065707	Drill Core	0.061	9	26	0.64	87	0.005	1	0.73	0.002	0.14	0.3	0.13	11.6	0.2	1.22	2	0.6	0.3		

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Project: Charlotte Project
Report Date: August 24, 2011

CERTIFICATE OF ANALYSIS WHI11000759.1

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
1065708	Drill Core	2.08	<0.005	0.1	23.7	5.8	40	0.1	70.7	32.1	601	4.19	11.4	3.7	2.0	46	0.2	10.7	0.9	86	1.87
1065709	Drill Core	2.76	<0.005	0.2	35.6	4.9	51	0.1	64.0	30.2	1153	6.66	13.2	4.7	2.3	27	<0.1	22.3	0.6	142	1.23
1065710	Drill Core	1.95	<0.005	<0.1	33.7	2.2	46	<0.1	46.5	21.4	1271	4.61	4.7	2.6	0.8	23	<0.1	8.7	0.2	110	1.05
1065711	Drill Core	5.58	<0.005	0.1	7.4	35.0	187	0.4	48.9	28.5	2927	4.65	54.7	8.0	0.7	87	1.9	4.6	0.3	78	3.86
1065712	Drill Core	1.37	0.009	0.1	3.0	6.8	68	0.4	22.2	23.1	1851	3.84	31.8	2.8	1.7	78	<0.1	4.6	0.3	52	3.76
1065713	Drill Core	2.10	<0.005	0.4	2.8	14.0	61	0.4	16.4	18.0	2949	3.69	38.2	14.3	1.4	139	0.2	3.0	0.3	25	6.56
1065714	Drill Core	2.31	<0.005	<0.1	6.9	5.8	74	0.2	28.8	27.5	1766	5.35	12.8	4.4	0.9	62	<0.1	4.8	0.5	141	3.43
1065715	Rock	0.81	<0.005	<0.1	3.0	0.8	12	<0.1	1.7	0.7	190	0.43	<0.5	3.9	<0.1	39	<0.1	<0.1	0.7	<2	20.42
1065716	Drill Core	3.42	0.034	0.7	6.9	41.5	33	0.7	2.5	1.2	76	0.77	49.5	34.0	3.9	23	0.3	9.3	0.2	3	0.11
1065717	Drill Core	2.54	0.017	0.6	10.0	24.9	70	0.6	1.9	1.6	197	1.47	62.7	22.3	4.9	18	0.5	9.8	0.2	13	0.13
1065718	Drill Core	1.71	<0.005	0.8	28.8	2.8	181	0.2	5.0	5.4	614	3.53	182.7	5.7	1.4	58	1.3	5.5	0.3	76	0.53
1065719	Drill Core	3.83	<0.005	1.0	22.9	2.2	108	0.1	4.1	2.9	222	2.82	73.5	2.4	1.6	60	0.6	3.8	0.3	49	0.43
1065720	Drill Core	2.40	<0.005	0.3	24.7	1.7	129	<0.1	3.4	3.7	359	2.49	77.1	<0.5	2.3	29	0.7	3.0	0.1	54	0.62
1065721	Drill Core	3.62	<0.005	0.3	35.4	1.3	114	<0.1	4.9	5.3	417	2.62	55.6	<0.5	1.3	15	0.7	2.0	<0.1	61	0.72
1065722	Drill Core	1.65	<0.005	0.5	16.5	0.9	107	<0.1	1.8	3.6	301	2.55	13.3	1.1	1.2	9	0.3	0.7	<0.1	42	0.44
1065723	Drill Core	0.88	<0.005	0.6	28.6	5.0	109	0.2	9.6	8.4	310	4.24	52.6	1.2	2.4	74	0.6	1.5	1.5	120	0.75
1065724	Drill Core	2.87	<0.005	1.0	70.1	3.6	121	0.2	4.6	3.9	161	3.11	49.9	5.2	2.4	26	0.5	2.3	1.2	81	0.34

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Project: Charlotte Project
Report Date: August 24, 2011

CERTIFICATE OF ANALYSIS WHI11000759.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1065708	Drill Core	0.093	4	131	1.30	40	0.007	<1	2.25	<0.001	0.25	0.4	0.09	15.3	0.2	1.16	5	0.7	0.3		
1065709	Drill Core	0.123	5	129	1.27	68	0.049	1	1.58	<0.001	0.48	0.4	0.09	22.7	0.2	2.77	4	1.0	0.3		
1065710	Drill Core	0.105	3	98	1.18	106	0.059	<1	1.54	<0.001	0.59	0.2	0.03	24.1	0.3	0.43	4	<0.5	<0.2		
1065711	Drill Core	0.111	5	53	1.47	47	0.002	5	0.89	0.003	0.29	<0.1	0.04	16.9	0.5	1.29	2	<0.5	<0.2		
1065712	Drill Core	0.083	5	11	1.37	61	0.001	3	0.84	0.002	0.26	0.1	0.06	8.9	0.4	1.76	2	0.6	<0.2		
1065713	Drill Core	0.044	3	6	2.56	55	<0.001	2	0.65	0.004	0.20	0.1	0.04	5.4	0.3	2.29	1	1.1	<0.2		
1065714	Drill Core	0.119	6	38	1.72	93	0.044	2	1.60	0.002	0.50	0.1	0.07	19.5	0.4	2.18	5	0.6	<0.2		
1065715	Rock	0.014	<1	<1	10.33	14	<0.001	1	0.01	0.002	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1065716	Drill Core	0.007	12	3	0.02	1151	0.001	3	0.40	0.014	0.18	0.3	0.06	0.7	0.2	0.10	<1	<0.5	<0.2		
1065717	Drill Core	0.015	15	4	0.15	509	0.013	4	0.57	0.022	0.22	0.4	0.03	1.9	0.2	0.12	2	<0.5	<0.2		
1065718	Drill Core	0.074	3	13	0.76	191	0.127	2	1.68	0.099	0.20	0.3	<0.01	7.9	0.2	0.26	6	<0.5	<0.2		
1065719	Drill Core	0.048	4	12	0.49	311	0.119	1	1.39	0.102	0.21	0.2	<0.01	6.3	0.2	0.23	5	0.7	<0.2		
1065720	Drill Core	0.053	4	8	0.48	130	0.120	1	1.49	0.098	0.15	<0.1	<0.01	6.4	0.2	0.10	5	0.5	<0.2		
1065721	Drill Core	0.064	3	9	0.67	113	0.147	1	1.42	0.097	0.22	<0.1	<0.01	7.8	0.2	0.14	5	<0.5	<0.2		
1065722	Drill Core	0.070	2	3	0.63	301	0.116	<1	1.07	0.082	0.40	<0.1	<0.01	7.2	0.2	<0.05	5	<0.5	<0.2		
1065723	Drill Core	0.070	6	10	1.48	143	0.151	2	2.87	0.168	0.21	0.2	<0.01	7.8	0.1	0.77	11	2.2	1.2		
1065724	Drill Core	0.040	4	20	0.63	82	0.138	<1	1.31	0.091	0.12	<0.1	0.02	6.5	0.1	0.20	5	1.2	1.4		

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Project: Charlotte Project
Report Date: August 24, 2011

QUALITY CONTROL REPORT WHI11000759.1

	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																					
1065593	Drill Core	2.55	0.013	0.5	10.4	43.5	430	0.4	4.8	11.4	1072	2.62	561.3	23.8	6.7	48	3.1	31.5	0.3	<2	0.08
REP 1065593	QC			0.5	10.0	42.5	397	0.4	4.9	11.0	1070	2.63	555.1	23.7	6.5	47	2.9	31.7	0.3	<2	0.08
1065602	Drill Core	4.92	0.055	0.4	2.3	64.2	207	0.7	1.6	1.2	221	1.37	429.5	54.7	6.0	12	0.9	18.9	0.1	<2	0.04
REP 1065602	QC		0.050																		
1065620	Drill Core	4.60	0.016	0.2	2.5	29.4	760	0.1	1.8	3.0	2135	1.24	172.2	15.9	6.1	28	11.3	25.1	<0.1	<2	1.22
REP 1065620	QC			0.2	2.5	29.6	763	0.1	1.7	2.8	2046	1.22	168.0	15.9	6.0	28	11.3	24.4	<0.1	<2	1.20
1065623	Drill Core	2.72	0.055	0.4	10.0	136.4	1953	0.3	4.5	5.9	2943	1.13	208.2	61.0	4.9	14	16.3	26.0	<0.1	<2	0.39
REP 1065623	QC			0.4	9.6	125.2	1915	0.3	4.9	6.0	2869	1.11	202.9	56.4	5.1	14	15.0	24.9	<0.1	<2	0.38
1065639	Drill Core	5.56	<0.005	0.5	46.9	6.9	475	0.2	14.7	22.1	1517	5.36	19.1	6.7	1.6	81	1.2	12.8	0.6	139	2.18
REP 1065639	QC		<0.005																		
1065647	Drill Core	3.63	0.006	0.2	58.8	39.2	1149	0.3	10.7	20.6	2223	5.05	99.5	4.5	2.1	63	4.3	4.9	0.4	110	2.19
REP 1065647	QC			0.2	58.1	38.8	1151	0.3	12.2	20.7	2211	5.03	97.5	5.1	2.1	63	4.1	5.0	0.4	109	2.19
1065664	Drill Core	3.57	0.009	0.5	21.7	16.2	1640	0.6	2.2	15.7	2942	4.45	41.5	8.1	1.7	10	7.8	5.2	0.8	10	0.70
REP 1065664	QC			0.6	20.6	16.0	1623	0.5	2.1	15.4	2892	4.40	40.5	7.0	1.7	9	7.5	5.2	0.8	10	0.70
1065674	Drill Core	3.07	<0.005	0.7	2.6	1.3	29	<0.1	2.7	2.5	175	1.61	2.6	0.9	2.8	24	<0.1	0.3	0.6	3	1.22
REP 1065674	QC		<0.005																		
1065688	Drill Core	4.11	0.005	0.2	36.6	15.3	70	0.9	15.8	21.1	2106	4.17	109.9	14.2	1.2	76	0.1	11.3	0.3	47	3.87
REP 1065688	QC		0.007																		
1065690	Drill Core	4.40	<0.005	0.4	7.9	5.6	35	0.1	29.8	30.2	577	4.15	9.6	14.1	0.7	94	0.1	3.9	0.7	126	3.60
REP 1065690	QC			0.3	7.2	5.4	33	<0.1	28.6	27.9	548	3.97	9.6	16.3	0.8	88	<0.1	4.0	0.7	119	3.41
REP 1065702	QC			0.4	5.4	5.9	65	<0.1	36.3	18.0	1383	3.67	21.4	4.6	2.7	70	0.1	3.3	0.7	66	3.54
1065717	Drill Core	2.54	0.017	0.6	10.0	24.9	70	0.6	1.9	1.6	197	1.47	62.7	22.3	4.9	18	0.5	9.8	0.2	13	0.13
REP 1065717	QC			0.7	10.0	25.3	70	0.6	1.9	1.6	193	1.45	64.9	23.3	4.9	20	0.5	10.4	0.2	13	0.13
Core Reject Duplicates																					
1065597	Drill Core	4.00	0.031	0.9	3.3	23.7	305	0.2	3.8	6.5	2793	1.31	312.1	29.8	8.0	10	1.5	11.5	<0.1	<2	0.07
DUP 1065597	QC		0.049	0.9	3.0	17.1	281	0.2	2.8	5.3	2107	1.23	302.8	41.1	7.2	8	1.3	10.6	<0.1	<2	0.07
1065632	Drill Core	3.61	2.920	0.3	22.9	546.8	814	5.1	8.6	10.5	154	4.03	1984	3118	0.6	15	12.8	121.2	0.3	11	0.07
DUP 1065632	QC		2.597	0.3	21.6	559.0	843	4.9	8.5	10.1	154	3.91	1948	3181	0.6	16	13.7	134.5	0.4	10	0.07

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	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
Pulp Duplicates																					
1065593	Drill Core	0.041	9	1	0.04	116	<0.001	3	0.56	0.008	0.27	0.3	0.03	2.3	0.7	0.14	<1	0.8	<0.2		
REP 1065593	QC	0.038	9	1	0.04	117	<0.001	1	0.53	0.008	0.24	0.4	0.03	2.1	0.7	0.14	<1	<0.5	<0.2		
1065602	Drill Core	0.020	10	1	0.03	278	<0.001	2	0.28	0.003	0.22	0.1	0.11	0.8	0.5	0.07	<1	<0.5	<0.2		
REP 1065602	QC																				
1065620	Drill Core	0.012	8	<1	0.46	152	<0.001	5	0.37	0.003	0.22	<0.1	0.04	1.0	0.5	0.30	<1	<0.5	<0.2		
REP 1065620	QC	0.011	8	<1	0.46	147	<0.001	<1	0.37	0.003	0.21	<0.1	0.03	1.1	0.4	0.28	<1	<0.5	<0.2		
1065623	Drill Core	0.009	6	1	0.17	98	<0.001	1	0.32	0.003	0.21	<0.1	<0.01	0.4	0.4	0.08	<1	<0.5	<0.2		
REP 1065623	QC	0.009	6	1	0.17	93	<0.001	3	0.32	0.003	0.21	<0.1	0.01	0.4	0.3	0.07	<1	<0.5	<0.2		
1065639	Drill Core	0.080	7	18	1.90	219	0.097	<1	1.87	0.022	0.78	<0.1	0.01	17.6	0.5	0.56	6	<0.5	<0.2		
REP 1065639	QC																				
1065647	Drill Core	0.058	7	6	1.39	117	0.047	<1	1.81	0.003	0.44	<0.1	0.09	14.7	0.3	0.47	5	<0.5	<0.2		
REP 1065647	QC	0.057	8	6	1.40	116	0.046	<1	1.80	0.003	0.43	0.1	0.09	14.4	0.3	0.47	5	<0.5	<0.2		
1065664	Drill Core	0.084	8	<1	0.39	67	<0.001	3	0.68	0.003	0.33	<0.1	0.08	5.4	0.9	1.88	2	0.9	<0.2		
REP 1065664	QC	0.085	8	<1	0.39	64	<0.001	3	0.67	0.003	0.32	<0.1	0.07	5.0	0.9	1.86	2	<0.5	<0.2		
1065674	Drill Core	0.052	7	1	0.24	91	<0.001	2	0.37	0.049	0.16	0.1	<0.01	1.6	<0.1	1.05	1	0.6	<0.2		
REP 1065674	QC																				
1065688	Drill Core	0.072	4	4	1.39	46	<0.001	2	0.71	0.003	0.26	0.1	0.14	11.4	1.6	2.53	2	<0.5	<0.2		
REP 1065688	QC																				
1065690	Drill Core	0.090	5	51	1.30	46	0.045	3	1.79	0.065	0.20	<0.1	0.02	17.5	0.2	2.58	6	0.7	<0.2		
REP 1065690	QC	0.090	5	51	1.23	46	0.044	2	1.72	0.061	0.19	<0.1	0.02	16.8	0.2	2.45	5	0.5	0.3		
REP 1065702	QC	0.082	5	31	1.26	39	0.001	2	0.77	0.003	0.24	<0.1	0.18	12.0	0.5	1.60	2	<0.5	0.3		
1065717	Drill Core	0.015	15	4	0.15	509	0.013	4	0.57	0.022	0.22	0.4	0.03	1.9	0.2	0.12	2	<0.5	<0.2		
REP 1065717	QC	0.017	15	4	0.16	536	0.013	4	0.57	0.022	0.22	0.4	0.02	1.9	0.2	0.12	1	<0.5	<0.2		
Core Reject Duplicates																					
1065597	Drill Core	0.022	14	1	0.04	220	<0.001	2	0.44	0.005	0.21	<0.1	0.04	0.9	0.6	<0.05	<1	<0.5	<0.2		
DUP 1065597	QC	0.019	11	1	0.04	158	<0.001	2	0.35	0.005	0.17	<0.1	0.04	0.9	0.5	<0.05	<1	<0.5	<0.2		
1065632	Drill Core	0.018	1	3	0.03	27	<0.001	3	0.31	0.002	0.22	0.1	0.14	2.5	1.7	4.00	1	<0.5	<0.2		
DUP 1065632	QC	0.018	1	3	0.03	28	<0.001	3	0.29	0.001	0.20	0.1	0.13	2.4	1.7	3.84	1	<0.5	<0.2		

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 24, 2011

QUALITY CONTROL REPORT WHI11000759.1

		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
1065667	Drill Core	5.20	<0.005	0.4	16.4	2.0	392	<0.1	1.4	11.0	996	4.34	11.3	<0.5	1.4	34	1.6	0.7	0.2	50	0.79
DUP 1065667	QC		<0.005	0.4	16.8	1.9	402	<0.1	1.5	10.8	941	4.26	10.7	<0.5	1.3	30	1.8	0.7	0.2	48	0.74
1065702	Drill Core	5.09	<0.005	0.3	5.4	6.1	68	<0.1	38.1	18.8	1465	3.87	23.2	4.9	2.8	76	<0.1	3.7	0.7	67	3.72
DUP 1065702	QC		0.014	0.3	4.8	5.8	64	<0.1	36.9	19.1	1434	3.79	22.0	3.5	2.6	71	0.1	3.3	0.7	65	3.65
Reference Materials																					
STD AGPROOF	Standard																				
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			13.9	107.5	119.9	310	1.7	37.9	7.3	620	2.47	26.1	109.2	6.9	75	2.4	6.0	6.9	41	0.73
STD DS8	Standard			14.4	120.3	103.2	318	1.8	40.4	8.1	647	2.59	27.2	118.1	5.8	65	2.3	4.9	5.6	43	0.78
STD DS8	Standard			13.9	105.8	95.4	297	1.7	37.6	7.0	575	2.31	23.0	119.6	5.4	57	2.2	4.8	5.1	37	0.66
STD DS8	Standard			12.6	100.5	120.4	298	1.7	36.1	7.4	583	2.36	25.5	105.4	6.9	66	2.3	5.7	6.5	35	0.66
STD DS8	Standard			12.6	106.4	112.2	306	1.7	36.1	7.4	599	2.41	25.6	116.3	6.2	61	2.3	5.2	6.3	40	0.68
STD OXH82	Standard		1.291																		
STD OXH82	Standard		1.308																		
STD OXH82	Standard		1.311																		
STD OXH82	Standard		1.309																		
STD OXH82	Standard		1.343																		
STD OXH82	Standard		1.300																		
STD OXH82	Standard		1.244																		
STD OXK79	Standard		3.634																		
STD OXK79	Standard		3.760																		
STD OXK79	Standard		3.551																		
STD OXK79	Standard		3.795																		
STD OXK79	Standard		3.778																		
STD OXK79	Standard		3.654																		
STD OXH82 Expected			1.278																		

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Report Date: August 24, 2011

QUALITY CONTROL REPORT WHI11000759.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
1065667	Drill Core	0.071	5	2	1.09	259	0.230	1	2.24	0.100	1.15	0.1	<0.01	11.2	0.3	0.54	8	<0.5	<0.2		
DUP 1065667	QC	0.071	5	1	1.05	180	0.218	<1	2.12	0.076	1.13	0.1	<0.01	10.4	0.3	0.53	8	<0.5	<0.2		
1065702	Drill Core	0.081	5	34	1.31	47	0.001	3	0.81	0.003	0.24	0.1	0.20	13.0	0.5	1.68	2	0.6	<0.2		
DUP 1065702	QC	0.083	5	32	1.28	33	0.001	3	0.75	0.003	0.22	<0.1	0.20	12.0	0.5	1.71	2	0.6	0.2		
Reference Materials																					
STD AGPROOF	Standard																			95	<0.9
STD AGPROOF	Standard																			96	<0.9
STD CDN-ME-3	Standard																			260	9.5
STD CDN-ME-3	Standard																			255	9.6
STD CDN-ME-3	Standard																			264	10.0
STD DS8	Standard	0.076	15	118	0.61	286	0.121	2	0.98	0.099	0.42	2.9	0.19	2.2	5.3	0.15	5	4.2	4.8		
STD DS8	Standard	0.083	16	127	0.64	290	0.124	3	1.00	0.098	0.43	3.1	0.22	2.2	5.5	0.16	5	5.6	5.4		
STD DS8	Standard	0.073	14	113	0.57	266	0.112	2	0.88	0.084	0.38	2.8	0.18	2.2	4.9	0.14	4	5.1	5.0		
STD DS8	Standard	0.078	15	113	0.59	276	0.112	<1	0.93	0.097	0.41	2.8	0.19	2.2	5.3	0.15	5	5.6	5.3		
STD DS8	Standard	0.076	13	117	0.60	265	0.109	3	0.88	0.082	0.41	3.1	0.20	2.1	5.3	0.16	5	5.1	4.6		
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 OXH82 Expected																					

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		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 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 CDN-ME-3 Expected																					
STD AGPROOF Expected																					
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
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BLK	Blank																				
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			<0.1	<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																					

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		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
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 CDN-ME-3 Expected																				276	9.77
STD AGPROOF Expected																				94	0
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
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BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																			<50	<0.9
BLK	Blank																			<50	<0.9
BLK	Blank																			<50	<0.9
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	<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	<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																			<50	<0.9
BLK	Blank																			<50	<0.9
Prep Wash																					

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		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
G1	Prep Blank		0.012	<0.1	2.0	3.6	48	<0.1	3.7	4.3	553	1.91	<0.5	2.6	5.5	66	<0.1	<0.1	<0.1	31	0.49
G1	Prep Blank		0.010	0.2	2.2	3.2	43	<0.1	3.3	3.8	531	1.84	<0.5	<0.5	5.6	71	<0.1	<0.1	<0.1	29	0.50

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		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
G1	Prep Blank	0.079	9	7	0.55	212	0.121	<1	1.20	0.162	0.48	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.072	9	7	0.52	209	0.118	3	1.13	0.154	0.47	<0.1	<0.01	2.4	0.3	<0.05	5	<0.5	<0.2		

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PO Box 11604
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Submitted By: Gary Schellenberg
Receiving Lab: Canada-Whitehorse
Received: July 27, 2011
Report Date: August 23, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI11000760.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-015
P.O. Number
Number of Samples: 136

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	129	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	136	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	136	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
7TD	1	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN
G6Gr	4	Lead collection fire assay 30G fusion - Grav finish	30	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
RAYMOND CHAN
CHIEF ASSAYER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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

Project: Charlotte Project
Report Date: August 23, 2011

CERTIFICATE OF ANALYSIS WHI11000760.1

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
1065725	Rock Pulp	0.14	0.415	11.0	131.7	8.0	54	0.2	27.6	39.2	532	3.29	1478	359.3	3.2	79	0.3	2.2	4.7	83	1.47
1065726	Drill Core	2.91	<0.005	3.1	46.5	5.5	131	0.1	4.5	3.8	148	2.44	61.0	4.0	1.4	26	2.1	2.8	1.0	60	0.24
1065727	Drill Core	1.74	<0.005	1.3	15.0	18.4	290	0.3	4.4	2.6	156	3.38	434.9	1.1	2.6	61	2.0	21.1	1.3	60	0.17
1065728	Drill Core	3.74	0.062	0.8	23.1	19.6	172	0.6	4.2	3.0	95	1.95	306.5	49.6	3.2	25	1.7	16.9	0.2	9	0.11
1065729	Drill Core	1.95	<0.005	<0.1	8.4	1.7	35	<0.1	1.4	1.4	170	1.00	9.5	<0.5	6.6	3	0.2	0.8	<0.1	5	0.05
1065730	Drill Core	4.03	<0.005	0.1	7.7	7.1	56	<0.1	3.2	3.0	254	1.39	5.7	2.1	6.7	10	0.2	0.4	<0.1	12	0.09
1065731	Drill Core	2.80	<0.005	0.1	2.2	3.0	29	<0.1	2.1	2.3	179	0.96	2.9	<0.5	6.7	14	0.1	0.3	<0.1	7	0.09
1065732	Drill Core	2.91	<0.005	0.2	5.8	3.9	36	<0.1	2.3	2.3	172	1.06	3.3	<0.5	7.1	3	<0.1	0.3	<0.1	7	0.05
1065733	Drill Core	3.19	<0.005	0.2	4.4	1.7	37	<0.1	2.2	1.9	163	0.72	20.0	0.7	6.0	3	<0.1	0.4	<0.1	5	0.04
1065734	Drill Core	4.15	<0.005	0.4	3.6	2.3	40	<0.1	1.8	2.3	162	1.11	5.5	<0.5	7.0	3	<0.1	0.4	<0.1	5	0.05
1065735	Drill Core	2.31	<0.005	0.1	3.8	3.0	45	<0.1	1.9	2.4	175	1.07	11.2	<0.5	7.3	5	<0.1	0.4	<0.1	6	0.07
1065736	Drill Core	2.47	<0.005	0.1	5.7	2.0	83	<0.1	2.2	10.2	678	3.56	10.9	<0.5	3.9	53	<0.1	1.1	0.3	89	0.74
1065737	Drill Core	2.10	<0.005	<0.1	5.4	2.0	78	<0.1	3.8	4.4	282	1.74	17.6	1.2	6.6	8	<0.1	0.6	0.1	30	0.15
1065738	Drill Core	2.45	<0.005	0.2	3.4	1.4	73	<0.1	2.3	2.5	203	1.11	34.1	<0.5	7.4	4	0.2	0.9	0.1	7	0.06
1065739	Drill Core	4.06	<0.005	0.1	2.8	2.6	35	<0.1	1.1	1.6	130	0.93	2.1	<0.5	7.3	3	<0.1	0.3	<0.1	5	0.04
1065740	Drill Core	3.99	<0.005	2.8	3.4	2.2	32	<0.1	2.1	1.9	155	1.06	1.5	3.5	6.9	4	0.1	0.3	0.1	7	0.03
1065741	Drill Core	3.43	<0.005	0.4	3.6	1.0	29	<0.1	1.5	1.9	107	0.99	1.0	<0.5	6.8	4	<0.1	0.3	<0.1	8	0.03
1065742	Drill Core	2.63	<0.005	38.7	6.0	7.5	17	<0.1	0.9	1.6	45	1.41	8.3	1.5	5.1	8	0.2	0.8	0.6	7	0.02
1065743	Drill Core	3.21	<0.005	0.3	10.5	2.8	81	<0.1	14.8	13.9	438	3.56	6.9	1.3	2.8	24	0.2	0.6	0.3	103	0.35
1065744	Drill Core	3.95	<0.005	0.4	12.0	2.2	43	<0.1	3.0	2.0	141	1.22	23.0	1.6	6.9	6	0.2	1.0	<0.1	12	0.08
1065745	Rock Pulp	0.14	0.421	10.7	128.1	7.3	51	0.2	27.0	38.6	527	3.23	1416	349.6	3.1	71	0.3	2.0	4.3	80	1.49
1065746	Drill Core	3.58	0.010	0.2	60.2	2.7	103	<0.1	41.3	20.0	790	3.67	15.1	6.9	0.3	22	0.5	1.0	0.7	114	1.39
1065747	Drill Core	5.66	0.011	0.3	43.1	1.9	55	<0.1	34.0	13.9	479	2.90	6.6	2.0	1.7	9	0.3	0.7	0.4	86	1.02
1065748	Drill Core	6.53	0.009	0.4	61.5	3.4	52	<0.1	14.6	14.9	459	3.71	8.9	3.5	0.8	9	0.4	0.8	0.6	112	1.12
1065749	Drill Core	4.56	0.005	0.2	50.1	1.7	45	0.1	22.1	16.6	520	2.78	4.3	4.8	0.2	16	0.1	0.3	0.3	104	1.69
1065750	Drill Core	4.57	0.009	0.2	79.1	1.2	61	0.2	25.3	17.0	462	2.79	3.6	7.1	0.4	14	0.1	0.5	0.1	102	1.30
1065751	Drill Core	3.70	0.007	0.5	116.3	3.7	81	0.1	40.8	21.6	614	3.88	14.5	5.0	0.6	11	0.2	1.3	1.1	142	0.77
1065752	Drill Core	3.14	<0.005	0.3	33.9	2.1	32	<0.1	21.4	16.0	433	2.62	5.9	1.7	0.3	25	<0.1	0.5	1.0	91	2.14
1065753	Drill Core	3.50	<0.005	0.4	31.7	1.8	41	<0.1	21.2	13.9	488	2.67	5.2	1.1	0.4	18	<0.1	0.2	0.3	101	1.61
1065754	Drill Core	1.45	0.028	0.1	452.7	9.1	47	0.3	191.0	66.0	567	10.13	19.8	21.2	0.3	13	0.1	0.7	1.6	114	1.23

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 23, 2011

CERTIFICATE OF ANALYSIS WHI11000760.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Pb
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	0.02
1065725	Rock Pulp	0.058	7	51	0.83	142	0.129	3	1.84	0.197	0.30	0.4	<0.01	2.8	<0.1	0.14	5	2.5	0.7		
1065726	Drill Core	0.042	3	9	0.41	64	0.105	1	0.88	0.102	0.08	<0.1	<0.01	5.8	0.2	0.27	3	1.2	0.8		
1065727	Drill Core	0.053	7	8	0.46	122	0.060	<1	0.95	0.099	0.11	<0.1	0.01	6.8	0.4	0.25	5	1.4	1.9		
1065728	Drill Core	0.035	11	2	0.03	164	<0.001	3	0.35	0.006	0.26	<0.1	0.09	3.9	0.7	0.26	<1	<0.5	<0.2		
1065729	Drill Core	0.017	13	7	0.23	48	0.014	<1	0.46	0.008	0.28	0.4	0.03	0.8	0.2	<0.05	2	<0.5	<0.2		
1065730	Drill Core	0.017	12	6	0.85	189	0.052	1	1.21	0.023	0.73	<0.1	<0.01	1.5	0.2	<0.05	4	<0.5	<0.2		
1065731	Drill Core	0.014	12	4	0.58	390	0.034	1	0.86	0.032	0.42	<0.1	<0.01	1.0	<0.1	<0.05	3	<0.5	<0.2		
1065732	Drill Core	0.011	15	9	0.81	58	0.044	<1	1.05	0.032	0.61	<0.1	<0.01	0.7	0.1	<0.05	3	<0.5	<0.2		
1065733	Drill Core	0.010	15	5	0.51	34	0.016	<1	0.66	0.031	0.24	<0.1	<0.01	0.6	<0.1	<0.05	2	<0.5	<0.2		
1065734	Drill Core	0.014	12	7	0.91	55	0.040	<1	1.10	0.027	0.67	<0.1	<0.01	0.6	0.1	<0.05	4	<0.5	<0.2		
1065735	Drill Core	0.013	13	3	0.88	57	0.036	<1	1.08	0.026	0.58	<0.1	<0.01	0.6	0.1	<0.05	3	<0.5	<0.2		
1065736	Drill Core	0.114	9	5	1.40	426	0.223	<1	2.57	0.152	1.29	<0.1	<0.01	5.1	0.2	0.27	9	<0.5	<0.2		
1065737	Drill Core	0.035	13	7	0.80	142	0.058	<1	1.15	0.048	0.48	<0.1	<0.01	2.7	<0.1	<0.05	5	<0.5	<0.2		
1065738	Drill Core	0.008	13	6	0.53	51	0.022	<1	0.78	0.037	0.26	<0.1	<0.01	1.0	<0.1	<0.05	3	<0.5	<0.2		
1065739	Drill Core	0.008	15	2	0.42	43	0.019	1	0.69	0.052	0.24	<0.1	<0.01	0.8	<0.1	<0.05	3	<0.5	<0.2		
1065740	Drill Core	0.006	10	9	0.46	59	0.035	<1	0.74	0.059	0.35	<0.1	0.01	1.1	<0.1	<0.05	4	<0.5	<0.2		
1065741	Drill Core	0.005	12	3	0.30	50	0.021	<1	0.58	0.052	0.18	<0.1	<0.01	0.9	<0.1	<0.05	3	<0.5	<0.2		
1065742	Drill Core	0.010	9	11	0.14	111	0.011	<1	0.34	0.025	0.28	0.1	<0.01	0.6	<0.1	0.33	2	0.8	<0.2		
1065743	Drill Core	0.055	5	6	1.61	497	0.182	<1	2.48	0.055	1.13	0.3	<0.01	7.8	0.2	0.17	8	<0.5	<0.2		
1065744	Drill Core	0.014	7	9	0.39	72	0.041	<1	0.74	0.055	0.26	<0.1	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2		
1065745	Rock Pulp	0.056	7	50	0.81	139	0.128	3	1.79	0.196	0.27	0.5	<0.01	2.9	<0.1	0.13	5	2.3	0.7		
1065746	Drill Core	0.119	5	77	1.71	121	0.186	1	2.35	0.158	0.40	1.0	<0.01	9.1	<0.1	0.14	7	0.7	<0.2		
1065747	Drill Core	0.104	6	94	1.26	206	0.202	<1	1.49	0.138	0.45	0.1	<0.01	5.6	<0.1	0.21	5	<0.5	<0.2		
1065748	Drill Core	0.142	4	15	1.10	121	0.192	2	1.62	0.139	0.33	0.3	<0.01	7.6	<0.1	0.85	6	0.8	<0.2		
1065749	Drill Core	0.086	1	32	1.40	89	0.211	2	1.80	0.201	0.37	0.1	<0.01	8.0	<0.1	0.27	5	<0.5	<0.2		
1065750	Drill Core	0.094	2	39	1.57	238	0.185	<1	2.09	0.166	0.57	<0.1	<0.01	7.4	<0.1	0.06	5	<0.5	<0.2		
1065751	Drill Core	0.078	2	32	1.63	20	0.140	2	2.13	0.082	0.07	0.3	<0.01	9.3	<0.1	0.15	7	0.9	0.5		
1065752	Drill Core	0.085	2	19	1.16	26	0.195	2	2.14	0.257	0.10	0.1	<0.01	7.5	<0.1	0.17	5	<0.5	0.6		
1065753	Drill Core	0.089	2	18	1.28	41	0.169	1	1.83	0.208	0.11	0.2	<0.01	7.8	<0.1	0.22	5	<0.5	<0.2		
1065754	Drill Core	0.067	1	43	1.50	24	0.115	2	2.35	0.064	0.05	0.4	0.02	9.0	0.2	5.51	8	4.5	0.6		

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Project: Charlotte Project
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CERTIFICATE OF ANALYSIS WHI11000760.1

Method		7TD	G6Gr	G6Gr
Analyte		Zn	Ag	Au
Unit		%	gm/t	gm/t
MDL		0.01	50	0.9
1065725	Rock Pulp			
1065726	Drill Core			
1065727	Drill Core			
1065728	Drill Core			
1065729	Drill Core			
1065730	Drill Core			
1065731	Drill Core			
1065732	Drill Core			
1065733	Drill Core			
1065734	Drill Core			
1065735	Drill Core			
1065736	Drill Core			
1065737	Drill Core			
1065738	Drill Core			
1065739	Drill Core			
1065740	Drill Core			
1065741	Drill Core			
1065742	Drill Core			
1065743	Drill Core			
1065744	Drill Core			
1065745	Rock Pulp			
1065746	Drill Core			
1065747	Drill Core			
1065748	Drill Core			
1065749	Drill Core			
1065750	Drill Core			
1065751	Drill Core			
1065752	Drill Core			
1065753	Drill Core			
1065754	Drill Core			

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	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
1065755	Rock	1.02	<0.005	<0.1	1.1	1.0	11	<0.1	1.0	0.9	212	0.41	2.1	<0.5	<0.1	40	<0.1	<0.1	<0.1	<2	19.69
1065756	Drill Core	3.00	<0.005	0.4	42.6	2.9	27	<0.1	19.0	13.8	369	2.57	<0.5	1.9	0.6	14	0.4	0.3	0.3	98	1.59
1065757	Drill Core	4.53	<0.005	0.3	65.5	3.6	32	<0.1	9.8	14.8	504	3.02	3.4	2.4	1.1	18	<0.1	0.4	1.3	126	2.26
1065758	Drill Core	2.21	0.008	0.2	92.1	4.3	50	0.1	16.5	16.8	366	3.25	23.4	11.4	1.1	11	0.1	0.7	2.2	96	0.90
1065759	Drill Core	5.40	0.007	0.3	61.5	1.7	29	0.1	11.2	11.3	315	2.26	1.6	6.6	0.5	9	0.1	0.3	0.5	87	1.46
1065760	Drill Core	4.09	0.005	0.3	54.5	1.6	27	0.1	25.5	14.3	405	2.24	3.2	4.0	0.2	15	<0.1	0.3	0.3	81	2.01
1065761	Drill Core	3.94	<0.005	0.2	23.1	1.8	35	<0.1	43.3	15.1	418	2.06	4.2	3.4	0.1	10	0.1	0.3	0.2	72	1.49
1065762	Drill Core	3.07	<0.005	0.2	35.4	2.9	64	<0.1	30.8	16.3	599	2.82	16.5	2.5	0.4	11	0.1	1.3	0.3	81	1.43
1065763	Drill Core	3.82	<0.005	1.1	71.6	2.4	38	<0.1	26.1	18.3	389	2.72	6.4	3.6	0.3	11	0.2	0.6	1.7	71	1.37
1065764	Drill Core	4.87	<0.005	0.7	49.7	3.3	82	<0.1	28.5	23.3	606	3.07	57.9	7.9	0.3	13	0.4	0.9	1.8	90	1.16
1065765	Rock Pulp	0.14	>10	8.5	115.4	16.4	58	>100	15.8	11.6	595	3.47	250.0	13318	2.8	65	0.4	8.8	17.7	69	1.60
1065766	Drill Core	3.47	0.010	0.3	22.2	1.4	72	0.4	16.8	10.8	436	1.81	85.3	19.4	0.2	8	0.2	1.0	0.6	55	1.05
1065767	Drill Core	3.65	<0.005	0.2	51.1	2.6	64	0.1	24.7	16.6	513	2.69	30.1	6.1	0.3	13	<0.1	0.7	1.0	75	1.53
1065768	Drill Core	4.59	0.007	0.3	52.9	3.0	68	0.1	21.6	16.0	571	2.40	26.8	5.3	0.2	15	0.1	0.8	0.7	73	1.24
1065769	Drill Core	3.76	<0.005	0.3	34.4	2.6	67	<0.1	18.5	13.9	540	2.57	40.7	3.8	1.0	10	0.1	0.6	1.1	92	1.08
1065770	Drill Core	3.88	0.009	0.2	29.3	2.1	98	<0.1	29.6	17.9	579	4.34	120.5	6.1	0.3	7	0.1	1.1	1.7	136	0.73
1065771	Drill Core	4.05	<0.005	0.2	26.3	2.9	79	0.1	17.1	14.6	414	3.06	97.8	3.8	1.0	13	0.4	1.3	0.8	99	1.11
1065772	Drill Core	2.55	0.006	0.6	12.2	102.0	219	0.1	22.8	13.0	386	4.78	910.3	6.2	0.7	28	1.7	4.9	1.8	125	0.76
1065773	Drill Core	3.97	<0.005	0.2	37.1	2.9	178	0.1	21.9	15.2	651	3.41	175.6	4.8	1.9	13	1.0	2.9	0.5	110	1.08
1065774	Drill Core	1.81	<0.005	0.3	32.4	4.1	288	<0.1	34.8	12.5	444	4.01	915.4	3.2	1.3	10	2.9	14.7	0.4	113	0.87
1065775	Drill Core	0.95	<0.005	0.4	32.7	4.9	313	<0.1	31.9	12.6	425	4.10	1246	4.4	1.8	10	3.7	20.6	0.5	109	0.83
1065776	Drill Core	1.85	<0.005	0.2	9.3	2.5	82	<0.1	5.7	3.6	211	1.72	263.2	3.4	7.6	6	0.7	4.0	0.1	18	0.17
1065777	Drill Core	2.54	<0.005	0.3	5.4	2.0	87	<0.1	4.6	2.8	183	1.48	292.6	2.0	7.3	6	0.8	4.2	0.2	16	0.13
1065778	Drill Core	2.25	<0.005	0.2	11.6	6.2	35	<0.1	1.4	2.0	83	0.77	118.4	1.7	0.5	8	0.7	2.5	0.2	11	0.10
1065779	Drill Core	3.38	<0.005	0.2	4.8	2.8	73	<0.1	4.3	2.7	252	1.45	97.0	1.7	7.9	7	0.5	1.8	<0.1	17	0.17
1065780	Drill Core	3.58	0.006	0.6	37.1	10.3	217	<0.1	19.3	15.7	753	3.39	195.0	1.2	4.9	9	1.2	4.1	0.4	72	0.42
1065781	Drill Core	2.74	0.007	0.7	31.3	4.3	96	<0.1	8.1	5.9	176	3.80	394.9	3.1	4.5	28	0.6	4.9	1.2	75	0.11
1065782	Drill Core	4.38	<0.005	2.4	50.6	4.1	161	<0.1	15.3	10.9	352	3.79	339.5	2.5	3.4	6	2.7	6.7	0.3	95	0.32
1065783	Drill Core	2.75	<0.005	3.7	42.2	3.3	172	<0.1	23.1	13.0	368	3.48	322.8	1.6	4.7	10	3.4	10.4	0.3	94	0.27
1065784	Drill Core	2.16	<0.005	1.2	51.9	5.7	267	<0.1	16.7	13.3	160	2.68	591.7	3.1	9.8	8	8.8	17.6	0.2	46	0.21

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Project: Charlotte Project
Report Date: August 23, 2011

CERTIFICATE OF ANALYSIS WHI11000760.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Pb
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	0.02
1065755	Rock	0.015	<1	<1	11.81	25	0.002	<1	0.03	0.003	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1065756	Drill Core	0.096	2	17	0.90	15	0.159	1	1.39	0.179	0.08	0.2	<0.01	7.2	<0.1	0.37	4	0.5	<0.2		
1065757	Drill Core	0.147	3	5	1.12	22	0.160	2	1.52	0.123	0.07	0.4	<0.01	6.9	<0.1	0.80	6	0.8	0.3		
1065758	Drill Core	0.136	3	2	0.81	22	0.111	2	1.25	0.111	0.07	0.3	<0.01	5.8	<0.1	0.94	5	0.8	0.9		
1065759	Drill Core	0.150	2	15	0.89	28	0.104	2	1.23	0.179	0.09	0.1	<0.01	6.5	<0.1	0.26	4	<0.5	<0.2		
1065760	Drill Core	0.085	1	51	1.27	27	0.151	2	1.65	0.275	0.11	<0.1	<0.01	8.9	<0.1	0.13	4	<0.5	<0.2		
1065761	Drill Core	0.082	<1	110	1.54	213	0.170	2	1.51	0.151	0.42	<0.1	<0.01	6.8	<0.1	0.05	3	<0.5	<0.2		
1065762	Drill Core	0.143	2	77	1.25	125	0.172	2	1.64	0.113	0.31	0.2	<0.01	6.8	<0.1	0.25	5	<0.5	<0.2		
1065763	Drill Core	0.103	2	37	1.06	51	0.158	2	1.28	0.113	0.14	0.2	<0.01	6.4	<0.1	0.54	5	0.9	0.8		
1065764	Drill Core	0.094	2	43	1.30	16	0.136	2	1.68	0.107	0.08	0.2	<0.01	8.3	<0.1	0.49	6	0.8	1.0		
1065765	Rock Pulp	0.054	7	25	0.75	118	0.117	4	1.65	0.165	0.22	4.6	0.51	2.6	<0.1	0.19	5	6.5	2.8		
1065766	Drill Core	0.070	1	24	0.86	40	0.103	1	1.06	0.117	0.12	<0.1	<0.01	5.4	<0.1	0.06	3	<0.5	<0.2		
1065767	Drill Core	0.091	1	34	1.08	34	0.152	1	1.44	0.174	0.13	0.1	<0.01	7.7	<0.1	0.33	4	<0.5	0.4		
1065768	Drill Core	0.099	<1	23	0.98	28	0.121	2	1.34	0.124	0.11	0.1	<0.01	5.9	<0.1	0.26	4	<0.5	0.3		
1065769	Drill Core	0.085	3	32	1.16	25	0.142	1	1.41	0.131	0.10	0.1	<0.01	6.5	<0.1	0.29	5	<0.5	0.6		
1065770	Drill Core	0.114	1	69	1.82	90	0.153	1	1.94	0.058	0.34	0.1	<0.01	7.5	<0.1	1.02	9	0.8	1.0		
1065771	Drill Core	0.133	4	30	1.16	33	0.146	2	1.41	0.121	0.15	0.2	<0.01	7.3	<0.1	0.84	7	1.0	0.2		
1065772	Drill Core	0.157	7	75	1.28	44	0.090	1	1.57	0.083	0.16	0.2	<0.01	9.6	<0.1	1.06	9	1.3	1.0		
1065773	Drill Core	0.186	6	55	1.42	170	0.162	<1	1.82	0.122	0.52	0.1	<0.01	8.8	0.2	0.32	7	0.5	<0.2		
1065774	Drill Core	0.185	7	122	1.89	211	0.117	<1	2.32	0.079	0.62	0.1	<0.01	10.5	0.2	0.08	9	<0.5	<0.2		
1065775	Drill Core	0.148	7	128	1.81	165	0.125	<1	2.19	0.077	0.46	0.2	<0.01	10.6	0.2	0.11	8	0.7	0.2		
1065776	Drill Core	0.025	5	10	0.81	69	0.060	<1	0.95	0.068	0.22	<0.1	<0.01	2.2	<0.1	0.13	5	<0.5	<0.2		
1065777	Drill Core	0.022	6	6	0.70	44	0.021	<1	0.94	0.061	0.11	<0.1	<0.01	1.4	<0.1	0.13	5	<0.5	<0.2		
1065778	Drill Core	0.022	3	7	0.19	30	0.007	<1	0.41	0.060	0.06	<0.1	<0.01	0.6	<0.1	0.17	3	<0.5	<0.2		
1065779	Drill Core	0.020	8	7	0.79	85	0.091	2	1.00	0.072	0.32	0.1	<0.01	2.4	<0.1	0.07	4	<0.5	<0.2		
1065780	Drill Core	0.054	13	26	0.99	129	0.073	1	1.55	0.036	0.32	<0.1	<0.01	7.6	0.3	0.37	7	1.0	<0.2		
1065781	Drill Core	0.059	18	22	0.96	106	0.012	<1	1.39	0.100	0.24	<0.1	<0.01	6.1	0.2	0.98	9	1.7	0.5		
1065782	Drill Core	0.132	10	28	1.31	174	0.072	<1	1.93	0.037	0.42	<0.1	<0.01	8.5	0.2	0.59	9	1.1	<0.2		
1065783	Drill Core	0.089	10	26	1.07	232	0.109	<1	1.91	0.043	0.63	<0.1	<0.01	8.3	0.6	0.55	8	0.7	<0.2		
1065784	Drill Core	0.054	10	14	0.53	106	0.032	<1	1.47	0.018	0.25	<0.1	<0.01	4.6	1.4	0.25	6	0.9	<0.2		

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Method		7TD	G6Gr	G6Gr
Analyte		Zn	Ag	Au
Unit		%	gm/t	gm/t
MDL		0.01	50	0.9
1065755	Rock			
1065756	Drill Core			
1065757	Drill Core			
1065758	Drill Core			
1065759	Drill Core			
1065760	Drill Core			
1065761	Drill Core			
1065762	Drill Core			
1065763	Drill Core			
1065764	Drill Core			
1065765	Rock Pulp		166	11.9
1065766	Drill Core			
1065767	Drill Core			
1065768	Drill Core			
1065769	Drill Core			
1065770	Drill Core			
1065771	Drill Core			
1065772	Drill Core			
1065773	Drill Core			
1065774	Drill Core			
1065775	Drill Core			
1065776	Drill Core			
1065777	Drill Core			
1065778	Drill Core			
1065779	Drill Core			
1065780	Drill Core			
1065781	Drill Core			
1065782	Drill Core			
1065783	Drill Core			
1065784	Drill Core			

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CERTIFICATE OF ANALYSIS WHI11000760.1

	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
1065785	Rock Pulp	0.14	0.414	10.5	125.7	7.7	51	0.2	27.9	37.3	528	3.21	1426	339.7	3.0	70	0.3	2.0	4.5	78	1.44
1065786	Drill Core	2.43	<0.005	4.8	43.6	58.2	278	0.2	12.5	4.6	74	2.10	885.8	5.5	7.5	11	2.9	39.7	0.2	26	0.12
1065787	Drill Core	2.70	<0.005	0.5	44.8	37.2	435	0.1	9.4	9.2	1354	1.17	364.7	1.1	1.5	5	9.0	24.2	0.2	<2	0.24
1065788	Drill Core	2.39	0.051	1.7	43.1	13.4	278	0.8	7.8	3.4	211	2.72	1079	36.1	4.8	32	2.4	65.6	0.4	9	0.09
1065789	Drill Core	3.68	0.022	1.2	6.3	119.1	66	0.9	0.9	1.0	119	1.04	258.0	16.8	3.5	28	0.5	43.2	0.8	2	0.06
1065790	Drill Core	4.05	0.052	0.7	5.3	94.8	44	0.9	0.4	1.0	88	1.42	432.1	53.2	4.9	39	1.1	29.4	0.6	3	0.06
1065791	Drill Core	3.65	0.048	1.2	36.4	76.4	39	2.9	1.2	0.5	70	1.35	441.0	59.3	3.6	44	1.8	29.0	0.7	4	0.07
1065792	Drill Core	1.82	0.088	0.5	211.1	59.9	1664	1.5	28.8	24.6	934	5.42	2326	96.0	1.7	48	23.7	49.7	0.3	54	0.25
1065793	Drill Core	3.26	0.137	0.4	42.1	148.2	675	1.8	15.4	23.6	3134	3.97	731.2	139.9	1.0	46	7.0	39.6	0.3	77	1.10
1065794	Drill Core	4.81	0.368	0.3	18.4	3.3	62	<0.1	13.9	16.1	859	4.98	1391	189.8	1.6	53	0.1	29.8	0.6	128	2.00
1065795	Rock	0.98	<0.005	1.0	1.6	1.4	14	<0.1	3.2	1.3	233	0.44	3.7	<0.5	<0.1	41	0.1	0.1	<0.1	3	21.23
1065796	Drill Core	3.95	0.034	1.2	62.8	2.9	40	0.1	10.9	17.2	376	3.90	655.5	46.0	1.4	34	<0.1	14.3	0.3	118	0.74
1065797	Drill Core	4.27	0.008	0.2	43.1	2.3	60	<0.1	7.1	12.9	563	3.91	31.7	4.2	1.7	29	0.1	8.6	0.1	99	0.86
1065798	Drill Core	4.92	0.019	1.1	41.6	2.6	39	<0.1	12.7	18.9	649	3.80	32.0	16.8	0.9	45	<0.1	11.2	0.3	117	2.09
1065799	Drill Core	2.65	0.006	0.3	18.4	4.2	40	<0.1	8.8	20.4	693	4.51	9.6	4.1	2.8	79	<0.1	5.9	1.6	112	3.59
1065800	Drill Core	3.78	0.006	0.4	46.9	11.2	49	0.1	12.4	20.5	924	4.12	23.0	4.5	1.2	84	<0.1	16.5	0.8	91	3.60
1065801	Drill Core	5.01	0.007	0.3	86.5	931.6	651	3.3	11.9	18.3	1890	4.29	13.9	6.1	1.4	85	8.7	27.6	0.4	130	3.74
1065802	Drill Core	2.35	<0.005	0.6	63.2	43.2	105	0.1	17.6	21.4	792	4.87	30.7	5.0	1.3	71	0.3	23.9	0.3	93	2.32
1065803	Drill Core	5.56	<0.005	0.2	38.9	21.5	67	0.2	10.3	14.5	1112	3.45	9.1	9.1	1.4	116	0.3	21.0	0.3	93	4.91
1065804	Drill Core	4.43	0.011	1.0	103.8	15.7	75	0.2	8.0	18.7	1323	4.88	21.9	14.3	1.5	109	<0.1	10.9	0.5	83	4.65
1065805	Rock Pulp	0.14	>10	8.0	114.9	17.0	57	>100	15.1	10.7	593	3.47	238.4	12325	3.0	82	0.3	10.3	18.9	70	1.69
1065806	Drill Core	5.20	<0.005	0.4	44.3	2.3	47	0.1	6.7	14.9	481	4.39	8.7	6.6	0.7	27	<0.1	2.5	0.4	103	1.04
1065807	Drill Core	2.67	0.012	0.2	41.8	4.5	54	0.2	1.6	15.6	1196	4.77	21.1	5.2	0.5	51	<0.1	2.8	0.3	93	3.24
1065808	Drill Core	3.25	0.011	0.2	43.3	65.0	127	0.4	2.3	17.1	1511	4.91	33.0	14.6	0.8	52	0.7	2.9	0.3	114	3.45
1065809	Drill Core	4.08	<0.005	0.1	43.3	2.5	61	<0.1	4.2	17.0	885	5.15	7.5	4.1	0.9	48	<0.1	3.4	0.2	119	2.36
1065810	Drill Core	4.60	<0.005	0.2	29.1	5.0	98	0.1	4.7	18.9	798	6.33	6.6	4.0	0.8	39	<0.1	6.0	0.5	125	1.82
1065811	Drill Core	7.37	0.120	0.7	66.1	55.7	501	5.3	4.4	19.9	2231	6.35	275.8	111.5	0.8	28	0.5	27.4	1.3	26	2.04
1065812	Drill Core	4.42	<0.005	1.4	40.4	6.3	273	0.2	4.3	18.0	635	6.71	29.7	7.3	1.1	49	0.2	11.3	1.0	87	1.60
1065813	Drill Core	2.76	<0.005	0.3	41.7	5.5	250	0.1	4.0	16.1	606	6.22	43.2	8.9	0.9	50	<0.1	9.5	0.7	85	1.37
1065814	Drill Core	5.21	<0.005	0.4	57.8	2.6	33	0.1	2.0	15.8	364	3.68	4.0	3.4	0.3	32	<0.1	5.3	0.9	56	1.25

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Pb
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	0.02
1065785	Rock Pulp	0.059	7	50	0.79	132	0.129	3	1.73	0.182	0.27	0.4	<0.01	2.6	<0.1	0.13	5	2.0	0.8		
1065786	Drill Core	0.040	21	7	0.11	82	0.006	1	0.99	0.005	0.21	<0.1	0.02	3.7	0.2	<0.05	2	0.6	<0.2		
1065787	Drill Core	0.021	3	4	0.08	39	<0.001	1	0.45	0.002	0.19	<0.1	0.02	0.7	0.3	0.36	<1	0.8	<0.2		
1065788	Drill Core	0.037	11	3	0.03	197	<0.001	2	0.42	0.004	0.29	0.2	0.03	2.9	0.4	0.28	1	0.6	<0.2		
1065789	Drill Core	0.011	10	3	0.02	114	<0.001	3	0.18	0.003	0.22	0.3	0.04	0.5	0.6	0.26	<1	<0.5	0.3		
1065790	Drill Core	0.013	7	2	0.02	148	<0.001	3	0.20	0.003	0.34	<0.1	0.03	0.6	0.9	0.38	1	0.5	0.2		
1065791	Drill Core	0.014	11	5	0.02	153	<0.001	5	0.29	0.004	0.33	0.2	0.05	1.5	1.3	0.34	1	0.6	<0.2		
1065792	Drill Core	0.075	4	6	0.07	36	<0.001	2	1.71	<0.001	0.25	0.2	0.20	14.5	1.4	0.51	2	0.7	<0.2		
1065793	Drill Core	0.045	4	5	0.46	37	<0.001	3	0.72	0.002	0.22	0.2	0.44	14.2	2.2	0.61	2	0.9	<0.2		
1065794	Drill Core	0.060	6	17	1.58	196	0.065	<1	2.57	0.017	0.77	<0.1	0.03	15.9	0.5	0.35	7	<0.5	0.4		
1065795	Rock	0.014	<1	4	10.52	56	0.003	<1	0.09	0.002	0.06	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1065796	Drill Core	0.058	5	7	1.06	130	0.106	<1	1.96	0.046	0.69	<0.1	0.02	10.3	0.3	0.64	7	0.8	<0.2		
1065797	Drill Core	0.054	6	9	1.56	332	0.178	<1	2.19	0.045	1.20	<0.1	0.01	12.4	0.2	0.21	8	<0.5	<0.2		
1065798	Drill Core	0.058	5	12	1.42	91	0.103	1	2.13	0.090	0.48	<0.1	0.02	9.1	0.1	0.99	7	0.8	<0.2		
1065799	Drill Core	0.063	11	5	1.79	33	0.028	<1	1.72	0.021	0.46	<0.1	0.02	12.5	0.3	3.17	6	1.5	0.5		
1065800	Drill Core	0.061	6	8	1.51	88	0.041	1	1.84	0.012	0.46	<0.1	0.08	11.9	0.5	2.26	5	0.8	0.4		
1065801	Drill Core	0.057	6	10	1.40	85	0.039	<1	1.27	0.002	0.38	0.2	0.13	14.8	0.2	0.96	4	<0.5	<0.2		
1065802	Drill Core	0.059	6	16	1.70	92	0.031	<1	3.10	0.004	0.59	<0.1	0.01	11.5	0.2	1.13	7	0.7	<0.2		
1065803	Drill Core	0.055	8	27	1.58	140	0.055	<1	1.07	0.002	0.40	0.1	0.02	14.2	0.1	1.14	4	0.6	<0.2		
1065804	Drill Core	0.059	7	5	2.09	91	0.048	<1	2.04	0.006	0.52	1.9	0.03	11.0	0.2	2.47	6	1.6	<0.2		
1065805	Rock Pulp	0.051	7	25	0.74	119	0.134	3	1.83	0.213	0.21	4.4	0.53	2.6	<0.1	0.18	5	5.3	2.9		
1065806	Drill Core	0.057	3	7	1.70	61	0.152	<1	2.28	0.109	0.95	0.1	<0.01	10.6	0.2	1.52	8	0.8	<0.2		
1065807	Drill Core	0.062	3	2	1.70	118	0.060	<1	3.07	0.023	0.57	<0.1	<0.01	9.6	0.2	1.23	9	<0.5	<0.2		
1065808	Drill Core	0.074	4	2	1.60	117	0.072	<1	2.71	0.025	0.49	<0.1	<0.01	11.6	0.1	1.19	9	<0.5	<0.2		
1065809	Drill Core	0.071	5	4	1.81	227	0.202	<1	3.06	0.039	1.27	<0.1	<0.01	11.3	0.2	0.59	9	<0.5	<0.2		
1065810	Drill Core	0.086	4	5	2.08	75	0.203	<1	3.36	0.014	1.42	<0.1	<0.01	14.3	0.3	2.48	10	0.5	<0.2		
1065811	Drill Core	0.061	3	2	0.71	28	0.002	1	0.61	0.002	0.28	0.3	0.04	6.1	0.5	6.03	2	1.6	0.3		
1065812	Drill Core	0.080	4	2	1.38	62	0.050	<1	3.21	0.012	0.52	<0.1	0.03	12.7	0.3	3.14	8	1.1	<0.2		
1065813	Drill Core	0.070	4	2	1.40	66	0.055	<1	3.10	0.018	0.52	<0.1	0.03	10.6	0.3	2.48	8	0.7	<0.2		
1065814	Drill Core	0.071	1	2	0.78	52	0.152	<1	1.79	0.070	0.19	0.2	<0.01	3.6	<0.1	1.68	5	0.7	<0.2		

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Project: Charlotte Project
Report Date: August 23, 2011

CERTIFICATE OF ANALYSIS WHI11000760.1

Method		7TD	G6Gr	G6Gr
Analyte		Zn	Ag	Au
Unit		%	gm/t	gm/t
MDL		0.01	50	0.9
1065785	Rock Pulp			
1065786	Drill Core			
1065787	Drill Core			
1065788	Drill Core			
1065789	Drill Core			
1065790	Drill Core			
1065791	Drill Core			
1065792	Drill Core			
1065793	Drill Core			
1065794	Drill Core			
1065795	Rock			
1065796	Drill Core			
1065797	Drill Core			
1065798	Drill Core			
1065799	Drill Core			
1065800	Drill Core			
1065801	Drill Core			
1065802	Drill Core			
1065803	Drill Core			
1065804	Drill Core			
1065805	Rock Pulp		161	11.6
1065806	Drill Core			
1065807	Drill Core			
1065808	Drill Core			
1065809	Drill Core			
1065810	Drill Core			
1065811	Drill Core			
1065812	Drill Core			
1065813	Drill Core			
1065814	Drill Core			

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Project: Charlotte Project
Report Date: August 23, 2011

CERTIFICATE OF ANALYSIS WHI11000760.1

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
1065815	Drill Core	3.23	<0.005	1.2	36.2	6.1	150	<0.1	2.0	15.2	851	4.37	5.3	1.8	0.6	45	0.2	9.1	0.4	75	1.75
1065816	Drill Core	3.07	0.005	0.3	38.5	4.3	229	0.1	2.0	14.9	713	5.05	5.7	4.0	1.2	44	<0.1	11.1	0.7	83	0.72
1065817	Drill Core	4.15	<0.005	0.8	48.9	1.8	60	<0.1	1.4	11.3	494	4.00	3.7	2.5	1.5	33	<0.1	10.7	0.4	67	0.89
1065818	Drill Core	4.82	<0.005	0.3	16.4	3.5	100	<0.1	13.5	11.7	596	4.09	4.0	0.5	1.5	33	0.2	10.7	0.4	59	1.70
1065819	Drill Core	4.26	<0.005	0.2	18.2	5.1	268	0.1	2.2	10.6	762	4.19	5.5	2.8	2.0	40	0.2	20.5	0.8	34	1.53
1065820	Drill Core	3.13	1.295	0.5	18.1	33.8	2393	2.2	1.9	13.1	1540	4.03	1804	1358	2.3	14	2.6	36.0	0.5	17	0.90
1065821	Drill Core	2.52	0.595	0.3	19.6	8.7	1857	1.9	1.9	12.8	1392	4.51	971.1	591.2	2.3	12	4.1	41.2	0.5	21	0.72
1065822	Drill Core	3.78	<0.005	0.1	13.3	14.3	1631	<0.1	1.7	10.6	988	3.29	19.1	2.9	2.9	10	8.4	32.6	0.6	17	0.54
1065823	Drill Core	2.68	0.131	0.2	73.6	429.0	1151	39.9	1.3	5.2	1148	2.29	489.3	133.4	2.5	15	10.4	122.5	0.3	6	1.05
1065824	Drill Core	2.40	0.266	0.2	20.4	324.6	1628	6.8	3.5	4.4	425	2.07	1659	284.8	2.6	9	24.3	71.1	0.4	4	0.33
1065825	Rock Pulp	0.14	0.415	9.6	127.4	7.6	48	0.2	27.4	35.8	510	3.09	1339	377.9	2.9	84	0.2	2.1	4.7	76	1.48
1065826	Drill Core	4.57	0.102	0.6	13.0	637.8	1123	6.0	3.8	3.8	910	3.15	205.0	114.4	3.1	7	17.8	60.9	0.9	<2	0.42
1065827	Drill Core	4.72	0.099	0.5	12.0	386.3	701	3.4	3.1	3.5	356	2.83	346.5	108.3	3.3	5	10.4	53.2	0.5	<2	0.21
1065828	Drill Core	4.75	0.286	0.4	22.1	638.1	724	17.2	2.1	4.1	37	3.19	904.3	277.0	3.0	6	21.7	71.3	0.6	<2	0.10
1065829	Drill Core	4.88	0.068	0.2	5.4	275.6	558	2.6	1.0	3.2	32	2.28	247.8	66.2	3.3	6	24.2	57.3	0.4	<2	0.15
1065830	Drill Core	4.26	>10	0.4	1317	>10000	>10000	>100	1.3	3.8	365	16.14	>10000	55379	0.8	5	536.7	>2000	8.4	2	0.02
1065831	Rock	1.01	0.022	<0.1	6.3	20.0	25	0.5	0.6	0.5	204	0.44	67.6	39.5	<0.1	32	0.2	1.9	<0.1	<2	16.15
1065832	Drill Core	4.89	0.095	2.1	26.9	221.0	421	2.4	1.6	2.7	96	2.35	142.8	93.7	3.2	4	10.2	33.9	2.5	<2	0.17
1065833	Drill Core	3.08	1.080	1.8	95.3	1054	1601	6.9	1.4	2.7	63	3.06	1956	1584	2.0	2	24.9	73.0	2.5	2	0.06
1065834	Drill Core	6.01	0.014	5.1	33.1	12.2	700	<0.1	3.3	24.9	1053	6.61	26.1	1.4	1.2	54	2.7	12.4	1.1	108	2.58
1065835	Drill Core	6.66	0.405	1.5	53.7	23.8	87	0.8	3.8	21.6	1339	5.24	2147	386.9	1.1	71	0.7	18.6	0.4	80	3.32
1065836	Drill Core	3.34	0.006	0.8	84.0	5.1	61	<0.1	7.0	22.0	742	6.41	9.6	<0.5	1.0	34	<0.1	11.0	0.4	106	1.26
1065837	Drill Core	3.76	0.011	1.1	95.7	12.4	72	0.3	9.2	17.3	1533	4.75	52.9	1.4	1.7	109	0.3	7.7	0.4	83	3.64
1065838	Drill Core	5.66	<0.005	1.1	126.3	4.1	126	<0.1	11.0	22.4	1245	5.73	11.7	4.2	1.0	50	0.5	3.0	0.3	155	1.63
1065839	Drill Core	6.65	<0.005	0.8	97.4	4.9	90	<0.1	10.1	19.6	1074	5.57	10.9	5.7	1.0	36	0.4	3.0	0.3	192	1.40
1065840	Drill Core	6.18	<0.005	0.9	69.2	2.9	58	<0.1	11.1	20.0	746	5.01	6.1	4.8	0.8	29	<0.1	1.3	0.6	156	1.40
1065841	Drill Core	4.58	0.008	3.9	48.3	4.7	67	<0.1	9.3	17.1	823	5.85	27.2	9.3	0.9	63	0.2	4.5	1.1	169	2.25
1065842	Drill Core	2.32	0.009	3.6	51.1	6.8	119	0.1	6.0	22.4	1354	6.59	31.9	9.4	0.9	113	0.1	11.3	0.8	121	4.29
1065843	Drill Core	5.16	0.010	0.5	60.4	4.2	46	<0.1	2.9	20.6	1012	6.07	8.3	10.7	1.2	97	<0.1	2.8	0.5	101	2.90
1065844	Drill Core	6.60	0.006	0.9	60.2	4.6	49	<0.1	2.8	18.8	1238	5.65	9.4	6.0	1.2	99	<0.1	10.7	0.4	110	3.47

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Project: Charlotte Project
Report Date: August 23, 2011

CERTIFICATE OF ANALYSIS WHI11000760.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Pb
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	0.02
1065815	Drill Core	0.070	2	2	1.27	93	0.144	<1	2.55	0.037	0.70	<0.1	<0.01	7.6	0.1	0.82	7	<0.5	<0.2		
1065816	Drill Core	0.070	5	2	1.96	99	0.121	<1	3.11	0.024	0.86	<0.1	<0.01	10.1	0.2	1.32	10	<0.5	<0.2		
1065817	Drill Core	0.076	6	3	1.22	74	0.129	<1	1.88	0.074	0.47	<0.1	<0.01	8.7	0.1	1.18	7	<0.5	<0.2		
1065818	Drill Core	0.083	6	65	1.41	72	0.122	<1	1.87	0.049	0.68	<0.1	<0.01	9.8	0.2	1.39	7	0.8	<0.2		
1065819	Drill Core	0.076	7	2	0.98	67	0.072	<1	2.25	0.022	0.43	<0.1	0.01	9.3	0.2	1.78	7	<0.5	0.2		
1065820	Drill Core	0.080	7	2	0.40	47	0.011	1	1.10	0.002	0.27	<0.1	0.05	6.8	0.3	2.35	3	0.6	<0.2		
1065821	Drill Core	0.083	8	1	0.41	44	0.018	1	1.57	0.005	0.29	<0.1	0.04	7.8	0.4	2.11	4	<0.5	<0.2		
1065822	Drill Core	0.060	10	2	0.27	48	0.012	<1	0.88	0.001	0.16	<0.1	0.08	7.0	0.1	1.71	2	0.8	<0.2		
1065823	Drill Core	0.034	5	3	0.34	37	0.002	2	0.58	0.003	0.23	<0.1	0.04	3.3	0.4	1.73	1	<0.5	<0.2		
1065824	Drill Core	0.032	5	3	0.14	43	<0.001	1	0.49	0.001	0.12	0.3	0.07	1.5	0.4	2.11	<1	0.7	<0.2		
1065825	Rock Pulp	0.054	7	47	0.77	128	0.131	3	1.85	0.221	0.25	0.4	<0.01	2.6	<0.1	0.13	5	1.8	0.5		
1065826	Drill Core	0.019	3	5	0.18	24	<0.001	2	0.43	0.002	0.19	<0.1	0.04	0.7	0.3	3.61	<1	1.0	1.0		
1065827	Drill Core	0.036	4	5	0.07	36	<0.001	2	0.38	0.002	0.22	<0.1	0.05	0.6	0.5	3.12	<1	0.6	0.5		
1065828	Drill Core	0.035	3	3	0.02	37	<0.001	3	0.30	0.002	0.19	<0.1	0.20	0.4	0.5	3.44	<1	<0.5	<0.2		
1065829	Drill Core	0.045	4	3	0.03	41	<0.001	4	0.25	0.001	0.16	<0.1	0.03	0.5	0.4	2.43	<1	<0.5	<0.2		
1065830	Drill Core	0.006	<1	4	<0.01	14	<0.001	1	0.16	<0.001	0.10	<0.1	1.09	0.2	1.7	9.69	2	2.1	<0.2	0.142	3.71
1065831	Rock	0.012	<1	<1	10.73	125	<0.001	1	0.02	0.002	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1065832	Drill Core	0.021	2	3	0.03	52	<0.001	2	0.35	0.002	0.18	<0.1	0.01	0.5	0.4	2.46	<1	0.8	<0.2		
1065833	Drill Core	0.009	1	5	0.02	40	<0.001	2	0.23	0.002	0.15	0.2	0.10	0.2	0.5	3.21	<1	1.3	0.2		
1065834	Drill Core	0.061	7	2	1.65	33	0.068	<1	2.39	0.011	0.92	0.1	<0.01	14.5	0.4	3.30	8	1.1	<0.2		
1065835	Drill Core	0.056	6	2	1.28	76	0.045	1	1.17	0.007	0.48	<0.1	<0.01	10.8	0.2	2.66	4	1.0	<0.2		
1065836	Drill Core	0.065	6	4	1.51	56	0.118	<1	2.16	0.029	0.97	<0.1	<0.01	16.3	0.2	2.42	8	1.3	<0.2		
1065837	Drill Core	0.090	5	6	1.48	57	0.004	2	0.69	0.010	0.19	<0.1	<0.01	9.7	0.1	2.36	2	0.9	<0.2		
1065838	Drill Core	0.061	5	7	1.97	87	0.091	<1	1.75	0.035	0.93	<0.1	<0.01	14.2	0.4	1.84	7	0.9	<0.2		
1065839	Drill Core	0.061	5	8	2.40	87	0.135	<1	2.13	0.042	1.25	<0.1	<0.01	14.7	0.4	1.68	8	1.0	<0.2		
1065840	Drill Core	0.062	3	9	1.89	54	0.134	<1	1.83	0.068	0.97	0.1	<0.01	12.2	0.4	2.37	7	0.9	<0.2		
1065841	Drill Core	0.056	4	8	1.98	43	0.097	<1	1.64	0.044	0.94	0.2	0.02	16.1	0.4	3.39	7	1.8	<0.2		
1065842	Drill Core	0.051	6	2	1.70	28	0.005	<1	0.71	0.004	0.18	<0.1	0.12	14.2	0.1	3.04	2	1.4	0.2		
1065843	Drill Core	0.056	7	2	1.32	75	0.032	<1	1.53	0.014	0.43	<0.1	<0.01	14.4	0.2	1.96	5	0.9	<0.2		
1065844	Drill Core	0.072	6	1	1.74	72	0.030	<1	1.01	0.009	0.38	<0.1	<0.01	15.0	0.2	1.75	3	<0.5	<0.2		

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 23, 2011

CERTIFICATE OF ANALYSIS WHI11000760.1

Method		7TD	G6Gr	G6Gr
Analyte		Zn	Ag	Au
Unit		%	gm/t	gm/t
MDL		0.01	50	0.9
1065815	Drill Core			
1065816	Drill Core			
1065817	Drill Core			
1065818	Drill Core			
1065819	Drill Core			
1065820	Drill Core			
1065821	Drill Core			
1065822	Drill Core			
1065823	Drill Core			
1065824	Drill Core			
1065825	Rock Pulp			
1065826	Drill Core			
1065827	Drill Core			
1065828	Drill Core			
1065829	Drill Core			
1065830	Drill Core	3.75	771	62.8
1065831	Rock			
1065832	Drill Core			
1065833	Drill Core			
1065834	Drill Core			
1065835	Drill Core			
1065836	Drill Core			
1065837	Drill Core			
1065838	Drill Core			
1065839	Drill Core			
1065840	Drill Core			
1065841	Drill Core			
1065842	Drill Core			
1065843	Drill Core			
1065844	Drill Core			

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CERTIFICATE OF ANALYSIS WHI11000760.1

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
1065845	Rock Pulp	0.14	>10	8.0	113.8	16.4	54	>100	14.5	10.6	585	3.47	224.3	12490	3.0	66	0.2	8.8	16.1	72	1.50
1065846	Drill Core	6.22	0.021	1.3	28.4	7.9	48	0.5	3.3	22.2	1214	6.33	48.0	5.4	1.1	67	<0.1	4.8	0.8	111	2.72
1065847	Drill Core	5.98	0.030	0.4	33.2	7.3	49	<0.1	2.7	14.6	1352	4.38	59.0	9.5	1.7	131	0.3	11.7	0.5	76	5.86
1065848	Drill Core	4.03	0.010	3.0	63.4	6.6	56	<0.1	2.7	16.1	521	5.31	9.6	12.2	1.7	60	<0.1	8.7	0.5	80	1.90
1065849	Drill Core	5.12	0.006	1.6	42.0	3.9	35	<0.1	1.5	14.0	906	4.22	6.6	7.7	1.2	73	<0.1	3.3	0.3	100	2.73
1065850	Drill Core	4.21	<0.005	1.4	70.5	2.9	41	<0.1	1.8	16.3	519	4.11	5.2	7.8	1.4	24	<0.1	3.3	0.5	121	1.15
1065851	Drill Core	3.58	0.011	0.4	32.4	3.3	49	<0.1	1.6	14.2	773	3.89	7.1	6.0	1.1	61	<0.1	9.1	0.3	80	2.78
1065852	Drill Core	4.18	0.011	1.2	36.5	5.0	76	<0.1	2.0	15.1	1059	4.60	8.0	4.0	1.0	89	<0.1	5.1	1.0	86	3.75
1065853	Drill Core	2.37	0.159	0.1	30.6	42.6	159	2.1	5.8	6.3	337	4.36	1305	152.5	2.3	29	0.8	31.6	0.2	18	0.16
1065854	Drill Core	2.37	0.191	0.3	3.3	144.1	19	3.5	1.6	1.3	137	1.18	1273	195.4	1.1	20	<0.1	19.6	0.3	14	0.10
1065855	Drill Core	2.56	0.207	0.2	2.8	221.5	17	4.4	0.4	0.5	102	1.37	1740	231.7	1.1	45	<0.1	12.5	0.5	8	0.08
1065856	Drill Core	1.36	0.179	0.3	3.0	206.0	15	4.5	0.5	0.6	104	1.18	1528	207.9	1.2	36	<0.1	10.7	0.5	8	0.08
1065857	Drill Core	1.95	0.248	0.4	16.6	658.1	358	8.2	1.1	2.5	817	3.14	3161	260.6	1.4	110	2.9	45.8	1.7	20	0.10
1065858	Drill Core	4.46	0.169	0.3	2.7	86.3	25	4.1	0.4	0.3	76	1.18	1213	185.1	0.7	27	<0.1	42.1	0.5	8	0.10
1065859	Drill Core	3.95	0.230	0.2	3.7	369.4	27	6.5	0.3	0.2	75	1.29	4277	257.3	0.9	25	0.3	70.6	0.7	8	0.09
1065860	Drill Core	3.44	0.403	0.8	3.5	2075	63	9.0	0.2	0.3	74	3.07	4801	491.1	2.4	128	0.3	194.6	0.9	10	0.11

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Project: Charlotte Project
Report Date: August 23, 2011

CERTIFICATE OF ANALYSIS WHI11000760.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Pb
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	0.02
1065845	Rock Pulp	0.050	7	24	0.70	108	0.119	4	1.63	0.182	0.20	4.5	0.47	2.0	<0.1	0.18	5	6.0	2.5		
1065846	Drill Core	0.064	5	1	1.34	55	0.019	<1	1.16	0.019	0.34	<0.1	<0.01	12.7	0.2	2.83	4	0.6	<0.2		
1065847	Drill Core	0.055	6	2	1.66	71	0.018	<1	0.88	0.009	0.25	<0.1	<0.01	8.6	0.2	1.99	2	0.6	<0.2		
1065848	Drill Core	0.065	7	2	1.18	199	0.073	<1	3.00	0.012	0.56	<0.1	0.04	8.7	0.2	1.26	8	<0.5	<0.2		
1065849	Drill Core	0.053	6	<1	1.08	250	0.046	1	2.42	0.028	0.43	<0.1	<0.01	7.3	0.2	0.67	7	<0.5	<0.2		
1065850	Drill Core	0.061	5	1	1.04	124	0.071	<1	1.96	0.093	0.37	<0.1	<0.01	8.6	0.1	0.86	7	<0.5	<0.2		
1065851	Drill Core	0.063	6	2	0.92	137	0.076	<1	2.14	0.005	0.63	<0.1	<0.01	8.1	0.3	0.39	6	<0.5	<0.2		
1065852	Drill Core	0.058	7	3	1.34	178	0.092	<1	2.76	0.005	0.74	<0.1	<0.01	7.7	0.3	1.16	8	0.7	0.4		
1065853	Drill Core	0.052	7	4	0.06	131	<0.001	3	0.40	0.005	0.29	2.7	0.14	6.7	2.5	0.18	<1	<0.5	<0.2		
1065854	Drill Core	0.028	6	3	0.11	185	<0.001	4	0.49	0.011	0.28	1.4	0.17	4.9	1.4	0.17	1	<0.5	<0.2		
1065855	Drill Core	0.040	4	<1	0.03	182	<0.001	4	0.35	0.005	0.37	0.3	0.09	4.8	1.4	0.33	<1	<0.5	<0.2		
1065856	Drill Core	0.035	5	2	0.03	153	<0.001	3	0.37	0.005	0.35	0.4	0.07	5.0	1.4	0.25	1	<0.5	<0.2		
1065857	Drill Core	0.054	5	<1	0.03	110	<0.001	3	0.42	0.009	0.35	0.3	0.26	4.8	2.8	0.35	1	<0.5	0.4		
1065858	Drill Core	0.042	5	1	0.04	163	<0.001	5	0.34	0.004	0.34	0.1	0.12	5.3	2.7	0.27	1	<0.5	<0.2		
1065859	Drill Core	0.077	4	<1	0.03	177	<0.001	4	0.36	0.005	0.33	0.2	0.05	6.8	2.1	0.23	1	0.7	<0.2		
1065860	Drill Core	0.098	6	<1	0.03	145	<0.001	6	0.31	0.009	0.59	0.1	0.12	5.9	3.4	0.83	2	1.5	0.3		

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CERTIFICATE OF ANALYSIS WHI11000760.1

Method		7TD	G6Gr	G6Gr
Analyte		Zn	Ag	Au
Unit		%	gm/t	gm/t
MDL		0.01	50	0.9
1065845	Rock Pulp		164	11.2
1065846	Drill Core			
1065847	Drill Core			
1065848	Drill Core			
1065849	Drill Core			
1065850	Drill Core			
1065851	Drill Core			
1065852	Drill Core			
1065853	Drill Core			
1065854	Drill Core			
1065855	Drill Core			
1065856	Drill Core			
1065857	Drill Core			
1065858	Drill Core			
1065859	Drill Core			
1065860	Drill Core			

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Report Date: August 23, 2011

QUALITY CONTROL REPORT WHI11000760.1

	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																					
1065739	Drill Core	4.06	<0.005	0.1	2.8	2.6	35	<0.1	1.1	1.6	130	0.93	2.1	<0.5	7.3	3	<0.1	0.3	<0.1	5	0.04
REP 1065739	QC		<0.005																		
1065740	Drill Core	3.99	<0.005	2.8	3.4	2.2	32	<0.1	2.1	1.9	155	1.06	1.5	3.5	6.9	4	0.1	0.3	0.1	7	0.03
REP 1065740	QC			2.7	3.4	2.1	30	<0.1	2.0	1.7	142	1.02	2.0	<0.5	6.5	4	0.1	0.3	0.1	7	0.03
1065755	Rock	1.02	<0.005	<0.1	1.1	1.0	11	<0.1	1.0	0.9	212	0.41	2.1	<0.5	<0.1	40	<0.1	<0.1	<0.1	<2	19.69
REP 1065755	QC			<0.1	1.1	0.9	10	<0.1	0.3	0.8	208	0.41	2.3	<0.5	<0.1	39	<0.1	<0.1	<0.1	<2	19.24
1065762	Drill Core	3.07	<0.005	0.2	35.4	2.9	64	<0.1	30.8	16.3	599	2.82	16.5	2.5	0.4	11	0.1	1.3	0.3	81	1.43
REP 1065762	QC		<0.005																		
1065768	Drill Core	4.59	0.007	0.3	52.9	3.0	68	0.1	21.6	16.0	571	2.40	26.8	5.3	0.2	15	0.1	0.8	0.7	73	1.24
REP 1065768	QC			0.3	50.8	2.8	64	0.1	20.5	15.4	532	2.27	25.4	3.2	0.2	14	<0.1	0.8	0.6	68	1.18
1065786	Drill Core	2.43	<0.005	4.8	43.6	58.2	278	0.2	12.5	4.6	74	2.10	885.8	5.5	7.5	11	2.9	39.7	0.2	26	0.12
REP 1065786	QC			4.5	41.4	58.5	268	0.2	12.1	4.1	70	2.02	843.2	2.8	7.7	11	2.7	39.4	0.2	25	0.12
1065809	Drill Core	4.08	<0.005	0.1	43.3	2.5	61	<0.1	4.2	17.0	885	5.15	7.5	4.1	0.9	48	<0.1	3.4	0.2	119	2.36
REP 1065809	QC			<0.1	42.3	2.6	61	<0.1	3.7	16.9	851	4.95	7.6	4.2	0.9	47	<0.1	2.9	0.2	114	2.18
1065811	Drill Core	7.37	0.120	0.7	66.1	55.7	501	5.3	4.4	19.9	2231	6.35	275.8	111.5	0.8	28	0.5	27.4	1.3	26	2.04
REP 1065811	QC		0.115																		
REP 1065824	QC		0.261	0.2	20.0	321.2	1636	6.6	3.3	4.3	414	2.01	1594	311.7	2.4	8	22.4	65.9	0.4	3	0.33
1065830	Drill Core	4.26	>10	0.4	1317	>10000	>10000	>100	1.3	3.8	365	16.14	>10000	55379	0.8	5	536.7	>2000	8.4	2	0.02
REP 1065830	QC																				
1065840	Drill Core	6.18	<0.005	0.9	69.2	2.9	58	<0.1	11.1	20.0	746	5.01	6.1	4.8	0.8	29	<0.1	1.3	0.6	156	1.40
REP 1065840	QC			1.0	67.5	2.4	57	<0.1	10.7	19.6	745	4.94	4.6	5.9	0.8	28	<0.1	1.3	0.6	154	1.38
1065845	Rock Pulp	0.14	>10	8.0	113.8	16.4	54	>100	14.5	10.6	585	3.47	224.3	12490	3.0	66	0.2	8.8	16.1	72	1.50
REP 1065845	QC																				
1065857	Drill Core	1.95	0.248	0.4	16.6	658.1	358	8.2	1.1	2.5	817	3.14	3161	260.6	1.4	110	2.9	45.8	1.7	20	0.10
REP 1065857	QC			0.4	16.1	636.4	339	8.0	0.8	2.4	798	3.05	3122	251.8	1.4	104	2.6	44.1	1.6	19	0.10
Core Reject Duplicates																					
1065754	Drill Core	1.45	0.028	0.1	452.7	9.1	47	0.3	191.0	66.0	567	10.13	19.8	21.2	0.3	13	0.1	0.7	1.6	114	1.23
DUP 1065754	QC		0.026	0.1	441.7	8.8	45	0.3	191.8	70.6	565	10.21	18.6	21.4	0.3	13	0.1	0.7	1.7	114	1.21

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QUALITY CONTROL REPORT WHI11000760.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Pb
	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	0.02
Pulp Duplicates																					
1065739	Drill Core	0.008	15	2	0.42	43	0.019	1	0.69	0.052	0.24	<0.1	<0.01	0.8	<0.1	<0.05	3	<0.5	<0.2		
REP 1065739	QC																				
1065740	Drill Core	0.006	10	9	0.46	59	0.035	<1	0.74	0.059	0.35	<0.1	0.01	1.1	<0.1	<0.05	4	<0.5	<0.2		
REP 1065740	QC	0.005	10	8	0.44	55	0.035	<1	0.71	0.055	0.33	<0.1	<0.01	1.0	<0.1	<0.05	4	<0.5	<0.2		
1065755	Rock	0.015	<1	<1	11.81	25	0.002	<1	0.03	0.003	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
REP 1065755	QC	0.014	<1	<1	11.05	24	0.002	<1	0.03	0.003	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1065762	Drill Core	0.143	2	77	1.25	125	0.172	2	1.64	0.113	0.31	0.2	<0.01	6.8	<0.1	0.25	5	<0.5	<0.2		
REP 1065762	QC																				
1065768	Drill Core	0.099	<1	23	0.98	28	0.121	2	1.34	0.124	0.11	0.1	<0.01	5.9	<0.1	0.26	4	<0.5	0.3		
REP 1065768	QC	0.093	<1	22	0.92	26	0.109	1	1.24	0.118	0.10	0.1	<0.01	5.4	<0.1	0.24	4	<0.5	<0.2		
1065786	Drill Core	0.040	21	7	0.11	82	0.006	1	0.99	0.005	0.21	<0.1	0.02	3.7	0.2	<0.05	2	0.6	<0.2		
REP 1065786	QC	0.038	21	6	0.11	81	0.005	2	0.95	0.004	0.19	<0.1	0.02	3.4	0.2	<0.05	2	0.9	<0.2		
1065809	Drill Core	0.071	5	4	1.81	227	0.202	<1	3.06	0.039	1.27	<0.1	<0.01	11.3	0.2	0.59	9	<0.5	<0.2		
REP 1065809	QC	0.068	4	4	1.78	201	0.197	<1	2.99	0.036	1.25	<0.1	<0.01	11.1	0.2	0.55	9	0.6	<0.2		
1065811	Drill Core	0.061	3	2	0.71	28	0.002	1	0.61	0.002	0.28	0.3	0.04	6.1	0.5	6.03	2	1.6	0.3		
REP 1065811	QC																				
REP 1065824	QC	0.033	5	3	0.14	40	<0.001	<1	0.48	0.001	0.12	0.3	0.08	1.4	0.4	2.01	<1	0.6	<0.2		
1065830	Drill Core	0.006	<1	4	<0.01	14	<0.001	1	0.16	<0.001	0.10	<0.1	1.09	0.2	1.7	9.69	2	2.1	<0.2	0.142	3.71
REP 1065830	QC																			0.143	3.82
1065840	Drill Core	0.062	3	9	1.89	54	0.134	<1	1.83	0.068	0.97	0.1	<0.01	12.2	0.4	2.37	7	0.9	<0.2		
REP 1065840	QC	0.061	3	9	1.87	53	0.137	<1	1.80	0.069	0.96	0.1	<0.01	12.2	0.3	2.32	7	0.6	0.2		
1065845	Rock Pulp	0.050	7	24	0.70	108	0.119	4	1.63	0.182	0.20	4.5	0.47	2.0	<0.1	0.18	5	6.0	2.5		
REP 1065845	QC																				
1065857	Drill Core	0.054	5	<1	0.03	110	<0.001	3	0.42	0.009	0.35	0.3	0.26	4.8	2.8	0.35	1	<0.5	0.4		
REP 1065857	QC	0.050	5	<1	0.03	109	<0.001	4	0.39	0.008	0.33	0.2	0.23	4.9	2.6	0.34	1	0.7	0.4		
Core Reject Duplicates																					
1065754	Drill Core	0.067	1	43	1.50	24	0.115	2	2.35	0.064	0.05	0.4	0.02	9.0	0.2	5.51	8	4.5	0.6		
DUP 1065754	QC	0.066	1	42	1.52	25	0.124	2	2.28	0.072	0.06	0.3	0.02	8.8	0.3	5.60	8	5.0	0.6		

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 23, 2011

QUALITY CONTROL REPORT WHI11000760.1

		Method	7TD	G6Gr	G6Gr
		Analyte	Zn	Ag	Au
		Unit	%	gm/t	gm/t
		MDL	0.01	50	0.9
Pulp Duplicates					
1065739	Drill Core				
REP 1065739	QC				
1065740	Drill Core				
REP 1065740	QC				
1065755	Rock				
REP 1065755	QC				
1065762	Drill Core				
REP 1065762	QC				
1065768	Drill Core				
REP 1065768	QC				
1065786	Drill Core				
REP 1065786	QC				
1065809	Drill Core				
REP 1065809	QC				
1065811	Drill Core				
REP 1065811	QC				
REP 1065824	QC				
1065830	Drill Core		3.75	771	62.8
REP 1065830	QC		3.75		
1065840	Drill Core				
REP 1065840	QC				
1065845	Rock Pulp			164	11.2
REP 1065845	QC			161	12.2
1065857	Drill Core				
REP 1065857	QC				
Core Reject Duplicates					
1065754	Drill Core				
DUP 1065754	QC				

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QUALITY CONTROL REPORT WHI11000760.1

		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
1065789	Drill Core	3.68	0.022	1.2	6.3	119.1	66	0.9	0.9	1.0	119	1.04	258.0	16.8	3.5	28	0.5	43.2	0.8	2	0.06
DUP 1065789	QC		0.019	1.4	7.3	127.7	71	1.0	1.3	1.1	131	1.16	279.6	20.4	3.7	29	0.6	44.4	0.9	2	0.06
1065824	Drill Core	2.40	0.266	0.2	20.4	324.6	1628	6.8	3.5	4.4	425	2.07	1659	284.8	2.6	9	24.3	71.1	0.4	4	0.33
DUP 1065824	QC	2.40	0.332	0.2	19.7	276.3	1562	7.3	3.6	4.6	409	2.05	1617	287.1	2.6	9	21.6	64.1	0.4	4	0.31
1065859	Drill Core	3.95	0.230	0.2	3.7	369.4	27	6.5	0.3	0.2	75	1.29	4277	257.3	0.9	25	0.3	70.6	0.7	8	0.09
DUP 1065859	QC		0.225	0.4	3.8	363.5	25	6.3	0.5	0.3	77	1.28	4115	245.5	0.9	24	0.3	65.3	0.7	9	0.08
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			13.2	97.9	121.5	295	1.7	37.2	7.4	574	2.32	24.9	112.1	6.4	58	2.2	4.9	6.0	38	0.68
STD DS8	Standard			14.0	113.3	127.5	312	1.7	39.0	7.6	620	2.48	31.2	95.6	6.8	67	2.1	5.5	6.1	43	0.71
STD DS8	Standard			12.7	108.9	121.9	313	1.8	38.7	7.6	605	2.43	26.7	112.4	6.7	68	2.4	5.2	7.2	40	0.73
STD DS8	Standard			12.0	97.8	111.8	298	1.8	37.2	7.3	585	2.32	25.0	107.9	5.7	57	2.3	5.3	6.4	37	0.67
STD DS8	Standard			11.7	109.9	128.6	306	1.8	35.9	7.2	584	2.42	25.6	102.7	6.8	65	2.5	5.6	6.9	39	0.61
STD OXH82	Standard		1.321																		
STD OXH82	Standard		1.381																		
STD OXH82	Standard		1.280																		
STD OXH82	Standard		1.281																		
STD OXH82	Standard		1.398																		
STD OXH82	Standard		1.263																		
STD OXK79	Standard		3.879																		
STD OXK79	Standard		3.884																		
STD OXK79	Standard		3.646																		
STD OXK79	Standard		3.883																		
STD R4T	Standard																				
STD OXK79 Expected			3.532																		
STD AGPROOF Expected																					
STD CDN-ME-3 Expected																					

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QUALITY CONTROL REPORT WHI11000760.1

		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	7TD Pb % 0.02
1065789	Drill Core	0.011	10	3	0.02	114	<0.001	3	0.18	0.003	0.22	0.3	0.04	0.5	0.6	0.26	<1	<0.5	0.3		
DUP 1065789	QC	0.012	11	4	0.02	128	<0.001	3	0.24	0.003	0.25	0.4	0.04	0.6	0.6	0.26	<1	<0.5	0.3		
1065824	Drill Core	0.032	5	3	0.14	43	<0.001	1	0.49	0.001	0.12	0.3	0.07	1.5	0.4	2.11	<1	0.7	<0.2		
DUP 1065824	QC	0.034	5	3	0.13	48	<0.001	2	0.55	0.001	0.13	0.2	0.07	1.5	0.3	2.08	<1	0.8	<0.2		
1065859	Drill Core	0.077	4	<1	0.03	177	<0.001	4	0.36	0.005	0.33	0.2	0.05	6.8	2.1	0.23	1	0.7	<0.2		
DUP 1065859	QC	0.074	4	1	0.03	183	<0.001	7	0.40	0.005	0.35	0.2	0.07	6.8	2.2	0.23	1	<0.5	0.2		
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard	0.074	14	112	0.59	268	0.112	3	0.88	0.082	0.39	2.9	0.18	1.9	5.4	0.15	4	5.3	4.7		
STD DS8	Standard	0.081	15	121	0.60	283	0.116	2	0.92	0.096	0.41	3.1	0.21	1.9	5.3	0.15	5	4.9	4.9		
STD DS8	Standard	0.080	14	119	0.62	262	0.115	2	0.97	0.100	0.40	2.9	0.18	2.2	5.5	0.16	5	5.3	5.0		
STD DS8	Standard	0.083	13	108	0.59	271	0.101	4	0.90	0.078	0.41	2.8	0.19	1.9	5.3	0.16	4	5.9	5.1		
STD DS8	Standard	0.081	13	111	0.57	261	0.111	2	0.87	0.079	0.40	3.0	0.21	1.8	5.6	0.16	4	4.8	4.4		
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 R4T	Standard																			0.508	1.54
STD OXK79 Expected																					
STD AGPROOF Expected																					
STD CDN-ME-3 Expected																					

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Project: Charlotte Project
Report Date: August 23, 2011

QUALITY CONTROL REPORT WHI11000760.1

		7TD Zn % 0.01	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
1065789	Drill Core			
DUP 1065789	QC			
1065824	Drill Core			
DUP 1065824	QC			
1065859	Drill Core			
DUP 1065859	QC			
Reference Materials				
STD AGPROOF	Standard		95	<0.9
STD CDN-ME-3	Standard		260	9.5
STD CDN-ME-3	Standard		255	9.6
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	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 R4T	Standard	3.46		
STD OXK79 Expected				
STD AGPROOF Expected			94	0
STD CDN-ME-3 Expected			276	9.77

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		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 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 R4T 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																		
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BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
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	5.9	7	<0.1	<0.1	<0.1	<1	<0.01	23.2	2.2	<0.1	<1	<0.1	0.9	<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			<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	1.6	2.9	46	<0.1	3.8	4.3	567	1.93	<0.5	3.4	5.1	61	<0.1	<0.1	0.1	36	0.49
G1	Prep Blank		<0.005	<0.1	1.5	2.8	47	<0.1	3.7	4.4	552	1.94	<0.5	1.8	5.2	58	<0.1	<0.1	0.1	36	0.63

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QUALITY CONTROL REPORT WHI11000760.1

		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	7TD Pb % 0.02
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 R4T Expected																				0.502	1.518
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	<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	<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	<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	<0.02
Prep Wash																					
G1	Prep Blank	0.079	8	9	0.61	227	0.118	2	1.02	0.079	0.48	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.078	8	6	0.67	223	0.120	1	0.99	0.070	0.49	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2		

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		7TD Zn % 0.01	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
STD OXH82 Expected				
STD DS8 Expected				
STD R4T Expected		3.376		
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank		<50	<0.9
BLK	Blank		<50	<0.9
BLK	Blank		<50	<0.9
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.01		
Prep Wash				
G1	Prep Blank			
G1	Prep Blank			

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Submitted By: Gary Schellenberg
Receiving Lab: Canada-Whitehorse
Received: August 08, 2011
Report Date: September 16, 2011
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CERTIFICATE OF ANALYSIS WHI11000891.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-018
P.O. Number
Number of Samples: 115

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	111	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	115	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	115	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	2	Lead collection fire assay 30G fusion - Grav finish	30	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
Nicola Struyk

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.

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
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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
1065936	Drill Core	4.31	<0.005	1.7	16.9	5.5	92	<0.1	9.3	7.1	432	3.49	7.3	<0.5	3.6	24	0.4	5.7	1.0	27	1.56
1065937	Drill Core	4.74	<0.005	0.9	36.0	6.3	130	<0.1	11.8	10.6	455	3.13	34.4	<0.5	2.5	22	0.4	12.9	0.8	51	1.07
1065938	Drill Core	5.11	<0.005	1.8	26.7	19.5	157	<0.1	10.4	7.3	528	3.62	50.3	<0.5	2.6	24	1.3	13.2	1.4	25	1.33
1065939	Drill Core	6.07	<0.005	1.0	28.6	3.8	55	<0.1	18.8	10.7	485	4.55	4.1	<0.5	2.8	41	<0.1	4.6	1.6	56	1.65
1065940	Drill Core	5.34	<0.005	1.0	28.5	6.3	90	<0.1	12.4	10.1	610	4.25	19.4	<0.5	2.8	43	0.4	8.5	1.4	53	2.08
1065941	Drill Core	5.31	<0.005	2.2	26.7	8.6	148	<0.1	14.7	10.4	652	3.65	80.3	<0.5	3.0	47	0.7	8.6	0.8	67	1.82
1065942	Drill Core	5.57	<0.005	0.6	63.0	5.3	71	0.2	12.9	9.4	670	4.08	10.4	1.3	2.0	50	0.3	4.1	2.1	55	1.98
1065943	Drill Core	5.26	0.439	0.6	41.3	8.3	97	0.4	11.5	11.3	752	3.91	650.1	459.0	3.6	54	0.4	11.3	1.4	52	2.03
1065944	Drill Core	6.08	0.007	1.2	44.6	6.6	55	<0.1	12.6	9.7	573	3.80	15.3	2.8	1.9	46	0.1	4.9	1.9	54	1.97
1065945	Rock	0.70	<0.005	0.1	0.5	0.9	9	<0.1	<0.1	0.4	171	0.37	<0.5	<0.5	<0.1	33	<0.1	<0.1	<0.1	<2	17.53
1065946	Drill Core	4.90	<0.005	2.4	52.2	12.9	68	0.2	27.6	10.3	726	4.70	31.0	<0.5	3.0	60	0.2	15.6	3.1	30	1.94
1065947	Drill Core	4.36	<0.005	7.0	60.2	12.6	43	0.3	16.3	10.6	717	4.51	10.2	<0.5	3.1	40	0.1	13.9	2.4	40	2.38
1065948	Drill Core	3.99	<0.005	7.4	65.1	9.7	84	0.1	24.1	9.2	649	3.12	16.6	<0.5	2.9	34	0.2	9.8	1.1	30	1.80
1065949	Drill Core	5.04	<0.005	5.8	88.8	3.3	26	0.1	15.8	11.1	503	3.02	2.4	<0.5	2.2	32	<0.1	2.5	1.0	51	1.52
1065950	Drill Core	6.18	<0.005	2.6	97.5	5.4	29	0.2	14.4	7.9	485	3.39	1.2	<0.5	2.2	33	0.2	1.3	1.5	40	1.49
1065951	Drill Core	5.78	<0.005	4.3	128.6	15.6	67	0.4	13.1	8.2	677	3.84	16.5	2.9	2.6	38	0.2	5.2	1.7	41	1.92
1065952	Drill Core	5.64	<0.005	7.1	44.6	17.6	58	0.4	16.4	7.8	667	3.36	34.3	2.0	2.6	46	0.2	3.8	0.7	30	1.67
1065953	Drill Core	5.06	<0.005	2.3	36.4	27.6	72	0.5	12.9	7.3	707	2.99	26.5	2.5	2.1	50	0.3	3.3	0.6	17	1.90
1065954	Drill Core	5.55	0.066	2.7	77.0	36.9	178	1.2	10.9	8.0	1370	3.01	247.5	68.1	3.4	44	1.1	10.4	0.6	10	1.97
1065955	Rock Pulp	0.14	0.395	10.0	135.5	7.9	50	0.2	26.3	35.6	471	3.14	1412	440.9	3.1	68	0.2	2.1	4.7	78	1.17
1065956	Drill Core	4.44	0.104	1.3	64.4	20.6	174	1.0	12.2	10.2	1348	3.52	276.7	126.6	2.8	51	0.5	15.3	0.8	36	2.02
1065957	Drill Core	3.39	0.015	0.3	71.6	10.6	92	0.1	11.3	12.5	1118	4.04	33.5	12.2	3.1	44	0.2	24.1	1.7	41	2.09
1065958	Drill Core	5.51	0.065	7.6	11.6	51.5	819	0.5	12.7	9.0	1086	7.85	160.0	62.2	1.9	32	5.8	6.9	1.0	8	1.52
1065959	Drill Core	3.95	0.050	1.7	32.4	10.7	125	0.2	11.6	7.8	811	3.05	110.6	55.0	2.2	45	0.8	9.9	0.6	9	2.30
1065960	Drill Core	4.52	0.013	1.5	27.6	7.7	64	0.2	26.2	8.2	1063	2.96	97.8	5.9	1.8	34	0.3	6.3	0.5	7	1.73
1065961	Drill Core	4.49	0.011	0.9	38.7	13.7	48	0.5	20.6	8.1	658	3.19	34.3	2.9	4.3	33	0.2	10.7	0.5	13	1.47
1065962	Drill Core	3.12	2.115	3.0	65.4	2250	2882	31.7	15.2	8.0	901	4.59	5495	1835	2.1	18	42.9	252.5	1.0	4	0.93
1065963	Drill Core	1.80	4.746	1.5	138.1	5586	4626	69.5	13.4	6.8	657	5.05	>10000	5519	1.1	15	66.2	559.7	1.6	5	0.86
1065964	Drill Core	6.04	0.013	0.8	14.6	18.2	51	0.2	19.0	8.7	547	3.22	19.9	5.2	1.3	51	0.2	3.0	0.5	47	1.69
1065965	Drill Core	5.81	0.014	0.5	15.0	30.5	54	0.5	14.1	11.2	484	4.54	17.2	815.1	2.4	40	0.3	2.6	1.2	57	1.57

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Project: Charlotte Project
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
1065936	Drill Core	0.052	11	7	0.56	46	0.007	2	0.58	0.004	0.16	<0.1	0.05	5.7	0.1	2.96	1	1.6	0.2		
1065937	Drill Core	0.059	10	8	0.64	61	0.042	1	1.10	0.006	0.37	0.1	0.10	9.4	0.2	1.90	3	1.3	0.2		
1065938	Drill Core	0.052	9	7	0.58	49	0.009	2	0.68	0.004	0.18	0.6	0.04	6.1	0.1	2.95	2	2.3	<0.2		
1065939	Drill Core	0.063	9	12	1.18	19	0.036	2	1.26	0.023	0.42	0.9	0.01	9.4	0.3	3.74	4	2.8	<0.2		
1065940	Drill Core	0.072	9	10	1.11	40	0.033	<1	1.07	0.010	0.36	0.2	0.02	9.6	0.2	3.38	3	2.6	<0.2		
1065941	Drill Core	0.064	9	13	1.19	68	0.062	<1	1.31	0.008	0.49	0.1	0.04	9.8	0.2	1.96	4	1.9	<0.2		
1065942	Drill Core	0.065	8	10	1.23	21	0.038	<1	1.28	0.031	0.30	1.5	<0.01	7.7	0.1	3.16	4	2.0	0.4		
1065943	Drill Core	0.073	12	12	1.00	42	0.011	<1	1.27	0.010	0.23	0.1	<0.01	7.8	0.2	2.62	4	1.8	<0.2		
1065944	Drill Core	0.059	9	10	0.82	38	0.033	<1	0.91	0.028	0.23	1.5	<0.01	7.2	0.1	2.88	3	1.7	0.3		
1065945	Rock	0.012	<1	<1	10.96	7	<0.001	1	0.01	0.002	<0.01	<0.1	<0.01	0.1	<0.1	0.09	<1	<0.5	<0.2		
1065946	Drill Core	0.047	9	7	0.70	19	<0.001	1	0.40	0.005	0.09	0.5	0.02	5.4	0.2	4.54	<1	2.1	0.4		
1065947	Drill Core	0.057	10	8	0.78	14	<0.001	<1	0.54	0.004	0.06	0.3	0.07	10.1	<0.1	4.28	1	2.4	1.0		
1065948	Drill Core	0.055	8	23	0.56	24	<0.001	<1	0.40	0.003	0.08	0.3	0.08	9.2	0.1	2.82	<1	2.5	0.3		
1065949	Drill Core	0.055	7	16	0.82	36	0.034	1	0.84	0.040	0.09	1.3	<0.01	5.9	<0.1	2.48	3	1.4	<0.2		
1065950	Drill Core	0.058	6	23	0.75	20	0.051	<1	0.55	0.047	0.07	5.2	0.01	3.6	<0.1	3.15	3	1.9	0.3		
1065951	Drill Core	0.051	6	14	0.78	19	0.018	2	0.98	0.030	0.16	5.4	0.02	5.6	0.1	3.33	3	2.1	0.2		
1065952	Drill Core	0.043	5	8	0.87	46	0.009	3	0.65	0.015	0.24	1.6	0.03	4.7	0.1	2.99	2	3.0	<0.2		
1065953	Drill Core	0.035	4	8	0.66	51	0.002	2	0.52	0.014	0.17	1.1	0.02	3.6	0.1	2.51	1	2.2	<0.2		
1065954	Drill Core	0.049	4	5	0.63	44	0.001	3	0.34	0.005	0.17	0.2	0.02	3.1	0.3	2.73	<1	1.6	<0.2		
1065955	Rock Pulp	0.059	6	43	0.75	116	0.099	2	1.51	0.152	0.26	0.3	<0.01	2.0	<0.1	0.14	4	2.2	0.8		
1065956	Drill Core	0.062	8	7	0.70	44	0.011	3	0.75	0.020	0.11	1.1	0.10	5.9	1.2	2.91	2	2.1	0.2		
1065957	Drill Core	0.081	13	5	0.51	22	<0.001	1	0.43	0.002	0.03	0.2	0.10	13.3	0.2	3.87	1	3.4	0.6		
1065958	Drill Core	0.040	3	6	0.59	10	<0.001	1	0.33	0.004	0.17	0.3	0.05	2.4	0.2	7.74	<1	6.2	0.4		
1065959	Drill Core	0.043	3	6	0.58	30	<0.001	3	0.36	0.003	0.19	0.2	0.03	3.1	0.2	2.92	<1	2.5	<0.2		
1065960	Drill Core	0.041	3	6	0.59	33	<0.001	1	0.23	0.003	0.17	0.2	0.01	2.2	0.2	2.82	<1	1.5	<0.2		
1065961	Drill Core	0.035	6	6	0.58	37	0.001	3	0.44	0.004	0.21	<0.1	0.02	4.0	0.4	3.02	1	1.7	0.2		
1065962	Drill Core	0.063	3	4	0.27	16	<0.001	3	0.26	0.002	0.17	0.1	0.15	1.3	1.3	4.80	<1	1.5	0.3		
1065963	Drill Core	0.038	2	7	0.22	14	<0.001	2	0.29	0.003	0.19	0.2	0.24	1.4	1.9	5.00	1	1.1	0.5		
1065964	Drill Core	0.041	4	13	0.99	27	0.032	1	0.65	0.024	0.35	0.3	<0.01	6.0	0.2	2.69	2	1.8	<0.2		
1065965	Drill Core	0.052	8	16	0.92	18	0.045	1	0.77	0.059	0.23	5.9	<0.01	6.5	0.3	4.42	4	2.6	0.6		

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	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
1065966	Drill Core	6.04	<0.005	1.3	36.9	10.9	47	<0.1	9.5	11.2	445	2.66	3.2	<0.5	1.9	25	0.2	0.8	0.7	44	1.72
1065967	Drill Core	4.93	<0.005	0.9	48.0	42.4	99	0.7	11.8	8.7	1496	3.84	13.5	5.8	2.2	61	0.6	7.1	4.3	33	2.96
1065968	Drill Core	4.96	0.056	1.1	62.3	106.2	130	12.4	12.4	7.7	2173	5.06	187.4	72.5	1.7	16	1.2	34.0	2.1	5	1.19
1065969	Drill Core	3.16	0.036	2.2	14.0	38.7	38	2.1	5.9	4.6	1811	2.54	163.7	34.7	3.0	23	0.6	8.9	0.6	4	1.04
1065970	Drill Core	2.75	0.039	2.4	84.0	12.7	38	0.6	7.0	8.9	1134	2.84	161.1	38.5	3.7	73	0.2	10.1	1.2	18	2.53
1065971	Drill Core	4.45	<0.005	3.1	49.7	3.6	37	<0.1	9.8	7.9	393	2.99	3.3	5.1	2.7	52	<0.1	2.2	0.7	49	1.01
1065972	Drill Core	5.25	0.050	1.1	68.4	48.3	127	3.8	9.8	9.4	1640	3.41	265.0	48.6	2.9	32	1.1	12.9	1.0	10	1.59
1065973	Drill Core	4.73	0.457	1.9	44.5	107.5	226	8.4	7.0	6.3	2162	3.12	990.2	425.6	3.2	30	2.9	21.2	1.0	5	1.38
1065974	Drill Core	3.89	<0.005	1.1	70.7	14.7	66	0.1	7.1	8.3	1248	2.60	33.2	1.8	3.0	84	0.3	4.7	1.2	23	3.51
1065975	Rock	0.67	<0.005	0.3	0.6	2.5	14	<0.1	2.3	0.5	189	0.38	1.2	0.5	<0.1	35	<0.1	0.6	<0.1	<2	15.45
1065976	Drill Core	6.34	<0.005	4.7	61.5	6.3	39	0.1	17.9	8.6	629	2.66	10.6	1.3	3.3	82	0.2	3.0	0.9	40	1.96
1065977	Drill Core	2.82	<0.005	1.6	58.2	3.8	41	<0.1	13.9	9.5	553	2.81	4.5	1.0	2.9	41	0.2	0.9	0.8	57	1.60
1065978	Drill Core	5.31	0.009	1.6	61.8	20.9	69	0.6	15.2	8.9	2312	2.88	134.3	9.9	2.2	50	0.5	10.0	1.1	12	2.29
1065979	Drill Core	5.01	0.015	2.0	53.5	58.9	187	1.7	7.5	5.1	2346	2.53	172.6	15.3	1.4	32	1.6	12.6	3.3	5	1.64
1065980	Drill Core	5.85	0.048	1.8	66.8	29.5	88	2.4	12.7	8.4	2075	3.67	577.2	56.4	2.2	35	0.6	30.1	2.5	9	1.92
1065981	Drill Core	4.50	0.151	1.2	44.4	126.1	146	4.7	7.9	6.8	2660	3.12	544.1	145.8	2.2	25	2.4	18.0	1.3	5	1.61
1065982	Drill Core	6.52	0.802	2.8	55.9	100.2	739	11.5	10.5	6.3	2090	3.85	2590	885.0	2.6	22	13.5	33.2	1.5	6	1.22
1065983	Drill Core	2.75	0.135	4.2	60.6	162.4	348	8.7	14.1	6.2	1430	3.26	340.1	104.9	2.0	14	6.5	22.5	1.6	6	0.92
1065984	Drill Core	4.07	0.144	1.8	56.8	61.6	105	4.8	11.2	5.3	2179	3.33	739.9	168.0	1.9	27	1.1	33.7	1.1	6	1.49
1065985	Rock Pulp	0.14	>10	7.4	131.6	18.8	55	>100	14.4	10.3	537	3.34	234.9	12078	3.6	75	0.4	8.9	20.2	71	1.48
1065986	Drill Core	1.91	1.112	1.1	65.2	553.0	1307	17.7	9.7	8.2	576	3.62	2880	1067	2.9	8	22.1	57.6	0.9	4	0.38
1065987	Drill Core	3.23	0.081	1.4	44.8	39.1	191	3.6	7.0	8.8	3352	3.32	408.6	66.5	2.4	27	1.9	16.6	0.9	6	1.52
1065988	Drill Core	3.20	0.351	1.4	15.3	109.1	212	2.2	9.6	7.1	3520	2.94	569.0	335.0	2.0	49	2.9	20.8	0.5	7	2.27
1065989	Drill Core	1.80	0.057	1.5	4.5	78.4	315	0.8	2.0	9.5	5643	2.98	367.5	57.2	1.9	55	1.3	6.8	<0.1	8	3.15
1065990	Drill Core	2.65	0.015	2.4	84.5	47.2	90	0.4	47.2	12.9	1705	3.88	122.0	18.6	2.2	54	0.8	4.6	3.2	16	2.67
1065991	Drill Core	3.52	<0.005	4.3	85.6	4.0	41	<0.1	10.5	6.8	398	2.74	2.7	6.2	4.0	29	<0.1	2.3	1.0	39	1.29
1065992	Drill Core	3.27	0.013	10.9	116.0	24.9	56	0.3	13.3	7.7	638	3.26	33.5	13.0	4.1	44	0.2	14.0	1.2	35	1.42
1065993	Drill Core	3.31	<0.005	0.9	176.7	20.6	69	0.3	9.6	10.7	778	4.28	16.3	5.1	2.4	50	0.6	5.2	2.6	43	2.36
1065994	Drill Core	3.25	0.023	0.6	57.8	5.7	81	0.3	7.8	9.7	927	3.45	171.8	21.8	3.1	38	0.3	9.2	1.3	51	1.62
1065995	Drill Core	2.51	0.160	1.2	87.4	15.9	108	0.5	8.5	7.7	953	2.75	742.5	135.1	4.0	50	1.0	16.6	2.0	37	2.31

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Project: Charlotte Project
Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11000891.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
1065966	Drill Core	0.073	7	17	0.56	38	0.054	<1	0.58	0.052	0.09	0.5	<0.01	4.6	<0.1	2.35	3	1.5	0.3		
1065967	Drill Core	0.068	8	12	0.67	19	0.014	2	0.58	0.042	0.15	0.9	0.02	6.7	0.2	3.71	2	1.5	2.3		
1065968	Drill Core	0.079	3	5	0.32	28	<0.001	1	0.24	0.002	0.17	0.1	0.06	2.9	0.5	5.66	<1	2.1	1.2		
1065969	Drill Core	0.044	4	3	0.32	50	<0.001	4	0.28	0.004	0.19	0.2	0.06	2.3	0.6	2.63	<1	1.1	<0.2		
1065970	Drill Core	0.061	9	4	0.43	19	<0.001	3	0.38	0.004	0.14	0.2	0.04	10.2	0.4	2.99	<1	1.6	0.3		
1065971	Drill Core	0.067	10	8	0.69	35	0.088	<1	0.86	0.049	0.38	0.5	<0.01	9.2	0.2	1.90	4	1.4	<0.2		
1065972	Drill Core	0.067	5	4	0.47	14	<0.001	3	0.32	0.003	0.20	0.3	0.09	5.9	0.7	3.85	<1	2.0	<0.2		
1065973	Drill Core	0.068	5	3	0.41	44	<0.001	4	0.34	0.003	0.23	0.2	0.10	2.8	1.0	3.13	<1	1.7	0.3		
1065974	Drill Core	0.067	8	6	0.51	29	<0.001	2	0.47	0.003	0.12	0.1	0.05	11.7	0.3	2.34	1	1.4	0.4		
1065975	Rock	0.014	<1	2	10.43	9	<0.001	<1	0.02	0.001	0.01	<0.1	<0.01	0.2	<0.1	0.05	<1	<0.5	<0.2		
1065976	Drill Core	0.085	10	12	0.50	30	0.033	2	0.54	0.023	0.13	1.2	0.01	8.2	0.1	2.08	2	2.0	0.3		
1065977	Drill Core	0.093	10	12	0.67	70	0.099	<1	0.64	0.051	0.17	0.1	<0.01	7.5	<0.1	1.67	3	1.6	0.3		
1065978	Drill Core	0.083	4	3	0.64	43	<0.001	3	0.34	0.005	0.21	0.3	0.03	5.4	0.4	2.58	<1	1.5	0.2		
1065979	Drill Core	0.050	3	2	0.55	24	<0.001	3	0.35	0.003	0.21	0.2	0.05	3.5	0.5	2.70	<1	1.4	1.5		
1065980	Drill Core	0.081	4	4	0.51	19	<0.001	4	0.35	0.003	0.22	0.2	1.19	4.8	17.9	3.98	<1	1.7	0.4		
1065981	Drill Core	0.070	3	2	0.51	30	<0.001	3	0.31	0.003	0.21	0.2	0.30	3.2	3.4	3.41	<1	1.5	0.5		
1065982	Drill Core	0.075	4	3	0.39	25	<0.001	4	0.32	0.003	0.22	0.2	0.53	3.1	7.7	4.35	<1	2.2	0.7		
1065983	Drill Core	0.069	3	2	0.27	26	<0.001	3	0.27	0.002	0.18	0.2	0.11	2.6	1.0	3.54	<1	1.0	0.5		
1065984	Drill Core	0.056	4	3	0.42	27	<0.001	3	0.28	0.002	0.19	0.2	1.60	3.0	22.1	3.52	<1	1.3	<0.2		
1065985	Rock Pulp	0.056	7	22	0.69	119	0.135	3	1.55	0.156	0.20	4.4	0.48	2.8	0.2	0.18	4	4.9	2.3	166	11.9
1065986	Drill Core	0.058	4	2	0.11	20	<0.001	3	0.28	0.002	0.21	0.3	0.13	2.1	1.6	3.96	<1	2.1	<0.2		
1065987	Drill Core	0.078	4	2	0.40	49	<0.001	4	0.33	0.003	0.24	0.1	0.03	3.6	0.6	3.38	<1	1.4	0.2		
1065988	Drill Core	0.057	5	1	0.71	35	<0.001	2	0.30	0.003	0.23	0.1	0.12	2.9	1.4	2.85	<1	0.9	<0.2		
1065989	Drill Core	0.069	9	1	0.90	32	<0.001	4	0.32	0.003	0.26	0.1	0.09	2.8	1.2	2.60	<1	<0.5	<0.2		
1065990	Drill Core	0.065	7	24	0.78	15	0.002	3	0.56	0.004	0.20	0.3	0.08	5.7	0.8	3.61	1	1.7	0.6		
1065991	Drill Core	0.061	10	9	0.59	38	0.056	1	0.86	0.038	0.18	0.2	<0.01	7.0	0.1	1.75	4	1.7	0.4		
1065992	Drill Core	0.075	12	8	0.40	46	0.008	<1	0.76	0.018	0.11	0.1	0.01	9.7	<0.1	2.00	2	1.7	<0.2		
1065993	Drill Core	0.082	8	10	0.50	16	0.043	<1	0.78	0.031	0.06	0.6	<0.01	8.0	<0.1	3.59	3	1.7	0.4		
1065994	Drill Core	0.076	10	6	0.78	54	0.044	<1	1.17	0.015	0.24	0.1	0.01	10.6	0.2	1.64	4	1.0	<0.2		
1065995	Drill Core	0.083	10	5	0.67	27	0.001	<1	0.48	0.003	0.08	<0.1	0.06	11.5	0.3	1.83	1	0.9	0.3		

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Project: Charlotte Project
Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11000891.1

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
1065996	Rock	0.98	<0.005	<0.1	2.3	1.1	12	<0.1	1.6	0.5	200	0.43	1.0	4.9	<0.1	41	<0.1	<0.1	1.3	<2	16.21
1065997	Drill Core	2.31	0.075	0.2	46.0	178.5	223	2.4	3.7	3.7	578	1.93	326.5	69.6	6.0	33	3.8	12.0	0.9	10	1.41
1065998	Drill Core	1.62	0.027	1.7	19.3	19.5	63	0.2	0.4	0.8	125	0.51	73.8	29.0	9.0	16	0.6	5.2	0.4	<2	0.68
1065999	Drill Core	2.88	0.017	2.2	112.8	8.7	42	0.2	8.5	6.5	486	2.53	59.9	21.2	5.6	58	0.2	4.9	2.6	27	1.59
1066000	Drill Core	3.34	<0.005	0.7	35.8	17.3	48	0.6	5.6	4.2	354	2.81	11.7	7.2	3.8	32	0.3	4.6	2.5	23	1.07
1066001	Drill Core	3.41	0.451	0.6	393.6	1825	2727	17.0	6.7	5.5	466	3.26	2497	365.9	2.9	26	48.9	524.4	2.1	24	1.07
1066002	Drill Core	3.36	0.047	0.6	47.6	6.7	35	0.3	8.3	6.2	459	2.09	112.2	55.2	3.4	51	0.1	5.7	1.0	28	1.73
1066003	Drill Core	3.33	0.034	0.9	54.3	11.3	47	0.3	11.3	8.8	581	2.92	120.9	33.4	3.2	49	0.2	5.9	0.7	46	1.82
1066004	Drill Core	3.05	0.781	0.6	37.3	500.0	311	12.1	5.7	5.6	589	3.71	906.1	466.5	3.5	39	5.1	22.9	0.8	6	1.74
1066005	Drill Core	3.19	<0.005	1.0	47.9	5.1	38	0.1	8.3	7.0	425	2.59	8.1	4.2	3.2	25	0.2	3.0	0.6	46	1.34
1066006	Drill Core	3.10	<0.005	0.7	58.1	6.5	46	0.1	11.4	9.2	565	4.04	12.3	4.1	3.5	34	<0.1	2.7	0.7	58	1.84
1066007	Drill Core	0.76	0.015	0.5	50.4	13.4	104	0.3	13.5	11.2	620	3.38	100.0	25.6	2.5	19	1.0	2.9	0.1	104	0.92
1066008	Drill Core	1.18	<0.005	1.5	51.8	3.1	39	0.1	6.1	7.7	462	2.72	27.8	4.2	3.0	19	0.1	0.9	0.4	55	1.01
1066009	Rock Pulp	0.14	0.380	9.7	141.2	8.3	50	0.2	26.8	34.6	471	3.24	1352	341.9	3.2	77	0.2	2.0	4.2	79	1.29
1066010	Drill Core	2.36	<0.005	6.6	58.9	4.2	33	0.1	13.5	6.5	393	2.37	62.0	3.2	4.2	35	0.1	2.7	0.3	36	1.35
1066011	Drill Core	3.14	1.088	1.0	63.4	359.1	767	6.3	7.1	6.1	848	2.43	1501	519.3	4.1	38	13.0	36.7	0.3	24	1.70
1066012	Drill Core	3.12	<0.005	4.1	73.7	6.0	33	0.2	15.8	5.8	346	2.40	25.3	3.3	4.7	33	0.2	2.2	1.5	37	1.37
1066013	Drill Core	2.78	0.601	3.2	55.3	192.2	304	2.0	10.6	5.8	770	2.37	2106	253.4	5.6	31	4.6	19.1	0.5	19	1.57
1066014	Drill Core	2.65	<0.005	1.0	52.6	15.5	90	0.1	10.5	4.8	211	2.00	18.2	15.4	4.9	30	0.6	2.3	0.7	21	1.08
1066015	Drill Core	2.22	0.049	6.6	80.4	86.4	223	0.6	12.7	6.1	950	2.51	581.5	63.6	5.0	44	1.7	20.6	0.5	22	1.87
1066016	Drill Core	1.15	0.063	5.0	68.9	120.8	311	0.5	11.9	5.8	760	2.22	474.6	75.3	4.1	32	2.4	17.1	0.3	19	1.39
1066017	Drill Core	3.29	<0.005	0.9	48.7	138.1	329	0.1	7.0	6.8	465	2.55	7.4	8.0	5.1	38	2.5	1.3	0.4	28	1.44
1066018	Drill Core	3.19	<0.005	1.5	93.9	68.2	184	0.2	7.9	6.2	328	2.41	2.7	5.1	4.5	18	1.4	0.9	0.7	38	0.96
1066019	Drill Core	4.29	0.052	0.7	81.0	430.9	1114	2.5	7.7	7.7	1366	2.89	392.1	69.2	3.4	21	12.5	9.3	0.4	23	1.23
1066020	Drill Core	2.39	<0.005	0.7	72.6	3.6	60	0.1	9.6	9.8	678	3.82	6.5	7.8	2.3	19	<0.1	1.2	0.4	70	1.06
1066021	Drill Core	3.05	<0.005	0.4	84.3	4.1	29	0.1	3.4	4.3	260	1.87	2.7	3.3	3.4	14	0.1	0.2	0.3	21	1.03
1066022	Drill Core	3.55	<0.005	0.4	78.5	6.7	23	0.2	4.6	6.6	228	2.34	2.6	3.6	4.5	21	0.1	0.2	1.7	21	1.10
1066023	Drill Core	3.12	<0.005	0.7	66.1	3.6	34	<0.1	10.1	9.1	357	2.55	1.4	2.4	2.7	10	<0.1	0.1	0.4	64	0.60
1066024	Drill Core	3.76	<0.005	0.4	132.9	5.9	16	0.1	5.5	11.0	250	3.07	1.0	2.8	1.6	18	<0.1	0.1	1.6	30	0.87
1066025	Drill Core	2.98	<0.005	0.7	81.5	6.3	24	0.1	5.4	10.2	244	2.86	1.4	2.0	3.2	20	0.1	0.2	1.9	35	1.08

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1065996	Rock	0.015	<1	<1	10.78	13	<0.001	<1	0.02	0.002	0.01	<0.1	<0.01	0.2	<0.1	0.06	<1	<0.5	<0.2		
1065997	Drill Core	0.036	13	2	0.45	24	<0.001	1	0.44	0.003	0.12	<0.1	0.02	4.8	0.1	1.36	1	0.7	<0.2		
1065998	Drill Core	0.005	6	<1	0.22	29	<0.001	1	0.31	0.004	0.14	0.1	0.01	0.5	0.1	0.28	<1	<0.5	<0.2		
1065999	Drill Core	0.049	16	15	0.67	66	0.032	1	0.71	0.046	0.17	0.7	<0.01	8.9	0.2	1.52	3	1.2	0.7		
1066000	Drill Core	0.060	12	4	0.86	25	0.050	2	0.85	0.027	0.34	0.8	<0.01	6.8	0.2	2.16	4	1.0	1.3		
1066001	Drill Core	0.050	7	4	0.62	33	0.023	2	0.72	0.012	0.30	0.2	0.04	5.3	0.2	2.72	3	1.3	1.0		
1066002	Drill Core	0.048	10	5	0.63	70	0.008	1	0.57	0.013	0.15	1.1	0.01	7.0	0.1	1.23	2	1.0	0.3		
1066003	Drill Core	0.057	9	6	0.83	63	0.031	2	0.78	0.017	0.30	0.4	<0.01	8.1	0.1	1.55	3	1.2	<0.2		
1066004	Drill Core	0.037	5	2	0.54	45	0.001	1	0.46	0.004	0.18	0.3	<0.01	2.2	0.1	3.47	1	2.4	<0.2		
1066005	Drill Core	0.056	12	6	0.83	69	0.064	1	1.03	0.034	0.25	0.4	0.01	6.4	<0.1	1.44	4	1.7	<0.2		
1066006	Drill Core	0.046	11	8	1.02	49	0.072	1	1.42	0.026	0.44	2.0	<0.01	7.1	0.2	2.46	5	2.7	<0.2		
1066007	Drill Core	0.061	10	15	1.52	167	0.150	2	1.81	0.041	0.59	<0.1	<0.01	9.8	0.3	0.52	6	1.6	<0.2		
1066008	Drill Core	0.075	10	6	0.86	97	0.125	<1	0.97	0.051	0.27	1.9	<0.01	6.2	0.3	1.06	4	1.8	<0.2		
1066009	Rock Pulp	0.056	7	44	0.76	123	0.117	3	1.60	0.168	0.25	0.3	<0.01	2.4	<0.1	0.13	5	2.2	0.6		
1066010	Drill Core	0.059	12	9	0.56	89	0.053	1	0.95	0.085	0.09	0.3	<0.01	5.9	0.6	1.07	3	1.8	<0.2		
1066011	Drill Core	0.068	9	3	0.56	59	0.015	2	0.67	0.022	0.11	<0.1	0.06	6.4	0.4	1.24	2	1.4	<0.2		
1066012	Drill Core	0.057	12	15	0.60	93	0.069	1	1.19	0.094	0.11	0.6	<0.01	6.0	0.1	1.06	4	1.6	<0.2		
1066013	Drill Core	0.040	9	5	0.46	53	<0.001	2	0.40	0.003	0.09	<0.1	0.06	7.2	0.4	1.39	1	1.6	<0.2		
1066014	Drill Core	0.041	12	6	0.43	81	0.058	2	0.82	0.088	0.09	1.1	<0.01	4.3	0.1	1.32	3	1.7	<0.2		
1066015	Drill Core	0.063	11	4	0.52	50	0.002	<1	0.64	0.007	0.10	<0.1	0.08	8.0	0.9	1.10	2	1.7	<0.2		
1066016	Drill Core	0.057	9	5	0.43	61	0.001	2	0.70	0.009	0.12	<0.1	0.07	6.4	0.6	1.04	2	1.6	<0.2		
1066017	Drill Core	0.049	12	6	0.62	99	0.069	2	1.17	0.109	0.08	0.1	0.02	5.8	0.1	1.05	4	1.8	<0.2		
1066018	Drill Core	0.053	11	6	0.69	93	0.106	1	1.06	0.083	0.09	0.6	<0.01	4.7	0.1	1.22	4	2.1	<0.2		
1066019	Drill Core	0.048	9	5	0.59	68	0.046	2	0.72	0.029	0.12	0.5	0.03	3.9	0.3	2.07	3	1.5	<0.2		
1066020	Drill Core	0.094	11	7	1.37	109	0.205	<1	1.81	0.071	0.93	0.4	<0.01	12.2	0.4	1.11	7	1.6	<0.2		
1066021	Drill Core	0.035	10	4	0.46	104	0.082	<1	0.73	0.051	0.17	0.9	<0.01	4.4	0.1	0.87	3	1.2	<0.2		
1066022	Drill Core	0.040	11	4	0.37	38	0.085	<1	0.68	0.074	0.08	0.7	<0.01	3.0	<0.1	1.76	3	1.7	<0.2		
1066023	Drill Core	0.046	9	10	0.84	110	0.162	<1	1.15	0.061	0.34	0.3	<0.01	5.9	0.1	0.88	4	1.1	<0.2		
1066024	Drill Core	0.048	6	3	0.40	39	0.071	1	0.88	0.085	0.08	2.2	<0.01	2.8	<0.1	2.06	3	1.7	<0.2		
1066025	Drill Core	0.055	10	5	0.63	50	0.104	1	1.07	0.075	0.11	4.9	<0.01	4.1	<0.1	2.03	4	1.7	0.2		

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Project: Charlotte Project
Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11000891.1

	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
1066026	Drill Core	2.55	0.010	16.8	123.4	75.4	209	0.7	12.7	7.0	566	2.71	127.6	9.6	3.2	28	1.7	7.3	1.5	48	1.83
1066027	Drill Core	3.52	<0.005	0.5	77.0	4.2	43	0.1	9.0	5.6	195	2.16	3.9	1.4	3.6	8	0.4	0.6	1.2	24	0.57
1066028	Rock	1.21	<0.005	<0.1	1.1	1.0	12	<0.1	0.5	0.6	202	0.41	<0.5	<0.5	<0.1	35	<0.1	<0.1	<0.1	<2	17.00
1066029	Drill Core	2.12	0.022	0.5	14.0	8.6	726	0.2	10.5	19.2	2215	4.24	114.3	21.6	1.6	20	18.7	8.6	<0.1	113	0.36
1066030	Drill Core	3.94	0.021	0.2	26.9	28.4	532	<0.1	12.4	23.1	1718	4.70	160.4	24.1	1.0	75	4.1	7.9	<0.1	116	0.41
1066031	Drill Core	5.93	0.028	0.2	29.5	2.5	215	<0.1	15.7	12.9	530	3.42	26.8	20.4	0.8	16	0.6	1.7	0.1	123	0.88
1066032	Drill Core	4.58	0.009	0.2	55.7	3.8	201	<0.1	11.3	15.6	687	3.49	40.5	13.5	1.7	8	1.8	2.4	0.2	118	0.48
1066033	Drill Core	5.18	0.011	0.3	30.9	2.9	142	<0.1	16.0	12.7	613	2.83	29.2	12.8	1.1	9	0.6	1.6	0.1	106	0.59
1066034	Drill Core	5.02	0.013	2.1	69.0	2.4	167	<0.1	20.0	17.7	639	3.70	18.7	25.5	0.8	8	1.2	1.3	0.2	132	0.70
1066035	Drill Core	4.01	0.009	1.6	42.3	3.5	205	<0.1	14.6	19.0	672	3.28	27.8	9.5	0.9	11	2.8	1.8	0.1	115	0.67
1066036	Drill Core	4.10	<0.005	1.5	56.4	1.5	52	<0.1	13.7	22.7	450	3.95	3.2	3.6	0.9	5	0.1	0.3	0.3	146	0.65
1066037	Drill Core	6.00	0.014	0.8	140.8	2.8	149	0.1	15.5	29.8	735	5.06	18.8	16.2	1.1	6	0.8	1.4	14.3	169	0.44
1066038	Rock Pulp	0.14	>10	7.2	126.9	16.5	56	>100	14.3	10.9	541	3.33	225.3	12758	2.9	65	0.4	8.4	15.1	62	1.49
1066039	Drill Core	4.65	0.093	1.0	141.0	2.5	113	0.1	15.9	24.6	736	4.37	23.8	118.7	0.9	7	1.2	1.2	1.9	149	0.62
1066040	Drill Core	3.49	0.017	1.4	144.8	1.8	81	<0.1	11.4	23.0	615	4.41	6.6	20.7	1.0	9	0.3	0.6	0.9	201	0.46
1066041	Drill Core	4.47	0.010	0.6	44.4	2.1	285	<0.1	16.3	25.4	1213	5.28	46.2	12.4	1.1	7	3.0	2.7	0.8	223	0.33
1066042	Drill Core	5.14	<0.005	0.1	25.4	4.9	157	<0.1	1.8	5.7	323	1.30	31.8	4.8	1.0	15	2.7	2.5	0.7	11	0.07
1066043	Drill Core	5.44	<0.005	0.2	43.1	5.8	161	<0.1	3.0	5.4	255	1.37	89.2	5.3	1.3	14	1.9	9.1	0.5	21	0.11
1066044	Drill Core	5.37	0.038	1.0	43.2	2.5	310	<0.1	14.2	25.0	1390	4.73	49.1	40.4	0.9	12	4.8	3.0	1.4	160	0.65
1066045	Drill Core	4.80	0.024	3.0	67.6	8.2	512	<0.1	19.9	39.2	2380	6.02	64.7	15.8	1.0	20	5.4	6.4	2.1	177	0.75
1066046	Drill Core	5.62	<0.005	0.5	45.1	4.8	453	<0.1	12.3	25.4	1316	4.56	67.3	5.9	1.0	15	5.5	6.4	0.8	181	0.44
1066047	Drill Core	5.75	<0.005	0.2	56.4	4.0	1177	<0.1	18.1	36.8	2478	6.50	190.9	5.8	1.0	14	10.3	13.9	0.6	197	0.42
1066048	Drill Core	2.57	<0.005	0.2	65.9	4.7	1272	<0.1	18.3	36.9	2401	6.63	199.1	5.2	1.1	15	10.9	16.1	0.6	208	0.49
1066049	Drill Core	2.38	0.034	0.6	195.9	34.4	3441	0.8	23.7	40.2	1605	8.81	1316	39.6	1.1	9	31.7	142.3	1.6	144	0.16
1066050	Drill Core	2.48	0.332	0.5	108.2	217.6	706	6.7	5.5	9.7	371	3.97	1316	310.5	1.1	33	26.2	115.7	0.3	15	0.25

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Project: Charlotte Project
Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11000891.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1066026	Drill Core	0.056	11	11	0.70	63	0.062	2	0.86	0.050	0.11	2.2	0.01	6.1	0.3	1.10	3	2.3	0.2		
1066027	Drill Core	0.042	11	5	0.42	53	0.099	<1	0.65	0.048	0.10	1.6	<0.01	3.5	0.1	1.48	3	1.6	<0.2		
1066028	Rock	0.013	<1	<1	10.91	11	<0.001	<1	0.02	0.002	0.01	<0.1	<0.01	<0.1	<0.1	0.05	<1	<0.5	<0.2		
1066029	Drill Core	0.013	4	16	0.85	245	0.088	<1	1.78	0.081	0.54	0.7	<0.01	8.2	1.1	<0.05	5	<0.5	<0.2		
1066030	Drill Core	0.020	4	14	1.41	482	0.081	<1	2.61	0.037	0.69	0.6	<0.01	8.5	0.5	<0.05	6	<0.5	<0.2		
1066031	Drill Core	0.049	3	47	1.44	62	0.127	<1	1.73	0.114	0.42	5.2	<0.01	8.0	0.2	<0.05	6	0.7	<0.2		
1066032	Drill Core	0.049	7	23	0.96	94	0.129	<1	1.30	0.078	0.32	0.3	<0.01	9.1	0.2	0.25	5	1.0	<0.2		
1066033	Drill Core	0.044	4	60	1.25	119	0.136	<1	1.41	0.086	0.39	0.3	<0.01	6.9	0.2	0.10	6	0.6	<0.2		
1066034	Drill Core	0.042	3	52	1.68	112	0.159	<1	1.82	0.118	0.66	0.3	<0.01	8.0	0.2	0.56	7	0.7	<0.2		
1066035	Drill Core	0.040	3	21	1.42	94	0.110	<1	1.77	0.153	0.51	0.1	<0.01	8.4	0.2	0.28	6	0.5	<0.2		
1066036	Drill Core	0.044	4	16	1.61	120	0.139	<1	1.84	0.143	0.81	<0.1	<0.01	8.0	0.3	0.54	6	1.9	<0.2		
1066037	Drill Core	0.054	5	10	1.53	57	0.133	<1	1.83	0.103	0.46	0.2	<0.01	10.1	0.3	1.35	7	1.8	7.3		
1066038	Rock Pulp	0.049	7	23	0.70	101	0.124	4	1.53	0.151	0.20	4.0	0.42	2.3	<0.1	0.19	4	4.8	2.1	168	11.4
1066039	Drill Core	0.048	4	12	1.28	44	0.126	<1	1.70	0.120	0.36	0.3	<0.01	8.0	0.3	1.34	7	1.4	0.7		
1066040	Drill Core	0.050	4	11	1.76	122	0.188	<1	2.07	0.101	0.86	0.2	<0.01	11.1	0.4	0.86	9	1.0	0.3		
1066041	Drill Core	0.050	6	16	1.98	229	0.206	<1	2.49	0.073	1.42	0.3	<0.01	13.1	0.7	0.58	10	0.9	0.2		
1066042	Drill Core	0.011	3	3	0.17	64	0.004	<1	0.42	0.086	0.08	<0.1	<0.01	1.0	<0.1	0.36	2	<0.5	0.3		
1066043	Drill Core	0.021	4	5	0.25	85	0.014	<1	0.61	0.086	0.12	<0.1	<0.01	2.0	<0.1	0.28	2	<0.5	0.2		
1066044	Drill Core	0.043	4	12	1.37	117	0.106	<1	1.82	0.145	0.64	<0.1	<0.01	11.0	0.3	1.30	7	0.8	<0.2		
1066045	Drill Core	0.048	5	14	1.35	90	0.051	<1	1.69	0.118	0.40	<0.1	0.02	15.1	0.4	1.45	8	1.4	0.4		
1066046	Drill Core	0.058	4	11	1.56	223	0.090	<1	1.68	0.091	0.71	<0.1	<0.01	14.1	0.7	0.57	7	1.3	<0.2		
1066047	Drill Core	0.042	5	15	1.95	208	0.069	<1	2.07	0.055	0.64	<0.1	<0.01	16.6	0.8	0.41	9	0.5	<0.2		
1066048	Drill Core	0.045	5	15	1.98	172	0.067	1	2.24	0.087	0.54	<0.1	<0.01	17.4	0.9	0.47	9	0.7	<0.2		
1066049	Drill Core	0.055	5	14	0.50	101	0.002	1	2.04	0.005	0.13	0.2	0.08	20.1	0.4	1.22	5	2.7	0.3		
1066050	Drill Core	0.040	3	2	0.11	63	<0.001	3	0.48	0.004	0.32	0.2	0.14	5.1	1.5	2.03	1	0.8	<0.2		

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Project: Charlotte Project
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QUALITY CONTROL REPORT WHI11000891.1

	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																					
1065944	Drill Core	6.08	0.007	1.2	44.6	6.6	55	<0.1	12.6	9.7	573	3.80	15.3	2.8	1.9	46	0.1	4.9	1.9	54	1.97
REP 1065944	QC		<0.005																		
1065948	Drill Core	3.99	<0.005	7.4	65.1	9.7	84	0.1	24.1	9.2	649	3.12	16.6	<0.5	2.9	34	0.2	9.8	1.1	30	1.80
REP 1065948	QC			6.9	66.0	9.4	83	0.1	23.8	8.9	650	3.08	17.1	<0.5	2.9	34	0.3	9.6	1.2	30	1.82
1065960	Drill Core	4.52	0.013	1.5	27.6	7.7	64	0.2	26.2	8.2	1063	2.96	97.8	5.9	1.8	34	0.3	6.3	0.5	7	1.73
REP 1065960	QC			1.6	28.5	7.8	64	0.2	27.4	8.4	1110	3.09	99.3	6.0	1.8	36	0.2	6.7	0.5	7	1.79
1065977	Drill Core	2.82	<0.005	1.6	58.2	3.8	41	<0.1	13.9	9.5	553	2.81	4.5	1.0	2.9	41	0.2	0.9	0.8	57	1.60
REP 1065977	QC			1.3	53.4	3.3	38	<0.1	11.5	8.6	507	2.55	3.8	0.9	2.5	35	<0.1	0.7	0.7	51	1.43
1065997	Drill Core	2.31	0.075	0.2	46.0	178.5	223	2.4	3.7	3.7	578	1.93	326.5	69.6	6.0	33	3.8	12.0	0.9	10	1.41
REP 1065997	QC			0.2	49.7	186.4	235	2.4	3.8	3.9	619	1.97	325.3	68.5	6.2	34	4.0	11.4	0.9	9	1.53
1066010	Drill Core	2.36	<0.005	6.6	58.9	4.2	33	0.1	13.5	6.5	393	2.37	62.0	3.2	4.2	35	0.1	2.7	0.3	36	1.35
REP 1066010	QC			6.2	57.6	4.7	35	0.1	13.8	6.5	396	2.37	62.3	3.4	4.2	34	0.2	2.6	0.3	36	1.34
1066018	Drill Core	3.19	<0.005	1.5	93.9	68.2	184	0.2	7.9	6.2	328	2.41	2.7	5.1	4.5	18	1.4	0.9	0.7	38	0.96
REP 1066018	QC		<0.005																		
1066027	Drill Core	3.52	<0.005	0.5	77.0	4.2	43	0.1	9.0	5.6	195	2.16	3.9	1.4	3.6	8	0.4	0.6	1.2	24	0.57
REP 1066027	QC			0.6	85.9	4.7	46	0.1	9.8	6.1	221	2.53	4.8	0.8	3.8	9	0.5	0.6	1.3	27	0.60
1066037	Drill Core	6.00	0.014	0.8	140.8	2.8	149	0.1	15.5	29.8	735	5.06	18.8	16.2	1.1	6	0.8	1.4	14.3	169	0.44
REP 1066037	QC			0.7	147.6	2.8	150	0.1	16.4	31.0	761	5.12	19.8	24.2	1.1	6	0.8	1.4	14.0	171	0.45
Core Reject Duplicates																					
1065958	Drill Core	5.51	0.065	7.6	11.6	51.5	819	0.5	12.7	9.0	1086	7.85	160.0	62.2	1.9	32	5.8	6.9	1.0	8	1.52
DUP 1065958	QC		0.059	7.0	11.5	45.5	699	0.5	12.5	8.5	1084	6.99	128.0	61.6	2.1	31	4.9	7.0	0.9	6	1.52
1065993	Drill Core	3.31	<0.005	0.9	176.7	20.6	69	0.3	9.6	10.7	778	4.28	16.3	5.1	2.4	50	0.6	5.2	2.6	43	2.36
DUP 1065993	QC		0.005	1.1	182.2	22.2	73	0.3	9.8	10.9	834	4.38	14.7	4.9	2.5	55	0.6	6.0	2.9	44	2.50
1066028	Rock	1.21	<0.005	<0.1	1.1	1.0	12	<0.1	0.5	0.6	202	0.41	<0.5	<0.5	<0.1	35	<0.1	<0.1	<0.1	<2	17.00
DUP 1066028	QC		<0.005	<0.1	1.0	1.0	13	<0.1	1.3	0.6	190	0.38	0.9	0.7	<0.1	31	<0.1	0.1	<0.1	<2	15.85
Reference Materials																					
STD AGPROOF	Standard																				
STD AGPROOF	Standard																				

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

Project: Charlotte Project
Report Date: September 16, 2011

QUALITY CONTROL REPORT WHI11000891.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
Pulp Duplicates																					
1065944	Drill Core	0.059	9	10	0.82	38	0.033	<1	0.91	0.028	0.23	1.5	<0.01	7.2	0.1	2.88	3	1.7	0.3		
REP 1065944	QC																				
1065948	Drill Core	0.055	8	23	0.56	24	<0.001	<1	0.40	0.003	0.08	0.3	0.08	9.2	0.1	2.82	<1	2.5	0.3		
REP 1065948	QC	0.054	8	23	0.56	22	<0.001	<1	0.37	0.003	0.07	0.3	0.09	8.7	0.2	2.87	1	2.3	0.5		
1065960	Drill Core	0.041	3	6	0.59	33	<0.001	1	0.23	0.003	0.17	0.2	0.01	2.2	0.2	2.82	<1	1.5	<0.2		
REP 1065960	QC	0.045	3	5	0.61	34	<0.001	2	0.23	0.003	0.16	0.1	<0.01	2.4	0.3	2.92	<1	2.1	0.3		
1065977	Drill Core	0.093	10	12	0.67	70	0.099	<1	0.64	0.051	0.17	0.1	<0.01	7.5	<0.1	1.67	3	1.6	0.3		
REP 1065977	QC	0.082	9	9	0.59	54	0.079	<1	0.56	0.045	0.15	0.1	<0.01	6.8	<0.1	1.49	3	1.8	0.2		
1065997	Drill Core	0.036	13	2	0.45	24	<0.001	1	0.44	0.003	0.12	<0.1	0.02	4.8	0.1	1.36	1	0.7	<0.2		
REP 1065997	QC	0.037	13	2	0.51	24	<0.001	<1	0.41	0.003	0.12	<0.1	0.02	5.0	0.2	1.38	<1	0.9	0.2		
1066010	Drill Core	0.059	12	9	0.56	89	0.053	1	0.95	0.085	0.09	0.3	<0.01	5.9	0.6	1.07	3	1.8	<0.2		
REP 1066010	QC	0.056	11	9	0.56	85	0.050	2	0.94	0.084	0.09	0.3	<0.01	6.0	0.7	1.06	3	1.8	<0.2		
1066018	Drill Core	0.053	11	6	0.69	93	0.106	1	1.06	0.083	0.09	0.6	<0.01	4.7	0.1	1.22	4	2.1	<0.2		
REP 1066018	QC																				
1066027	Drill Core	0.042	11	5	0.42	53	0.099	<1	0.65	0.048	0.10	1.6	<0.01	3.5	0.1	1.48	3	1.6	<0.2		
REP 1066027	QC	0.045	12	6	0.45	55	0.107	1	0.68	0.049	0.10	1.8	<0.01	3.9	0.1	1.64	3	1.7	<0.2		
1066037	Drill Core	0.054	5	10	1.53	57	0.133	<1	1.83	0.103	0.46	0.2	<0.01	10.1	0.3	1.35	7	1.8	7.3		
REP 1066037	QC	0.052	5	11	1.56	56	0.142	<1	1.91	0.109	0.47	0.2	<0.01	10.6	0.3	1.38	7	2.0	6.8		
Core Reject Duplicates																					
1065958	Drill Core	0.040	3	6	0.59	10	<0.001	1	0.33	0.004	0.17	0.3	0.05	2.4	0.2	7.74	<1	6.2	0.4		
DUP 1065958	QC	0.044	3	5	0.58	12	<0.001	1	0.27	0.004	0.14	0.2	0.04	2.3	0.2	7.06	<1	6.3	0.3		
1065993	Drill Core	0.082	8	10	0.50	16	0.043	<1	0.78	0.031	0.06	0.6	<0.01	8.0	<0.1	3.59	3	1.7	0.4		
DUP 1065993	QC	0.082	9	10	0.52	18	0.048	<1	0.85	0.035	0.06	0.6	<0.01	8.4	<0.1	3.66	3	1.8	0.4		
1066028	Rock	0.013	<1	<1	10.91	11	<0.001	<1	0.02	0.002	0.01	<0.1	<0.01	<0.1	<0.1	0.05	<1	<0.5	<0.2		
DUP 1066028	QC	0.013	<1	<1	10.23	12	0.002	<1	0.04	0.002	0.02	<0.1	<0.01	0.1	<0.1	0.06	<1	<0.5	<0.2		
Reference Materials																					
STD AGPROOF	Standard																			96	<0.9
STD AGPROOF	Standard																			100	<0.9

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 16, 2011

QUALITY CONTROL REPORT WHI11000891.1

		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 CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			12.6	106.4	112.2	306	1.7	36.1	7.4	599	2.41	25.6	116.3	6.2	61	2.3	5.2	6.3	40	0.68
STD DS8	Standard			10.9	103.6	127.9	300	2.0	35.4	7.1	556	2.32	23.4	110.4	6.1	57	2.1	5.2	6.9	39	0.63
STD DS8	Standard			12.3	107.6	116.1	290	1.6	36.0	7.3	557	2.32	23.4	108.0	6.5	60	2.3	5.1	6.1	40	0.68
STD DS8	Standard			12.5	121.7	121.5	303	1.6	36.0	7.2	568	2.31	27.4	101.8	7.9	68	2.6	5.7	7.8	40	0.69
STD DS8	Standard			12.8	118.6	121.0	313	1.8	40.2	7.8	619	2.53	25.8	132.1	6.6	63	2.2	6.0	6.8	43	0.70
STD OXH82	Standard		1.279																		
STD OXH82	Standard		1.309																		
STD OXH82	Standard		1.351																		
STD OXH82	Standard		1.267																		
STD OXH82	Standard		1.343																		
STD OXK79	Standard		3.559																		
STD OXK79	Standard		3.741																		
STD OXK79	Standard		3.732																		
STD OXK79	Standard		3.521																		
STD OXK79 Expected			3.532																		
STD OXH82 Expected			1.278																		
STD CDN-ME-3 Expected																					
STD AGPROOF Expected																					
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
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																		
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Project: Charlotte Project
Report Date: September 16, 2011

QUALITY CONTROL REPORT WHI11000891.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
STD CDN-ME-3	Standard																			264	10.0
STD CDN-ME-3	Standard																			280	10.2
STD DS8	Standard	0.076	13	117	0.60	265	0.109	3	0.88	0.082	0.41	3.1	0.20	2.1	5.3	0.16	5	5.1	4.6		
STD DS8	Standard	0.075	11	109	0.57	236	0.096	2	0.81	0.073	0.39	2.7	0.22	1.8	5.2	0.17	4	4.8	4.4		
STD DS8	Standard	0.070	14	107	0.58	246	0.113	2	0.87	0.080	0.39	2.7	0.20	2.0	5.1	0.16	4	5.4	4.5		
STD DS8	Standard	0.088	16	109	0.59	278	0.133	2	0.90	0.084	0.41	2.8	0.20	2.5	5.2	0.15	4	4.2	4.6		
STD DS8	Standard	0.078	14	117	0.61	269	0.118	2	0.89	0.085	0.42	3.0	0.21	2.1	5.3	0.17	4	5.3	5.0		
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 Expected																					
STD OXH82 Expected																					
STD CDN-ME-3 Expected																				276	9.77
STD AGPROOF Expected																				94	0
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		
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																				
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Project: Charlotte Project
Report Date: September 16, 2011

QUALITY CONTROL REPORT WHI11000891.1

		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
BLK	Blank		<0.005																		
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
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			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank		<0.005	0.1	2.9	2.8	41	<0.1	2.4	3.3	484	1.74	<0.5	<0.5	4.7	56	<0.1	0.1	0.1	33	0.39
G1	Prep Blank		<0.005	0.1	2.1	3.1	44	<0.1	3.3	4.0	544	1.99	<0.5	<0.5	4.5	70	<0.1	<0.1	<0.1	38	0.48

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Project: Charlotte Project
Report Date: September 16, 2011

QUALITY CONTROL REPORT WHI11000891.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
BLK	Blank																					
BLK	Blank																				<50	<0.9
BLK	Blank																				<50	<0.9
BLK	Blank																					
BLK	Blank																					
BLK	Blank																				<50	<0.9
BLK	Blank																				<50	<0.9
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	<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			
Prep Wash																						
G1	Prep Blank	0.068	9	9	0.45	136	0.093	2	0.80	0.071	0.44	<0.1	<0.01	1.6	0.3	<0.05	4	<0.5	<0.2			
G1	Prep Blank	0.074	10	11	0.52	160	0.112	1	0.96	0.104	0.48	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2			

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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: August 08, 2011
Report Date: September 12, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI11000892.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-018
P.O. Number
Number of Samples: 78

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	74	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	78	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	78	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	2	Lead collection fire assay 30G fusion - Grav finish	30	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
Nicola Struyk

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 12, 2011

CERTIFICATE OF ANALYSIS WHI11000892.1

	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
1066051	Drill Core	4.62	0.395	1.7	19.3	199.0	3875	2.5	14.6	21.4	4407	4.71	1373	392.2	1.4	25	35.8	162.2	0.6	16	1.92
1066052	Drill Core	2.62	0.127	4.1	61.5	40.9	2015	1.4	10.4	19.7	5278	4.45	408.8	123.2	1.4	33	1.4	27.4	0.4	17	2.97
1066053	Drill Core	4.94	0.019	3.8	35.1	17.2	105	0.8	2.7	11.3	3242	4.32	61.4	27.4	1.1	52	0.4	6.2	0.4	14	3.23
1066054	Drill Core	2.21	0.038	0.8	55.5	128.1	269	1.9	9.1	17.6	3403	4.34	388.8	39.9	1.2	35	2.2	13.7	0.9	18	2.38
1066055	Drill Core	3.69	1.638	0.7	24.7	972.1	790	4.8	11.4	16.7	4471	4.92	2431	1591	1.2	53	8.8	49.7	0.8	15	3.44
1066056	Drill Core	3.30	0.414	0.4	14.9	336.6	627	2.9	14.8	17.8	4130	4.33	1297	430.5	2.1	39	4.7	24.6	0.5	15	2.67
1066057	Drill Core	2.92	0.130	0.2	29.3	118.7	488	1.0	22.9	16.9	5517	3.65	329.0	140.5	1.9	61	2.7	14.3	0.2	44	4.12
1066058	Rock Pulp	0.14	0.420	9.7	136.9	7.4	52	0.2	27.0	36.3	480	3.15	1368	400.8	3.1	67	0.3	1.7	4.0	78	1.25
1066059	Drill Core	3.46	0.423	1.1	27.5	1073	3287	4.2	20.1	17.6	7956	3.80	595.5	415.5	1.0	55	21.2	43.9	2.3	27	4.26
1066060	Drill Core	2.95	0.208	1.5	42.4	315.4	861	3.0	3.8	12.3	4112	4.41	520.3	197.8	1.4	44	6.2	18.8	0.7	13	2.28
1066061	Drill Core	1.45	0.031	0.4	69.7	40.3	372	0.8	6.8	13.8	2842	4.03	205.5	13.8	0.9	52	0.9	11.2	0.4	30	2.88
1066062	Drill Core	1.36	0.008	0.7	54.6	89.7	209	0.2	3.3	13.1	1268	4.00	51.9	5.1	0.9	53	1.0	12.2	0.5	40	2.34
1066063	Drill Core	2.46	0.006	1.7	51.7	173.8	218	0.5	3.0	13.3	1360	4.95	80.9	6.2	0.8	61	1.8	7.4	6.6	53	2.54
1066064	Drill Core	3.17	0.011	4.4	28.5	12.9	83	0.3	2.3	16.8	1210	5.63	10.6	11.5	0.5	96	0.2	4.0	0.9	74	3.25
1066065	Drill Core	5.13	0.011	0.8	59.1	104.8	413	0.5	4.3	14.7	984	4.30	12.6	7.6	1.0	54	4.8	9.2	0.4	80	1.81
1066066	Drill Core	1.99	0.006	0.2	59.2	4.2	65	0.1	11.9	19.1	1182	4.23	5.1	6.5	1.5	43	<0.1	6.8	0.5	129	1.99
1066067	Drill Core	2.23	0.005	3.5	13.1	4.5	67	<0.1	15.9	24.0	1199	4.77	2.7	2.9	0.9	50	<0.1	2.6	1.7	151	2.48
1066068	Rock	0.71	<0.005	<0.1	3.1	1.0	12	<0.1	<0.1	0.9	211	0.47	0.6	<0.5	<0.1	38	<0.1	<0.1	<0.1	2	21.26
1066069	Drill Core	3.05	0.007	8.7	25.7	4.7	48	<0.1	18.5	18.2	592	3.97	7.2	4.8	2.3	32	<0.1	4.5	1.0	97	1.67
1066070	Drill Core	4.26	0.009	1.2	23.7	6.9	236	<0.1	20.8	19.0	1179	4.28	507.0	5.6	2.6	66	0.4	11.1	0.4	88	3.24
1066071	Drill Core	4.92	<0.005	0.6	20.0	12.1	233	<0.1	8.7	14.4	1110	3.99	340.2	1.8	3.1	48	0.4	8.2	0.3	59	2.53
1066072	Drill Core	3.30	0.020	1.7	21.4	66.9	171	0.9	7.2	5.8	1378	2.64	195.9	19.1	2.4	79	0.9	10.9	5.5	21	4.05
1066073	Drill Core	3.80	0.006	0.4	13.8	29.7	159	<0.1	2.1	4.8	1414	2.59	173.0	7.8	1.9	52	1.0	9.3	0.4	21	3.28
1066074	Drill Core	2.33	<0.005	1.2	6.0	45.0	185	<0.1	4.6	3.1	560	2.01	286.4	11.3	3.3	35	1.7	3.2	0.5	8	1.32
1066075	Drill Core	2.51	0.021	0.2	15.4	22.8	495	0.7	12.4	6.0	897	2.62	372.4	17.7	2.8	32	1.8	7.0	0.6	17	1.28
1066076	Drill Core	3.11	0.357	0.7	5.6	238.9	431	2.8	1.9	1.8	988	1.26	468.1	354.4	3.2	51	8.2	34.3	0.1	3	0.46
1066077	Drill Core	4.18	<0.005	0.2	0.9	2.2	311	<0.1	2.3	2.7	559	1.20	68.6	<0.5	5.6	29	1.5	0.8	<0.1	6	1.06
1066078	Rock Pulp	0.14	>10	8.3	120.6	15.7	57	>100	15.6	11.1	582	3.47	236.9	12632	2.8	69	0.4	8.1	15.0	70	1.54
1066079	Drill Core	2.82	<0.005	0.2	0.8	2.4	177	<0.1	1.9	2.1	412	1.01	23.5	3.8	4.9	18	0.3	0.6	<0.1	3	0.66
1066080	Drill Core	2.81	<0.005	0.4	7.8	4.4	357	<0.1	3.1	4.2	774	1.57	71.4	<0.5	5.2	29	1.1	4.1	<0.1	11	1.23

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Project: Charlotte Project
Report Date: September 12, 2011

CERTIFICATE OF ANALYSIS WHI11000892.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
1066051	Drill Core	0.066	1	3	0.76	44	<0.001	2	0.40	0.004	0.19	0.2	0.09	6.5	1.0	3.00	<1	0.8	<0.2		
1066052	Drill Core	0.055	2	2	1.06	18	<0.001	2	0.37	0.003	0.20	0.2	0.07	5.7	1.0	3.62	<1	<0.5	<0.2		
1066053	Drill Core	0.066	2	<1	1.22	46	<0.001	3	0.32	0.003	0.23	0.1	0.04	5.8	0.5	2.73	<1	1.1	0.4		
1066054	Drill Core	0.079	2	3	0.88	43	<0.001	2	0.39	0.004	0.25	0.2	0.08	6.0	0.9	2.97	<1	0.6	0.3		
1066055	Drill Core	0.059	2	2	1.05	13	<0.001	3	0.33	0.003	0.21	0.2	0.07	5.4	1.2	4.33	<1	0.8	<0.2		
1066056	Drill Core	0.057	2	4	0.83	50	<0.001	3	0.39	0.003	0.23	0.2	0.11	5.6	1.2	2.96	<1	<0.5	<0.2		
1066057	Drill Core	0.063	5	25	1.42	35	<0.001	4	0.41	0.003	0.27	0.1	0.07	12.7	0.8	0.35	<1	<0.5	<0.2		
1066058	Rock Pulp	0.054	6	46	0.76	121	0.110	2	1.57	0.169	0.26	0.4	<0.01	2.4	<0.1	0.13	5	1.7	0.8		
1066059	Drill Core	0.046	2	14	1.34	55	<0.001	3	0.33	0.005	0.22	0.2	0.11	8.4	1.0	1.64	<1	0.7	1.2		
1066060	Drill Core	0.064	2	1	0.92	37	<0.001	3	0.35	0.003	0.23	0.4	0.07	5.1	0.7	2.42	<1	1.2	0.3		
1066061	Drill Core	0.057	3	2	1.19	77	<0.001	3	0.55	0.003	0.26	<0.1	0.04	7.6	0.4	1.04	1	0.9	<0.2		
1066062	Drill Core	0.068	3	2	0.95	42	0.001	2	0.66	0.003	0.15	0.2	0.05	7.8	0.2	1.83	2	2.0	0.3		
1066063	Drill Core	0.061	2	3	1.25	66	0.008	2	1.42	0.009	0.39	<0.1	0.02	9.8	0.3	2.27	3	1.9	3.7		
1066064	Drill Core	0.060	1	2	1.87	22	0.027	<1	1.35	0.014	0.46	<0.1	<0.01	12.0	0.2	3.51	4	2.1	0.5		
1066065	Drill Core	0.058	4	3	1.59	85	0.084	<1	1.58	0.022	0.76	<0.1	0.04	12.2	0.3	1.27	6	<0.5	0.4		
1066066	Drill Core	0.059	6	12	2.11	178	0.130	<1	2.47	0.018	1.39	<0.1	0.01	15.2	0.4	0.60	7	<0.5	<0.2		
1066067	Drill Core	0.049	7	14	2.73	201	0.152	<1	2.89	0.013	1.63	<0.1	<0.01	14.9	0.4	0.76	8	<0.5	0.8		
1066068	Rock	0.014	<1	<1	10.80	22	0.001	<1	0.03	0.003	0.02	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066069	Drill Core	0.062	7	32	1.41	143	0.095	<1	2.18	0.015	0.83	<0.1	0.04	12.7	0.3	0.73	6	<0.5	0.4		
1066070	Drill Core	0.062	9	33	1.18	91	0.017	1	1.24	0.003	0.30	0.1	0.11	17.3	0.5	0.21	3	<0.5	<0.2		
1066071	Drill Core	0.091	12	6	0.86	100	0.018	2	1.22	0.002	0.26	0.1	0.18	12.7	0.3	0.25	3	0.6	<0.2		
1066072	Drill Core	0.058	6	23	1.31	423	<0.001	1	0.72	0.002	0.07	0.2	0.19	9.7	0.1	0.20	2	<0.5	3.1		
1066073	Drill Core	0.070	4	<1	1.10	137	0.001	<1	0.78	0.002	0.03	0.1	0.19	9.4	0.1	0.28	2	<0.5	<0.2		
1066074	Drill Core	0.024	9	2	0.44	15	0.001	1	0.60	<0.001	0.05	0.1	0.31	8.0	<0.1	0.26	1	<0.5	<0.2		
1066075	Drill Core	0.025	6	2	0.45	77	<0.001	1	0.59	0.002	0.12	0.2	0.06	6.5	0.3	0.40	1	<0.5	<0.2		
1066076	Drill Core	0.009	6	2	0.19	517	<0.001	3	0.30	0.002	0.16	<0.1	0.09	0.6	0.7	0.15	<1	<0.5	<0.2		
1066077	Drill Core	0.014	11	2	0.45	119	<0.001	2	0.48	0.006	0.22	<0.1	0.03	1.0	0.2	<0.05	1	<0.5	<0.2		
1066078	Rock Pulp	0.050	7	25	0.72	107	0.125	3	1.58	0.163	0.21	4.2	0.48	2.5	<0.1	0.18	5	5.4	2.6	165	11.5
1066079	Drill Core	0.015	12	3	0.28	190	<0.001	1	0.34	0.005	0.18	<0.1	0.01	0.6	0.1	<0.05	<1	<0.5	<0.2		
1066080	Drill Core	0.027	13	5	0.49	164	0.004	<1	0.61	0.004	0.19	<0.1	0.04	2.3	<0.1	<0.05	2	<0.5	<0.2		

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Project: Charlotte Project
Report Date: September 12, 2011

CERTIFICATE OF ANALYSIS WHI11000892.1

	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
1066081	Drill Core	4.31	0.005	0.4	4.3	38.5	299	0.2	2.8	5.3	1494	2.48	59.5	6.0	3.6	45	0.7	2.1	<0.1	12	2.07
1066082	Drill Core	2.53	<0.005	0.3	19.7	6.4	183	<0.1	14.5	14.7	1029	2.76	46.2	3.7	3.1	34	0.4	3.5	0.1	54	1.28
1066083	Drill Core	2.76	0.009	0.3	12.5	10.7	150	0.1	9.1	11.0	891	2.78	61.1	6.3	3.5	24	0.5	5.1	0.1	49	1.18
1066084	Drill Core	1.61	<0.005	0.2	3.9	42.3	140	0.2	1.6	2.9	769	1.60	112.4	4.1	2.8	36	0.4	1.6	0.2	6	1.23
1066085	Drill Core	2.37	0.008	0.7	3.0	68.9	111	0.9	1.4	4.0	596	1.84	109.5	8.3	3.0	34	0.8	1.7	0.7	8	1.02
1066086	Drill Core	2.42	<0.005	0.3	1.2	4.6	96	<0.1	1.4	3.7	625	1.80	96.7	0.7	2.8	38	0.2	1.9	0.2	13	1.89
1066087	Drill Core	2.18	<0.005	0.3	6.4	14.9	96	<0.1	2.1	5.8	430	2.91	71.5	2.0	3.5	32	0.1	2.4	0.3	15	0.83
1066088	Drill Core	1.00	<0.005	0.3	4.8	12.2	93	<0.1	2.9	5.5	406	2.47	85.2	2.4	3.8	30	0.1	2.6	0.3	15	0.87
1066089	Drill Core	2.02	<0.005	0.2	6.8	14.2	37	<0.1	1.5	4.6	245	2.25	23.1	0.5	3.7	15	0.1	1.9	0.3	13	0.44
1066090	Drill Core	4.12	<0.005	0.3	5.7	12.3	42	<0.1	2.5	5.8	355	2.37	11.2	1.6	4.3	31	0.1	1.9	0.4	14	1.02
1066091	Drill Core	4.06	<0.005	0.7	7.4	11.8	60	<0.1	4.4	6.1	730	2.21	12.0	<0.5	4.8	97	0.2	1.8	0.1	28	3.31
1066092	Drill Core	3.62	<0.005	1.0	10.9	14.9	95	0.1	6.7	6.8	600	2.10	49.3	<0.5	4.4	85	0.2	2.1	0.2	27	2.14
1066093	Drill Core	3.09	<0.005	0.3	10.6	12.6	88	<0.1	4.2	4.6	539	1.65	75.2	<0.5	4.9	58	0.2	3.0	0.3	20	2.18
1066094	Drill Core	4.70	0.016	3.9	3.0	30.7	132	0.6	3.8	4.2	724	1.99	268.6	11.4	4.4	26	0.7	5.1	0.5	5	1.17
1066095	Drill Core	4.30	<0.005	0.6	3.1	18.6	98	0.3	3.2	3.3	577	1.38	84.2	1.6	4.1	24	0.7	2.0	0.3	4	0.85
1066096	Drill Core	4.23	<0.005	0.5	4.7	9.4	41	<0.1	7.5	9.1	510	2.97	19.9	1.0	2.9	38	0.1	1.9	1.3	24	1.63
1066097	Drill Core	3.15	<0.005	0.1	3.4	11.5	42	<0.1	6.2	6.9	522	2.28	5.4	<0.5	4.1	57	<0.1	1.7	0.5	25	2.13
1066098	Rock Pulp	0.14	0.414	9.4	128.5	6.7	48	0.2	25.6	34.3	459	3.03	1285	342.4	2.7	64	0.3	1.6	3.8	74	1.18
1066099	Drill Core	3.67	<0.005	0.2	2.8	5.5	22	<0.1	2.1	4.1	273	1.87	2.3	<0.5	3.0	33	<0.1	1.3	0.3	14	1.11
1066100	Drill Core	3.48	<0.005	0.9	2.9	7.6	28	<0.1	3.9	5.4	338	2.15	15.5	<0.5	2.9	43	<0.1	1.2	0.6	16	1.35
1066101	Drill Core	2.35	0.854	0.5	1.7	8.6	37	0.2	2.4	2.7	1084	1.37	739.8	811.6	4.4	81	0.2	8.7	0.1	7	2.02
1066102	Drill Core	3.90	<0.005	0.3	3.9	10.5	28	<0.1	2.8	2.9	328	1.18	64.4	<0.5	3.7	65	0.1	1.7	0.2	9	1.76
1066103	Drill Core	3.73	<0.005	0.4	3.5	5.9	19	<0.1	6.6	4.8	304	1.38	3.9	<0.5	2.9	65	<0.1	1.1	0.4	17	1.26
1066104	Drill Core	4.84	<0.005	0.5	25.4	8.1	49	<0.1	42.0	19.4	1179	4.37	4.0	<0.5	0.3	66	<0.1	3.6	0.4	71	2.17
1066105	Drill Core	4.37	<0.005	1.0	21.2	10.5	68	<0.1	19.6	14.3	814	4.10	5.7	<0.5	3.1	55	0.2	2.8	0.6	64	1.89
1066106	Drill Core	5.53	<0.005	2.4	8.7	40.4	65	0.2	2.8	8.6	99	1.45	73.4	<0.5	9.3	39	0.2	4.1	0.6	8	0.40
1066107	Drill Core	1.13	<0.005	3.7	4.3	18.2	37	<0.1	2.4	4.3	360	1.34	31.8	<0.5	7.6	29	0.1	2.3	0.3	14	1.20
1066108	Rock	0.56	<0.005	0.1	0.9	1.0	11	<0.1	0.9	0.6	197	0.44	0.9	<0.5	<0.1	34	<0.1	<0.1	<0.1	<2	21.17
1066109	Drill Core	1.75	0.005	3.6	5.9	6.8	38	<0.1	10.6	13.6	962	3.99	4.2	<0.5	1.6	49	0.1	1.8	0.6	105	2.84
1066110	Drill Core	2.45	<0.005	1.1	5.9	2.4	32	<0.1	14.6	11.5	743	3.77	1.1	<0.5	0.4	122	<0.1	1.5	0.2	111	1.77

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
1066081	Drill Core	0.043	10	2	0.71	383	0.001	1	0.61	0.002	0.12	<0.1	0.11	3.3	0.1	0.13	2	<0.5	<0.2		
1066082	Drill Core	0.081	10	56	0.39	321	0.002	<1	0.72	0.001	0.06	<0.1	0.24	12.6	<0.1	0.15	2	<0.5	<0.2		
1066083	Drill Core	0.067	9	46	0.43	144	0.017	<1	0.69	<0.001	0.16	0.3	0.11	8.9	0.1	0.16	2	<0.5	<0.2		
1066084	Drill Core	0.027	5	2	0.45	40	0.001	1	0.35	0.006	0.12	0.2	0.03	1.2	<0.1	0.38	<1	0.7	<0.2		
1066085	Drill Core	0.040	5	<1	0.37	55	0.002	1	0.37	0.006	0.13	0.1	0.03	1.8	0.1	0.82	<1	1.0	<0.2		
1066086	Drill Core	0.029	5	1	0.61	25	0.002	<1	0.38	0.003	0.06	<0.1	0.09	3.2	<0.1	0.19	<1	<0.5	<0.2		
1066087	Drill Core	0.037	5	<1	0.62	77	0.020	<1	1.49	0.005	0.22	<0.1	0.06	4.2	0.1	0.11	3	<0.5	<0.2		
1066088	Drill Core	0.041	7	2	0.53	57	0.015	<1	1.16	0.004	0.17	<0.1	0.05	4.0	<0.1	0.11	3	<0.5	<0.2		
1066089	Drill Core	0.040	6	<1	0.41	51	0.029	<1	1.10	0.021	0.20	<0.1	0.05	3.2	0.1	0.41	3	0.5	<0.2		
1066090	Drill Core	0.052	8	2	0.55	96	0.010	<1	0.94	0.021	0.17	<0.1	0.05	2.6	0.1	0.77	2	<0.5	0.3		
1066091	Drill Core	0.093	21	5	1.08	329	0.001	3	0.71	0.004	0.12	<0.1	0.12	3.0	0.2	<0.05	2	<0.5	<0.2		
1066092	Drill Core	0.084	18	6	0.77	1120	<0.001	3	0.70	0.002	0.11	<0.1	0.06	3.2	0.2	0.07	2	<0.5	<0.2		
1066093	Drill Core	0.060	11	3	0.83	481	<0.001	1	0.50	0.003	0.11	<0.1	0.03	2.8	0.1	0.16	1	<0.5	<0.2		
1066094	Drill Core	0.008	5	2	0.50	143	<0.001	<1	0.26	0.007	0.18	0.2	0.14	0.8	0.5	0.58	<1	1.6	<0.2		
1066095	Drill Core	0.010	6	2	0.37	253	<0.001	1	0.31	0.004	0.17	0.1	0.06	0.8	0.1	0.36	<1	<0.5	<0.2		
1066096	Drill Core	0.048	5	12	0.59	48	<0.001	<1	0.53	0.002	0.06	0.1	0.05	5.6	0.1	1.59	1	1.3	0.4		
1066097	Drill Core	0.053	9	12	0.89	134	0.015	7	0.72	0.002	0.18	<0.1	0.05	5.3	0.1	0.47	2	<0.5	0.2		
1066098	Rock Pulp	0.055	6	43	0.73	118	0.103	2	1.50	0.155	0.25	0.4	<0.01	2.1	<0.1	0.12	4	1.8	0.6		
1066099	Drill Core	0.039	7	2	0.66	88	0.045	<1	0.89	0.013	0.34	<0.1	0.02	2.6	0.1	0.72	3	<0.5	<0.2		
1066100	Drill Core	0.043	6	11	0.78	69	0.029	<1	0.93	0.010	0.32	<0.1	0.01	3.9	0.2	0.97	3	0.6	<0.2		
1066101	Drill Core	0.019	8	2	0.87	105	0.004	<1	0.41	0.004	0.18	<0.1	0.03	1.1	0.1	0.22	1	<0.5	<0.2		
1066102	Drill Core	0.016	7	3	0.75	51	0.006	<1	0.59	0.004	0.17	<0.1	0.02	1.1	<0.1	0.26	1	<0.5	<0.2		
1066103	Drill Core	0.023	7	10	0.80	254	0.023	<1	0.82	0.030	0.33	<0.1	<0.01	2.6	0.1	0.30	3	<0.5	<0.2		
1066104	Drill Core	0.146	4	61	1.93	357	0.052	<1	2.37	0.023	0.82	<0.1	<0.01	9.0	0.3	0.16	6	<0.5	<0.2		
1066105	Drill Core	0.095	11	32	1.80	398	0.146	<1	2.29	0.008	1.26	<0.1	0.03	12.7	0.4	0.35	7	<0.5	0.2		
1066106	Drill Core	0.011	5	2	0.16	107	<0.001	2	0.51	0.007	0.23	<0.1	0.04	1.5	0.2	0.34	1	<0.5	0.4		
1066107	Drill Core	0.017	3	2	0.45	53	0.001	2	0.51	0.005	0.22	<0.1	0.04	1.7	0.2	0.66	1	0.6	<0.2		
1066108	Rock	0.014	<1	<1	10.74	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		
1066109	Drill Core	0.031	5	18	1.84	32	0.040	<1	1.76	0.005	0.88	<0.1	0.04	14.0	0.7	2.63	5	0.8	0.3		
1066110	Drill Core	0.017	2	27	2.11	44	0.060	<1	2.43	0.135	0.83	<0.1	<0.01	11.9	0.6	1.11	7	<0.5	<0.2		

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Project: Charlotte Project
Report Date: September 12, 2011

CERTIFICATE OF ANALYSIS WHI11000892.1

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
1066111	Drill Core	3.57	<0.005	0.7	3.8	5.8	37	<0.1	14.7	13.8	825	3.76	8.6	<0.5	0.9	80	0.1	2.2	0.8	80	3.02
1066112	Drill Core	3.42	0.011	1.5	1.8	5.7	25	<0.1	10.0	10.1	2159	3.47	22.7	3.0	1.7	88	<0.1	1.4	0.6	24	6.42
1066113	Drill Core	3.92	0.007	1.9	5.8	19.0	41	0.5	7.8	9.2	1341	2.70	8.8	<0.5	5.2	54	0.2	2.8	0.5	48	4.41
1066114	Drill Core	3.64	0.010	3.0	7.8	31.8	51	0.7	0.8	1.6	105	0.77	9.5	2.0	13.7	5	0.4	5.3	0.4	<2	0.14
1066115	Drill Core	4.83	0.010	2.9	8.0	47.9	96	1.1	0.6	2.0	87	0.83	8.4	1.1	12.1	7	0.7	5.7	0.5	<2	0.10
1066116	Drill Core	3.66	0.008	3.1	8.0	45.8	174	1.2	0.7	1.9	149	0.85	9.0	2.0	10.0	8	1.6	7.3	0.5	<2	0.14
1066117	Drill Core	5.12	0.017	4.5	4.4	109.0	361	1.7	0.7	3.2	245	0.87	12.7	9.0	11.0	7	3.0	9.2	1.0	<2	0.22
1066118	Rock Pulp	0.14	>10	7.8	120.1	16.0	58	>100	15.0	11.0	590	3.61	230.7	11609	2.8	68	0.3	8.0	17.2	70	1.51
1066119	Drill Core	3.67	0.006	1.9	7.4	174.9	522	1.7	0.5	1.7	177	0.64	8.1	9.2	12.3	10	4.6	15.6	0.5	<2	0.21
1066120	Drill Core	5.28	0.019	2.7	7.2	38.0	56	0.6	0.3	2.6	132	0.81	4.6	1.5	12.9	9	0.4	12.7	0.7	<2	0.19
1066121	Drill Core	5.14	0.010	3.2	5.5	40.0	56	0.9	0.3	3.4	43	0.81	6.2	4.2	13.8	8	0.3	11.1	1.4	<2	0.11
1066122	Drill Core	2.12	<0.005	2.3	3.5	51.5	81	0.7	0.4	2.4	45	0.69	6.8	2.5	12.7	9	0.7	9.5	0.6	<2	0.12
1066123	Drill Core	1.64	0.011	3.4	2.8	36.1	73	0.4	4.1	9.8	1097	3.17	23.4	8.8	6.2	36	0.5	5.7	1.0	5	1.31
1066124	Drill Core	2.41	<0.005	11.6	4.3	58.9	64	0.4	0.7	2.6	145	0.84	7.3	1.1	11.5	11	0.3	8.4	0.7	<2	0.19
1066125	Drill Core	5.45	<0.005	10.1	4.8	43.4	56	0.3	0.6	2.4	109	0.62	3.4	<0.5	12.9	9	0.3	8.5	0.4	<2	0.16
1066126	Drill Core	4.57	<0.005	3.2	4.7	55.8	80	0.7	0.9	2.1	131	0.91	4.2	1.0	11.9	8	0.5	8.0	0.5	<2	0.16
1066127	Drill Core	2.69	<0.005	2.5	2.4	22.3	37	0.2	0.4	0.5	72	0.47	3.1	1.3	13.2	10	0.2	5.6	0.3	<2	0.16
1066128	Drill Core	5.81	<0.005	2.3	2.0	18.7	35	0.3	0.4	0.5	81	0.47	3.3	1.7	12.9	10	0.2	4.7	0.2	<2	0.16

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Project: Charlotte Project
Report Date: September 12, 2011

CERTIFICATE OF ANALYSIS WHI11000892.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1066111	Drill Core	0.029	3	20	1.54	26	0.019	3	2.08	0.036	0.64	<0.1	0.01	14.5	0.6	1.92	5	1.3	<0.2		
1066112	Drill Core	0.058	4	4	1.68	50	<0.001	2	0.54	0.005	0.23	<0.1	0.07	6.7	0.5	2.31	<1	0.6	<0.2		
1066113	Drill Core	0.016	4	10	0.90	83	0.006	<1	1.31	0.004	0.41	<0.1	0.06	6.8	0.5	1.37	3	<0.5	<0.2		
1066114	Drill Core	0.007	9	<1	0.06	57	<0.001	5	0.37	0.003	0.22	<0.1	0.03	0.4	0.2	0.62	<1	0.5	<0.2		
1066115	Drill Core	0.006	7	1	0.04	43	<0.001	3	0.37	0.005	0.21	<0.1	0.06	0.4	0.2	0.71	<1	<0.5	<0.2		
1066116	Drill Core	0.007	5	<1	0.06	52	<0.001	4	0.33	0.002	0.20	0.1	0.06	0.3	0.2	0.73	<1	0.5	<0.2		
1066117	Drill Core	0.008	4	1	0.08	50	<0.001	4	0.33	0.003	0.20	<0.1	0.07	0.4	0.2	0.74	<1	<0.5	0.2		
1066118	Rock Pulp	0.050	7	25	0.75	108	0.119	4	1.60	0.163	0.21	4.4	0.47	2.3	<0.1	0.18	5	5.9	2.9	165	11.5
1066119	Drill Core	0.006	6	1	0.06	37	<0.001	3	0.37	0.001	0.21	<0.1	0.11	0.3	0.2	0.54	<1	<0.5	<0.2		
1066120	Drill Core	0.006	4	1	0.06	44	<0.001	3	0.35	0.001	0.18	<0.1	0.03	0.4	0.2	0.74	<1	<0.5	<0.2		
1066121	Drill Core	0.005	5	1	0.04	67	<0.001	3	0.42	0.001	0.21	<0.1	0.04	0.4	0.2	0.76	<1	<0.5	0.4		
1066122	Drill Core	0.007	5	1	0.03	200	<0.001	3	0.34	0.002	0.20	<0.1	0.05	0.4	0.2	0.62	<1	<0.5	<0.2		
1066123	Drill Core	0.041	3	1	0.54	41	<0.001	3	0.40	0.002	0.23	0.2	0.04	1.9	0.2	3.34	<1	1.3	<0.2		
1066124	Drill Core	0.007	6	1	0.07	205	<0.001	3	0.42	<0.001	0.16	<0.1	0.06	0.4	0.1	0.77	<1	<0.5	<0.2		
1066125	Drill Core	0.007	6	<1	0.06	129	<0.001	2	0.42	0.001	0.15	<0.1	0.05	0.3	<0.1	0.58	<1	<0.5	<0.2		
1066126	Drill Core	0.007	6	1	0.05	177	<0.001	4	0.42	0.002	0.23	<0.1	0.03	0.4	0.2	0.87	<1	<0.5	<0.2		
1066127	Drill Core	0.005	10	1	0.06	152	<0.001	2	0.36	0.002	0.17	<0.1	0.03	0.3	0.1	0.41	<1	<0.5	<0.2		
1066128	Drill Core	0.005	10	1	0.07	131	<0.001	4	0.39	0.002	0.20	<0.1	0.04	0.4	0.1	0.41	<1	<0.5	<0.2		

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Project: Charlotte Project
Report Date: September 12, 2011

QUALITY CONTROL REPORT WHI11000892.1

	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																					
1066052	Drill Core	2.62	0.127	4.1	61.5	40.9	2015	1.4	10.4	19.7	5278	4.45	408.8	123.2	1.4	33	1.4	27.4	0.4	17	2.97
REP 1066052	QC			4.1	59.8	41.1	2038	1.4	10.9	19.1	5185	4.45	404.4	127.1	1.4	33	1.6	28.7	0.4	18	2.97
1066077	Drill Core	4.18	<0.005	0.2	0.9	2.2	311	<0.1	2.3	2.7	559	1.20	68.6	<0.5	5.6	29	1.5	0.8	<0.1	6	1.06
REP 1066077	QC			0.3	1.0	2.2	315	<0.1	2.3	2.8	591	1.25	70.9	<0.5	6.4	30	1.4	0.8	<0.1	6	1.10
1066086	Drill Core	2.42	<0.005	0.3	1.2	4.6	96	<0.1	1.4	3.7	625	1.80	96.7	0.7	2.8	38	0.2	1.9	0.2	13	1.89
REP 1066086	QC		<0.005																		
1066095	Drill Core	4.30	<0.005	0.6	3.1	18.6	98	0.3	3.2	3.3	577	1.38	84.2	1.6	4.1	24	0.7	2.0	0.3	4	0.85
REP 1066095	QC			0.8	3.1	19.4	105	0.4	3.2	3.2	602	1.42	88.8	3.4	4.1	24	0.8	1.9	0.3	4	0.88
1066111	Drill Core	3.57	<0.005	0.7	3.8	5.8	37	<0.1	14.7	13.8	825	3.76	8.6	<0.5	0.9	80	0.1	2.2	0.8	80	3.02
REP 1066111	QC		<0.005																		
1066127	Drill Core	2.69	<0.005	2.5	2.4	22.3	37	0.2	0.4	0.5	72	0.47	3.1	1.3	13.2	10	0.2	5.6	0.3	<2	0.16
REP 1066127	QC			2.7	2.3	22.7	39	0.3	0.4	0.5	73	0.46	3.5	2.1	13.1	10	0.2	5.8	0.3	<2	0.15
Core Reject Duplicates																					
1066065	Drill Core	5.13	0.011	0.8	59.1	104.8	413	0.5	4.3	14.7	984	4.30	12.6	7.6	1.0	54	4.8	9.2	0.4	80	1.81
DUP 1066065	QC		0.016	0.6	63.6	114.0	448	0.5	4.5	15.0	1076	4.36	12.6	7.7	1.0	57	6.3	9.8	0.3	82	1.85
1066100	Drill Core	3.48	<0.005	0.9	2.9	7.6	28	<0.1	3.9	5.4	338	2.15	15.5	<0.5	2.9	43	<0.1	1.2	0.6	16	1.35
DUP 1066100	QC		<0.005	0.9	2.8	8.0	31	<0.1	4.6	5.5	356	2.24	15.9	<0.5	3.3	46	0.1	1.2	0.6	17	1.38
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			14.3	111.3	134.0	319	1.9	39.1	7.7	623	2.49	26.8	122.0	7.2	72	2.5	6.5	7.4	42	0.73
STD DS8	Standard			12.4	112.6	127.6	318	1.8	39.5	7.8	620	2.56	25.7	148.2	6.3	63	2.3	5.2	6.4	42	0.69
STD DS8	Standard			13.0	109.3	119.3	299	1.7	37.7	7.3	582	2.39	24.1	98.2	6.4	60	2.3	5.1	6.0	40	0.67
STD OXH82	Standard		1.382																		
STD OXH82	Standard		1.359																		
STD OXH82	Standard		1.349																		
STD OXK79	Standard		3.808																		
STD OXK79	Standard		3.741																		

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QUALITY CONTROL REPORT WHI11000892.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
Pulp Duplicates																					
1066052	Drill Core	0.055	2	2	1.06	18	<0.001	2	0.37	0.003	0.20	0.2	0.07	5.7	1.0	3.62	<1	<0.5	<0.2		
REP 1066052	QC	0.057	2	2	1.07	18	<0.001	3	0.38	0.003	0.20	0.2	0.08	5.6	1.0	3.62	<1	<0.5	<0.2		
1066077	Drill Core	0.014	11	2	0.45	119	<0.001	2	0.48	0.006	0.22	<0.1	0.03	1.0	0.2	<0.05	1	<0.5	<0.2		
REP 1066077	QC	0.014	12	2	0.46	119	0.001	2	0.49	0.006	0.23	<0.1	0.02	1.2	0.2	<0.05	1	<0.5	<0.2		
1066086	Drill Core	0.029	5	1	0.61	25	0.002	<1	0.38	0.003	0.06	<0.1	0.09	3.2	<0.1	0.19	<1	<0.5	<0.2		
REP 1066086	QC																				
1066095	Drill Core	0.010	6	2	0.37	253	<0.001	1	0.31	0.004	0.17	0.1	0.06	0.8	0.1	0.36	<1	<0.5	<0.2		
REP 1066095	QC	0.009	6	2	0.38	207	<0.001	1	0.32	0.004	0.17	0.1	0.06	0.8	0.1	0.37	<1	0.6	<0.2		
1066111	Drill Core	0.029	3	20	1.54	26	0.019	3	2.08	0.036	0.64	<0.1	0.01	14.5	0.6	1.92	5	1.3	<0.2		
REP 1066111	QC																				
1066127	Drill Core	0.005	10	1	0.06	152	<0.001	2	0.36	0.002	0.17	<0.1	0.03	0.3	0.1	0.41	<1	<0.5	<0.2		
REP 1066127	QC	0.005	10	1	0.06	165	<0.001	3	0.38	0.002	0.18	<0.1	0.03	0.3	0.1	0.41	<1	<0.5	<0.2		
Core Reject Duplicates																					
1066065	Drill Core	0.058	4	3	1.59	85	0.084	<1	1.58	0.022	0.76	<0.1	0.04	12.2	0.3	1.27	6	<0.5	0.4		
DUP 1066065	QC	0.061	4	3	1.63	82	0.085	<1	1.61	0.022	0.78	<0.1	0.03	12.5	0.3	1.31	6	0.9	0.4		
1066100	Drill Core	0.043	6	11	0.78	69	0.029	<1	0.93	0.010	0.32	<0.1	0.01	3.9	0.2	0.97	3	0.6	<0.2		
DUP 1066100	QC	0.046	7	12	0.82	85	0.030	<1	1.03	0.011	0.34	<0.1	0.01	4.3	0.2	0.98	3	<0.5	<0.2		
Reference Materials																					
STD AGPROOF	Standard																			96	<0.9
STD CDN-ME-3	Standard																			274	9.7
STD DS8	Standard	0.082	15	118	0.61	303	0.125	2	0.94	0.095	0.42	3.4	0.22	2.1	5.9	0.18	5	5.1	5.3		
STD DS8	Standard	0.084	13	123	0.63	267	0.112	2	0.90	0.080	0.41	3.2	0.18	1.9	5.5	0.17	5	6.2	5.0		
STD DS8	Standard	0.075	14	113	0.59	252	0.114	2	0.87	0.080	0.40	2.8	0.20	2.1	5.2	0.16	4	4.7	4.9		
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				

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

Project: Charlotte Project
Report Date: September 12, 2011

QUALITY CONTROL REPORT WHI11000892.1

		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 OXK79	Standard		3.811																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD CDN-ME-3 Expected																					
STD AGPROOF Expected																					
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
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																				
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			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank		<0.005	0.2	2.7	2.8	46	<0.1	3.2	4.0	551	1.99	<0.5	1.5	4.5	65	<0.1	<0.1	0.4	37	0.46
G1	Prep Blank		<0.005	0.2	3.7	2.8	48	<0.1	2.9	4.1	569	2.00	<0.5	<0.5	4.6	60	<0.1	<0.1	0.2	37	0.48

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 12, 2011

QUALITY CONTROL REPORT WHI11000892.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
STD OXK79	Standard																					
STD OXH82 Expected																						
STD OXK79 Expected																						
STD CDN-ME-3 Expected																					276	9.77
STD AGPROOF Expected																					94	0
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		
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																				<50	<0.9
BLK	Blank																				<50	<0.9
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	<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			
Prep Wash																						
G1	Prep Blank	0.071	10	6	0.53	165	0.099	1	0.90	0.082	0.46	<0.1	<0.01	1.6	0.3	<0.05	5	<0.5	<0.2			
G1	Prep Blank	0.072	10	5	0.54	182	0.101	2	0.99	0.091	0.47	<0.1	<0.01	1.7	0.3	<0.05	5	<0.5	<0.2			

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Client: **Coast Mountain Geological**
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PO Box 11604
Vancouver BC V6B 4N9 Canada

Submitted By: Gary Schellenberg
Receiving Lab: Canada-Whitehorse
Received: July 29, 2011
Report Date: September 02, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI11000893.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-016
P.O. Number
Number of Samples: 75

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	72	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	75	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	75	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	3	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN
7TD	1	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
Nicola Struyk

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.

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 02, 2011

CERTIFICATE OF ANALYSIS WHI11000893.1

	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
1065861	Drill Core	3.16	3.396	0.6	4.0	465.6	38	7.3	0.4	0.3	61	1.85	1251	3616	0.7	17	0.4	130.6	0.6	8	0.06
1065862	Drill Core	4.23	0.612	0.4	4.2	290.1	37	3.8	0.3	0.5	53	1.89	307.1	616.0	1.9	27	0.3	73.8	0.5	9	0.06
1065863	Drill Core	4.92	0.059	0.3	12.4	227.4	317	1.8	1.0	2.2	236	2.27	465.1	58.8	2.5	46	0.6	73.0	0.4	6	0.10
1065864	Drill Core	3.05	0.021	0.6	24.0	401.2	374	1.8	3.0	2.3	204	2.60	728.7	14.1	3.5	60	0.7	57.3	0.4	10	0.14
1065865	Rock	0.77	<0.005	<0.1	0.8	0.9	12	<0.1	1.0	0.4	226	0.40	2.1	<0.5	<0.1	38	<0.1	0.2	<0.1	<2	20.80
1065866	Drill Core	4.21	0.032	0.9	26.4	153.1	355	2.4	5.9	3.6	220	2.47	535.9	29.3	3.8	35	1.0	38.0	0.7	10	0.13
1065867	Drill Core	4.50	0.039	0.4	44.0	19.4	384	1.0	2.8	3.4	237	2.24	647.3	35.2	3.4	24	0.9	27.3	0.1	7	0.07
1065868	Drill Core	4.74	0.059	0.2	11.7	19.2	126	0.5	0.8	1.5	148	1.72	289.2	60.8	3.3	42	0.5	13.5	0.2	4	0.10
1065869	Drill Core	3.20	0.217	0.2	2.3	21.6	18	0.8	0.4	0.3	74	0.73	75.1	202.5	2.6	24	0.2	4.8	0.1	<2	0.06
1065870	Drill Core	3.32	1.250	0.3	9.1	73.6	44	3.5	0.4	0.9	240	0.50	255.0	1280	1.9	11	0.4	8.6	0.2	2	0.07
1065871	Drill Core	3.33	0.343	0.2	25.0	77.5	427	1.2	2.7	8.3	747	3.39	887.1	306.7	2.6	100	2.0	11.9	0.4	41	0.34
1065872	Drill Core	4.20	<0.005	0.4	17.2	3.7	469	<0.1	3.6	15.6	807	4.71	48.4	6.1	2.5	25	1.0	7.7	0.3	69	0.46
1065873	Drill Core	1.73	<0.005	0.2	22.1	2.9	458	<0.1	2.5	12.5	656	4.50	131.5	5.8	2.4	25	1.3	4.8	0.2	60	0.35
1065874	Drill Core	2.75	<0.005	0.5	42.6	5.7	370	<0.1	1.6	4.4	176	2.53	562.1	2.5	2.7	37	5.3	13.5	0.3	19	0.10
1065875	Rock	0.70	<0.005	0.4	2.1	0.7	13	<0.1	1.0	0.4	242	0.42	0.9	<0.5	<0.1	39	<0.1	<0.1	<0.1	<2	21.31
1065876	Drill Core	2.70	<0.005	0.6	42.5	5.5	380	<0.1	1.8	4.0	210	2.30	537.8	1.0	3.0	9	8.0	10.6	0.2	10	0.18
1065877	Drill Core	4.78	<0.005	0.2	67.0	14.2	418	<0.1	3.0	1.8	126	1.60	893.9	<0.5	3.2	5	13.5	29.1	0.2	6	0.22
1065878	Drill Core	5.00	<0.005	0.2	69.0	14.4	435	<0.1	2.4	2.0	201	1.87	883.6	<0.5	3.6	9	15.3	37.1	0.2	7	0.46
1065879	Drill Core	3.45	<0.005	6.9	42.9	37.4	207	0.2	0.9	1.0	53	1.60	625.8	1.2	3.2	24	3.2	39.4	0.3	3	0.06
1065880	Drill Core	2.31	<0.005	0.3	14.9	14.3	144	0.1	1.1	1.3	68	1.42	323.4	<0.5	3.1	23	1.1	23.6	0.3	5	0.05
1065881	Drill Core	2.44	<0.005	0.2	17.6	9.0	228	<0.1	1.4	0.8	79	2.02	639.5	1.1	3.7	22	1.5	8.3	0.4	2	0.14
1065882	Drill Core	4.48	<0.005	0.4	12.2	50.0	99	0.2	0.5	0.4	36	1.34	426.7	<0.5	3.4	35	1.2	36.1	0.4	<2	0.05
1065883	Drill Core	3.43	<0.005	0.5	11.5	17.0	61	0.2	0.4	0.2	26	0.99	283.9	<0.5	3.6	31	1.0	34.6	0.2	<2	0.05
1065884	Drill Core	4.88	0.219	0.4	10.2	91.3	13	1.0	0.5	0.2	30	0.95	219.9	242.5	3.0	40	0.4	17.9	0.2	<2	0.05
1065885	Rock Pulp	0.14	>10	8.0	121.8	16.0	54	>100	15.6	11.0	606	3.58	231.1	11992	2.9	74	0.3	8.6	16.6	70	1.80
1065886	Drill Core	4.61	0.226	0.5	6.8	94.2	18	1.9	0.5	0.2	32	1.57	199.1	241.1	3.1	71	0.4	21.1	0.2	<2	0.05
1065887	Drill Core	5.31	0.014	0.5	14.1	26.7	246	0.2	1.8	1.0	71	2.16	376.1	2.7	4.2	41	0.4	28.2	0.2	4	0.08
1065888	Drill Core	4.46	0.007	1.1	9.4	5.2	219	<0.1	5.5	4.9	226	2.30	156.0	1.2	3.7	31	1.3	2.7	0.2	18	0.11
1065889	Drill Core	5.99	0.008	1.2	11.4	5.2	223	<0.1	5.4	3.9	118	2.19	79.7	1.3	3.9	23	1.3	1.6	0.2	12	0.10
1065890	Drill Core	4.86	<0.005	1.9	7.7	3.8	115	<0.1	1.5	1.7	107	2.08	26.8	1.0	3.4	32	0.8	0.7	0.4	8	0.08

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 02, 2011

CERTIFICATE OF ANALYSIS WHI11000893.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1065861	Drill Core	0.024	11	1	0.03	176	<0.001	8	0.27	0.007	0.48	0.1	0.18	2.8	1.5	0.56	2	0.5	<0.2		
1065862	Drill Core	0.019	4	2	0.03	196	<0.001	5	0.24	0.004	0.49	0.1	0.12	2.4	1.8	0.59	2	<0.5	<0.2		
1065863	Drill Core	0.046	8	2	0.04	132	<0.001	4	0.35	0.004	0.42	0.1	0.04	5.8	1.4	0.41	1	<0.5	<0.2		
1065864	Drill Core	0.093	8	3	0.04	161	<0.001	4	0.36	0.004	0.34	<0.1	0.03	4.5	1.1	0.37	2	<0.5	<0.2		
1065865	Rock	0.011	<1	<1	11.21	12	<0.001	<1	0.01	0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1065866	Drill Core	0.062	11	7	0.02	176	<0.001	1	0.44	0.003	0.32	<0.1	0.06	3.7	0.8	0.27	<1	<0.5	0.2		
1065867	Drill Core	0.041	9	2	0.03	202	<0.001	2	0.49	0.003	0.23	<0.1	0.03	2.9	0.5	0.14	<1	<0.5	<0.2		
1065868	Drill Core	0.026	9	<1	0.04	183	<0.001	4	0.32	0.003	0.25	0.2	0.04	1.9	0.7	0.29	<1	<0.5	<0.2		
1065869	Drill Core	0.008	8	1	0.03	98	<0.001	5	0.24	0.002	0.21	0.1	0.02	0.4	0.4	0.14	<1	<0.5	<0.2		
1065870	Drill Core	0.006	8	1	0.03	66	<0.001	3	0.24	0.002	0.15	0.1	0.04	0.8	0.4	0.06	<1	<0.5	<0.2		
1065871	Drill Core	0.044	7	3	0.19	201	0.009	3	0.77	0.013	0.34	0.1	0.07	9.2	0.8	0.33	3	<0.5	<0.2		
1065872	Drill Core	0.075	8	3	0.78	351	0.136	<1	2.19	0.017	0.78	<0.1	0.01	14.2	0.3	<0.05	7	0.5	<0.2		
1065873	Drill Core	0.081	7	2	0.94	499	0.237	<1	2.30	0.040	1.15	0.1	0.02	13.8	0.3	0.07	8	<0.5	<0.2		
1065874	Drill Core	0.035	16	1	0.23	200	0.046	<1	1.01	0.006	0.37	0.1	0.03	6.0	0.3	0.16	3	0.5	<0.2		
1065875	Rock	0.014	<1	<1	12.09	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		
1065876	Drill Core	0.027	9	1	0.23	64	0.031	<1	0.93	0.005	0.35	<0.1	0.03	2.8	0.1	0.21	2	<0.5	<0.2		
1065877	Drill Core	0.038	8	2	0.08	25	<0.001	1	0.75	0.001	0.10	<0.1	0.04	2.6	<0.1	0.22	<1	<0.5	<0.2		
1065878	Drill Core	0.050	10	<1	0.17	82	<0.001	<1	0.91	0.001	0.14	<0.1	0.03	3.0	0.1	0.27	1	<0.5	<0.2		
1065879	Drill Core	0.022	7	<1	0.02	474	<0.001	<1	0.47	0.003	0.18	<0.1	0.02	1.6	0.2	0.17	<1	<0.5	<0.2		
1065880	Drill Core	0.020	6	1	0.07	400	0.009	<1	0.66	0.005	0.21	<0.1	0.01	2.5	0.1	0.22	2	<0.5	<0.2		
1065881	Drill Core	0.014	5	1	0.14	156	0.002	<1	0.81	0.018	0.17	<0.1	0.02	2.7	0.1	0.19	2	<0.5	<0.2		
1065882	Drill Core	0.015	8	<1	0.02	141	<0.001	1	0.69	0.005	0.19	<0.1	0.01	1.0	0.2	0.18	1	<0.5	<0.2		
1065883	Drill Core	0.013	7	1	0.02	108	<0.001	1	0.46	0.004	0.19	<0.1	0.02	0.9	0.2	0.17	<1	<0.5	<0.2		
1065884	Drill Core	0.006	8	4	0.02	111	<0.001	4	0.37	0.004	0.33	<0.1	0.11	0.5	0.6	0.24	1	<0.5	<0.2		
1065885	Rock Pulp	0.051	7	26	0.73	105	0.143	3	1.72	0.184	0.21	4.3	0.44	2.7	<0.1	0.18	5	5.2	2.4	172	11.3
1065886	Drill Core	0.010	14	2	0.03	140	<0.001	4	0.30	0.005	0.39	<0.1	0.17	0.5	0.9	0.54	1	<0.5	<0.2		
1065887	Drill Core	0.027	11	1	0.05	215	0.001	<1	0.71	0.029	0.23	<0.1	<0.01	2.2	0.3	0.22	2	<0.5	<0.2		
1065888	Drill Core	0.038	12	8	0.39	587	0.046	1	1.08	0.024	0.51	<0.1	<0.01	3.5	0.3	0.24	3	<0.5	<0.2		
1065889	Drill Core	0.033	12	1	0.34	506	0.046	1	1.18	0.029	0.47	<0.1	0.02	3.2	0.2	0.21	3	<0.5	<0.2		
1065890	Drill Core	0.024	9	2	0.20	359	0.015	2	0.73	0.070	0.34	<0.1	<0.01	2.0	0.2	0.38	3	0.5	<0.2		

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 02, 2011

CERTIFICATE OF ANALYSIS WHI11000893.1

Method		7TD	7TD	7TD
Analyte		Cu	Pb	Zn
Unit		%	%	%
MDL		0.001	0.02	0.01
1065861	Drill Core			
1065862	Drill Core			
1065863	Drill Core			
1065864	Drill Core			
1065865	Rock			
1065866	Drill Core			
1065867	Drill Core			
1065868	Drill Core			
1065869	Drill Core			
1065870	Drill Core			
1065871	Drill Core			
1065872	Drill Core			
1065873	Drill Core			
1065874	Drill Core			
1065875	Rock			
1065876	Drill Core			
1065877	Drill Core			
1065878	Drill Core			
1065879	Drill Core			
1065880	Drill Core			
1065881	Drill Core			
1065882	Drill Core			
1065883	Drill Core			
1065884	Drill Core			
1065885	Rock Pulp			
1065886	Drill Core			
1065887	Drill Core			
1065888	Drill Core			
1065889	Drill Core			
1065890	Drill Core			

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Project: Charlotte Project
Report Date: September 02, 2011

CERTIFICATE OF ANALYSIS WHI11000893.1

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
1065891	Drill Core	3.76	<0.005	1.0	8.5	16.9	170	0.3	1.7	2.5	86	2.42	37.6	2.1	4.2	33	0.5	1.2	0.5	2	0.36
1065892	Drill Core	3.90	<0.005	0.8	3.8	8.5	228	0.3	10.0	7.8	1779	3.10	23.5	1.3	4.0	16	3.9	1.6	0.3	4	1.06
1065893	Drill Core	4.08	0.009	<0.1	3.4	3.1	90	<0.1	8.2	3.9	497	2.78	2.6	<0.5	3.0	20	0.7	0.7	0.1	19	0.60
1065894	Drill Core	6.06	0.006	0.4	2.3	1.8	84	<0.1	4.4	3.5	309	2.45	3.1	1.0	3.0	12	0.8	0.3	0.2	20	0.46
1065895	Drill Core	3.03	0.006	0.5	2.4	1.8	71	<0.1	3.8	3.2	289	2.34	1.0	0.9	3.1	14	0.5	0.2	0.2	18	0.48
1065896	Drill Core	6.11	<0.005	1.2	7.1	8.7	61	<0.1	8.6	6.3	556	2.63	9.3	1.5	4.3	19	0.6	1.2	0.6	4	0.82
1065897	Drill Core	4.24	0.006	10.5	22.2	65.2	329	0.4	21.6	19.1	2487	4.27	33.7	5.1	2.8	44	4.0	5.7	0.3	36	2.09
1065898	Drill Core	2.51	0.189	2.1	4.3	143.1	1504	2.2	6.3	7.6	1014	2.25	632.5	208.2	2.6	6	4.8	8.4	0.2	3	0.38
1065899	Drill Core	4.97	0.005	1.0	3.8	5.0	321	<0.1	2.6	5.2	800	1.38	46.7	3.9	2.9	10	3.9	1.9	0.2	8	0.65
1065900	Drill Core	6.11	<0.005	1.0	2.3	2.6	236	<0.1	2.1	4.8	745	2.14	69.7	1.9	2.2	16	0.8	1.5	0.2	12	0.79
1065901	Drill Core	5.75	<0.005	1.0	1.4	1.1	26	<0.1	1.2	3.0	141	1.87	8.4	0.5	2.7	9	<0.1	0.6	0.2	11	0.42
1065902	Drill Core	5.27	<0.005	3.0	1.9	2.0	59	<0.1	38.5	8.4	307	2.77	5.5	<0.5	3.0	28	<0.1	1.1	0.5	34	0.94
1065903	Drill Core	4.81	<0.005	0.7	4.3	4.7	91	<0.1	3.0	4.4	378	2.30	23.6	<0.5	2.5	22	<0.1	8.4	0.2	14	1.01
1065904	Drill Core	6.01	<0.005	2.4	1.3	4.7	66	<0.1	6.1	5.4	276	2.79	4.7	<0.5	2.3	55	0.1	2.8	0.3	21	1.22
1065905	Rock Pulp	0.14	0.361	9.9	123.7	7.5	52	0.2	25.1	34.0	502	3.11	1334	374.2	3.1	80	0.2	2.1	4.5	75	1.49
1065906	Drill Core	4.60	<0.005	4.7	2.7	3.7	69	<0.1	11.2	6.4	243	2.73	8.9	<0.5	4.5	34	0.2	4.1	0.5	17	0.99
1065907	Drill Core	6.04	0.009	4.8	6.1	7.0	191	<0.1	22.8	8.8	349	3.40	20.7	0.8	3.7	13	0.9	11.9	2.0	24	0.75
1065908	Drill Core	4.66	<0.005	5.0	46.8	36.9	225	<0.1	40.5	8.8	308	2.27	75.0	1.0	3.3	24	1.9	39.9	1.9	26	0.79
1065909	Drill Core	3.32	0.181	12.0	73.2	39.2	220	2.7	31.6	8.4	680	2.48	212.2	180.7	2.6	12	3.0	41.3	1.2	10	0.47
1065910	Drill Core	3.72	0.102	1.1	28.0	403.6	2501	7.6	16.2	10.1	70	2.32	263.3	120.2	2.4	6	31.2	47.2	0.6	7	0.09
1065911	Drill Core	5.28	0.713	2.5	25.9	960.3	2278	37.8	12.6	4.5	61	2.47	1817	627.9	2.4	2	23.4	87.8	0.5	4	0.09
1065912	Drill Core	2.58	>10	0.3	6366	>10000	>10000	>100	3.1	1.5	1567	14.09	>10000	56604	0.3	1	1483	>2000	0.9	4	0.10
1065913	Rock	0.72	<0.005	<0.1	1.9	17.8	32	0.7	1.3	0.7	206	0.42	20.0	8.9	<0.1	35	0.3	4.6	<0.1	<2	19.90
1065914	Rock	0.72	0.039	<0.1	9.2	73.2	86	4.0	1.2	0.7	204	0.39	67.1	21.4	<0.1	38	1.3	26.5	<0.1	<2	22.21
1065915	Drill Core	5.42	0.666	3.5	34.8	479.0	916	22.7	23.9	9.8	53	3.24	1801	767.0	2.0	1	13.1	45.6	0.4	6	0.18
1065916	Drill Core	5.31	0.083	3.6	70.5	128.9	197	18.6	33.4	5.3	889	2.66	269.2	80.6	2.9	8	3.4	45.5	1.2	7	0.60
1065917	Drill Core	5.04	0.027	6.7	107.2	17.7	172	1.0	52.2	6.3	920	2.17	176.1	20.4	2.6	14	1.0	39.9	1.3	15	0.98
1065918	Drill Core	4.49	<0.005	25.7	90.4	12.1	327	0.3	33.9	9.7	823	3.37	84.5	1.9	2.6	25	1.0	33.9	2.2	17	1.59
1065919	Drill Core	5.21	0.007	3.8	48.1	19.0	54	0.6	27.6	10.5	1002	3.38	37.1	2.7	3.0	24	0.6	9.5	2.4	16	1.78
1065920	Drill Core	4.59	0.014	5.0	29.1	188.9	228	2.6	29.3	7.0	1085	3.01	103.8	25.6	3.0	13	3.0	12.2	1.1	6	1.05

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Project: Charlotte Project
Report Date: September 02, 2011

CERTIFICATE OF ANALYSIS WHI11000893.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1065891	Drill Core	0.031	9	1	0.07	203	0.002	2	0.57	0.025	0.36	<0.1	0.01	1.6	0.4	0.58	1	<0.5	<0.2		
1065892	Drill Core	0.016	5	1	0.36	73	0.012	2	0.99	0.016	0.39	<0.1	0.02	3.1	0.3	1.74	3	<0.5	<0.2		
1065893	Drill Core	0.024	8	2	0.87	99	0.097	<1	1.42	0.057	0.82	<0.1	<0.01	4.3	0.3	0.92	6	<0.5	<0.2		
1065894	Drill Core	0.026	8	3	0.66	53	0.046	<1	0.93	0.050	0.40	<0.1	<0.01	3.1	0.1	1.18	4	<0.5	<0.2		
1065895	Drill Core	0.025	9	3	0.64	63	0.037	<1	0.90	0.065	0.36	<0.1	<0.01	3.1	0.1	1.14	4	<0.5	<0.2		
1065896	Drill Core	0.021	4	2	0.44	19	0.004	2	0.62	0.044	0.30	<0.1	<0.01	2.3	0.3	2.52	2	1.2	<0.2		
1065897	Drill Core	0.063	8	19	1.23	22	0.042	1	1.36	0.010	0.56	<0.1	0.04	8.3	0.3	2.69	4	0.7	<0.2		
1065898	Drill Core	0.022	5	2	0.15	41	<0.001	<1	0.77	0.002	0.13	<0.1	0.04	2.3	0.2	1.29	1	<0.5	<0.2		
1065899	Drill Core	0.023	5	1	0.19	63	0.002	<1	0.60	0.001	0.07	<0.1	0.03	2.8	<0.1	0.71	1	<0.5	<0.2		
1065900	Drill Core	0.026	6	<1	0.38	63	0.013	<1	0.99	0.015	0.20	<0.1	0.04	2.7	0.2	0.84	2	<0.5	<0.2		
1065901	Drill Core	0.021	6	2	0.29	48	0.007	<1	0.61	0.043	0.12	<0.1	<0.01	2.7	<0.1	1.35	2	<0.5	<0.2		
1065902	Drill Core	0.045	6	89	1.01	27	0.061	<1	1.26	0.046	0.60	<0.1	0.02	5.2	0.3	1.84	4	0.6	0.2		
1065903	Drill Core	0.026	6	3	0.52	58	0.024	<1	1.00	0.019	0.32	<0.1	0.03	3.8	0.2	1.36	3	0.5	<0.2		
1065904	Drill Core	0.037	5	8	0.96	23	0.050	1	1.25	0.027	0.70	<0.1	<0.01	4.0	0.3	1.83	4	0.7	<0.2		
1065905	Rock Pulp	0.058	7	45	0.76	130	0.122	3	1.75	0.192	0.24	0.4	<0.01	2.6	<0.1	0.12	5	1.9	0.7		
1065906	Drill Core	0.037	11	8	0.74	24	0.029	<1	1.07	0.037	0.47	0.1	<0.01	3.4	0.2	2.18	3	1.2	<0.2		
1065907	Drill Core	0.055	11	8	0.38	14	0.005	<1	0.86	0.008	0.16	<0.1	0.02	5.1	0.1	3.17	2	2.7	0.6		
1065908	Drill Core	0.051	9	9	0.24	37	<0.001	2	0.66	0.001	0.11	<0.1	0.05	3.8	0.2	1.99	1	3.0	0.7		
1065909	Drill Core	0.058	6	3	0.14	27	<0.001	3	0.42	0.001	0.18	0.1	0.05	2.8	0.5	2.49	<1	2.8	0.5		
1065910	Drill Core	0.029	4	4	0.02	33	<0.001	3	0.41	0.001	0.20	<0.1	0.06	1.0	0.7	2.40	1	2.6	0.2		
1065911	Drill Core	0.028	2	2	0.02	36	<0.001	3	0.34	0.001	0.18	<0.1	0.06	0.7	0.6	2.65	<1	1.3	<0.2		
1065912	Drill Core	0.003	<1	2	0.05	30	<0.001	1	0.11	<0.001	0.07	<0.1	2.83	0.2	7.4	7.65	5	2.7	<0.2	3288	60.9
1065913	Rock	0.017	<1	<1	10.78	10	<0.001	<1	0.01	0.001	0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1065914	Rock	0.017	<1	<1	11.00	17	<0.001	<1	0.02	0.002	0.02	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1065915	Drill Core	0.049	2	3	0.02	25	<0.001	2	0.31	0.001	0.16	<0.1	0.04	0.9	0.7	3.42	<1	2.4	<0.2		
1065916	Drill Core	0.044	4	4	0.17	25	<0.001	3	0.34	0.001	0.18	0.1	0.05	2.1	0.5	2.53	<1	2.6	0.2		
1065917	Drill Core	0.033	6	7	0.33	44	<0.001	3	0.52	0.002	0.21	<0.1	0.09	2.6	0.5	1.81	1	2.7	0.4		
1065918	Drill Core	0.071	6	6	0.53	20	<0.001	1	0.55	0.001	0.13	<0.1	0.10	3.0	0.2	2.88	1	3.4	0.4		
1065919	Drill Core	0.080	7	5	0.61	12	<0.001	3	0.57	0.002	0.19	0.1	0.03	4.0	0.5	3.57	1	2.8	0.4		
1065920	Drill Core	0.068	4	3	0.36	15	<0.001	2	0.39	0.001	0.19	<0.1	0.04	2.1	0.5	3.22	<1	1.8	<0.2		

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 02, 2011

CERTIFICATE OF ANALYSIS WHI11000893.1

Method		7TD	7TD	7TD
Analyte		Cu	Pb	Zn
Unit		%	%	%
MDL		0.001	0.02	0.01
1065891	Drill Core			
1065892	Drill Core			
1065893	Drill Core			
1065894	Drill Core			
1065895	Drill Core			
1065896	Drill Core			
1065897	Drill Core			
1065898	Drill Core			
1065899	Drill Core			
1065900	Drill Core			
1065901	Drill Core			
1065902	Drill Core			
1065903	Drill Core			
1065904	Drill Core			
1065905	Rock Pulp			
1065906	Drill Core			
1065907	Drill Core			
1065908	Drill Core			
1065909	Drill Core			
1065910	Drill Core			
1065911	Drill Core			
1065912	Drill Core	0.666	7.22	10.97
1065913	Rock			
1065914	Rock			
1065915	Drill Core			
1065916	Drill Core			
1065917	Drill Core			
1065918	Drill Core			
1065919	Drill Core			
1065920	Drill Core			

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CERTIFICATE OF ANALYSIS WHI11000893.1

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
1065921	Drill Core	4.42	0.090	2.3	6.1	229.6	209	1.8	10.8	10.3	1751	4.71	161.3	33.0	4.1	24	2.7	14.7	0.9	7	1.66
1065922	Drill Core	5.37	2.473	1.8	58.6	1238	1453	45.5	5.3	10.2	112	6.26	9198	2690	4.5	4	18.4	112.9	0.7	5	0.16
1065923	Drill Core	5.94	0.074	8.9	20.4	220.9	277	4.4	17.0	6.3	870	3.45	251.7	77.1	2.9	8	3.9	15.4	0.6	6	0.57
1065924	Drill Core	6.20	0.007	7.6	35.1	21.8	53	0.8	18.4	8.0	1606	3.54	28.9	7.2	2.7	21	0.2	11.2	0.7	10	1.45
1065925	Rock Pulp	0.14	>10	7.7	112.2	17.3	55	>100	14.8	11.1	587	3.53	232.0	12270	3.2	71	0.2	8.7	17.9	69	1.79
1065926	Drill Core	5.75	0.159	5.6	15.6	242.7	225	5.1	11.8	11.4	959	6.47	840.3	173.7	2.1	8	2.9	21.9	0.4	9	0.65
1065927	Drill Core	6.21	0.425	3.6	29.5	901.4	1634	37.1	11.0	11.4	1305	5.60	1775	418.8	2.9	14	18.4	46.4	1.2	8	1.02
1065928	Drill Core	5.96	0.011	2.1	11.8	19.5	58	0.5	7.2	9.1	1323	4.88	18.0	3.8	2.4	54	0.2	4.7	1.8	27	3.28
1065929	Drill Core	6.96	0.895	2.4	81.9	498.8	379	4.5	4.5	10.5	2566	7.46	1188	1080	2.2	48	4.2	49.5	9.4	30	2.99
1065930	Drill Core	5.26	0.311	4.1	48.5	101.8	150	1.9	7.2	9.4	1123	6.58	363.6	352.8	2.2	45	0.9	37.9	3.6	21	1.84
1065931	Drill Core	5.38	0.011	4.6	18.0	56.9	185	0.5	8.6	9.5	860	3.49	91.0	19.4	4.9	30	1.1	12.3	0.8	17	1.59
1065932	Drill Core	7.18	<0.005	0.9	12.6	6.1	33	0.2	8.0	18.5	556	10.56	15.9	5.6	0.9	265	0.1	3.4	6.2	62	2.99
1065933	Drill Core	5.59	<0.005	1.4	25.8	42.2	109	0.3	10.3	12.0	511	5.14	6.7	3.5	2.3	965	1.4	3.4	6.9	51	1.87
1065934	Drill Core	5.89	<0.005	1.8	25.6	8.0	58	0.2	11.0	12.5	720	7.04	17.6	4.2	1.6	101	0.2	9.7	6.1	52	2.51
1065935	Drill Core	2.57	<0.005	3.1	26.7	7.0	63	0.2	10.7	13.8	762	7.41	14.5	4.2	1.8	115	0.2	9.5	5.8	53	2.72

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Project: Charlotte Project
Report Date: September 02, 2011

CERTIFICATE OF ANALYSIS WHI11000893.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1065921	Drill Core	0.052	5	3	0.64	8	<0.001	3	0.58	0.004	0.33	0.2	0.08	1.4	1.6	5.33	1	2.5	0.5		
1065922	Drill Core	0.050	4	2	0.04	13	<0.001	2	0.35	0.002	0.19	<0.1	0.10	0.7	1.0	7.08	<1	1.8	0.5		
1065923	Drill Core	0.035	5	3	0.19	16	<0.001	3	0.41	0.003	0.22	0.1	0.03	1.8	0.4	3.84	<1	2.2	0.2		
1065924	Drill Core	0.043	5	4	0.49	10	<0.001	2	0.41	0.002	0.17	0.1	0.02	3.2	0.4	3.82	<1	2.7	0.3		
1065925	Rock Pulp	0.055	7	26	0.74	113	0.121	4	1.67	0.170	0.20	4.2	0.51	2.6	<0.1	0.18	5	5.8	2.5	171	11.3
1065926	Drill Core	0.055	2	2	0.20	4	<0.001	4	0.43	0.002	0.24	0.1	0.03	2.2	0.5	7.52	<1	2.2	0.7		
1065927	Drill Core	0.070	4	2	0.31	7	<0.001	2	0.41	0.002	0.18	0.1	0.07	2.4	0.7	6.39	1	1.5	0.3		
1065928	Drill Core	0.071	8	3	1.09	8	<0.001	2	0.78	0.003	0.22	<0.1	0.01	8.3	0.3	4.66	2	2.4	0.7		
1065929	Drill Core	0.087	6	4	1.05	10	<0.001	2	0.47	0.003	0.20	0.2	0.08	9.6	0.9	7.15	1	2.7	2.8		
1065930	Drill Core	0.057	6	4	0.63	17	0.001	3	0.62	0.003	0.22	0.2	0.05	6.9	0.3	6.76	1	3.2	0.5		
1065931	Drill Core	0.048	11	4	0.53	73	0.001	2	0.69	0.002	0.16	0.1	0.04	4.6	0.2	3.06	1	1.3	0.2		
1065932	Drill Core	0.077	5	8	0.82	33	0.012	2	1.18	0.029	0.12	<0.1	0.02	11.2	0.2	>10	5	5.2	6.5		
1065933	Drill Core	0.067	8	7	0.97	34	0.052	<1	1.04	0.063	0.27	3.2	<0.01	6.8	0.2	5.12	3	2.3	1.9		
1065934	Drill Core	0.069	7	8	0.63	14	0.012	<1	0.82	0.013	0.17	0.2	0.09	8.8	0.2	6.88	3	2.9	2.7		
1065935	Drill Core	0.079	8	8	0.68	11	0.012	1	0.83	0.010	0.17	0.2	0.06	9.9	0.2	7.20	3	2.9	2.7		

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CERTIFICATE OF ANALYSIS WHI11000893.1

Method		7TD	7TD	7TD
Analyte		Cu	Pb	Zn
Unit		%	%	%
MDL		0.001	0.02	0.01
1065921	Drill Core			
1065922	Drill Core			
1065923	Drill Core			
1065924	Drill Core			
1065925	Rock Pulp			
1065926	Drill Core			
1065927	Drill Core			
1065928	Drill Core			
1065929	Drill Core			
1065930	Drill Core			
1065931	Drill Core			
1065932	Drill Core			
1065933	Drill Core			
1065934	Drill Core			
1065935	Drill Core			

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Report Date: September 02, 2011

QUALITY CONTROL REPORT WHI11000893.1

	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																					
1065864	Drill Core	3.05	0.021	0.6	24.0	401.2	374	1.8	3.0	2.3	204	2.60	728.7	14.1	3.5	60	0.7	57.3	0.4	10	0.14
REP 1065864	QC			0.6	23.6	407.1	373	1.9	3.1	2.1	205	2.62	742.2	17.2	3.5	59	0.7	57.9	0.4	10	0.15
REP 1065867	QC		0.037																		
1065876	Drill Core	2.70	<0.005	0.6	42.5	5.5	380	<0.1	1.8	4.0	210	2.30	537.8	1.0	3.0	9	8.0	10.6	0.2	10	0.18
REP 1065876	QC			0.6	43.2	5.4	381	<0.1	1.8	4.4	216	2.31	549.9	0.7	3.0	9	8.0	10.5	0.2	10	0.17
1065896	Drill Core	6.11	<0.005	1.2	7.1	8.7	61	<0.1	8.6	6.3	556	2.63	9.3	1.5	4.3	19	0.6	1.2	0.6	4	0.82
REP 1065896	QC		<0.005																		
1065909	Drill Core	3.32	0.181	12.0	73.2	39.2	220	2.7	31.6	8.4	680	2.48	212.2	180.7	2.6	12	3.0	41.3	1.2	10	0.47
REP 1065909	QC			11.9	73.8	41.5	219	2.8	31.3	8.2	704	2.54	211.7	180.1	2.7	11	2.9	41.4	1.3	10	0.49
1065912	Drill Core	2.58	>10	0.3	6366	>10000	>10000	>100	3.1	1.5	1567	14.09	>10000	56604	0.3	1	1483	>2000	0.9	4	0.10
REP 1065912	QC																				
1065913	Rock	0.72	<0.005	<0.1	1.9	17.8	32	0.7	1.3	0.7	206	0.42	20.0	8.9	<0.1	35	0.3	4.6	<0.1	<2	19.90
REP 1065913	QC			<0.1	1.4	11.5	26	0.5	1.3	0.6	201	0.41	12.2	5.1	<0.1	35	0.3	2.9	<0.1	<2	20.24
1065919	Drill Core	5.21	0.007	3.8	48.1	19.0	54	0.6	27.6	10.5	1002	3.38	37.1	2.7	3.0	24	0.6	9.5	2.4	16	1.78
REP 1065919	QC		<0.005																		
Core Reject Duplicates																					
1065867	Drill Core	4.50	0.039	0.4	44.0	19.4	384	1.0	2.8	3.4	237	2.24	647.3	35.2	3.4	24	0.9	27.3	0.1	7	0.07
DUP 1065867	QC		0.039	0.4	42.3	18.4	372	0.9	3.1	3.3	233	2.19	626.2	35.6	3.4	24	0.9	25.2	0.1	7	0.08
1065902	Drill Core	5.27	<0.005	3.0	1.9	2.0	59	<0.1	38.5	8.4	307	2.77	5.5	<0.5	3.0	28	<0.1	1.1	0.5	34	0.94
DUP 1065902	QC		<0.005	2.7	1.9	1.9	55	<0.1	39.4	8.4	297	2.67	5.3	<0.5	3.0	29	<0.1	1.1	0.5	33	0.91
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			14.3	111.3	134.0	319	1.9	39.1	7.7	623	2.49	26.8	122.0	7.2	72	2.5	6.5	7.4	42	0.73
STD DS8	Standard			13.0	109.7	112.7	292	1.6	38.0	7.5	595	2.46	23.1	128.5	6.5	62	2.0	5.3	6.2	40	0.72
STD DS8	Standard			12.5	109.6	131.6	344	2.2	37.4	7.7	627	2.49	55.3	150.6	7.2	63	2.7	11.5	6.7	41	0.72
STD OXH82	Standard		1.272																		
STD OXH82	Standard		1.284																		

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QUALITY CONTROL REPORT WHI11000893.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
Pulp Duplicates																					
1065864	Drill Core	0.093	8	3	0.04	161	<0.001	4	0.36	0.004	0.34	<0.1	0.03	4.5	1.1	0.37	2	<0.5	<0.2		
REP 1065864	QC	0.095	8	3	0.04	161	<0.001	4	0.36	0.004	0.34	<0.1	0.02	4.4	1.1	0.38	2	<0.5	<0.2		
REP 1065867	QC																				
1065876	Drill Core	0.027	9	1	0.23	64	0.031	<1	0.93	0.005	0.35	<0.1	0.03	2.8	0.1	0.21	2	<0.5	<0.2		
REP 1065876	QC	0.027	9	2	0.26	64	0.033	<1	0.96	0.005	0.36	<0.1	0.03	3.0	0.1	0.22	2	<0.5	<0.2		
1065896	Drill Core	0.021	4	2	0.44	19	0.004	2	0.62	0.044	0.30	<0.1	<0.01	2.3	0.3	2.52	2	1.2	<0.2		
REP 1065896	QC																				
1065909	Drill Core	0.058	6	3	0.14	27	<0.001	3	0.42	0.001	0.18	0.1	0.05	2.8	0.5	2.49	<1	2.8	0.5		
REP 1065909	QC	0.059	6	3	0.14	32	<0.001	3	0.44	0.001	0.19	0.1	0.06	2.8	0.5	2.45	<1	3.3	0.4		
1065912	Drill Core	0.003	<1	2	0.05	30	<0.001	1	0.11	<0.001	0.07	<0.1	2.83	0.2	7.4	7.65	5	2.7	<0.2	3288	60.9
REP 1065912	QC																				
1065913	Rock	0.017	<1	<1	10.78	10	<0.001	<1	0.01	0.001	0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
REP 1065913	QC	0.018	<1	<1	10.58	10	<0.001	<1	0.01	0.001	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1065919	Drill Core	0.080	7	5	0.61	12	<0.001	3	0.57	0.002	0.19	0.1	0.03	4.0	0.5	3.57	1	2.8	0.4		
REP 1065919	QC																				
Core Reject Duplicates																					
1065867	Drill Core	0.041	9	2	0.03	202	<0.001	2	0.49	0.003	0.23	<0.1	0.03	2.9	0.5	0.14	<1	<0.5	<0.2		
DUP 1065867	QC	0.039	8	2	0.04	193	<0.001	3	0.56	0.003	0.25	<0.1	0.02	3.0	0.5	0.13	<1	<0.5	<0.2		
1065902	Drill Core	0.045	6	89	1.01	27	0.061	<1	1.26	0.046	0.60	<0.1	0.02	5.2	0.3	1.84	4	0.6	0.2		
DUP 1065902	QC	0.047	7	90	0.97	28	0.062	<1	1.11	0.038	0.56	<0.1	0.01	5.5	0.3	1.88	3	0.8	0.2		
Reference Materials																					
STD AGPROOF	Standard																			104	<0.9
STD CDN-ME-3	Standard																			268	10.0
STD DS8	Standard	0.082	15	118	0.61	303	0.125	2	0.94	0.095	0.42	3.4	0.22	2.1	5.9	0.18	5	5.1	5.3		
STD DS8	Standard	0.076	16	116	0.61	256	0.127	2	0.91	0.085	0.39	2.7	0.18	2.1	4.8	0.15	4	4.5	4.8		
STD DS8	Standard	0.082	15	117	0.63	274	0.115	2	0.94	0.086	0.42	2.7	0.19	2.2	5.3	0.15	5	5.0	5.5		
STD OXH82	Standard																				
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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: Charlotte Project
Report Date: September 02, 2011

QUALITY CONTROL REPORT WHI11000893.1

		Method	7TD	7TD	7TD
		Analyte	Cu	Pb	Zn
		Unit	%	%	%
		MDL	0.001	0.02	0.01
Pulp Duplicates					
1065864	Drill Core				
REP 1065864	QC				
REP 1065867	QC				
1065876	Drill Core				
REP 1065876	QC				
1065896	Drill Core				
REP 1065896	QC				
1065909	Drill Core				
REP 1065909	QC				
1065912	Drill Core		0.666	7.22	10.97
REP 1065912	QC		0.661	7.15	10.91
1065913	Rock				
REP 1065913	QC				
1065919	Drill Core				
REP 1065919	QC				
Core Reject Duplicates					
1065867	Drill Core				
DUP 1065867	QC				
1065902	Drill Core				
DUP 1065902	QC				
Reference Materials					
STD AGPROOF	Standard				
STD CDN-ME-3	Standard				
STD DS8	Standard				
STD DS8	Standard				
STD DS8	Standard				
STD OXH82	Standard				
STD OXH82	Standard				

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Project: Charlotte Project
Report Date: September 02, 2011

QUALITY CONTROL REPORT WHI11000893.1

		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 OXH82	Standard		1.300																		
STD OXK79	Standard		3.484																		
STD OXK79	Standard		3.568																		
STD OXK79	Standard		3.638																		
STD R4T	Standard																				
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD CDN-ME-3 Expected																					
STD AGPROOF Expected																					
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 R4T 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			<0.1	<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																				
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	0.2	2.2	2.9	47	<0.1	3.3	4.1	567	2.04	<0.5	<0.5	5.4	72	<0.1	<0.1	<0.1	34	0.53
G1	Prep Blank		<0.005	0.2	2.0	2.7	44	<0.1	3.1	4.1	536	1.94	<0.5	<0.5	5.6	61	<0.1	<0.1	<0.1	34	0.49

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QUALITY CONTROL REPORT WHI11000893.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
STD OXH82	Standard																					
STD OXK79	Standard																					
STD OXK79	Standard																					
STD OXK79	Standard																					
STD R4T	Standard																					
STD OXH82 Expected																						
STD OXK79 Expected																						
STD CDN-ME-3 Expected																					276	9.77
STD AGPROOF Expected																					94	0
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 R4T Expected																						
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																				<50	<0.9
BLK	Blank																				<50	<0.9
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																					
Prep Wash																						
G1	Prep Blank	0.077	11	7	0.55	199	0.142	1	1.02	0.098	0.48	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2			
G1	Prep Blank	0.076	12	7	0.52	191	0.135	2	0.96	0.087	0.46	0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2			

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 02, 2011

QUALITY CONTROL REPORT WHI11000893.1

		7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01
STD OXH82	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD R4T	Standard	0.501	1.53	3.43
STD OXH82 Expected				
STD OXK79 Expected				
STD CDN-ME-3 Expected				
STD AGPROOF Expected				
STD DS8 Expected				
STD R4T Expected		0.502	1.518	3.376
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	<0.001	<0.02	<0.01
Prep Wash				
G1	Prep Blank			
G1	Prep Blank			

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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: August 02, 2011
Report Date: September 01, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI11000928.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-019
P.O. Number
Number of Samples: 42

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	40	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	42	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	42	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	1	Lead collection fire assay 30G fusion - Grav finish	30	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
Nicola Struyk

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS WHI11000928.1

	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
1066129	Drill Core	5.16	<0.005	2.3	2.3	17.7	25	0.2	0.4	0.6	99	0.46	1.7	2.3	11.6	10	0.2	3.0	0.3	<2	0.18
1066130	Drill Core	5.72	<0.005	2.8	2.4	22.6	33	0.2	0.6	0.7	120	0.60	5.3	2.8	12.6	10	0.1	2.9	0.3	<2	0.11
1066131	Drill Core	5.43	<0.005	2.0	1.9	23.7	61	0.4	0.4	0.7	68	0.54	4.9	<0.5	11.1	7	0.5	1.9	0.3	<2	0.05
1066132	Drill Core	2.62	<0.005	2.6	5.9	27.8	39	0.4	0.4	0.8	69	0.59	7.3	2.8	10.4	6	0.2	4.5	0.3	<2	0.04
1066133	Rock	0.61	<0.005	0.1	1.5	0.8	13	<0.1	1.4	0.9	220	0.47	<0.5	1.5	<0.1	36	<0.1	<0.1	<0.1	<2	20.24
1066134	Drill Core	2.71	0.008	0.5	21.9	2.5	52	<0.1	5.1	9.0	344	2.43	2.5	6.5	3.0	22	<0.1	1.8	<0.1	43	0.71
1066135	Drill Core	3.17	<0.005	0.3	5.4	1.3	32	<0.1	3.4	5.0	311	2.07	1.4	1.0	3.7	27	<0.1	1.2	<0.1	34	0.99
1066136	Drill Core	3.83	<0.005	0.5	8.2	1.8	36	<0.1	3.6	5.7	293	2.08	2.6	3.4	4.0	22	<0.1	1.4	<0.1	35	0.74
1066137	Drill Core	4.36	0.008	0.5	13.0	2.2	45	<0.1	4.9	7.4	338	2.30	12.3	10.4	4.4	23	<0.1	1.2	<0.1	46	1.02
1066138	Drill Core	1.97	<0.005	0.4	22.8	3.3	26	<0.1	9.5	7.1	179	2.09	10.1	5.5	3.6	12	<0.1	2.9	<0.1	37	0.27
1066139	Drill Core	1.91	0.017	0.3	18.9	1.7	50	<0.1	29.8	15.8	549	3.57	12.8	9.7	1.6	15	<0.1	2.3	<0.1	93	0.74
1066140	Drill Core	5.28	<0.005	0.4	13.9	1.6	42	<0.1	3.1	5.3	233	2.04	7.1	<0.5	4.2	12	<0.1	2.4	<0.1	29	0.31
1066141	Drill Core	4.96	<0.005	0.5	19.4	2.3	36	<0.1	2.3	5.0	276	1.81	4.4	4.9	3.8	21	<0.1	1.6	<0.1	21	0.87
1066142	Drill Core	4.48	<0.005	0.3	15.2	2.7	55	<0.1	8.3	7.2	371	2.14	3.7	0.9	3.5	29	<0.1	2.1	<0.1	41	1.28
1066143	Rock Pulp	0.14	>10	8.1	118.7	16.2	61	>100	15.5	11.4	615	3.77	240.0	12689	2.9	76	0.2	8.5	16.9	76	1.69
1066144	Drill Core	5.45	<0.005	0.3	27.7	2.7	49	0.1	4.2	4.8	350	1.94	2.9	13.7	3.7	25	<0.1	2.8	<0.1	38	1.06
1066145	Drill Core	5.30	0.010	0.5	33.3	6.2	35	<0.1	1.9	5.7	331	1.96	2.3	6.3	5.1	15	<0.1	4.2	<0.1	27	0.61
1066146	Drill Core	5.07	0.005	1.5	19.7	9.5	54	<0.1	24.3	9.7	754	2.95	6.9	4.7	5.1	46	0.2	6.4	<0.1	78	2.00
1066147	Drill Core	5.27	<0.005	0.3	19.9	6.1	67	<0.1	34.8	13.4	750	3.76	6.7	4.7	5.6	17	0.1	5.4	0.1	123	1.23
1066148	Drill Core	4.13	<0.005	1.0	17.6	26.8	84	0.1	29.0	13.2	940	3.55	16.7	4.2	5.6	26	0.7	4.6	0.1	63	3.78
1066149	Drill Core	3.80	<0.005	1.0	20.4	7.6	62	<0.1	28.5	14.8	1052	3.70	7.6	1.2	4.6	23	0.2	6.0	<0.1	114	2.43
1066150	Drill Core	3.08	<0.005	0.6	20.5	5.2	38	<0.1	21.9	10.2	317	2.78	23.5	2.6	3.5	21	0.1	4.1	<0.1	69	0.39
1066151	Drill Core	3.18	0.012	0.3	40.8	3.0	41	<0.1	15.0	15.5	438	4.32	16.9	11.7	2.5	26	<0.1	5.0	0.1	144	1.11
1066152	Drill Core	2.54	<0.005	0.3	9.9	3.9	33	<0.1	3.3	6.8	284	3.05	4.6	1.7	4.0	39	<0.1	4.3	<0.1	37	0.47
1066153	Drill Core	1.94	0.007	0.3	12.6	4.2	36	<0.1	3.8	7.8	347	3.34	5.4	5.2	4.0	35	0.1	4.5	<0.1	38	0.49
1066154	Drill Core	2.14	<0.005	0.3	19.3	3.5	54	<0.1	6.5	10.0	312	3.57	12.4	2.4	3.8	21	<0.1	3.4	<0.1	61	0.50
1066155	Drill Core	4.67	<0.005	0.5	6.3	9.7	123	<0.1	16.7	21.9	1628	4.57	44.5	1.6	2.8	30	0.3	2.9	<0.1	112	6.74
1066156	Drill Core	3.50	<0.005	0.6	2.7	5.1	50	<0.1	6.5	6.4	861	2.28	47.2	3.8	6.3	12	0.2	2.9	0.1	23	2.04
1066157	Drill Core	4.07	0.009	2.4	11.0	21.8	84	<0.1	18.5	7.9	747	2.86	54.6	31.8	6.2	70	0.3	6.8	0.1	61	4.69
1066158	Drill Core	1.51	0.019	5.8	134.1	14.3	103	0.1	37.5	42.0	1091	5.46	219.0	31.3	4.4	13	0.8	52.8	0.6	131	0.79

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CERTIFICATE OF ANALYSIS WHI11000928.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
1066129	Drill Core	0.004	11	4	0.08	160	<0.001	2	0.37	0.003	0.16	<0.1	0.03	0.5	<0.1	0.42	<1	<0.5	<0.2		
1066130	Drill Core	0.004	16	4	0.05	250	<0.001	4	0.47	0.003	0.17	0.3	0.06	0.7	<0.1	0.42	<1	<0.5	<0.2		
1066131	Drill Core	0.006	13	3	0.02	113	<0.001	3	0.32	0.002	0.18	<0.1	0.05	0.4	0.1	0.48	<1	<0.5	<0.2		
1066132	Drill Core	0.004	11	3	0.02	82	<0.001	2	0.31	0.002	0.15	0.2	0.04	0.4	0.1	0.51	<1	<0.5	<0.2		
1066133	Rock	0.015	<1	<1	11.28	10	<0.001	<1	0.02	0.001	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066134	Drill Core	0.021	7	20	0.56	81	0.027	<1	1.06	0.058	0.24	0.1	0.01	6.1	<0.1	<0.05	4	<0.5	<0.2		
1066135	Drill Core	0.032	12	12	0.44	47	0.015	<1	0.82	0.062	0.11	0.1	<0.01	4.8	<0.1	<0.05	4	<0.5	<0.2		
1066136	Drill Core	0.033	12	14	0.47	53	0.040	<1	0.86	0.066	0.17	0.2	<0.01	5.2	<0.1	<0.05	4	<0.5	<0.2		
1066137	Drill Core	0.077	12	41	0.75	75	0.077	<1	1.13	0.066	0.33	0.1	0.01	6.0	<0.1	<0.05	5	<0.5	<0.2		
1066138	Drill Core	0.031	7	15	0.35	60	0.020	<1	1.14	0.044	0.21	0.1	0.01	5.9	<0.1	<0.05	3	<0.5	<0.2		
1066139	Drill Core	0.051	6	81	1.38	118	0.167	<1	1.97	0.065	0.72	0.1	0.03	10.7	0.3	<0.05	7	<0.5	<0.2		
1066140	Drill Core	0.029	11	10	0.44	36	0.027	<1	0.81	0.073	0.12	0.3	<0.01	4.7	<0.1	0.07	4	<0.5	<0.2		
1066141	Drill Core	0.023	11	12	0.45	161	0.016	<1	0.71	0.066	0.09	<0.1	0.02	3.6	<0.1	0.13	4	<0.5	<0.2		
1066142	Drill Core	0.037	10	18	0.63	48	0.029	<1	0.95	0.061	0.15	<0.1	<0.01	5.8	<0.1	0.07	5	<0.5	<0.2		
1066143	Rock Pulp	0.051	7	25	0.74	118	0.134	5	1.78	0.188	0.22	4.7	0.55	3.0	<0.1	0.18	6	5.2	2.4	171	11.4
1066144	Drill Core	0.046	11	14	0.47	64	0.048	<1	0.80	0.060	0.19	0.8	0.02	4.4	<0.1	0.09	4	<0.5	<0.2		
1066145	Drill Core	0.027	14	9	0.25	28	0.020	<1	0.63	0.050	0.16	0.1	<0.01	4.9	<0.1	0.06	3	<0.5	<0.2		
1066146	Drill Core	0.045	17	28	0.54	100	0.041	<1	1.13	0.014	0.36	<0.1	0.04	6.9	<0.1	0.10	4	<0.5	0.3		
1066147	Drill Core	0.079	17	55	0.74	266	0.108	<1	1.76	0.005	0.82	<0.1	0.03	9.5	0.2	<0.05	6	<0.5	<0.2		
1066148	Drill Core	0.062	17	18	0.32	75	0.010	<1	1.26	0.008	0.28	<0.1	0.04	6.3	<0.1	<0.05	4	<0.5	0.3		
1066149	Drill Core	0.057	19	52	0.57	147	0.067	<1	1.71	0.004	0.48	0.3	0.03	14.1	0.3	<0.05	6	<0.5	<0.2		
1066150	Drill Core	0.025	11	32	0.56	146	0.076	<1	1.60	0.021	0.39	<0.1	0.03	7.4	0.1	<0.05	5	<0.5	<0.2		
1066151	Drill Core	0.086	7	25	1.06	138	0.157	<1	2.29	0.063	0.58	0.1	<0.01	12.6	0.2	<0.05	7	<0.5	<0.2		
1066152	Drill Core	0.034	7	4	0.50	120	0.016	<1	1.94	0.023	0.17	<0.1	0.02	6.0	0.1	<0.05	5	<0.5	<0.2		
1066153	Drill Core	0.037	10	4	0.55	101	0.012	<1	2.03	0.019	0.17	0.1	<0.01	6.4	0.1	<0.05	5	<0.5	<0.2		
1066154	Drill Core	0.048	6	10	0.78	90	0.032	<1	2.15	0.019	0.38	<0.1	<0.01	9.0	0.1	<0.05	6	<0.5	<0.2		
1066155	Drill Core	0.080	19	27	0.31	57	0.010	1	1.12	0.002	0.18	0.1	0.32	14.0	<0.1	<0.05	3	0.5	<0.2		
1066156	Drill Core	0.022	23	4	0.08	19	<0.001	<1	0.63	0.003	0.06	<0.1	0.17	3.9	<0.1	<0.05	1	<0.5	<0.2		
1066157	Drill Core	0.050	20	24	1.09	13	0.001	<1	0.77	0.001	0.05	0.2	0.02	11.8	<0.1	<0.05	2	<0.5	<0.2		
1066158	Drill Core	0.080	12	22	0.13	43	<0.001	<1	1.03	<0.001	0.05	0.1	0.22	24.1	2.3	<0.05	3	<0.5	<0.2		

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

Project: Charlotte Project
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS WHI11000928.1

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
1066159	Drill Core	2.84	0.116	2.2	117.7	10.1	117	0.2	22.8	20.0	334	6.07	236.9	256.6	2.0	48	0.7	14.2	0.9	165	0.92
1066160	Drill Core	1.06	0.062	0.8	78.8	3.6	58	0.2	30.2	32.7	647	6.06	311.8	80.5	0.8	35	0.1	17.9	0.6	183	1.10
1066161	Drill Core	5.64	2.828	0.6	65.1	2.7	25	0.2	13.8	16.2	471	3.58	150.2	2908	0.7	77	<0.1	6.1	15.1	106	2.31
1066162	Drill Core	2.80	0.133	0.9	35.3	4.1	50	<0.1	19.9	20.0	473	5.36	236.4	172.3	1.2	63	<0.1	20.4	1.1	119	2.01
1066163	Rock Pulp	0.14	0.412	9.7	130.5	7.8	50	0.2	27.4	35.5	503	3.12	1321	398.4	3.4	79	0.2	2.3	4.7	75	1.31
1066164	Drill Core	5.56	0.029	2.3	41.1	6.8	109	<0.1	14.0	30.2	2080	6.96	127.4	25.4	2.6	61	0.1	19.0	0.5	176	2.58

[redacted]

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CERTIFICATE OF ANALYSIS WHI11000928.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1066159	Drill Core	0.074	6	28	1.17	150	0.074	<1	3.35	0.048	0.25	0.6	<0.01	14.6	1.2	0.12	9	0.6	0.3		
1066160	Drill Core	0.084	5	16	1.29	140	0.063	<1	3.17	0.050	0.19	<0.1	<0.01	19.3	1.6	<0.05	9	0.8	<0.2		
1066161	Drill Core	0.080	3	25	1.09	54	0.137	1	2.17	0.212	0.17	9.5	<0.01	7.5	1.7	0.39	6	0.5	3.3		
1066162	Drill Core	0.058	5	29	1.06	149	0.030	<1	2.99	0.074	0.26	0.1	0.03	12.2	1.6	0.06	7	<0.5	0.2		
1066163	Rock Pulp	0.052	7	46	0.76	120	0.125	3	1.66	0.184	0.25	0.5	0.01	2.4	<0.1	0.12	5	2.1	0.8		
1066164	Drill Core	0.105	13	15	0.49	22	0.003	<1	1.17	<0.001	0.09	0.4	0.23	25.7	0.9	0.18	3	0.5	<0.2		

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 01, 2011

QUALITY CONTROL REPORT WHI11000928.1

	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																					
REP G1	QC		<0.005																		
1066138	Drill Core	1.97	<0.005	0.4	22.8	3.3	26	<0.1	9.5	7.1	179	2.09	10.1	5.5	3.6	12	<0.1	2.9	<0.1	37	0.27
REP 1066138	QC			0.3	22.5	3.3	26	<0.1	9.4	7.2	185	2.09	9.6	5.7	3.5	12	<0.1	3.1	0.1	37	0.26
1066145	Drill Core	5.30	0.010	0.5	33.3	6.2	35	<0.1	1.9	5.7	331	1.96	2.3	6.3	5.1	15	<0.1	4.2	<0.1	27	0.61
REP 1066145	QC			0.6	34.9	5.9	34	<0.1	1.9	5.6	332	1.94	2.3	5.4	4.9	14	<0.1	4.0	<0.1	26	0.60
Core Reject Duplicates																					
1066135	Drill Core	3.17	<0.005	0.3	5.4	1.3	32	<0.1	3.4	5.0	311	2.07	1.4	1.0	3.7	27	<0.1	1.2	<0.1	34	0.99
DUP 1066135	QC		<0.005	0.2	5.2	1.4	32	<0.1	3.5	5.2	315	2.08	1.4	2.3	3.6	27	<0.1	1.1	<0.1	35	1.03
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			12.5	106.7	132.1	315	1.7	37.3	7.5	577	2.40	23.8	113.4	7.2	65	2.2	5.7	7.3	39	0.64
STD DS8	Standard			14.4	109.6	130.8	323	2.0	39.1	7.6	630	2.62	25.1	135.4	7.1	66	2.3	5.4	6.3	43	0.74
STD OXH82	Standard		1.337																		
STD OXH82	Standard		1.276																		
STD OXH82	Standard		1.268																		
STD OXH82	Standard		1.338																		
STD OXK79	Standard		3.766																		
STD OXK79	Standard		3.572																		
STD OXK79	Standard		3.628																		
STD OXK79	Standard		3.516																		
STD CDN-ME-3 Expected																					
STD AGPROOF Expected																					
STD OXH82 Expected			1.278																		

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 01, 2011

QUALITY CONTROL REPORT WHI11000928.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
Pulp Duplicates																					
REP G1	QC																				
1066138	Drill Core	0.031	7	15	0.35	60	0.020	<1	1.14	0.044	0.21	0.1	0.01	5.9	<0.1	<0.05	3	<0.5	<0.2		
REP 1066138	QC	0.029	7	16	0.35	60	0.020	<1	1.16	0.044	0.21	0.1	0.02	5.9	<0.1	<0.05	4	<0.5	<0.2		
1066145	Drill Core	0.027	14	9	0.25	28	0.020	<1	0.63	0.050	0.16	0.1	<0.01	4.9	<0.1	0.06	3	<0.5	<0.2		
REP 1066145	QC	0.025	13	9	0.25	28	0.019	<1	0.63	0.050	0.16	<0.1	0.02	4.4	<0.1	0.07	3	<0.5	<0.2		
Core Reject Duplicates																					
1066135	Drill Core	0.032	12	12	0.44	47	0.015	<1	0.82	0.062	0.11	0.1	<0.01	4.8	<0.1	<0.05	4	<0.5	<0.2		
DUP 1066135	QC	0.032	12	12	0.46	46	0.016	1	0.83	0.064	0.11	<0.1	<0.01	4.7	<0.1	<0.05	4	<0.5	<0.2		
Reference Materials																					
STD AGPROOF	Standard																			96	<0.9
STD CDN-ME-3	Standard																			264	10.0
STD DS8	Standard	0.076	14	109	0.59	256	0.110	2	0.86	0.082	0.39	3.1	0.21	1.9	5.6	0.15	4	4.5	4.8		
STD DS8	Standard	0.087	17	122	0.63	287	0.127	3	0.95	0.090	0.42	3.1	0.22	2.5	5.5	0.16	5	5.1	5.5		
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 CDN-ME-3 Expected																				276	9.77
STD AGPROOF Expected																				94	0
STD OXH82 Expected																					

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Project: Charlotte Project
Report Date: September 01, 2011

QUALITY CONTROL REPORT WHI11000928.1

		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 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
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
BLK	Blank																				
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
Prep Wash																					
G1	Prep Blank			0.1	3.5	3.0	48	<0.1	3.0	4.1	590	2.07	<0.5	4.4	4.9	65	<0.1	0.1	0.1	39	0.55
G1	Prep Blank		<0.005	0.2	2.7	3.1	49	<0.1	2.3	4.1	613	2.11	<0.5	3.2	5.0	69	<0.1	0.1	<0.1	40	0.56
G1	Prep Blank		<0.005																		

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Project: Charlotte Project
Report Date: September 01, 2011

QUALITY CONTROL REPORT WHI11000928.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
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		
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																			<50	<0.9
BLK	Blank																			<50	<0.9
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		
Prep Wash																					
G1	Prep Blank	0.082	13	13	0.53	169	0.129	<1	0.99	0.097	0.48	0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.083	13	12	0.53	162	0.131	1	1.05	0.108	0.49	0.4	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank																				

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Client: **Coast Mountain Geological**
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PO Box 11604
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Submitted By: Gary Schellenberg
Receiving Lab: Canada-Whitehorse
Received: August 05, 2011
Report Date: September 22, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI11001048.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-020
P.O. Number
Number of Samples: 95

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	91	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	95	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	95	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	3	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN
7TD	1	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
Nicola Struyk

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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

Project: Charlotte Project
Report Date: September 22, 2011

CERTIFICATE OF ANALYSIS WHI11001048.1

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
[redacted]																					
1066165	Rock	4.54	0.079	2.8	76.0	46.5	264	2.0	17.0	37.0	3354	7.93	747.3	88.9	2.1	61	1.0	28.5	1.0	168	5.01
1066166	Rock	4.23	0.017	0.3	16.3	15.7	118	<0.1	9.9	30.7	1894	6.72	72.1	15.4	2.0	111	0.3	4.0	0.5	202	5.04
1066167	Rock	4.82	0.008	0.4	12.0	116.7	379	0.2	10.1	33.4	2424	6.83	46.9	7.1	1.6	129	2.0	3.2	0.2	189	6.09
1066168	Rock	4.51	0.010	0.8	27.0	5.7	40	<0.1	4.9	21.1	826	4.66	25.2	13.8	2.0	57	0.1	6.9	0.2	109	2.21
1066169	Rock	3.43	0.064	1.4	30.4	27.5	73	<0.1	5.0	25.1	1208	5.68	53.8	79.8	1.8	63	0.3	7.6	0.4	157	2.61
1066170	Rock	4.26	0.028	0.3	35.4	91.4	171	0.2	5.5	23.3	1315	6.77	36.6	29.5	1.3	164	0.8	5.1	0.3	148	5.37
1066171	Rock	6.01	0.022	0.2	25.0	18.3	92	0.1	3.1	22.5	1483	5.43	33.8	11.8	1.6	60	0.3	6.1	0.2	96	3.05
1066172	Rock	5.65	0.130	0.2	30.5	7.8	78	<0.1	4.6	20.6	802	4.48	21.3	66.9	1.2	50	0.2	6.0	0.2	108	2.14
1066173	Rock	0.86	<0.005	0.2	0.6	1.1	14	<0.1	1.7	1.0	218	0.44	0.5	0.8	<0.1	43	<0.1	<0.1	<0.1	2	23.71
1066174	Rock	6.13	0.032	0.5	27.1	2.7	52	<0.1	4.8	17.3	534	3.56	22.1	27.5	0.9	54	<0.1	3.1	0.2	103	1.61
1066175	Rock	5.44	0.023	0.8	19.8	6.2	112	<0.1	9.2	19.7	692	3.95	70.8	24.3	1.3	50	0.3	2.0	0.2	133	2.32
1066176	Rock	4.99	0.019	0.3	13.7	2.1	181	<0.1	8.1	17.4	612	4.52	29.3	16.3	2.6	33	0.6	1.4	0.3	150	1.33
1066177	Rock	3.50	0.014	0.9	16.0	5.1	776	<0.1	8.2	19.5	1661	5.02	60.8	12.5	2.2	59	4.6	2.4	0.2	156	2.05
1066178	Rock	3.84	<0.005	0.4	18.1	1.3	693	<0.1	8.8	21.9	907	4.81	55.6	5.5	1.8	26	2.3	2.2	0.2	160	0.97
1066179	Rock	5.20	0.005	0.4	21.6	4.3	1663	<0.1	9.0	30.4	2601	6.13	138.7	5.2	2.0	45	5.7	4.5	0.1	142	0.70
1066180	Rock	2.24	0.007	0.6	11.4	5.7	3690	<0.1	13.9	32.0	2879	8.76	253.0	3.1	2.1	49	16.8	9.4	0.2	126	1.04
1066181	Rock	2.63	0.020	0.2	47.3	8.3	2002	<0.1	10.6	31.7	2377	7.55	165.1	23.7	2.9	118	6.5	13.0	0.4	121	2.75
1066182	Rock	2.64	0.023	0.4	56.2	7.8	1539	<0.1	9.4	30.5	1634	6.51	189.3	26.5	2.9	75	4.6	16.5	0.6	111	1.31
1066183	Rock Pulp	0.14	>10	8.3	118.4	17.2	56	>100	15.5	11.1	604	3.61	237.3	12370	3.1	74	0.2	8.1	17.3	71	1.64
1066184	Rock	4.45	0.008	0.1	6.2	12.2	886	<0.1	2.4	7.7	1109	1.87	64.7	17.3	1.4	37	8.7	4.4	0.1	17	0.88
1066185	Rock	5.10	0.175	0.4	28.7	8.5	640	<0.1	6.8	22.8	1821	4.11	81.8	71.3	3.1	84	3.9	8.0	1.2	123	3.00
1066186	Rock	4.47	0.524	0.4	24.2	49.9	1085	0.2	6.4	15.2	952	4.73	185.1	649.8	3.6	72	3.4	10.4	2.1	113	2.17
1066187	Rock	3.04	0.105	0.5	21.6	68.9	943	7.0	6.1	20.0	1361	4.51	289.1	129.7	2.8	90	3.6	15.6	0.4	129	3.63

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 22, 2011

CERTIFICATE OF ANALYSIS WHI11001048.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
[redacted]																					
1066165	Rock	0.110	11	15	0.52	37	0.001	3	0.85	0.001	0.15	0.3	0.14	23.9	1.5	0.62	2	0.9	0.3		
1066166	Rock	0.100	11	25	2.00	162	0.071	1	2.89	0.004	0.92	0.1	0.01	21.8	0.6	0.06	9	<0.5	<0.2		
1066167	Rock	0.088	11	19	2.15	55	0.012	1	1.81	0.003	0.21	0.1	0.15	21.3	0.2	0.12	6	0.5	<0.2		
1066168	Rock	0.119	10	8	1.53	215	0.016	<1	2.79	0.001	0.57	0.1	0.07	12.4	0.2	0.08	8	0.5	<0.2		
1066169	Rock	0.111	11	9	1.32	171	0.040	<1	2.45	0.001	0.78	0.3	0.09	17.6	0.4	0.09	8	<0.5	<0.2		
1066170	Rock	0.096	9	7	2.04	274	0.074	<1	3.94	0.027	0.63	<0.1	0.02	12.3	0.4	0.10	10	<0.5	<0.2		
1066171	Rock	0.101	10	4	1.41	235	0.082	<1	2.47	0.033	0.65	<0.1	0.04	9.5	0.5	0.13	6	<0.5	<0.2		
1066172	Rock	0.108	7	8	1.70	448	0.157	<1	2.72	0.065	0.84	0.1	0.01	7.5	0.5	0.11	8	<0.5	<0.2		
1066173	Rock	0.017	<1	6	10.56	40	0.004	<1	0.08	0.003	0.05	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1066174	Rock	0.094	4	9	1.41	283	0.178	<1	2.24	0.131	0.70	0.2	<0.01	6.5	0.3	0.14	7	<0.5	<0.2		
1066175	Rock	0.073	6	27	2.01	323	0.193	<1	2.50	0.139	0.88	11.3	<0.01	8.7	0.4	0.16	8	0.5	<0.2		
1066176	Rock	0.076	11	28	2.42	291	0.185	<1	2.53	0.112	1.32	0.1	<0.01	10.0	0.5	0.05	9	<0.5	<0.2		
1066177	Rock	0.076	12	23	2.21	197	0.126	<1	2.31	0.073	0.87	0.2	<0.01	14.7	0.3	0.09	9	<0.5	<0.2		
1066178	Rock	0.075	9	30	2.43	266	0.180	<1	2.71	0.121	1.25	<0.1	<0.01	11.0	0.5	0.09	9	<0.5	<0.2		
1066179	Rock	0.072	14	12	2.06	330	0.081	<1	2.77	0.025	0.91	0.1	<0.01	13.6	0.5	0.07	8	<0.5	<0.2		
1066180	Rock	0.147	22	18	1.48	344	0.026	<1	2.78	0.016	0.57	0.4	0.06	18.1	0.4	<0.05	7	<0.5	<0.2		
1066181	Rock	0.077	22	10	2.07	499	0.013	<1	3.33	0.006	0.38	0.3	0.08	18.0	0.4	0.15	8	1.0	<0.2		
1066182	Rock	0.093	18	10	1.51	522	0.006	<1	3.31	0.008	0.30	1.9	0.04	19.9	0.4	0.07	7	0.6	<0.2		
1066183	Rock Pulp	0.051	7	26	0.74	113	0.136	5	1.66	0.171	0.21	4.9	0.49	2.7	<0.1	0.18	5	5.5	2.8	163	11.4
1066184	Rock	0.025	7	5	0.60	64	<0.001	<1	1.27	0.021	0.08	0.1	0.02	2.2	0.2	0.27	3	<0.5	<0.2		
1066185	Rock	0.090	14	13	2.19	245	0.074	<1	3.25	0.007	0.72	0.2	0.01	13.4	0.7	0.34	9	0.7	<0.2		
1066186	Rock	0.101	14	9	1.67	165	0.026	<1	2.85	0.008	0.39	0.2	0.03	15.2	0.3	0.29	7	0.6	0.5		
1066187	Rock	0.086	15	10	1.79	156	0.030	<1	2.38	0.007	0.41	0.1	0.04	19.3	0.3	0.20	6	<0.5	<0.2		

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Method		7TD	7TD
Analyte		Pb	Zn
Unit		%	%
MDL		0.02	0.01
[redacted]			
1066165	Rock		
1066166	Rock		
1066167	Rock		
1066168	Rock		
1066169	Rock		
1066170	Rock		
1066171	Rock		
1066172	Rock		
1066173	Rock		
1066174	Rock		
1066175	Rock		
1066176	Rock		
1066177	Rock		
1066178	Rock		
1066179	Rock		
1066180	Rock		
1066181	Rock		
1066182	Rock		
1066183	Rock Pulp		
1066184	Rock		
1066185	Rock		
1066186	Rock		
1066187	Rock		

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	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
1066188	Rock	1.22	0.038	0.4	44.9	8.8	99	0.1	11.9	35.4	1822	2.99	44.6	36.3	2.5	92	0.2	11.7	0.5	103	6.00
1066189	Rock	5.07	0.047	0.5	73.3	4.6	111	0.1	6.7	22.4	848	3.95	19.4	32.3	2.1	33	0.2	10.0	0.5	130	2.55
1066190	Rock	4.97	0.021	0.3	101.6	7.3	568	0.3	6.3	21.2	665	4.62	117.5	19.8	3.2	34	0.7	13.5	0.4	127	1.77
1066191	Rock	3.85	0.024	0.5	15.5	6.2	760	<0.1	10.8	14.0	1886	4.30	82.7	26.2	2.0	118	0.7	9.4	0.5	104	3.19
1066192	Rock	4.37	0.143	1.0	19.8	5.0	1180	<0.1	5.8	11.9	1304	4.29	198.4	159.5	3.4	77	0.8	15.2	1.3	117	2.46
1066193	Rock	2.50	0.076	0.7	14.1	5.2	948	<0.1	5.4	12.0	1406	4.10	186.5	73.2	3.1	74	0.5	12.5	0.8	113	2.59
1066194	Rock	4.74	0.093	0.7	34.0	3.4	235	<0.1	5.0	19.7	682	4.00	86.0	84.9	4.1	55	0.2	16.4	0.9	141	2.47
1066195	Rock	2.71	0.057	0.5	28.6	8.5	121	<0.1	5.4	23.0	2171	4.53	17.8	50.4	2.5	161	0.3	16.7	0.4	95	7.08
1066196	Rock	2.39	0.014	0.4	37.9	11.1	79	<0.1	6.0	23.9	1097	6.26	34.7	15.3	3.6	124	0.1	21.7	0.3	100	3.49
1066197	Rock	2.88	0.035	0.4	44.1	8.7	71	<0.1	4.9	18.9	670	6.26	22.4	46.9	3.5	82	0.1	22.0	0.3	109	2.35
1066198	Rock	4.77	<0.005	0.2	20.2	4.1	92	<0.1	4.2	14.8	373	3.08	36.9	11.3	3.0	39	0.3	9.5	0.2	85	1.17
1066199	Rock	3.21	0.005	0.2	63.4	4.7	222	<0.1	12.3	30.7	558	4.54	41.5	8.6	1.8	49	0.1	26.3	0.2	81	1.29
1066200	Rock	0.65	<0.005	<0.1	1.3	1.0	14	<0.1	0.8	0.5	210	0.46	<0.5	1.1	<0.1	41	<0.1	0.1	<0.1	<2	19.55
1066201	Rock	3.84	<0.005	0.2	12.4	6.4	72	<0.1	4.9	16.2	709	5.06	7.7	2.9	2.9	71	<0.1	12.6	<0.1	94	1.87
1066202	Rock	5.96	<0.005	0.2	17.6	4.4	119	<0.1	5.0	16.7	702	3.42	3.8	2.3	1.7	79	0.1	6.2	0.1	108	2.75
1066203	Rock	2.98	<0.005	0.1	9.3	4.7	225	<0.1	1.3	2.7	316	1.29	2.1	4.2	1.8	40	0.3	3.4	<0.1	20	0.58
1066204	Rock	3.21	<0.005	0.1	20.3	7.0	476	<0.1	7.2	23.1	1673	5.35	12.1	3.5	2.0	168	0.2	10.7	0.1	146	3.89
1066205	Rock	4.08	<0.005	0.2	23.6	5.8	527	<0.1	8.2	25.1	1729	6.55	11.4	2.2	1.9	85	0.1	16.6	0.1	144	2.98
1066206	Rock	2.88	0.005	0.9	15.0	17.4	1294	<0.1	8.8	23.7	1913	4.43	31.9	4.3	3.4	91	1.2	10.2	0.1	155	3.42
1066207	Rock	3.97	0.020	0.4	20.8	149.7	1090	0.1	5.8	17.9	2525	4.76	49.0	19.3	2.6	63	4.9	6.7	0.2	153	2.70
1066208	Rock	3.72	0.099	1.8	16.0	7.4	533	0.2	8.1	21.9	2822	4.91	35.9	88.5	2.9	30	0.3	10.0	0.6	120	1.50
1066209	Rock	4.21	0.239	1.1	19.3	749.9	5223	7.8	5.9	12.0	7013	4.99	541.4	231.5	1.3	99	52.1	14.2	1.2	35	6.26
1066210	Rock	6.82	0.045	1.0	11.1	103.5	1069	1.6	12.7	19.0	5663	3.24	850.7	49.9	4.2	78	9.9	14.2	0.2	25	4.78
1066211	Rock	6.09	0.057	2.1	9.7	48.1	376	1.3	7.1	22.7	3811	5.47	529.4	58.4	3.3	51	2.1	13.7	0.2	23	3.30
1066212	Rock	5.67	0.071	0.6	14.2	111.3	593	1.4	7.6	19.0	5429	3.68	193.5	76.2	4.1	56	4.2	9.9	0.6	21	5.01
1066213	Rock Pulp	0.14	0.393	10.1	136.6	7.5	53	0.2	26.5	35.1	519	3.33	1340	378.1	3.2	83	0.2	2.2	4.3	82	1.42
1066214	Rock	5.15	0.117	2.5	19.4	244.8	670	3.0	9.3	26.3	4790	4.25	522.9	114.3	1.6	41	5.5	15.1	1.0	23	4.06
1066215	Rock	5.71	0.109	0.4	10.5	121.7	618	1.8	6.5	18.3	3783	4.22	492.1	116.4	2.1	35	5.2	13.6	0.4	12	3.08
1066216	Rock	5.81	0.134	0.5	21.4	63.1	168	1.0	4.1	13.2	4902	4.07	349.8	143.3	2.2	47	0.9	12.6	0.3	14	4.10
1066217	Rock	3.61	0.205	0.4	22.0	406.1	551	3.9	5.2	17.5	3454	4.13	448.5	200.5	3.0	27	4.4	15.1	0.3	15	2.68

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
1066188	Rock	0.080	16	12	1.37	84	0.015	<1	2.22	0.015	0.26	<0.1	0.10	17.4	1.5	0.61	6	1.2	<0.2		
1066189	Rock	0.070	9	13	1.68	193	0.189	<1	2.12	0.118	0.68	10.1	0.01	11.7	0.7	0.63	7	0.6	<0.2		
1066190	Rock	0.089	13	12	1.89	188	0.138	<1	2.56	0.044	0.59	0.1	0.02	10.5	0.4	0.47	9	1.2	<0.2		
1066191	Rock	0.066	13	15	2.22	635	0.126	3	3.31	0.027	0.59	0.1	0.03	9.2	0.5	0.20	8	<0.5	<0.2		
1066192	Rock	0.087	13	9	1.80	187	0.059	2	2.93	0.015	0.47	0.2	0.03	14.3	0.4	0.16	8	<0.5	0.2		
1066193	Rock	0.082	13	8	1.77	205	0.066	2	3.09	0.017	0.47	0.3	0.02	12.4	0.5	0.17	8	<0.5	<0.2		
1066194	Rock	0.094	14	12	1.86	309	0.155	3	2.72	0.060	0.88	0.2	0.01	12.4	0.9	0.42	8	<0.5	0.2		
1066195	Rock	0.071	19	8	1.92	330	0.016	1	2.92	0.005	0.40	<0.1	0.06	12.7	0.7	0.41	6	<0.5	<0.2		
1066196	Rock	0.092	15	8	2.14	288	0.019	<1	4.28	0.007	0.43	<0.1	0.10	12.3	1.0	0.54	10	0.5	<0.2		
1066197	Rock	0.087	14	7	1.94	189	0.017	2	4.06	0.009	0.37	<0.1	0.08	12.8	0.7	0.63	9	<0.5	<0.2		
1066198	Rock	0.069	10	6	1.45	237	0.120	2	1.99	0.077	0.53	0.1	0.01	6.2	0.5	0.28	7	<0.5	<0.2		
1066199	Rock	0.052	9	9	1.19	128	0.022	1	2.58	0.016	0.25	0.2	0.04	6.6	1.0	1.31	7	0.9	<0.2		
1066200	Rock	0.013	<1	<1	10.39	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		
1066201	Rock	0.063	11	7	1.94	320	0.067	2	3.80	0.017	0.72	<0.1	0.02	8.7	0.3	0.14	10	<0.5	<0.2		
1066202	Rock	0.069	7	10	1.53	280	0.148	2	2.14	0.112	0.61	<0.1	<0.01	9.0	0.2	0.32	7	<0.5	<0.2		
1066203	Rock	0.018	4	6	0.42	124	0.025	2	0.84	0.076	0.17	<0.1	<0.01	1.6	<0.1	0.08	4	<0.5	<0.2		
1066204	Rock	0.076	9	11	2.07	123	0.032	1	3.31	0.006	0.35	<0.1	0.02	12.8	0.2	0.38	10	<0.5	<0.2		
1066205	Rock	0.071	9	18	2.48	384	0.129	1	3.91	0.008	1.11	<0.1	0.03	15.9	0.4	0.31	9	<0.5	<0.2		
1066206	Rock	0.096	29	10	1.45	179	0.018	2	1.47	0.003	0.21	0.2	0.24	23.2	0.2	0.23	4	<0.5	<0.2		
1066207	Rock	0.081	14	6	0.86	13	0.001	1	1.21	<0.001	0.09	<0.1	0.43	26.0	0.2	0.24	2	<0.5	<0.2		
1066208	Rock	0.075	10	9	0.62	15	0.002	2	1.01	0.001	0.08	0.1	0.24	27.1	0.5	0.40	2	<0.5	<0.2		
1066209	Rock	0.053	4	3	2.15	44	<0.001	4	0.38	0.003	0.22	0.1	0.18	10.7	0.6	2.41	1	<0.5	0.3		
1066210	Rock	0.095	6	10	1.32	89	<0.001	5	0.45	0.003	0.25	0.2	0.13	7.6	1.0	1.80	1	<0.5	<0.2		
1066211	Rock	0.098	4	3	0.96	23	<0.001	4	0.45	0.002	0.28	0.2	0.12	6.7	1.8	4.19	1	<0.5	<0.2		
1066212	Rock	0.113	7	2	1.48	59	<0.001	5	0.47	0.002	0.28	0.1	0.06	7.4	1.0	2.04	1	<0.5	<0.2		
1066213	Rock Pulp	0.058	7	47	0.76	129	0.139	4	1.78	0.194	0.26	0.5	<0.01	2.6	<0.1	0.13	5	2.5	0.6		
1066214	Rock	0.079	3	2	1.31	46	<0.001	5	0.44	0.002	0.25	0.2	0.12	7.8	1.0	3.29	1	<0.5	<0.2		
1066215	Rock	0.070	2	2	1.02	51	<0.001	4	0.40	0.002	0.24	0.1	0.12	4.4	1.4	3.54	<1	<0.5	<0.2		
1066216	Rock	0.064	4	2	1.28	62	<0.001	4	0.46	0.002	0.29	0.2	0.04	5.3	0.7	2.78	<1	<0.5	<0.2		
1066217	Rock	0.090	3	2	0.79	65	<0.001	3	0.44	0.002	0.27	0.2	0.03	4.7	1.1	3.74	1	<0.5	<0.2		

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 22, 2011

CERTIFICATE OF ANALYSIS WHI11001048.1

Method		7TD	7TD
Analyte		Pb	Zn
Unit		%	%
MDL		0.02	0.01
1066188	Rock		
1066189	Rock		
1066190	Rock		
1066191	Rock		
1066192	Rock		
1066193	Rock		
1066194	Rock		
1066195	Rock		
1066196	Rock		
1066197	Rock		
1066198	Rock		
1066199	Rock		
1066200	Rock		
1066201	Rock		
1066202	Rock		
1066203	Rock		
1066204	Rock		
1066205	Rock		
1066206	Rock		
1066207	Rock		
1066208	Rock		
1066209	Rock		
1066210	Rock		
1066211	Rock		
1066212	Rock		
1066213	Rock Pulp		
1066214	Rock		
1066215	Rock		
1066216	Rock		
1066217	Rock		

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CERTIFICATE OF ANALYSIS WHI11001048.1

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
1066218	Rock	2.60	2.323	0.3	413.3	>10000	>10000	>100	4.7	17.2	3498	8.13	4436	2221	0.9	17	421.1	255.4	1.0	10	1.45
1066219	Rock	0.46	<0.005	0.1	1.7	20.3	40	0.3	1.0	0.7	226	0.48	6.1	0.8	<0.1	40	0.4	0.8	<0.1	<2	20.72
1066220	Rock	4.96	0.584	0.5	29.4	1153	1275	13.9	7.5	22.0	3700	6.71	2901	587.9	1.2	28	15.8	47.8	0.1	15	2.25
1066221	Rock	5.59	0.448	0.4	16.7	430.4	1039	5.2	11.8	29.0	2544	6.44	2956	458.5	1.6	21	11.4	19.2	0.2	18	1.80
1066222	Rock	4.90	0.266	0.3	40.0	106.9	324	1.5	15.4	33.9	4697	7.96	636.1	281.8	2.0	23	2.3	22.2	1.0	150	1.59
1066223	Rock Pulp	0.14	>10	8.7	126.3	18.2	61	>100	15.1	11.0	596	3.73	234.7	13554	3.3	82	0.4	10.0	17.6	75	1.71
1066224	Rock	6.45	0.116	0.3	34.7	118.2	444	1.9	16.1	20.1	1878	3.40	694.2	122.0	2.2	36	2.2	17.5	0.3	44	1.94
1066225	Rock	4.26	0.088	1.1	39.4	17.7	172	1.8	38.0	18.7	2922	4.21	584.1	95.0	4.2	35	0.6	18.9	0.1	43	1.94
1066226	Rock	2.90	0.006	0.3	32.4	14.9	167	0.3	29.6	16.7	2283	4.20	81.5	9.8	4.2	51	0.3	12.1	0.2	73	2.49
1066227	Rock	5.00	<0.005	0.2	44.3	15.5	133	0.2	28.7	22.8	2020	4.57	26.5	9.0	3.1	20	0.4	16.1	0.2	83	1.25
1066228	Rock	2.68	0.025	<0.1	18.6	14.6	263	0.3	11.3	12.8	2165	3.02	123.4	25.6	2.3	23	0.4	9.1	0.1	52	1.55
1066229	Rock	3.83	0.122	0.3	6.3	113.5	194	1.5	4.9	7.6	1313	2.42	501.2	121.3	2.8	12	0.8	7.9	0.1	5	0.73
1066230	Rock	3.26	0.113	0.9	6.8	144.3	619	3.1	4.2	8.8	1828	3.73	468.0	137.8	2.8	18	3.8	9.1	0.1	6	1.08
1066231	Rock	4.59	0.408	0.8	10.6	125.8	1703	2.1	4.8	10.4	2361	3.31	1543	407.0	3.6	26	114.5	9.8	0.2	7	1.28
1066232	Rock	2.80	0.031	1.2	16.3	244.2	63	1.4	0.2	0.7	56	0.70	149.5	44.9	10.8	9	4.4	4.6	0.1	<2	0.04
1066233	Rock	3.50	0.672	0.8	226.3	1455	2546	32.3	1.5	0.7	60	1.32	453.8	644.6	7.0	5	90.5	72.7	0.6	<2	0.02
1066234	Rock	1.58	0.069	0.8	194.3	1180	2464	20.4	1.6	0.7	55	1.22	378.9	467.9	6.8	5	70.3	97.9	0.6	<2	0.02
1066235	Rock	0.86	<0.005	<0.1	1.4	3.2	18	<0.1	0.9	1.0	232	0.44	1.3	2.7	<0.1	35	0.2	0.1	<0.1	<2	21.19
1066236	Rock	5.03	0.137	1.3	58.7	987.0	1626	5.2	1.5	0.9	105	1.43	445.8	133.6	6.8	3	89.0	15.5	<0.1	<2	0.07
1066237	Rock	3.94	1.098	1.0	106.4	1663	3200	19.6	1.0	1.0	55	2.59	7580	987.4	1.3	2	70.3	78.2	0.2	2	0.04
1066238	Rock	3.84	1.430	1.4	116.4	3533	4414	23.3	1.2	2.5	77	3.48	7518	1380	3.4	3	117.7	96.3	1.7	3	0.03
1066239	Rock	0.80	<0.005	<0.1	1.3	6.5	17	<0.1	0.6	0.8	179	0.43	9.2	3.8	<0.1	34	0.2	0.3	<0.1	<2	20.15
1066240	Rock	3.76	1.307	2.3	53.9	2200	4392	12.0	2.2	1.9	107	2.59	4854	1220	4.2	7	227.2	71.1	1.2	4	0.06
1066241	Rock	2.42	0.121	7.6	8.6	295.6	689	1.0	2.7	1.8	184	1.09	88.9	92.5	3.9	13	29.0	4.6	0.8	6	0.18
1066242	Rock	0.69	<0.005	0.3	2.3	3.2	15	<0.1	2.0	1.2	192	0.49	3.4	4.7	0.1	36	0.5	0.1	<0.1	3	20.22
1066243	Rock	5.34	<0.005	9.2	9.3	38.2	1296	0.2	5.3	3.1	1096	1.75	16.1	6.5	1.0	16	12.1	1.9	1.0	16	0.28
1066244	Rock	4.19	<0.005	2.8	21.3	9.5	186	0.1	8.6	6.9	565	2.46	9.2	3.2	1.6	71	2.1	1.8	0.3	53	1.06
1066245	Rock	4.01	<0.005	8.6	11.9	7.4	111	<0.1	4.0	3.0	430	1.60	5.3	4.1	1.0	71	0.4	0.9	0.2	19	1.05
1066246	Rock	3.91	<0.005	0.3	6.1	11.2	118	<0.1	1.8	1.3	377	0.89	4.5	2.0	1.0	95	0.4	0.6	0.1	5	0.98
1066247	Rock	4.55	<0.005	4.6	14.0	10.3	117	<0.1	2.9	5.2	340	1.28	6.6	2.0	1.2	83	0.6	1.0	0.3	11	0.85

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
1066218	Rock	0.033	1	3	0.53	30	<0.001	3	0.32	0.002	0.18	0.1	0.83	2.8	1.6	8.63	1	1.3	0.2	181	2.4
1066219	Rock	0.015	<1	<1	11.43	29	<0.001	<1	0.03	0.002	0.02	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066220	Rock	0.056	2	4	0.81	41	<0.001	5	0.46	0.003	0.25	0.1	0.37	4.3	2.7	6.87	1	<0.5	<0.2		
1066221	Rock	0.095	2	2	0.59	14	<0.001	4	0.50	0.005	0.27	0.1	0.11	5.4	1.5	6.44	1	<0.5	<0.2		
1066222	Rock	0.096	8	13	0.89	47	0.001	3	0.92	0.002	0.13	0.1	0.47	19.2	1.1	2.04	2	<0.5	0.2		
1066223	Rock Pulp	0.052	8	25	0.74	120	0.151	4	1.78	0.189	0.22	4.5	0.47	2.8	<0.1	0.18	6	5.3	2.7	173	11.1
1066224	Rock	0.049	5	12	0.66	62	<0.001	3	0.73	0.002	0.19	<0.1	0.12	12.6	1.4	1.90	2	<0.5	<0.2		
1066225	Rock	0.062	8	24	0.73	29	<0.001	5	0.73	0.001	0.24	0.1	0.14	10.2	1.3	2.45	2	<0.5	<0.2		
1066226	Rock	0.057	12	24	0.88	14	0.001	3	0.78	0.001	0.11	0.1	0.13	14.4	0.7	1.01	2	1.3	<0.2		
1066227	Rock	0.066	11	41	0.58	45	0.001	1	0.91	<0.001	0.06	0.1	0.35	19.1	0.2	0.50	2	0.6	<0.2		
1066228	Rock	0.058	7	14	0.54	18	0.001	3	0.67	0.001	0.10	<0.1	0.21	13.6	0.6	0.48	2	0.7	<0.2		
1066229	Rock	0.036	4	3	0.23	41	<0.001	4	0.33	0.002	0.19	0.2	0.05	2.1	0.7	2.20	<1	<0.5	<0.2		
1066230	Rock	0.038	3	3	0.35	21	<0.001	3	0.28	0.002	0.16	<0.1	0.05	2.5	1.1	3.66	<1	0.8	<0.2		
1066231	Rock	0.037	3	4	0.46	31	<0.001	3	0.40	0.002	0.21	0.2	0.08	3.1	1.6	2.96	<1	<0.5	<0.2		
1066232	Rock	0.005	7	3	0.02	34	<0.001	4	0.36	0.002	0.20	<0.1	0.04	0.7	0.5	0.33	<1	1.1	<0.2		
1066233	Rock	0.005	4	7	0.01	32	<0.001	4	0.24	0.002	0.15	0.1	0.67	0.2	1.8	1.22	<1	0.6	<0.2		
1066234	Rock	0.004	4	6	0.01	30	<0.001	4	0.21	0.001	0.14	0.1	0.68	0.1	1.9	1.14	<1	<0.5	<0.2		
1066235	Rock	0.015	<1	<1	11.90	19	<0.001	<1	0.02	0.001	0.02	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1066236	Rock	0.006	3	8	0.02	53	<0.001	5	0.32	0.002	0.21	0.1	0.14	0.4	0.6	1.29	<1	<0.5	<0.2		
1066237	Rock	0.010	1	5	0.02	59	<0.001	3	0.30	0.002	0.19	<0.1	0.12	0.1	0.5	2.37	<1	<0.5	<0.2		
1066238	Rock	0.009	2	5	0.02	48	<0.001	3	0.28	0.002	0.18	0.1	0.31	<0.1	2.1	3.27	<1	0.8	<0.2		
1066239	Rock	0.013	<1	<1	11.12	16	<0.001	<1	0.02	0.001	0.02	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066240	Rock	0.011	4	10	0.01	48	<0.001	3	0.32	0.002	0.18	0.1	0.21	0.5	0.8	2.42	<1	0.6	<0.2		
1066241	Rock	0.021	5	5	0.15	65	<0.001	3	0.63	0.006	0.23	0.1	0.06	0.9	0.5	0.60	2	<0.5	<0.2		
1066242	Rock	0.024	<1	2	11.15	17	0.005	<1	0.13	0.004	0.08	<0.1	0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1066243	Rock	0.041	4	14	0.40	50	0.006	1	1.01	0.038	0.20	0.1	0.02	1.2	0.2	0.15	5	<0.5	<0.2		
1066244	Rock	0.054	5	20	0.83	101	0.041	2	1.33	0.071	0.44	<0.1	0.02	3.5	0.6	0.27	7	<0.5	<0.2		
1066245	Rock	0.034	4	12	0.41	49	0.005	1	0.81	0.055	0.15	<0.1	0.03	1.2	0.1	0.22	5	<0.5	<0.2		
1066246	Rock	0.023	3	10	0.28	42	<0.001	1	0.44	0.055	0.14	<0.1	0.01	0.5	0.1	0.12	2	<0.5	<0.2		
1066247	Rock	0.029	3	12	0.20	62	0.002	2	0.50	0.065	0.15	<0.1	0.03	1.4	<0.1	0.33	3	<0.5	<0.2		

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 22, 2011

CERTIFICATE OF ANALYSIS WHI11001048.1

		Method	7TD	7TD
		Analyte	Pb	Zn
		Unit	%	%
		MDL	0.02	0.01
1066218	Rock		2.27	3.66
1066219	Rock			
1066220	Rock			
1066221	Rock			
1066222	Rock			
1066223	Rock Pulp			
1066224	Rock			
1066225	Rock			
1066226	Rock			
1066227	Rock			
1066228	Rock			
1066229	Rock			
1066230	Rock			
1066231	Rock			
1066232	Rock			
1066233	Rock			
1066234	Rock			
1066235	Rock			
1066236	Rock			
1066237	Rock			
1066238	Rock			
1066239	Rock			
1066240	Rock			
1066241	Rock			
1066242	Rock			
1066243	Rock			
1066244	Rock			
1066245	Rock			
1066246	Rock			
1066247	Rock			

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CERTIFICATE OF ANALYSIS WHI11001048.1

	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
1066248	Rock	5.38	<0.005	2.1	10.9	8.0	49	<0.1	2.9	2.2	253	1.10	4.4	1.6	1.1	86	0.2	1.2	<0.1	11	0.89
1066249	Rock	4.79	<0.005	0.2	11.2	12.2	631	<0.1	3.9	6.6	1130	2.13	8.8	2.6	2.6	19	0.3	1.5	0.3	23	0.45
1066250	Rock	5.05	0.026	1.6	22.7	10.3	1240	0.1	5.7	6.9	1319	2.18	11.2	37.4	1.5	16	3.0	1.8	0.3	22	0.32
1066251	Rock	3.88	<0.005	5.0	2.9	11.5	556	<0.1	3.6	3.2	153	1.44	4.4	1.4	2.1	18	7.2	1.5	0.1	20	0.42
1066252	Rock	1.60	<0.005	2.8	3.9	6.8	149	<0.1	2.5	1.3	129	0.94	1.8	1.2	2.1	41	1.6	1.5	<0.1	13	0.28

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CERTIFICATE OF ANALYSIS WHI11001048.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1066248	Rock	0.020	4	19	0.26	66	0.006	2	0.52	0.069	0.15	<0.1	0.03	1.3	0.1	0.13	3	<0.5	<0.2		
1066249	Rock	0.045	6	10	0.57	27	0.002	1	1.32	0.023	0.13	0.1	0.03	1.5	0.2	0.45	5	0.8	<0.2		
1066250	Rock	0.053	6	9	0.35	39	0.004	1	1.06	0.045	0.20	<0.1	0.02	2.6	0.2	0.54	4	<0.5	<0.2		
1066251	Rock	0.046	7	22	0.60	28	0.004	<1	1.88	0.007	0.15	<0.1	0.03	2.7	0.1	0.06	6	<0.5	<0.2		
1066252	Rock	0.030	4	15	0.34	60	0.029	<1	0.77	0.066	0.13	<0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2		

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CERTIFICATE OF ANALYSIS WHI11001048.1

		Method	7TD	7TD
		Analyte	Pb	Zn
		Unit	%	%
		MDL	0.02	0.01
1066248	Rock			
1066249	Rock			
1066250	Rock			
1066251	Rock			
1066252	Rock			

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Report Date: September 22, 2011

QUALITY CONTROL REPORT WHI11001048.1

	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																					
1066165	Rock	4.54	0.079	2.8	76.0	46.5	264	2.0	17.0	37.0	3354	7.93	747.3	88.9	2.1	61	1.0	28.5	1.0	168	5.01
REP 1066165	QC			2.9	77.6	45.9	273	2.2	17.6	36.8	3443	8.19	769.9	82.7	2.0	63	0.9	27.7	1.0	173	5.24
1066176	Rock	4.99	0.019	0.3	13.7	2.1	181	<0.1	8.1	17.4	612	4.52	29.3	16.3	2.6	33	0.6	1.4	0.3	150	1.33
REP 1066176	QC			0.3	14.0	2.1	180	<0.1	8.6	17.2	608	4.42	30.4	15.1	2.5	33	0.6	1.4	0.3	154	1.33
1066178	Rock	3.84	<0.005	0.4	18.1	1.3	693	<0.1	8.8	21.9	907	4.81	55.6	5.5	1.8	26	2.3	2.2	0.2	160	0.97
REP 1066178	QC			0.5	17.6	1.6	689	<0.1	9.0	22.3	871	4.84	54.2	4.1	1.8	25	2.4	2.2	0.2	157	0.97
1066185	Rock	5.10	0.175	0.4	28.7	8.5	640	<0.1	6.8	22.8	1821	4.11	81.8	71.3	3.1	84	3.9	8.0	1.2	123	3.00
REP 1066185	QC		0.152																		
1066192	Rock	4.37	0.143	1.0	19.8	5.0	1180	<0.1	5.8	11.9	1304	4.29	198.4	159.5	3.4	77	0.8	15.2	1.3	117	2.46
REP 1066192	QC			0.8	17.9	4.8	1147	<0.1	5.2	11.3	1253	4.15	189.2	137.1	3.2	75	1.0	14.0	1.1	111	2.38
1066224	Rock	6.45	0.116	0.3	34.7	118.2	444	1.9	16.1	20.1	1878	3.40	694.2	122.0	2.2	36	2.2	17.5	0.3	44	1.94
REP 1066224	QC			0.4	34.9	122.2	456	1.9	16.6	20.0	1960	3.46	709.5	115.2	2.4	36	2.2	18.4	0.4	44	2.00
REP 1066236	QC			1.3	58.6	1008	1668	5.4	1.5	0.9	105	1.46	452.9	134.8	6.9	3	94.9	15.7	<0.1	<2	0.06
1066244	Rock	4.19	<0.005	2.8	21.3	9.5	186	0.1	8.6	6.9	565	2.46	9.2	3.2	1.6	71	2.1	1.8	0.3	53	1.06
REP 1066244	QC			2.9	21.2	9.0	188	0.1	7.9	6.5	590	2.44	9.8	4.4	1.7	69	2.0	1.8	0.3	53	1.06
1066245	Rock	4.01	<0.005	8.6	11.9	7.4	111	<0.1	4.0	3.0	430	1.60	5.3	4.1	1.0	71	0.4	0.9	0.2	19	1.05
REP 1066245	QC		<0.005																		
Core Reject Duplicates																					
1066166	Rock	4.23	0.017	0.3	16.3	15.7	118	<0.1	9.9	30.7	1894	6.72	72.1	15.4	2.0	111	0.3	4.0	0.5	202	5.04
DUP 1066166	QC		0.012	0.3	16.8	16.7	119	<0.1	10.5	31.1	1976	6.87	70.2	11.1	2.0	112	0.3	3.9	0.2	207	5.02
1066201	Rock	3.84	<0.005	0.2	12.4	6.4	72	<0.1	4.9	16.2	709	5.06	7.7	2.9	2.9	71	<0.1	12.6	<0.1	94	1.87
DUP 1066201	QC		<0.005	0.3	13.2	6.5	73	<0.1	5.0	16.5	749	5.33	7.1	3.2	3.0	76	<0.1	13.6	<0.1	97	2.05
1066236	Rock	5.03	0.137	1.3	58.7	987.0	1626	5.2	1.5	0.9	105	1.43	445.8	133.6	6.8	3	89.0	15.5	<0.1	<2	0.07
DUP 1066236	QC		0.135	1.6	63.1	1451	1992	7.7	1.7	1.0	115	1.60	449.8	146.4	6.9	4	113.0	19.2	<0.1	<2	0.10
Reference Materials																					
STD AGPROOF	Standard																				
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				

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Project: Charlotte Project
Report Date: September 22, 2011

QUALITY CONTROL REPORT WHI11001048.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
Pulp Duplicates																					
1066165	Rock	0.110	11	15	0.52	37	0.001	3	0.85	0.001	0.15	0.3	0.14	23.9	1.5	0.62	2	0.9	0.3		
REP 1066165	QC	0.108	11	15	0.53	39	0.001	2	0.87	0.001	0.15	0.3	0.14	24.7	1.6	0.65	3	1.8	0.2		
1066176	Rock	0.076	11	28	2.42	291	0.185	<1	2.53	0.112	1.32	0.1	<0.01	10.0	0.5	0.05	9	<0.5	<0.2		
REP 1066176	QC	0.076	10	28	2.46	288	0.185	<1	2.59	0.112	1.38	0.1	<0.01	9.8	0.5	0.07	9	<0.5	<0.2		
1066178	Rock	0.075	9	30	2.43	266	0.180	<1	2.71	0.121	1.25	<0.1	<0.01	11.0	0.5	0.09	9	<0.5	<0.2		
REP 1066178	QC	0.072	9	29	2.42	266	0.177	<1	2.71	0.119	1.27	0.1	<0.01	10.9	0.5	0.09	8	<0.5	<0.2		
1066185	Rock	0.090	14	13	2.19	245	0.074	<1	3.25	0.007	0.72	0.2	0.01	13.4	0.7	0.34	9	0.7	<0.2		
REP 1066185	QC																				
1066192	Rock	0.087	13	9	1.80	187	0.059	2	2.93	0.015	0.47	0.2	0.03	14.3	0.4	0.16	8	<0.5	0.2		
REP 1066192	QC	0.080	13	8	1.66	176	0.053	2	2.77	0.014	0.45	0.2	0.03	13.4	0.4	0.15	8	<0.5	0.2		
1066224	Rock	0.049	5	12	0.66	62	<0.001	3	0.73	0.002	0.19	<0.1	0.12	12.6	1.4	1.90	2	<0.5	<0.2		
REP 1066224	QC	0.048	5	13	0.68	56	<0.001	4	0.76	0.002	0.19	<0.1	0.12	13.3	1.4	1.95	2	<0.5	<0.2		
REP 1066236	QC	0.006	3	7	0.03	56	<0.001	4	0.33	0.002	0.21	<0.1	0.15	0.3	0.7	1.32	<1	0.7	<0.2		
1066244	Rock	0.054	5	20	0.83	101	0.041	2	1.33	0.071	0.44	<0.1	0.02	3.5	0.6	0.27	7	<0.5	<0.2		
REP 1066244	QC	0.056	5	21	0.84	100	0.041	2	1.35	0.073	0.44	<0.1	0.03	3.7	0.6	0.28	7	<0.5	<0.2		
1066245	Rock	0.034	4	12	0.41	49	0.005	1	0.81	0.055	0.15	<0.1	0.03	1.2	0.1	0.22	5	<0.5	<0.2		
REP 1066245	QC																				
Core Reject Duplicates																					
1066166	Rock	0.100	11	25	2.00	162	0.071	1	2.89	0.004	0.92	0.1	0.01	21.8	0.6	0.06	9	<0.5	<0.2		
DUP 1066166	QC	0.107	11	26	2.10	167	0.072	<1	3.02	0.004	0.93	0.1	0.02	22.0	0.6	0.08	10	<0.5	<0.2		
1066201	Rock	0.063	11	7	1.94	320	0.067	2	3.80	0.017	0.72	<0.1	0.02	8.7	0.3	0.14	10	<0.5	<0.2		
DUP 1066201	QC	0.070	12	7	2.09	340	0.074	1	4.05	0.017	0.79	<0.1	0.02	9.2	0.3	0.13	10	<0.5	<0.2		
1066236	Rock	0.006	3	8	0.02	53	<0.001	5	0.32	0.002	0.21	0.1	0.14	0.4	0.6	1.29	<1	<0.5	<0.2		
DUP 1066236	QC	0.006	3	9	0.05	52	<0.001	5	0.31	0.003	0.20	0.1	0.16	0.3	0.6	1.52	<1	<0.5	<0.2		
Reference Materials																					
STD AGPROOF	Standard																			99	<0.9
STD AGPROOF	Standard																			93	<0.9
STD CDN-ME-3	Standard																			260	9.6

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Project: Charlotte Project
Report Date: September 22, 2011

QUALITY CONTROL REPORT WHI11001048.1

		Method	7TD	7TD
		Analyte	Pb	Zn
		Unit	%	%
		MDL	0.02	0.01
Pulp Duplicates				
1066165	Rock			
REP 1066165	QC			
1066176	Rock			
REP 1066176	QC			
1066178	Rock			
REP 1066178	QC			
1066185	Rock			
REP 1066185	QC			
1066192	Rock			
REP 1066192	QC			
1066224	Rock			
REP 1066224	QC			
REP 1066236	QC			
1066244	Rock			
REP 1066244	QC			
1066245	Rock			
REP 1066245	QC			
Core Reject Duplicates				
1066166	Rock			
DUP 1066166	QC			
1066201	Rock			
DUP 1066201	QC			
1066236	Rock			
DUP 1066236	QC			
Reference Materials				
STD AGPROOF	Standard			
STD AGPROOF	Standard			
STD CDN-ME-3	Standard			

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		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 CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			13.7	110.1	125.1	310	1.8	39.0	7.6	605	2.44	24.8	121.9	6.4	66	2.1	5.4	6.4	41	0.73
STD DS8	Standard			13.5	109.6	124.3	318	1.8	37.9	7.6	633	2.54	26.0	106.2	7.2	70	2.4	6.1	6.1	43	0.72
STD DS8	Standard			12.8	108.5	124.6	333	1.8	38.2	7.2	639	2.57	26.7	132.8	6.6	62	2.3	4.9	6.8	41	0.71
STD DS8	Standard			14.0	118.7	133.5	326	1.9	40.1	7.9	633	2.65	26.3	113.0	7.5	69	2.4	6.1	7.5	43	0.72
STD OREAS131B	Standard																				
STD OXH82	Standard		1.307																		
STD OXH82	Standard		1.399																		
STD OXH82	Standard		1.259																		
STD OXH82	Standard		1.294																		
STD OXH82	Standard		1.167																		
STD OXH82	Standard		1.293																		
STD OXK79	Standard		3.672																		
STD OXK79	Standard		3.859																		
STD OXK79	Standard		3.575																		
STD OXK79	Standard		3.573																		
STD OXK79	Standard		3.222																		
STD OXK79	Standard		3.746																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS131B Expected																					
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 CDN-ME-3 Expected																					
STD AGPROOF Expected																					
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		

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

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

Project: Charlotte Project
Report Date: September 22, 2011

QUALITY CONTROL REPORT WHI11001048.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
STD CDN-ME-3	Standard																			264	9.6
STD CDN-ME-3	Standard																			272	10.2
STD DS8	Standard	0.079	16	118	0.61	277	0.123	2	0.93	0.086	0.41	3.1	0.21	2.1	5.3	0.16	5	5.5	4.8		
STD DS8	Standard	0.081	17	116	0.63	287	0.122	3	0.94	0.088	0.41	2.9	0.19	2.1	5.3	0.16	5	5.4	5.3		
STD DS8	Standard	0.077	15	114	0.63	283	0.105	3	0.90	0.087	0.41	3.3	0.22	2.0	5.8	0.16	5	6.6	4.8		
STD DS8	Standard	0.081	15	125	0.63	271	0.126	3	0.91	0.087	0.42	2.7	0.20	2.2	5.6	0.17	5	5.1	5.1		
STD OREAS131B	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 OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS131B 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 CDN-ME-3 Expected																				276	9.77
STD AGPROOF Expected																				94	0
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 22, 2011

QUALITY CONTROL REPORT WHI11001048.1

		7TD Pb % 0.02	7TD Zn % 0.01
STD CDN-ME-3	Standard		
STD CDN-ME-3	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD OREAS131B	Standard	1.91	3.19
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 OXH82 Expected			
STD OXK79 Expected			
STD OREAS131B Expected		1.86	3.14
STD DS8 Expected			
STD CDN-ME-3 Expected			
STD AGPROOF Expected			
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		

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QUALITY CONTROL REPORT WHI11001048.1

		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
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
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			<0.1	<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			<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	2.9	2.8	48	<0.1	2.4	3.9	581	2.03	<0.5	1.2	4.9	64	<0.1	<0.1	0.2	37	0.49
G1	Prep Blank		<0.005	0.2	2.7	3.2	46	<0.1	2.4	3.8	589	2.00	<0.5	1.4	5.3	66	<0.1	<0.1	0.1	37	0.48

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Report Date: September 22, 2011

QUALITY CONTROL REPORT WHI11001048.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
BLK	Blank																			<50	<0.9
BLK	Blank																			<50	<0.9
BLK	Blank																			<50	<0.9
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	<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	<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																			<50	<0.9
BLK	Blank																			<50	<0.9
Prep Wash																					
G1	Prep Blank	0.081	12	10	0.53	164	0.134	1	0.99	0.092	0.51	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.078	13	11	0.51	162	0.131	2	0.93	0.090	0.48	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2		

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 22, 2011

QUALITY CONTROL REPORT WHI11001048.1

		7TD Pb % 0.02	7TD Zn % 0.01
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	<0.02	<0.01
BLK	Blank		
BLK	Blank		
BLK	Blank		
Prep Wash			
G1	Prep Blank		
G1	Prep Blank		

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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: August 08, 2011
Report Date: September 14, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI11001059.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-022
P.O. Number
Number of Samples: 128

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	122	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	128	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	128	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	3	Lead collection fire assay 30G fusion - Grav finish	30	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
Nicola Struyk

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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

Project: Charlotte Project
Report Date: September 14, 2011

CERTIFICATE OF ANALYSIS WHI11001059.1

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
1066253	Rock Pulp	0.15	0.411	9.2	127.5	7.0	50	0.2	26.3	35.7	464	3.18	1347	392.0	2.9	66	0.2	1.7	4.2	71	1.18
1066254	Drill Core	4.98	<0.005	0.3	1.1	5.3	235	<0.1	3.4	2.3	212	1.13	2.9	<0.5	3.0	26	1.1	1.5	0.1	18	0.41
1066255	Drill Core	5.73	<0.005	0.9	0.6	11.2	549	<0.1	3.7	4.9	1736	1.76	54.9	<0.5	2.9	89	1.7	2.3	0.2	14	2.45
1066256	Drill Core	5.74	<0.005	40.4	3.4	7.8	60	<0.1	2.2	2.8	415	1.12	5.8	<0.5	2.2	78	0.1	1.1	0.2	11	1.60
1066257	Drill Core	4.45	<0.005	5.7	6.4	6.5	33	<0.1	1.9	2.2	154	0.86	3.1	1.2	1.5	41	<0.1	1.3	0.1	11	0.64
1066258	Drill Core	5.67	<0.005	1.6	1.7	8.4	48	<0.1	0.5	0.6	164	0.42	1.8	0.7	0.3	32	0.6	0.6	<0.1	<2	0.56
1066259	Drill Core	5.45	<0.005	11.9	2.0	6.4	27	0.2	0.8	1.0	118	0.62	1.5	0.7	1.1	33	<0.1	1.3	0.1	5	0.48
1066260	Drill Core	4.82	<0.005	6.0	2.0	5.6	76	<0.1	0.9	1.0	119	0.76	1.2	0.7	1.3	29	0.9	0.9	0.2	6	0.33
1066261	Drill Core	3.87	<0.005	9.7	12.0	5.7	93	<0.1	1.0	1.1	131	0.70	1.5	<0.5	1.5	27	0.9	1.0	0.1	6	0.31
1066262	Drill Core	3.67	<0.005	0.8	11.0	5.9	45	<0.1	1.0	1.0	139	0.72	1.8	0.6	1.5	41	0.2	1.0	0.1	7	0.55
1066263	Drill Core	2.43	<0.005	0.4	6.0	5.5	39	<0.1	0.8	1.0	126	0.60	1.2	<0.5	1.4	35	0.2	1.0	0.1	6	0.50
1066264	Drill Core	1.06	0.094	4.1	66.0	140.2	496	17.2	22.4	20.2	1289	4.28	414.7	95.8	2.4	67	5.0	17.3	0.3	51	1.63
1066265	Drill Core	5.84	<0.005	10.0	5.0	5.5	34	<0.1	0.9	1.1	131	0.72	2.0	<0.5	1.3	36	0.1	0.9	<0.1	7	0.47
1066266	Drill Core	4.40	<0.005	28.1	5.2	5.1	38	<0.1	0.9	1.4	99	0.65	1.3	0.9	1.2	31	0.3	0.5	<0.1	7	0.32
1066267	Drill Core	4.58	<0.005	0.7	4.2	4.6	31	<0.1	1.0	1.6	109	0.72	1.1	<0.5	1.8	33	<0.1	0.5	<0.1	8	0.36
1066268	Drill Core	3.38	<0.005	9.9	3.4	5.3	25	<0.1	0.9	2.1	132	0.74	1.0	1.1	1.7	32	<0.1	0.6	0.1	9	0.49
1066269	Drill Core	4.74	<0.005	13.1	2.7	4.7	55	<0.1	8.3	11.0	453	2.51	1.5	1.4	0.8	53	<0.1	0.7	0.6	78	1.66
1066270	Drill Core	6.04	0.005	2.7	9.5	3.1	65	<0.1	7.9	8.7	376	1.97	2.1	1.3	1.8	47	0.1	1.3	0.8	47	1.29
1066271	Drill Core	5.20	0.010	0.5	46.6	5.0	83	0.3	7.3	20.9	939	3.75	3.9	6.0	0.8	72	<0.1	2.4	1.2	89	2.72
1066272	Drill Core	3.91	<0.005	4.0	32.2	5.8	80	0.1	8.1	15.8	826	2.97	5.9	2.2	1.6	75	<0.1	3.9	0.4	61	2.66
1066273	Rock Pulp	0.14	>10	7.9	111.6	15.5	57	>100	15.6	10.9	566	3.51	233.0	11999	2.8	67	0.3	7.2	16.5	66	1.50
1066274	Drill Core	2.24	<0.005	0.5	3.9	7.1	112	0.2	16.3	23.9	1092	4.16	8.1	12.9	0.8	105	<0.1	4.4	0.7	103	4.08
1066275	Drill Core	2.66	0.013	1.0	26.9	7.8	82	0.2	4.5	10.4	925	2.03	6.0	6.6	1.6	126	<0.1	3.0	0.6	36	4.85
1066276	Drill Core	2.70	0.008	2.1	1.3	11.5	164	0.1	2.4	2.8	410	1.55	10.2	4.3	1.7	34	0.2	4.2	0.3	11	0.99
1066277	Drill Core	3.00	0.404	1.6	396.1	1532	1666	93.6	5.6	8.1	470	3.25	1098	407.8	3.3	12	34.6	207.8	0.7	4	0.47
1066278	Drill Core	2.65	0.024	2.2	10.4	44.2	600	0.3	15.3	28.6	1600	3.85	74.3	20.7	3.3	42	2.4	14.5	1.0	65	1.56
1066279	Drill Core	5.52	<0.005	2.5	24.3	5.8	123	0.2	7.1	11.5	747	3.03	8.0	6.6	3.0	45	0.1	7.0	0.2	51	1.25
1066280	Drill Core	4.43	0.010	6.5	25.6	4.5	70	0.2	5.1	10.4	814	3.13	18.6	10.2	3.6	42	<0.1	5.1	0.1	46	1.13
1066281	Drill Core	5.49	<0.005	4.0	25.4	3.8	70	0.1	6.6	13.0	723	3.82	4.1	2.5	2.8	27	<0.1	2.6	<0.1	66	0.84
1066282	Drill Core	3.54	<0.005	0.1	1.7	5.1	26	<0.1	1.3	1.4	284	0.88	1.5	1.4	1.2	35	<0.1	1.8	<0.1	9	0.72

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Project: Charlotte Project
Report Date: September 14, 2011

CERTIFICATE OF ANALYSIS WHI11001059.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1066253	Rock Pulp	0.059	6	45	0.75	130	0.097	2	1.51	0.161	0.26	0.3	<0.01	2.2	<0.1	0.12	5	2.3	0.5		
1066254	Drill Core	0.070	7	26	0.50	39	0.029	<1	0.86	0.047	0.13	<0.1	0.11	1.9	<0.1	<0.05	4	<0.5	<0.2		
1066255	Drill Core	0.066	13	11	0.76	28	<0.001	<1	0.61	0.005	0.11	<0.1	0.14	2.9	1.2	0.17	2	<0.5	<0.2		
1066256	Drill Core	0.047	8	10	0.48	38	0.001	<1	0.48	0.027	0.11	<0.1	0.16	1.7	0.1	0.19	2	<0.5	<0.2		
1066257	Drill Core	0.030	5	13	0.26	45	0.008	<1	0.48	0.045	0.12	<0.1	0.20	1.0	<0.1	0.14	3	<0.5	<0.2		
1066258	Drill Core	0.008	2	8	0.09	20	<0.001	<1	0.23	0.042	0.08	<0.1	0.14	0.2	<0.1	0.16	<1	<0.5	<0.2		
1066259	Drill Core	0.023	3	12	0.18	28	0.008	<1	0.32	0.042	0.07	<0.1	0.29	0.6	<0.1	0.18	2	<0.5	<0.2		
1066260	Drill Core	0.026	4	11	0.21	32	0.008	<1	0.41	0.051	0.08	<0.1	0.05	0.6	<0.1	0.19	2	<0.5	<0.2		
1066261	Drill Core	0.030	4	11	0.23	27	0.015	<1	0.42	0.045	0.06	<0.1	0.02	0.7	<0.1	0.12	2	<0.5	<0.2		
1066262	Drill Core	0.032	4	12	0.22	36	0.012	<1	0.43	0.057	0.09	<0.1	0.02	0.7	<0.1	0.08	2	<0.5	<0.2		
1066263	Drill Core	0.027	4	11	0.20	28	0.010	<1	0.36	0.042	0.07	<0.1	0.01	0.6	<0.1	0.07	2	<0.5	<0.2		
1066264	Drill Core	0.077	9	35	0.86	84	0.017	<1	1.65	0.107	0.32	31.1	0.05	7.1	1.0	0.80	4	<0.5	<0.2		
1066265	Drill Core	0.026	3	13	0.22	46	0.015	<1	0.42	0.055	0.09	<0.1	<0.01	0.6	<0.1	0.08	2	<0.5	<0.2		
1066266	Drill Core	0.028	3	13	0.23	33	0.021	<1	0.36	0.048	0.07	<0.1	<0.01	0.5	<0.1	0.09	2	<0.5	<0.2		
1066267	Drill Core	0.037	4	14	0.24	42	0.031	<1	0.38	0.060	0.08	<0.1	<0.01	0.7	<0.1	0.06	2	<0.5	<0.2		
1066268	Drill Core	0.033	5	14	0.28	34	0.028	<1	0.39	0.056	0.08	<0.1	0.01	0.7	<0.1	0.12	3	<0.5	<0.2		
1066269	Drill Core	0.067	3	23	1.37	36	0.115	<1	1.42	0.124	0.35	<0.1	0.01	6.4	0.1	0.22	6	<0.5	0.3		
1066270	Drill Core	0.072	6	23	0.92	51	0.076	<1	1.02	0.078	0.26	<0.1	0.01	3.9	0.1	0.41	5	<0.5	<0.2		
1066271	Drill Core	0.124	5	11	1.42	112	0.113	<1	2.10	0.042	0.55	0.1	0.01	7.0	0.3	1.17	7	<0.5	<0.2		
1066272	Drill Core	0.087	7	18	1.60	172	0.035	<1	2.38	0.011	0.66	<0.1	<0.01	4.5	0.3	0.20	7	<0.5	<0.2		
1066273	Rock Pulp	0.052	7	24	0.71	108	0.115	4	1.57	0.161	0.21	4.0	0.49	2.5	<0.1	0.17	5	5.9	2.8	163	11.2
1066274	Drill Core	0.098	6	23	2.49	245	0.084	<1	3.61	0.019	1.14	<0.1	<0.01	8.6	0.5	0.31	9	<0.5	0.2		
1066275	Drill Core	0.064	8	8	1.07	157	0.013	<1	1.79	0.006	0.36	<0.1	<0.01	3.3	0.2	0.41	6	<0.5	<0.2		
1066276	Drill Core	0.045	4	14	0.63	45	0.003	<1	1.21	0.012	0.14	<0.1	0.01	1.6	0.1	0.38	4	<0.5	<0.2		
1066277	Drill Core	0.051	3	3	0.15	28	<0.001	3	0.32	<0.001	0.20	0.2	0.28	1.4	0.7	3.36	<1	<0.5	<0.2		
1066278	Drill Core	0.146	6	19	0.81	32	0.005	2	1.20	0.007	0.23	0.4	0.09	10.4	0.7	2.18	4	0.6	0.2		
1066279	Drill Core	0.087	10	19	0.80	97	0.076	<1	1.29	0.056	0.41	<0.1	<0.01	4.7	0.3	0.31	6	<0.5	<0.2		
1066280	Drill Core	0.086	13	13	0.64	89	0.093	1	1.03	0.048	0.51	<0.1	<0.01	3.9	0.3	0.61	6	<0.5	<0.2		
1066281	Drill Core	0.099	9	18	0.92	71	0.146	<1	1.42	0.043	0.58	<0.1	<0.01	3.9	0.3	0.28	9	<0.5	<0.2		
1066282	Drill Core	0.026	4	13	0.29	107	0.009	<1	0.53	0.047	0.13	<0.1	<0.01	0.9	<0.1	0.14	3	<0.5	<0.2		

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Project: Charlotte Project
Report Date: September 14, 2011

CERTIFICATE OF ANALYSIS WHI11001059.1

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
1066283	Rock	0.61	<0.005	<0.1	0.2	1.1	13	<0.1	1.2	0.6	174	0.39	<0.5	<0.5	<0.1	38	<0.1	<0.1	<0.1	<2	19.21
1066284	Drill Core	4.78	<0.005	0.4	0.9	5.3	22	<0.1	1.1	1.2	201	0.74	1.0	1.2	1.3	34	<0.1	1.5	<0.1	7	0.64
1066285	Rock	0.73	<0.005	<0.1	0.3	1.0	10	<0.1	1.1	0.7	181	0.41	<0.5	<0.5	<0.1	38	<0.1	<0.1	<0.1	<2	19.15
1066286	Drill Core	3.02	<0.005	0.1	1.2	10.0	63	<0.1	2.1	0.8	111	0.64	5.3	<0.5	1.7	21	0.1	1.7	<0.1	8	0.36
1066287	Drill Core	2.19	<0.005	0.1	0.6	8.0	63	<0.1	4.9	1.0	174	0.74	16.5	<0.5	1.5	12	0.2	1.0	<0.1	7	0.14
1066288	Drill Core	2.41	<0.005	0.1	0.3	5.9	68	<0.1	1.2	0.9	140	0.77	3.4	<0.5	1.8	26	0.1	1.7	<0.1	9	0.15
1066289	Drill Core	3.09	<0.005	<0.1	0.2	7.1	76	<0.1	1.1	0.9	124	0.79	10.6	<0.5	1.6	19	0.2	0.9	<0.1	7	0.20
1066290	Drill Core	3.01	<0.005	<0.1	0.2	6.5	97	<0.1	1.7	1.1	158	0.93	11.8	<0.5	1.9	17	0.3	0.8	<0.1	7	0.18
1066291	Drill Core	5.01	0.006	0.1	8.6	4.6	113	<0.1	7.8	3.4	347	1.44	8.1	<0.5	2.5	26	0.2	1.4	<0.1	22	0.25
1066292	Drill Core	4.43	0.013	0.2	28.0	17.7	250	0.3	8.2	6.2	970	2.40	86.9	5.8	2.5	13	1.6	4.0	0.2	9	0.17
1066293	Drill Core	4.86	<0.005	0.2	9.2	13.9	173	<0.1	5.0	6.9	557	1.49	22.0	3.7	1.7	9	0.8	0.8	<0.1	9	0.13
1066294	Drill Core	3.79	0.006	0.2	16.9	23.6	176	0.1	2.3	2.4	530	1.13	45.2	1.9	3.2	8	1.1	2.3	<0.1	4	0.13
1066295	Rock Pulp	0.14	0.402	9.7	140.0	7.8	52	0.2	26.4	35.2	523	3.35	1405	351.9	3.1	89	0.3	2.1	4.8	85	1.45
1066296	Drill Core	4.78	0.005	0.2	5.7	28.2	150	<0.1	3.1	2.0	622	0.87	73.4	<0.5	0.4	7	1.1	1.1	<0.1	2	0.09
1066297	Drill Core	4.77	<0.005	0.1	2.0	23.6	103	<0.1	2.3	1.3	253	0.60	43.8	<0.5	0.6	7	0.8	0.7	<0.1	3	0.07
1066298	Drill Core	3.82	0.007	0.1	5.7	16.5	168	<0.1	6.0	4.2	272	1.05	61.0	<0.5	0.9	9	0.8	1.3	<0.1	11	0.11
1066299	Drill Core	4.63	<0.005	0.3	61.2	7.6	208	0.1	49.2	19.3	1129	4.13	47.4	<0.5	2.9	50	0.7	8.7	<0.1	86	1.16
1066300	Drill Core	3.84	<0.005	0.1	21.2	13.5	85	<0.1	24.7	12.8	928	3.46	1.7	<0.5	2.3	101	0.2	0.4	<0.1	97	2.59
1066301	Drill Core	4.66	<0.005	<0.1	5.4	5.0	74	<0.1	6.9	12.4	750	3.22	1.3	<0.5	3.7	94	0.1	0.8	<0.1	82	2.21
1066302	Drill Core	2.94	<0.005	<0.1	12.7	6.7	100	<0.1	14.5	13.5	697	3.58	3.7	<0.5	7.0	63	0.2	6.3	<0.1	81	1.84
1066303	Drill Core	5.81	0.009	0.5	22.5	12.0	428	<0.1	49.5	22.6	1502	5.10	115.9	6.6	6.0	27	1.9	3.7	0.1	73	0.36
1066304	Drill Core	3.28	<0.005	1.2	6.5	11.4	977	0.1	420.8	45.1	3140	5.89	384.9	2.3	1.1	26	6.4	12.1	0.1	112	0.37
1066305	Drill Core	1.97	0.007	1.1	8.4	10.4	863	0.1	370.8	40.0	2721	6.02	372.0	2.2	1.7	24	5.5	12.6	0.1	116	0.35
1066306	Drill Core	3.77	0.016	1.2	103.3	16.7	757	0.3	191.2	37.8	4625	8.82	319.8	12.3	4.7	24	5.8	12.1	0.7	77	0.32
1066307	Drill Core	3.13	0.050	0.5	322.4	18.6	364	0.4	43.0	24.2	2256	7.77	127.5	43.1	7.5	19	2.7	6.8	0.9	20	0.17
1066308	Drill Core	2.90	0.589	0.7	271.2	14.3	227	0.6	16.1	4.8	281	4.08	36.9	605.9	8.6	15	1.1	16.5	1.3	21	0.15
1066309	Drill Core	2.17	1.031	1.1	681.5	23.7	633	0.7	52.6	18.1	1073	10.16	86.7	1024	4.0	16	3.8	14.5	0.9	82	0.13
1066310	Drill Core	2.38	0.048	0.5	575.2	13.7	626	0.5	47.7	9.5	209	8.55	178.9	49.6	0.6	14	3.3	15.2	0.5	178	0.21
1066311	Drill Core	5.22	0.164	4.6	307.5	446.2	197	13.3	5.4	0.7	77	1.89	170.2	148.2	1.1	8	1.4	60.4	25.6	10	0.05
1066312	Drill Core	3.79	0.048	0.8	285.1	396.7	177	27.7	2.6	0.8	83	0.89	105.5	46.7	0.9	7	0.7	132.0	16.6	<2	0.06

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1066283	Rock	0.017	<1	<1	10.95	12	0.001	<1	0.02	0.002	0.02	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066284	Drill Core	0.028	4	13	0.25	72	0.008	<1	0.48	0.045	0.10	<0.1	<0.01	0.7	<0.1	0.18	3	<0.5	<0.2		
1066285	Rock	0.015	<1	<1	10.62	11	<0.001	<1	0.01	0.002	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066286	Drill Core	0.024	5	6	0.10	39	0.001	2	0.48	0.028	0.06	0.2	<0.01	1.0	<0.1	<0.05	2	<0.5	<0.2		
1066287	Drill Core	0.028	6	5	0.08	45	<0.001	2	0.52	0.016	0.07	0.2	0.02	0.8	<0.1	<0.05	1	<0.5	<0.2		
1066288	Drill Core	0.026	5	9	0.19	47	0.006	<1	0.44	0.054	0.09	<0.1	<0.01	0.7	<0.1	<0.05	2	<0.5	<0.2		
1066289	Drill Core	0.029	5	5	0.14	44	0.001	2	0.56	0.029	0.09	<0.1	0.02	0.6	<0.1	<0.05	2	<0.5	<0.2		
1066290	Drill Core	0.033	6	5	0.16	49	0.002	1	0.61	0.018	0.08	<0.1	<0.01	0.7	<0.1	<0.05	2	<0.5	<0.2		
1066291	Drill Core	0.047	8	15	0.32	93	0.011	2	0.73	0.051	0.12	<0.1	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2		
1066292	Drill Core	0.052	12	1	0.07	671	<0.001	2	0.52	0.006	0.21	<0.1	0.05	2.1	0.4	<0.05	1	<0.5	<0.2		
1066293	Drill Core	0.032	6	3	0.08	120	<0.001	2	0.70	0.005	0.14	<0.1	0.05	1.9	0.2	<0.05	2	<0.5	<0.2		
1066294	Drill Core	0.040	10	2	0.04	132	<0.001	4	0.46	0.003	0.18	<0.1	0.02	0.6	0.2	<0.05	1	<0.5	<0.2		
1066295	Rock Pulp	0.063	8	48	0.82	141	0.142	3	1.77	0.196	0.28	0.4	<0.01	2.7	<0.1	0.13	5	2.1	0.7		
1066296	Drill Core	0.018	2	2	0.03	182	<0.001	2	0.38	0.003	0.19	<0.1	0.03	0.3	0.2	<0.05	<1	<0.5	<0.2		
1066297	Drill Core	0.017	2	3	0.03	82	<0.001	2	0.48	0.003	0.15	<0.1	0.03	0.4	0.1	<0.05	1	<0.5	<0.2		
1066298	Drill Core	0.032	4	4	0.06	64	<0.001	1	0.56	0.003	0.12	<0.1	0.04	1.8	0.1	<0.05	2	<0.5	<0.2		
1066299	Drill Core	0.093	10	50	0.70	214	0.066	2	1.30	0.047	0.28	0.1	0.18	8.9	0.3	0.06	6	<0.5	<0.2		
1066300	Drill Core	0.092	9	43	0.94	89	0.106	<1	1.26	0.085	0.13	<0.1	0.01	6.8	<0.1	0.06	6	<0.5	<0.2		
1066301	Drill Core	0.104	12	19	0.67	69	0.108	<1	1.17	0.096	0.17	<0.1	<0.01	7.2	<0.1	<0.05	6	<0.5	<0.2		
1066302	Drill Core	0.102	23	15	0.52	47	0.033	<1	1.15	0.045	0.14	0.1	<0.01	8.5	0.1	<0.05	5	<0.5	<0.2		
1066303	Drill Core	0.144	23	34	0.43	208	0.004	2	1.47	0.021	0.31	<0.1	0.06	9.9	0.8	<0.05	5	<0.5	<0.2		
1066304	Drill Core	0.140	7	535	1.19	360	0.048	<1	1.63	0.004	0.58	0.4	0.14	16.3	0.9	<0.05	10	<0.5	<0.2		
1066305	Drill Core	0.147	6	469	1.18	324	0.062	2	1.75	0.003	0.70	0.2	0.08	15.4	0.9	<0.05	10	<0.5	<0.2		
1066306	Drill Core	0.182	22	80	0.13	618	0.001	2	0.73	0.004	0.19	0.3	0.24	10.9	1.1	<0.05	2	<0.5	<0.2		
1066307	Drill Core	0.118	22	6	0.11	369	<0.001	<1	0.75	0.004	0.21	<0.1	0.11	3.3	0.6	<0.05	2	<0.5	<0.2		
1066308	Drill Core	0.090	31	6	0.12	85	<0.001	1	1.24	0.009	0.22	<0.1	0.25	4.7	0.2	<0.05	3	<0.5	<0.2		
1066309	Drill Core	0.176	16	23	0.10	159	0.002	1	0.95	0.003	0.19	0.2	0.31	12.0	0.3	<0.05	3	<0.5	<0.2		
1066310	Drill Core	0.165	7	40	0.47	164	0.079	1	1.50	<0.001	0.56	0.6	0.20	19.8	0.5	<0.05	7	<0.5	<0.2		
1066311	Drill Core	0.037	4	7	0.04	89	<0.001	3	0.57	0.025	0.16	<0.1	0.21	0.9	0.2	<0.05	2	0.6	0.4		
1066312	Drill Core	0.031	1	2	0.02	137	<0.001	2	0.49	0.042	0.06	<0.1	0.06	0.5	<0.1	<0.05	1	<0.5	0.5		

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Project: Charlotte Project
Report Date: September 14, 2011

CERTIFICATE OF ANALYSIS WHI11001059.1

	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
1066313	Drill Core	5.15	0.033	0.6	351.1	846.4	76	5.0	1.3	2.9	760	0.78	162.1	40.3	1.0	7	1.0	59.4	3.1	<2	0.05
1066314	Drill Core	4.64	0.059	2.6	449.5	144.5	349	3.2	4.3	2.5	604	3.41	201.9	70.8	1.8	12	2.7	40.3	1.0	8	0.04
1066315	Rock	0.75	<0.005	0.1	1.5	2.1	15	<0.1	0.1	0.7	228	0.45	<0.5	<0.5	<0.1	43	<0.1	0.2	<0.1	<2	22.02
1066316	Drill Core	4.39	0.077	0.3	117.1	61.3	318	1.1	5.9	4.7	1894	2.39	42.3	74.0	2.1	53	2.4	35.7	0.8	18	0.10
1066317	Drill Core	5.58	0.007	0.1	102.5	13.5	525	0.3	6.6	5.4	688	1.68	20.7	7.1	2.3	44	7.2	2.1	0.8	10	0.80
1066318	Drill Core	4.85	0.044	0.3	135.7	45.0	236	1.0	2.7	2.9	997	1.07	18.2	28.4	1.5	86	14.4	12.0	0.4	4	2.30
1066319	Drill Core	5.31	0.012	0.3	9.4	39.9	229	0.3	1.5	2.4	992	1.07	3.1	6.4	1.7	60	7.2	1.1	0.3	3	1.69
1066320	Drill Core	4.49	0.011	0.2	5.4	90.4	188	0.5	1.3	1.6	508	1.32	2.4	9.9	1.8	34	2.2	0.9	0.8	2	1.02
1066321	Drill Core	5.29	0.007	0.2	28.3	119.2	214	0.2	1.1	1.4	700	0.96	12.8	9.5	1.4	33	1.9	2.7	0.3	4	1.60
1066322	Drill Core	3.24	0.009	0.2	6.2	21.3	123	0.1	1.7	1.5	814	0.91	22.9	3.8	1.9	35	1.0	1.7	0.2	4	1.76
1066323	Drill Core	3.76	0.108	0.3	10.1	342.7	444	1.7	5.0	3.5	2982	2.20	167.3	93.9	2.3	113	4.7	8.3	0.2	16	3.34
1066324	Drill Core	2.67	0.078	0.1	19.6	36.3	291	0.7	6.6	3.2	1313	1.52	198.2	52.5	1.6	52	0.8	8.1	0.2	7	1.16
1066325	Rock Pulp	0.14	>10	7.5	122.1	17.1	58	>100	15.8	11.3	636	3.54	253.2	13104	2.9	79	0.3	9.5	19.0	76	1.67
1066326	Drill Core	3.06	0.133	0.4	168.5	75.7	798	7.7	10.5	3.6	180	2.77	1083	126.3	2.3	124	4.0	17.9	7.0	10	0.22
1066327	Drill Core	2.50	1.393	1.7	97.4	548.2	122	58.2	0.8	0.4	57	2.99	1355	1685	2.8	103	3.7	99.5	110.3	10	0.08
1066328	Drill Core	1.75	0.661	0.6	37.8	2264	90	45.9	1.1	0.5	69	1.50	4236	748.4	0.8	28	6.2	284.4	1.9	3	0.05
1066329	Rock	0.71	0.007	<0.1	0.9	6.0	11	0.1	1.1	0.8	201	0.42	7.7	3.2	<0.1	38	<0.1	1.0	<0.1	<2	17.84
1066330	Drill Core	4.06	0.031	0.1	8.6	61.4	73	0.7	1.3	0.6	64	0.58	230.9	9.3	1.1	14	2.5	5.8	0.2	5	0.06
1066331	Drill Core	3.85	0.010	0.1	12.1	11.7	218	<0.1	2.3	1.5	116	0.81	55.8	6.8	0.5	21	1.0	1.6	<0.1	5	0.19
1066332	Drill Core	2.45	0.005	0.1	8.8	8.5	177	<0.1	1.7	1.2	84	0.61	60.7	5.8	0.5	16	1.4	1.3	<0.1	5	0.07
1066333	Drill Core	2.81	0.006	0.2	7.0	9.5	130	<0.1	1.5	0.7	63	0.54	59.7	1.2	0.3	18	1.2	0.9	<0.1	4	0.06
1066334	Drill Core	2.97	0.023	0.5	11.6	48.4	185	0.3	1.6	0.8	33	0.52	148.3	23.9	0.1	10	2.7	2.9	0.1	3	0.04
1066335	Drill Core	3.32	0.053	1.5	34.2	173.6	223	1.7	2.0	0.5	39	1.57	911.0	58.1	1.6	12	22.9	24.8	0.2	12	0.05
1066336	Drill Core	2.47	2.281	0.6	57.3	486.9	252	10.3	1.5	0.5	43	2.15	8257	2789	3.5	42	13.2	28.1	0.3	6	0.08
1066337	Drill Core	1.44	3.651	0.7	68.6	412.3	616	9.7	1.6	0.6	54	2.59	9760	4071	3.9	38	24.7	32.9	0.3	7	0.08
1066338	Drill Core	2.69	0.148	0.5	33.6	73.1	210	3.0	3.1	1.2	72	1.57	877.4	166.5	1.6	23	19.9	16.3	0.2	13	0.07
1066339	Drill Core	2.37	0.011	1.1	59.7	11.4	315	0.2	35.6	12.8	300	3.45	43.0	14.2	8.8	13	5.8	1.0	0.2	148	0.28
1066340	Drill Core	3.96	0.009	1.5	17.0	43.9	241	1.0	7.7	3.1	175	1.36	97.0	11.4	2.3	13	4.5	1.8	0.2	31	0.12
1066341	Drill Core	2.95	0.049	0.2	29.3	15.7	458	0.4	16.2	16.3	421	3.33	56.4	54.2	4.1	30	2.2	1.5	0.6	99	0.87
1066342	Drill Core	4.23	0.013	0.1	21.3	25.7	471	2.0	9.2	6.7	277	1.85	212.5	13.0	2.0	19	39.5	3.4	0.2	48	0.26

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
1066313	Drill Core	0.025	4	3	0.04	88	<0.001	2	0.56	0.007	0.17	<0.1	0.30	0.3	0.2	<0.05	2	0.7	0.3		
1066314	Drill Core	0.051	7	3	0.03	189	<0.001	2	0.45	0.005	0.16	0.1	0.19	1.5	0.2	<0.05	1	<0.5	<0.2		
1066315	Rock	0.017	<1	<1	11.33	15	<0.001	<1	0.03	0.002	0.02	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066316	Drill Core	0.046	10	4	0.04	431	<0.001	2	0.57	0.015	0.21	<0.1	0.42	2.3	0.3	0.13	2	<0.5	<0.2		
1066317	Drill Core	0.043	8	3	0.13	115	<0.001	1	0.71	0.019	0.14	<0.1	0.04	0.9	0.1	0.12	2	<0.5	<0.2		
1066318	Drill Core	0.059	5	3	0.33	41	<0.001	2	0.44	0.028	0.16	<0.1	0.09	1.0	0.1	0.39	1	<0.5	<0.2		
1066319	Drill Core	0.042	4	1	0.33	33	<0.001	2	0.45	0.019	0.13	<0.1	0.02	0.6	<0.1	0.48	1	<0.5	<0.2		
1066320	Drill Core	0.045	4	2	0.23	22	<0.001	2	0.36	0.041	0.11	<0.1	0.02	0.5	<0.1	0.52	<1	<0.5	<0.2		
1066321	Drill Core	0.061	5	4	0.14	42	<0.001	3	0.42	0.033	0.16	<0.1	0.03	0.6	0.1	<0.05	1	<0.5	<0.2		
1066322	Drill Core	0.029	8	4	0.07	66	<0.001	3	0.46	0.004	0.16	<0.1	<0.01	0.7	0.2	<0.05	1	<0.5	<0.2		
1066323	Drill Core	0.044	7	10	0.79	383	<0.001	3	0.55	0.005	0.25	<0.1	0.07	2.1	0.5	0.34	1	<0.5	<0.2		
1066324	Drill Core	0.051	5	3	0.35	208	<0.001	2	0.52	0.004	0.20	<0.1	0.11	1.5	0.6	0.52	1	<0.5	<0.2		
1066325	Rock Pulp	0.052	8	26	0.76	113	0.135	4	1.74	0.181	0.22	4.4	0.52	2.5	<0.1	0.20	5	5.9	2.5	164	11.6
1066326	Drill Core	0.103	6	4	0.05	63	<0.001	2	1.01	0.005	0.24	<0.1	0.02	2.2	0.4	0.42	1	0.7	<0.2		
1066327	Drill Core	0.036	6	6	0.08	174	<0.001	1	0.48	0.011	0.54	0.1	0.15	1.9	0.9	0.84	2	0.9	2.0		
1066328	Drill Core	0.028	2	5	0.04	120	<0.001	5	0.44	0.005	0.38	<0.1	0.07	0.7	0.8	0.37	2	<0.5	<0.2		
1066329	Rock	0.017	<1	1	11.14	12	<0.001	<1	0.03	0.001	0.02	<0.1	<0.01	<0.1	<0.1	0.08	<1	<0.5	<0.2		
1066330	Drill Core	0.012	5	4	0.02	46	<0.001	1	0.50	0.006	0.15	<0.1	0.02	0.5	0.2	0.07	2	<0.5	<0.2		
1066331	Drill Core	0.021	3	5	0.19	39	0.001	<1	0.63	0.064	0.11	<0.1	0.02	0.3	<0.1	<0.05	3	<0.5	<0.2		
1066332	Drill Core	0.016	2	4	0.11	31	<0.001	<1	0.52	0.046	0.08	<0.1	0.01	0.3	<0.1	<0.05	2	<0.5	<0.2		
1066333	Drill Core	0.007	<1	5	0.09	37	<0.001	<1	0.46	0.051	0.08	<0.1	<0.01	0.2	<0.1	<0.05	2	<0.5	<0.2		
1066334	Drill Core	0.007	1	3	0.06	21	<0.001	<1	0.51	0.029	0.09	<0.1	0.02	0.2	<0.1	<0.05	1	<0.5	<0.2		
1066335	Drill Core	0.014	5	7	0.04	51	<0.001	2	0.55	0.005	0.19	<0.1	0.04	1.9	0.3	0.06	2	<0.5	<0.2		
1066336	Drill Core	0.018	16	7	0.05	174	<0.001	3	0.36	0.008	0.33	<0.1	0.10	1.2	0.6	0.42	1	0.7	<0.2		
1066337	Drill Core	0.014	15	7	0.04	157	<0.001	3	0.42	0.009	0.39	0.1	0.08	1.0	0.6	0.61	2	0.8	<0.2		
1066338	Drill Core	0.024	7	13	0.18	63	0.007	2	0.60	0.039	0.17	<0.1	0.03	0.9	0.2	0.10	3	<0.5	<0.2		
1066339	Drill Core	0.064	20	66	1.50	124	0.232	<1	1.84	0.071	1.14	<0.1	<0.01	8.6	0.6	0.45	8	1.8	<0.2		
1066340	Drill Core	0.022	8	19	0.40	48	0.030	<1	0.83	0.051	0.28	<0.1	<0.01	1.9	0.2	0.13	4	<0.5	<0.2		
1066341	Drill Core	0.119	12	46	1.18	49	0.119	<1	1.49	0.109	0.27	<0.1	<0.01	8.6	0.2	0.57	7	0.9	<0.2		
1066342	Drill Core	0.064	8	29	0.62	54	0.036	<1	1.14	0.052	0.22	<0.1	<0.01	4.8	0.9	0.11	5	0.7	<0.2		

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	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
1066343	Drill Core	4.61	0.051	0.1	5.7	20.5	244	0.1	1.3	1.3	252	0.66	23.1	63.4	0.2	17	1.3	0.5	<0.1	3	0.06
1066344	Drill Core	3.39	0.032	0.7	9.7	14.4	203	0.2	2.3	2.3	100	0.69	59.9	54.0	1.0	19	3.6	1.3	<0.1	8	0.09
1066345	Rock Pulp	0.14	0.405	10.2	145.4	8.6	55	0.2	27.2	36.6	530	3.36	1482	405.8	3.3	92	0.2	1.9	5.0	89	1.48
1066346	Drill Core	3.83	0.018	0.3	23.1	25.3	517	0.1	9.7	8.2	237	1.40	12.4	17.1	2.1	35	6.4	1.3	0.1	28	0.15
1066347	Drill Core	4.35	0.161	0.2	13.7	89.7	244	0.5	2.2	1.0	96	0.81	157.1	196.1	0.9	22	8.8	3.1	<0.1	3	0.06
1066348	Drill Core	2.85	0.024	0.5	31.9	212.0	394	1.7	7.4	1.3	113	2.32	1005	24.0	3.8	27	10.7	25.9	0.9	23	0.14
1066349	Drill Core	4.56	0.007	0.5	14.8	47.0	223	0.2	4.4	2.7	117	0.87	103.7	11.9	1.4	18	32.7	2.3	0.1	15	0.13
1066350	Drill Core	3.91	0.014	1.4	34.8	11.5	806	0.3	24.9	9.1	821	2.95	168.0	14.6	5.1	26	5.8	2.6	0.6	92	0.53
1066351	Drill Core	5.46	0.026	0.2	7.8	8.6	201	<0.1	1.9	1.5	196	0.81	13.7	38.6	0.3	22	0.3	0.4	0.1	8	0.11
1066352	Drill Core	3.36	0.027	2.3	9.0	7.5	100	<0.1	1.8	1.4	115	0.77	21.8	17.9	0.2	20	0.2	0.4	<0.1	8	0.08
1066353	Drill Core	3.64	0.008	0.8	10.2	16.8	482	<0.1	3.6	3.0	478	0.80	7.8	11.1	0.6	19	0.7	0.5	<0.1	8	0.08
1066354	Drill Core	4.49	0.009	0.4	29.3	53.6	686	0.3	15.3	10.0	801	1.84	31.5	8.2	2.8	45	1.3	1.2	0.1	39	0.69
1066355	Drill Core	3.52	0.009	0.3	30.1	253.6	846	1.1	5.6	5.3	897	1.99	145.6	10.6	3.7	11	6.1	3.5	0.2	15	0.10
1066356	Rock	0.90	<0.005	<0.1	0.9	1.3	11	<0.1	0.6	0.4	185	0.40	0.5	1.5	<0.1	37	<0.1	<0.1	<0.1	<2	16.55
1066357	Drill Core	5.47	0.036	0.4	18.4	32.9	568	0.2	10.0	6.6	674	1.63	24.0	24.1	4.3	21	3.8	1.4	0.3	38	0.25
1066358	Drill Core	6.23	0.049	0.4	25.6	9.0	377	<0.1	24.0	16.4	636	3.11	12.0	36.6	4.6	17	2.0	1.1	0.3	120	0.89
1066359	Drill Core	3.82	0.015	0.5	47.5	18.6	462	0.1	32.9	16.8	664	3.67	12.4	18.4	5.4	18	2.4	1.7	0.5	128	0.68
1066360	Drill Core	4.93	0.015	0.7	32.8	62.8	582	0.3	26.5	10.8	789	3.08	56.2	7.8	6.3	19	4.2	5.5	0.3	104	0.40
1066361	Drill Core	2.52	0.245	0.3	64.4	200.5	506	3.8	4.1	3.7	417	1.72	187.7	235.2	3.2	20	4.1	16.0	0.4	20	0.16
1066362	Drill Core	2.60	0.046	0.5	12.3	79.9	192	2.5	0.8	0.5	61	1.06	245.3	40.9	3.4	28	1.9	6.4	0.4	10	0.10
1066363	Drill Core	2.43	0.009	0.2	9.8	26.3	307	0.1	3.0	2.3	218	1.62	65.9	18.1	2.9	52	1.0	2.9	0.3	29	0.23
1066364	Drill Core	3.57	<0.005	0.1	6.7	14.9	516	<0.1	4.2	3.7	350	1.52	13.1	8.3	3.3	51	3.1	1.6	0.2	35	0.29
1066365	Rock Pulp	0.14	>10	8.4	117.5	16.1	55	>100	15.4	10.8	591	3.61	242.0	12996	3.1	73	0.3	8.9	17.3	74	1.54
1066366	Drill Core	5.10	<0.005	0.3	10.3	8.4	886	0.1	6.9	5.3	834	1.87	11.0	10.4	3.5	43	3.6	2.3	0.2	40	0.28
1066367	Drill Core	4.06	0.013	2.3	19.3	118.5	458	0.3	4.3	4.8	327	1.78	40.2	7.3	4.0	26	7.0	2.7	0.2	33	0.16
1066368	Drill Core	3.12	0.015	0.5	18.6	209.0	416	0.9	4.1	3.1	227	1.51	126.4	11.2	3.6	13	6.5	2.9	0.3	17	0.13
1066369	Drill Core	3.58	0.027	0.5	14.1	89.7	536	0.3	4.0	4.1	526	2.00	67.8	21.7	4.2	21	1.0	2.6	0.3	27	0.21
1066370	Drill Core	2.48	0.062	0.1	10.0	12.0	393	<0.1	5.2	4.0	616	1.83	9.3	59.1	4.1	20	0.4	3.2	0.3	30	0.20
1066371	Drill Core	2.60	0.008	0.3	18.9	14.5	469	<0.1	6.6	7.6	2163	2.53	22.5	27.9	6.6	14	0.6	4.9	0.4	25	0.27
1066372	Drill Core	5.70	0.008	2.1	7.8	9.0	569	<0.1	6.1	5.5	1294	2.71	9.4	8.7	4.5	43	0.5	2.2	0.3	40	0.58

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Project: Charlotte Project
Report Date: September 14, 2011

CERTIFICATE OF ANALYSIS WHI11001059.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1066343	Drill Core	0.004	<1	7	0.10	39	<0.001	<1	0.36	0.068	0.14	<0.1	<0.01	0.2	<0.1	0.08	1	<0.5	<0.2		
1066344	Drill Core	0.026	3	5	0.15	36	0.006	<1	0.53	0.052	0.10	<0.1	<0.01	0.3	0.2	0.08	2	<0.5	<0.2		
1066345	Rock Pulp	0.065	8	49	0.83	136	0.146	3	1.81	0.194	0.28	0.4	<0.01	2.8	<0.1	0.14	5	2.0	0.8		
1066346	Drill Core	0.038	8	17	0.35	66	0.030	1	0.74	0.077	0.20	<0.1	<0.01	1.5	0.3	0.25	4	<0.5	<0.2		
1066347	Drill Core	0.016	3	7	0.04	107	<0.001	1	0.40	0.041	0.17	<0.1	0.02	0.4	0.2	0.17	1	<0.5	<0.2		
1066348	Drill Core	0.074	13	58	0.25	82	0.006	2	1.04	0.012	0.30	<0.1	0.04	3.3	0.5	0.10	3	0.5	<0.2		
1066349	Drill Core	0.033	5	14	0.22	53	0.011	<1	0.63	0.048	0.13	<0.1	<0.01	1.3	0.4	0.12	3	<0.5	<0.2		
1066350	Drill Core	0.084	14	58	1.05	104	0.126	<1	1.46	0.086	0.43	0.2	<0.01	6.6	0.4	0.28	8	0.8	<0.2		
1066351	Drill Core	0.018	1	9	0.18	42	0.002	<1	0.39	0.064	0.10	<0.1	<0.01	0.2	<0.1	0.11	3	<0.5	<0.2		
1066352	Drill Core	0.023	1	8	0.19	41	0.002	<1	0.41	0.076	0.11	<0.1	0.01	0.3	<0.1	0.10	3	<0.5	<0.2		
1066353	Drill Core	0.017	2	14	0.18	44	0.002	<1	0.40	0.059	0.11	<0.1	0.01	0.6	0.1	0.12	2	0.7	<0.2		
1066354	Drill Core	0.082	9	102	0.93	59	0.069	<1	0.88	0.094	0.22	<0.1	<0.01	4.5	0.2	0.13	4	<0.5	<0.2		
1066355	Drill Core	0.026	8	9	0.25	62	0.004	<1	0.63	0.029	0.16	<0.1	0.01	2.3	0.2	0.31	3	0.8	<0.2		
1066356	Rock	0.015	<1	<1	10.47	12	<0.001	1	0.02	0.003	0.02	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066357	Drill Core	0.038	11	17	0.53	48	0.030	2	0.82	0.051	0.22	<0.1	<0.01	2.1	0.3	0.32	5	<0.5	<0.2		
1066358	Drill Core	0.071	10	46	1.36	62	0.179	<1	1.52	0.098	0.53	<0.1	0.01	8.9	0.3	0.37	7	0.6	<0.2		
1066359	Drill Core	0.080	12	56	1.50	94	0.204	<1	1.76	0.084	0.79	<0.1	<0.01	8.5	0.4	0.51	8	0.6	<0.2		
1066360	Drill Core	0.073	15	51	1.26	109	0.145	<1	1.67	0.054	0.74	<0.1	0.01	6.7	0.5	0.33	7	<0.5	<0.2		
1066361	Drill Core	0.043	7	8	0.35	213	0.009	3	0.95	0.018	0.23	<0.1	0.05	2.6	0.5	0.47	3	<0.5	<0.2		
1066362	Drill Core	0.036	12	8	0.08	117	<0.001	1	0.46	0.012	0.23	<0.1	0.05	3.0	0.5	0.19	2	<0.5	<0.2		
1066363	Drill Core	0.038	8	18	0.56	101	0.030	<1	1.08	0.044	0.22	<0.1	0.02	2.6	0.2	<0.05	5	<0.5	<0.2		
1066364	Drill Core	0.043	9	23	0.62	102	0.059	<1	0.96	0.051	0.26	<0.1	0.01	3.1	0.2	0.11	5	<0.5	<0.2		
1066365	Rock Pulp	0.051	7	24	0.72	107	0.134	3	1.63	0.165	0.21	4.6	0.53	2.5	<0.1	0.19	5	5.3	2.5	165	11.5
1066366	Drill Core	0.057	15	19	0.58	61	0.037	<1	0.87	0.053	0.14	<0.1	0.05	2.5	0.1	0.20	6	<0.5	<0.2		
1066367	Drill Core	0.048	11	21	0.62	66	0.009	<1	0.93	0.039	0.14	<0.1	0.01	2.9	0.3	0.29	5	<0.5	<0.2		
1066368	Drill Core	0.044	9	11	0.37	47	0.001	<1	0.81	0.019	0.14	<0.1	0.03	1.4	0.2	0.26	3	<0.5	<0.2		
1066369	Drill Core	0.046	10	16	0.53	55	0.006	<1	1.01	0.025	0.12	0.1	0.09	2.5	0.2	0.32	4	<0.5	<0.2		
1066370	Drill Core	0.047	10	17	0.48	52	0.004	<1	0.99	0.023	0.11	0.4	0.09	3.1	0.1	0.25	4	<0.5	<0.2		
1066371	Drill Core	0.075	20	13	0.18	32	0.001	<1	0.66	0.003	0.08	<0.1	0.21	5.3	0.2	0.54	2	<0.5	<0.2		
1066372	Drill Core	0.061	13	21	0.75	55	0.030	<1	1.20	0.041	0.18	<0.1	0.02	3.4	0.2	0.31	6	<0.5	<0.2		

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Project: Charlotte Project
Report Date: September 14, 2011

CERTIFICATE OF ANALYSIS WHI11001059.1

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
1066373	Drill Core	4.43	<0.005	0.3	9.9	22.1	430	<0.1	8.3	6.5	785	2.19	5.4	1.6	3.9	32	2.3	1.2	0.1	46	0.46
1066374	Drill Core	4.59	<0.005	0.2	13.0	136.3	1389	0.4	11.2	7.1	2160	3.10	9.3	23.1	3.2	17	3.1	1.3	0.4	34	0.32
1066375	Drill Core	4.68	0.028	0.1	9.0	53.4	1572	0.2	7.9	6.0	3142	2.51	463.4	32.5	2.0	15	1.9	2.8	0.3	26	0.26
1066376	Drill Core	3.79	<0.005	0.1	8.5	45.9	342	<0.1	3.1	2.5	307	1.00	18.0	2.2	1.9	16	5.1	1.7	<0.1	12	0.13
1066377	Drill Core	3.24	0.021	0.7	68.2	1388	3841	6.8	21.9	10.2	1031	2.67	50.7	26.8	5.2	6	30.9	4.6	9.9	23	0.15
1066378	Drill Core	3.72	0.006	0.8	43.0	337.3	2441	1.6	25.7	9.9	3230	2.73	41.2	6.6	4.0	10	8.6	7.8	1.9	23	0.24
1066379	Drill Core	3.00	0.008	0.2	47.8	508.0	1412	1.6	5.6	5.4	1919	1.85	147.6	12.5	2.2	41	5.3	9.8	0.4	2	0.72
1066380	Drill Core	1.59	<0.005	0.2	43.0	255.3	1093	0.8	4.8	4.6	1643	1.76	127.5	9.5	2.1	64	3.9	11.0	0.3	2	0.86

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Project: Charlotte Project
Report Date: September 14, 2011

CERTIFICATE OF ANALYSIS WHI11001059.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1066373	Drill Core	0.083	13	22	0.88	58	0.067	<1	1.11	0.054	0.20	<0.1	<0.01	3.6	0.2	0.20	5	<0.5	<0.2		
1066374	Drill Core	0.075	8	17	0.85	62	0.023	<1	1.18	0.035	0.22	<0.1	<0.01	2.9	0.1	0.43	5	<0.5	<0.2		
1066375	Drill Core	0.036	5	10	0.39	53	0.012	<1	0.69	0.041	0.18	<0.1	<0.01	2.4	0.1	0.31	3	<0.5	<0.2		
1066376	Drill Core	0.033	5	7	0.23	45	0.003	<1	0.62	0.042	0.13	<0.1	<0.01	1.0	0.1	0.21	3	<0.5	<0.2		
1066377	Drill Core	0.051	11	10	0.21	59	0.001	<1	0.61	0.008	0.22	<0.1	0.08	2.1	0.3	2.09	2	0.5	0.4		
1066378	Drill Core	0.055	10	15	0.27	47	0.001	1	0.77	0.017	0.19	<0.1	0.02	2.2	0.2	0.76	3	<0.5	<0.2		
1066379	Drill Core	0.046	4	2	0.18	58	<0.001	2	0.49	0.006	0.21	<0.1	0.03	0.7	0.3	1.00	2	<0.5	<0.2		
1066380	Drill Core	0.039	3	2	0.20	42	<0.001	2	0.50	0.009	0.18	<0.1	0.02	0.7	0.2	0.93	1	<0.5	<0.2		

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Project: Charlotte Project
Report Date: September 14, 2011

QUALITY CONTROL REPORT WHI11001059.1

	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																					
1066259	Drill Core	5.45	<0.005	11.9	2.0	6.4	27	0.2	0.8	1.0	118	0.62	1.5	0.7	1.1	33	<0.1	1.3	0.1	5	0.48
REP 1066259	QC		<0.005																		
1066263	Drill Core	2.43	<0.005	0.4	6.0	5.5	39	<0.1	0.8	1.0	126	0.60	1.2	<0.5	1.4	35	0.2	1.0	0.1	6	0.50
REP 1066263	QC			0.4	6.4	5.6	41	<0.1	0.9	1.1	124	0.62	1.2	<0.5	1.4	36	0.2	1.0	0.1	7	0.53
1066285	Rock	0.73	<0.005	<0.1	0.3	1.0	10	<0.1	1.1	0.7	181	0.41	<0.5	<0.5	<0.1	38	<0.1	<0.1	<0.1	<2	19.15
REP 1066285	QC			<0.1	0.3	1.0	10	<0.1	1.0	0.7	181	0.41	<0.5	<0.5	<0.1	38	<0.1	<0.1	<0.1	<2	18.96
1066292	Drill Core	4.43	0.013	0.2	28.0	17.7	250	0.3	8.2	6.2	970	2.40	86.9	5.8	2.5	13	1.6	4.0	0.2	9	0.17
REP 1066292	QC		0.011																		
REP 1066293	QC			0.1	10.2	14.4	175	<0.1	5.2	7.4	565	1.52	21.9	<0.5	1.7	9	0.8	0.8	<0.1	9	0.13
1066306	Drill Core	3.77	0.016	1.2	103.3	16.7	757	0.3	191.2	37.8	4625	8.82	319.8	12.3	4.7	24	5.8	12.1	0.7	77	0.32
REP 1066306	QC		0.015																		
1066310	Drill Core	2.38	0.048	0.5	575.2	13.7	626	0.5	47.7	9.5	209	8.55	178.9	49.6	0.6	14	3.3	15.2	0.5	178	0.21
REP 1066310	QC			0.6	564.3	14.0	632	0.6	46.1	8.8	207	8.37	174.9	44.0	0.6	14	3.7	15.6	0.5	173	0.21
1066335	Drill Core	3.32	0.053	1.5	34.2	173.6	223	1.7	2.0	0.5	39	1.57	911.0	58.1	1.6	12	22.9	24.8	0.2	12	0.05
REP 1066335	QC			1.2	33.9	165.5	205	1.6	2.0	0.5	38	1.46	909.2	55.7	1.6	11	22.7	24.1	0.2	12	0.05
1066348	Drill Core	2.85	0.024	0.5	31.9	212.0	394	1.7	7.4	1.3	113	2.32	1005	24.0	3.8	27	10.7	25.9	0.9	23	0.14
REP 1066348	QC		0.023																		
1066353	Drill Core	3.64	0.008	0.8	10.2	16.8	482	<0.1	3.6	3.0	478	0.80	7.8	11.1	0.6	19	0.7	0.5	<0.1	8	0.08
REP 1066353	QC			0.8	10.6	16.2	465	<0.1	3.5	2.9	459	0.77	7.3	7.1	0.5	19	0.6	0.4	<0.1	8	0.08
1066357	Drill Core	5.47	0.036	0.4	18.4	32.9	568	0.2	10.0	6.6	674	1.63	24.0	24.1	4.3	21	3.8	1.4	0.3	38	0.25
REP 1066357	QC			0.4	18.1	32.7	559	0.2	10.3	6.1	651	1.49	23.1	25.3	4.2	21	3.9	1.4	0.3	35	0.24
1066377	Drill Core	3.24	0.021	0.7	68.2	1388	3841	6.8	21.9	10.2	1031	2.67	50.7	26.8	5.2	6	30.9	4.6	9.9	23	0.15
REP 1066377	QC		0.025																		
1066380	Drill Core	1.59	<0.005	0.2	43.0	255.3	1093	0.8	4.8	4.6	1643	1.76	127.5	9.5	2.1	64	3.9	11.0	0.3	2	0.86
REP 1066380	QC			0.1	43.5	251.4	1077	0.8	4.9	4.4	1614	1.75	128.4	10.5	2.3	64	4.0	10.3	0.2	2	0.85
Core Reject Duplicates																					
1066258	Drill Core	5.67	<0.005	1.6	1.7	8.4	48	<0.1	0.5	0.6	164	0.42	1.8	0.7	0.3	32	0.6	0.6	<0.1	<2	0.56
DUP 1066258	QC		<0.005	1.6	1.5	8.4	48	<0.1	0.6	0.6	162	0.44	1.4	<0.5	0.3	31	0.5	0.5	0.1	<2	0.55

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

Project: Charlotte Project
Report Date: September 14, 2011

QUALITY CONTROL REPORT WHI11001059.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
Pulp Duplicates																					
1066259	Drill Core	0.023	3	12	0.18	28	0.008	<1	0.32	0.042	0.07	<0.1	0.29	0.6	<0.1	0.18	2	<0.5	<0.2		
REP 1066259	QC																				
1066263	Drill Core	0.027	4	11	0.20	28	0.010	<1	0.36	0.042	0.07	<0.1	0.01	0.6	<0.1	0.07	2	<0.5	<0.2		
REP 1066263	QC	0.028	4	12	0.20	29	0.011	<1	0.39	0.045	0.07	<0.1	0.01	0.7	<0.1	0.07	2	<0.5	<0.2		
1066285	Rock	0.015	<1	<1	10.62	11	<0.001	<1	0.01	0.002	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
REP 1066285	QC	0.014	<1	<1	10.36	11	<0.001	<1	0.01	0.002	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066292	Drill Core	0.052	12	1	0.07	671	<0.001	2	0.52	0.006	0.21	<0.1	0.05	2.1	0.4	<0.05	1	<0.5	<0.2		
REP 1066292	QC																				
REP 1066293	QC	0.035	6	3	0.08	125	<0.001	2	0.70	0.005	0.14	<0.1	0.05	2.0	0.3	<0.05	2	<0.5	<0.2		
1066306	Drill Core	0.182	22	80	0.13	618	0.001	2	0.73	0.004	0.19	0.3	0.24	10.9	1.1	<0.05	2	<0.5	<0.2		
REP 1066306	QC																				
1066310	Drill Core	0.165	7	40	0.47	164	0.079	1	1.50	<0.001	0.56	0.6	0.20	19.8	0.5	<0.05	7	<0.5	<0.2		
REP 1066310	QC	0.163	7	38	0.45	167	0.079	1	1.48	<0.001	0.55	0.5	0.20	19.7	0.5	<0.05	7	<0.5	<0.2		
1066335	Drill Core	0.014	5	7	0.04	51	<0.001	2	0.55	0.005	0.19	<0.1	0.04	1.9	0.3	0.06	2	<0.5	<0.2		
REP 1066335	QC	0.014	5	7	0.03	48	<0.001	2	0.56	0.006	0.20	<0.1	0.04	1.7	0.3	0.06	2	<0.5	<0.2		
1066348	Drill Core	0.074	13	58	0.25	82	0.006	2	1.04	0.012	0.30	<0.1	0.04	3.3	0.5	0.10	3	0.5	<0.2		
REP 1066348	QC																				
1066353	Drill Core	0.017	2	14	0.18	44	0.002	<1	0.40	0.059	0.11	<0.1	0.01	0.6	0.1	0.12	2	0.7	<0.2		
REP 1066353	QC	0.015	2	14	0.18	44	0.002	<1	0.38	0.058	0.11	0.3	<0.01	0.6	0.1	0.12	2	<0.5	<0.2		
1066357	Drill Core	0.038	11	17	0.53	48	0.030	2	0.82	0.051	0.22	<0.1	<0.01	2.1	0.3	0.32	5	<0.5	<0.2		
REP 1066357	QC	0.037	10	17	0.56	46	0.028	<1	0.80	0.050	0.22	<0.1	0.01	2.0	0.3	0.30	4	<0.5	<0.2		
1066377	Drill Core	0.051	11	10	0.21	59	0.001	<1	0.61	0.008	0.22	<0.1	0.08	2.1	0.3	2.09	2	0.5	0.4		
REP 1066377	QC																				
1066380	Drill Core	0.039	3	2	0.20	42	<0.001	2	0.50	0.009	0.18	<0.1	0.02	0.7	0.2	0.93	1	<0.5	<0.2		
REP 1066380	QC	0.038	3	2	0.20	42	<0.001	1	0.50	0.009	0.18	<0.1	0.03	0.7	0.2	0.92	1	<0.5	<0.2		
Core Reject Duplicates																					
1066258	Drill Core	0.008	2	8	0.09	20	<0.001	<1	0.23	0.042	0.08	<0.1	0.14	0.2	<0.1	0.16	<1	<0.5	<0.2		
DUP 1066258	QC	0.008	2	7	0.09	20	<0.001	<1	0.24	0.045	0.09	<0.1	0.12	0.2	<0.1	0.16	<1	<0.5	<0.2		

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Project: Charlotte Project
Report Date: September 14, 2011

QUALITY CONTROL REPORT WHI11001059.1

		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
1066293	Drill Core	4.86	<0.005	0.2	9.2	13.9	173	<0.1	5.0	6.9	557	1.49	22.0	3.7	1.7	9	0.8	0.8	<0.1	9	0.13
DUP 1066293	QC		<0.005	0.2	9.6	14.3	172	<0.1	5.1	6.2	544	1.48	22.4	<0.5	1.8	9	0.8	0.8	<0.1	9	0.14
1066328	Drill Core	1.75	0.661	0.6	37.8	2264	90	45.9	1.1	0.5	69	1.50	4236	748.4	0.8	28	6.2	284.4	1.9	3	0.05
DUP 1066328	QC		0.716	0.4	34.5	2199	79	41.7	0.7	0.4	51	1.27	4212	818.6	0.7	27	5.5	259.1	1.8	2	0.08
1066363	Drill Core	2.43	0.009	0.2	9.8	26.3	307	0.1	3.0	2.3	218	1.62	65.9	18.1	2.9	52	1.0	2.9	0.3	29	0.23
DUP 1066363	QC		0.011	0.3	10.0	25.7	304	0.1	2.8	2.3	220	1.62	66.4	11.6	3.1	48	1.0	2.8	0.3	29	0.23
Reference Materials																					
STD CDN-ME-3	Standard																				
STD DS8	Standard			13.4	113.7	120.5	315	1.7	36.8	7.3	620	2.54	26.8	95.7	6.8	74	2.5	5.8	7.1	43	0.74
STD DS8	Standard			14.0	110.0	125.0	319	1.8	36.6	7.9	624	2.59	24.7	110.0	7.1	71	2.3	6.1	6.4	45	0.74
STD DS8	Standard			13.8	119.6	130.1	322	1.8	39.6	8.1	636	2.65	25.7	109.3	7.5	73	2.4	5.9	6.7	44	0.75
STD DS8	Standard			12.6	104.7	122.6	307	1.9	36.5	7.6	616	2.50	25.9	115.6	6.6	65	2.4	4.6	6.4	39	0.71
STD OXH82	Standard		1.406																		
STD OXH82	Standard		1.352																		
STD OXH82	Standard		1.329																		
STD OXH82	Standard		1.333																		
STD OXH82	Standard		1.167																		
STD OXH82	Standard		1.266																		
STD OXH82	Standard		1.364																		
STD OXK79	Standard		3.810																		
STD OXK79	Standard		3.771																		
STD OXK79	Standard		3.768																		
STD OXK79	Standard		3.780																		
STD OXK79	Standard		3.222																		
STD OXK79	Standard		3.526																		
STD OXK79	Standard		3.556																		
STD CDN-ME-3 Expected																					
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 14, 2011

QUALITY CONTROL REPORT WHI11001059.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
1066293	Drill Core	0.032	6	3	0.08	120	<0.001	2	0.70	0.005	0.14	<0.1	0.05	1.9	0.2	<0.05	2	<0.5	<0.2		
DUP 1066293	QC	0.033	6	3	0.08	119	<0.001	2	0.65	0.004	0.13	<0.1	0.04	1.9	0.2	<0.05	1	<0.5	<0.2		
1066328	Drill Core	0.028	2	5	0.04	120	<0.001	5	0.44	0.005	0.38	<0.1	0.07	0.7	0.8	0.37	2	<0.5	<0.2		
DUP 1066328	QC	0.024	2	4	0.06	102	<0.001	3	0.30	0.005	0.32	<0.1	0.07	0.6	0.7	0.36	2	<0.5	<0.2		
1066363	Drill Core	0.038	8	18	0.56	101	0.030	<1	1.08	0.044	0.22	<0.1	0.02	2.6	0.2	<0.05	5	<0.5	<0.2		
DUP 1066363	QC	0.039	7	19	0.57	94	0.029	<1	1.10	0.041	0.22	<0.1	0.03	2.6	0.2	<0.05	5	<0.5	<0.2		
Reference Materials																					
STD CDN-ME-3	Standard																			246	9.1
STD DS8	Standard	0.091	16	113	0.63	291	0.127	3	0.95	0.089	0.42	3.0	0.18	2.1	5.2	0.17	5	5.5	4.6		
STD DS8	Standard	0.084	17	121	0.63	281	0.133	2	0.93	0.087	0.42	3.1	0.20	2.3	5.4	0.17	5	5.3	5.0		
STD DS8	Standard	0.083	17	121	0.64	283	0.131	2	0.95	0.088	0.44	3.2	0.21	2.1	5.5	0.18	5	5.8	5.0		
STD DS8	Standard	0.083	14	113	0.60	262	0.108	3	0.89	0.080	0.40	2.9	0.20	2.2	5.4	0.16	5	4.8	4.8		
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 CDN-ME-3 Expected																				276	9.77
STD OXH82 Expected																					
STD OXK79 Expected																					

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QUALITY CONTROL REPORT WHI11001059.1

		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 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
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
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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			<0.1	<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
Prep Wash																					
G1	Prep Blank		<0.005	0.1	2.7	3.2	48	<0.1	2.6	3.9	559	1.91	<0.5	1.1	5.1	54	<0.1	0.1	0.2	33	0.45
G1	Prep Blank		<0.005	0.2	3.8	3.2	53	<0.1	4.4	4.4	534	2.04	3.4	<0.5	5.0	55	<0.1	0.3	0.1	35	0.44

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Project: Charlotte Project
Report Date: September 14, 2011

QUALITY CONTROL REPORT WHI11001059.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
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		
BLK	Blank																				
BLK	Blank																				
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BLK	Blank																				
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BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																			<50	<0.9
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	<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		
Prep Wash																					
G1	Prep Blank	0.079	10	8	0.51	174	0.094	<1	0.86	0.065	0.46	<0.1	0.03	1.8	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.079	10	9	0.53	165	0.092	1	0.85	0.067	0.46	<0.1	0.03	1.9	0.3	<0.05	5	<0.5	<0.2		

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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: August 12, 2011
Report Date: September 15, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI11001083.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-024
P.O. Number
Number of Samples: 126

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	120	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	126	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	126	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	2	Lead collection fire assay 30G fusion - Grav finish	30	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
Nicola Struyk

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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PO Box 11604
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Project: Charlotte Project
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS WHI11001083.1

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
1066381	Rock	5.58	<0.005	0.2	24.5	404.7	1875	1.3	4.8	5.3	1875	1.56	26.7	3.3	0.8	16	4.3	2.1	0.5	3	0.22
1066382	Rock	2.66	0.474	0.7	65.6	1123	2501	3.7	7.2	7.4	1040	2.21	115.6	538.1	5.1	14	16.5	16.7	1.1	19	0.24
1066383	Rock	6.13	<0.005	0.2	17.3	26.0	809	0.1	8.4	5.7	1124	1.97	49.8	11.1	3.3	41	1.2	3.8	0.2	28	0.32
1066384	Rock	3.19	0.012	0.7	24.9	80.9	1413	0.4	6.6	5.9	1668	1.95	87.6	13.3	2.8	27	5.5	2.5	0.2	14	0.20
1066385	Rock Pulp	0.14	0.371	10.2	141.8	8.0	54	0.2	28.6	37.9	524	3.37	1354	412.9	3.0	81	0.2	2.1	4.5	82	1.44
1066386	Rock	3.85	0.006	0.2	14.0	33.7	467	0.2	4.3	3.5	945	1.35	29.9	5.6	1.9	76	2.5	2.3	<0.1	9	0.74
1066387	Rock	4.92	<0.005	0.2	14.4	48.9	510	0.3	5.7	4.1	990	1.44	43.8	3.9	2.5	63	2.7	3.4	0.2	5	1.31
1066388	Rock	3.04	0.008	0.3	15.9	64.7	946	0.5	6.0	6.4	1894	1.46	104.4	11.8	2.3	27	3.3	8.6	0.2	3	1.08
1066389	Rock	2.06	0.112	3.8	24.4	459.1	1650	3.1	9.2	6.7	2026	2.46	952.0	137.3	2.5	37	14.3	17.3	0.3	5	1.33
1066390	Rock	3.12	2.075	2.0	69.3	2119	5477	9.8	46.3	11.1	1426	3.63	>10000	2330	3.0	33	62.6	100.7	0.4	11	0.87
1066391	Rock	1.96	0.129	0.7	131.9	2139	2986	14.8	17.4	4.9	1649	4.10	372.1	165.3	3.2	119	19.4	17.1	18.7	4	2.56
1066392	Rock	2.75	0.206	3.6	93.8	1535	7392	9.0	8.8	7.6	2723	4.30	287.0	204.1	3.9	123	50.5	22.5	7.9	20	2.52
1066393	Rock	0.66	<0.005	0.3	1.0	5.3	24	<0.1	1.4	0.6	235	0.44	0.8	3.3	<0.1	52	0.2	<0.1	<0.1	<2	21.19
1066394	Rock	6.48	<0.005	0.5	21.6	19.5	242	0.1	14.5	11.1	825	2.52	17.3	6.6	4.0	123	0.7	7.3	0.3	57	1.96
1066395	Rock	3.45	0.047	0.1	12.3	14.9	147	0.1	10.2	8.3	725	1.92	250.5	62.6	3.6	128	0.5	8.6	0.2	35	2.19
1066396	Rock	4.74	<0.005	1.4	4.1	6.0	98	<0.1	3.1	4.9	358	1.63	4.5	2.3	4.0	66	0.1	2.1	0.2	33	1.07
1066397	Rock	2.22	<0.005	0.2	3.5	6.0	58	<0.1	2.6	3.7	304	1.50	2.6	1.0	3.4	64	<0.1	2.8	<0.1	35	1.00
1066398	Rock	3.15	<0.005	0.1	3.3	7.2	57	<0.1	2.4	3.8	325	1.47	4.7	1.3	3.2	63	<0.1	2.8	0.1	30	1.00
1066399	Rock	4.30	<0.005	0.1	6.1	11.2	37	<0.1	3.4	3.2	497	1.69	2.8	1.1	3.3	98	<0.1	2.4	0.3	35	1.42
1066400	Rock	2.26	0.112	0.1	3.7	8.3	33	<0.1	1.9	2.1	472	1.36	4.3	0.8	2.7	109	<0.1	1.8	0.2	22	1.87
1066401	Rock	5.83	<0.005	3.7	7.3	8.4	58	<0.1	2.3	3.7	382	1.84	3.7	1.1	4.1	106	<0.1	0.9	0.2	40	1.44
1066402	Rock	3.71	<0.005	0.1	5.4	4.8	26	<0.1	1.1	1.6	181	0.94	1.0	<0.5	2.0	37	<0.1	0.2	<0.1	12	0.44
1066403	Rock	6.86	<0.005	0.6	17.5	15.4	48	0.1	3.0	4.2	442	2.11	4.6	<0.5	3.6	103	<0.1	1.0	0.3	41	1.43
1066404	Rock	6.82	<0.005	0.4	21.5	7.8	46	<0.1	3.3	5.0	339	2.06	4.0	1.8	3.8	89	<0.1	0.7	0.3	40	1.08
1066405	Rock	0.68	<0.005	<0.1	0.8	1.1	14	<0.1	1.5	0.5	273	0.52	<0.5	<0.5	<0.1	46	<0.1	<0.1	<0.1	<2	23.52
1066406	Rock	4.75	<0.005	0.6	7.1	56.2	213	0.4	3.7	10.1	1335	4.78	39.0	7.3	5.2	62	1.9	2.6	0.1	96	1.50
1066407	Rock	5.88	0.016	0.6	2.9	13.6	163	0.2	2.7	8.9	930	3.79	35.4	19.2	5.1	50	1.3	1.9	<0.1	84	0.96
1066408	Rock	4.97	0.967	0.7	11.5	567.6	544	3.9	3.3	10.4	1160	4.60	3593	1111	5.1	53	12.0	7.0	0.2	81	0.83
1066409	Rock	3.66	<0.005	0.7	2.0	13.3	268	0.2	3.1	9.9	1170	4.10	36.0	4.5	4.8	55	1.8	0.9	<0.1	89	1.17
1066410	Rock	4.96	0.437	0.9	24.4	756.1	489	6.8	3.4	10.5	1184	4.65	1014	375.1	5.0	71	12.7	7.6	<0.1	84	1.20

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CERTIFICATE OF ANALYSIS WHI11001083.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
1066381	Rock	0.023	3	2	0.11	63	<0.001	<1	0.41	0.026	0.21	<0.1	<0.01	0.4	0.2	0.62	1	<0.5	<0.2		
1066382	Rock	0.069	14	9	0.10	57	0.001	2	0.75	0.005	0.18	<0.1	0.20	2.8	0.3	1.32	3	<0.5	0.3		
1066383	Rock	0.040	11	13	0.42	79	0.020	<1	0.76	0.065	0.16	<0.1	0.08	2.3	0.3	0.38	4	<0.5	<0.2		
1066384	Rock	0.032	7	6	0.17	66	<0.001	1	0.50	0.050	0.16	<0.1	0.04	1.6	0.1	0.44	2	<0.5	<0.2		
1066385	Rock Pulp	0.055	7	48	0.79	121	0.141	3	1.81	0.192	0.27	0.4	<0.01	2.5	<0.1	0.13	5	2.2	0.6		
1066386	Rock	0.030	5	5	0.19	68	<0.001	<1	0.52	0.056	0.19	<0.1	0.08	0.9	0.2	0.44	2	<0.5	<0.2		
1066387	Rock	0.038	5	2	0.44	67	<0.001	2	0.60	0.021	0.22	<0.1	0.06	0.7	0.2	0.42	1	<0.5	<0.2		
1066388	Rock	0.030	5	2	0.33	203	<0.001	2	0.52	0.004	0.24	0.2	0.03	0.6	0.3	0.74	1	<0.5	<0.2		
1066389	Rock	0.038	5	3	0.45	41	<0.001	5	0.57	0.003	0.32	0.7	0.08	1.8	0.7	1.94	2	<0.5	<0.2		
1066390	Rock	0.058	7	11	0.27	49	<0.001	3	0.56	0.002	0.25	0.6	0.14	2.9	1.0	2.79	2	0.7	<0.2		
1066391	Rock	0.041	3	2	0.54	50	<0.001	1	0.41	0.003	0.29	0.2	0.08	1.0	0.5	3.91	1	1.2	0.8		
1066392	Rock	0.055	5	29	0.99	71	0.002	2	0.82	0.010	0.29	0.2	0.15	3.4	0.4	3.09	3	0.6	0.6		
1066393	Rock	0.013	<1	<1	11.31	10	<0.001	<1	0.02	0.002	0.02	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066394	Rock	0.067	12	53	1.04	73	0.064	<1	1.24	0.068	0.20	<0.1	0.03	7.3	0.4	0.36	5	<0.5	<0.2		
1066395	Rock	0.059	9	39	0.74	50	0.027	2	0.91	0.047	0.20	<0.1	<0.01	4.3	0.4	0.47	4	<0.5	<0.2		
1066396	Rock	0.053	11	16	0.56	66	0.074	<1	0.89	0.116	0.16	<0.1	<0.01	2.7	<0.1	0.15	4	<0.5	<0.2		
1066397	Rock	0.047	8	17	0.55	64	0.060	<1	1.09	0.083	0.16	0.2	<0.01	3.0	<0.1	0.08	5	<0.5	<0.2		
1066398	Rock	0.043	7	15	0.52	57	0.047	<1	1.10	0.082	0.13	0.1	0.03	2.6	<0.1	0.10	5	<0.5	<0.2		
1066399	Rock	0.043	7	19	0.73	55	0.018	<1	1.38	0.052	0.12	<0.1	<0.01	2.4	<0.1	0.15	6	<0.5	<0.2		
1066400	Rock	0.034	6	13	0.70	34	0.006	<1	1.42	0.028	0.09	<0.1	0.06	1.6	<0.1	0.10	5	<0.5	<0.2		
1066401	Rock	0.046	11	18	0.64	74	0.068	<1	0.88	0.105	0.15	<0.1	0.01	3.2	<0.1	0.12	5	<0.5	<0.2		
1066402	Rock	0.020	6	3	0.25	42	0.052	<1	0.48	0.076	0.10	<0.1	<0.01	0.6	<0.1	0.06	3	0.6	<0.2		
1066403	Rock	0.041	10	20	0.72	70	0.048	<1	1.06	0.081	0.14	<0.1	0.06	3.0	<0.1	0.31	6	<0.5	<0.2		
1066404	Rock	0.049	10	21	0.71	73	0.082	<1	0.98	0.096	0.17	0.1	0.01	3.2	<0.1	0.32	6	<0.5	<0.2		
1066405	Rock	0.015	<1	<1	13.13	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		
1066406	Rock	0.083	7	11	1.68	68	0.100	1	2.25	0.104	0.14	0.2	<0.01	5.6	<0.1	<0.05	8	<0.5	<0.2		
1066407	Rock	0.075	7	9	1.23	42	0.119	2	1.74	0.097	0.09	0.1	<0.01	2.9	<0.1	<0.05	7	<0.5	<0.2		
1066408	Rock	0.079	8	9	1.31	40	0.040	<1	1.88	0.076	0.13	<0.1	<0.01	5.4	0.1	<0.05	8	0.6	<0.2		
1066409	Rock	0.080	7	11	1.28	34	0.111	2	1.67	0.096	0.11	<0.1	<0.01	4.0	<0.1	<0.05	7	<0.5	<0.2		
1066410	Rock	0.082	11	9	1.24	53	0.043	<1	1.99	0.128	0.13	<0.1	<0.01	5.8	<0.1	<0.05	7	0.5	<0.2		

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	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
1066411	Rock	6.03	0.027	0.9	9.0	120.9	549	1.0	3.7	10.5	1186	4.59	179.6	29.2	5.5	49	5.5	3.4	0.1	94	0.77
1066412	Rock	2.85	0.358	0.9	19.0	1196	1246	5.7	4.4	9.8	1813	6.26	644.4	417.0	4.4	36	15.1	15.3	0.2	60	0.41
1066413	Rock	3.74	0.005	0.3	2.0	9.7	1115	0.4	2.5	8.9	1466	6.41	45.6	5.2	3.0	15	12.2	1.9	0.1	29	0.31
1066414	Rock	4.69	0.019	0.8	95.2	739.0	959	2.7	3.4	9.9	537	4.60	144.3	12.0	5.6	14	8.4	9.5	1.8	53	0.16
1066415	Rock Pulp	0.14	0.392	9.4	132.4	5.9	46	0.2	25.6	34.7	499	3.11	1298	372.5	3.0	77	0.2	2.1	4.4	76	1.37
1066416	Rock	6.27	0.078	1.3	52.1	2316	1238	10.0	2.4	17.5	1206	4.91	233.7	71.5	5.4	37	17.7	7.1	13.6	51	0.65
1066417	Rock	6.80	<0.005	1.0	3.4	18.4	164	0.2	3.4	8.3	733	3.24	10.0	4.5	4.9	39	1.0	0.7	<0.1	75	0.90
1066418	Rock	8.30	<0.005	1.3	7.2	251.5	262	0.6	3.4	8.3	924	3.40	10.8	3.0	4.8	53	3.7	0.8	<0.1	81	1.19
1066419	Rock	7.36	<0.005	1.3	4.7	13.9	113	0.1	5.4	10.1	1237	3.64	6.9	<0.5	4.8	73	0.6	1.0	<0.1	82	1.62
1066420	Rock	5.92	<0.005	0.7	1.6	11.1	138	<0.1	3.8	9.4	1183	3.67	6.5	<0.5	4.6	54	0.7	0.8	<0.1	82	1.46
1066421	Rock	5.98	<0.005	1.1	1.7	9.5	92	<0.1	3.3	7.9	1020	3.35	6.1	<0.5	4.7	42	0.3	0.5	<0.1	71	1.18
1066422	Rock	6.38	<0.005	0.6	1.4	5.6	103	<0.1	2.5	8.2	1133	3.78	4.2	3.2	4.2	56	0.2	0.7	<0.1	76	1.66
1066423	Rock	3.67	0.010	0.9	18.1	104.9	196	0.8	2.4	9.6	2051	4.21	21.9	11.1	5.0	89	2.2	5.3	0.8	63	3.43
1066424	Rock	2.12	<0.005	0.8	22.2	106.7	199	0.8	2.8	9.7	2337	4.47	19.2	4.8	5.5	92	2.4	5.7	0.7	69	3.59
1066425	Rock	4.56	0.006	0.6	10.9	74.9	176	0.4	2.6	8.0	1043	4.07	14.1	6.1	5.4	60	1.2	1.4	0.4	78	1.73
1066426	Rock	6.73	<0.005	1.4	3.5	16.9	92	0.1	2.6	9.4	1153	3.85	4.5	2.5	5.2	81	0.9	0.9	<0.1	84	2.09
1066427	Rock	4.61	<0.005	0.8	1.6	7.8	86	0.1	2.4	8.2	1160	3.83	3.8	1.0	5.0	87	0.1	1.5	<0.1	80	1.95
1066428	Rock	4.38	<0.005	0.7	1.1	12.8	85	0.1	2.4	8.4	1457	4.16	4.2	0.7	4.6	158	0.3	2.1	<0.1	53	5.58
1066429	Rock	4.80	<0.005	1.0	2.9	27.7	118	0.2	2.4	8.5	1067	4.09	7.4	2.3	5.2	67	0.5	1.8	<0.1	75	1.72
1066430	Rock	6.70	0.008	0.9	8.2	46.5	156	0.3	3.3	8.6	1137	4.46	11.1	6.8	4.7	81	1.5	0.9	0.3	91	2.02
1066431	Rock	5.59	<0.005	0.8	1.4	8.6	95	<0.1	3.0	9.8	1637	4.17	6.7	3.9	5.3	98	0.2	1.5	<0.1	84	3.61
1066432	Rock	7.73	<0.005	1.1	1.6	10.4	92	0.1	2.4	8.0	1161	3.88	4.0	1.6	4.9	83	0.2	0.9	<0.1	84	1.57
1066433	Rock	7.80	<0.005	1.0	1.5	10.9	92	0.1	2.7	8.7	1228	4.04	3.8	0.8	5.0	69	0.2	0.9	<0.1	88	1.62
1066434	Rock	7.10	<0.005	1.3	2.2	10.6	84	0.1	2.6	8.0	1051	3.89	4.3	<0.5	4.9	75	0.2	0.7	<0.1	86	1.43
1066435	Rock Pulp	0.14	>10	7.4	119.1	16.5	61	>100	15.2	10.7	607	3.77	239.8	13126	3.0	82	0.3	9.5	19.0	75	1.67
1066436	Rock	3.88	0.024	1.6	54.7	49.5	103	1.1	3.1	13.9	1247	4.28	42.8	25.5	4.6	74	0.7	6.0	2.6	79	2.49
1066437	Rock	6.20	0.011	1.6	3.3	10.2	88	0.1	2.6	9.1	965	3.89	3.4	0.9	4.8	81	0.3	0.9	0.1	87	1.55
1066438	Rock	6.32	<0.005	1.6	10.2	11.1	74	0.2	2.6	9.0	1028	3.93	4.7	2.1	5.3	113	0.2	1.2	0.1	89	2.01
1066439	Rock	4.55	<0.005	1.7	18.7	10.2	68	0.2	2.4	9.3	845	3.96	9.8	1.4	5.2	117	0.2	2.1	0.4	82	2.69
1066440	Rock	3.48	<0.005	2.1	8.0	9.1	68	0.1	3.0	10.5	735	4.11	3.3	2.8	5.3	96	0.3	1.1	0.1	95	1.82

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Project: Charlotte Project
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS WHI11001083.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1066411	Rock	0.083	9	11	1.31	58	0.079	<1	2.17	0.095	0.12	<0.1	<0.01	4.8	<0.1	<0.05	8	<0.5	<0.2		
1066412	Rock	0.092	17	5	1.04	139	0.014	1	2.59	0.043	0.20	0.2	0.05	5.2	0.3	<0.05	7	0.6	<0.2		
1066413	Rock	0.087	21	1	1.02	123	0.003	1	2.77	0.013	0.24	0.1	<0.01	4.1	0.2	<0.05	7	0.6	<0.2		
1066414	Rock	0.078	17	6	0.18	68	0.002	1	0.97	0.003	0.13	1.7	0.04	6.6	0.2	0.08	3	0.6	<0.2		
1066415	Rock Pulp	0.057	7	42	0.75	119	0.140	3	1.67	0.179	0.26	0.4	<0.01	2.6	<0.1	0.13	5	1.7	0.6		
1066416	Rock	0.085	12	3	0.76	86	0.005	2	1.34	0.038	0.20	<0.1	0.03	4.8	0.3	0.26	5	1.0	0.4		
1066417	Rock	0.074	6	8	1.04	32	0.090	1	1.52	0.084	0.08	<0.1	<0.01	2.7	<0.1	<0.05	6	<0.5	<0.2		
1066418	Rock	0.082	5	9	1.03	54	0.100	2	1.65	0.087	0.07	0.1	<0.01	2.1	<0.1	0.09	6	<0.5	<0.2		
1066419	Rock	0.075	5	11	1.33	132	0.127	<1	1.88	0.108	0.09	<0.1	<0.01	4.4	<0.1	0.06	7	<0.5	<0.2		
1066420	Rock	0.073	4	9	1.25	45	0.111	<1	1.70	0.086	0.06	<0.1	<0.01	3.9	<0.1	<0.05	6	<0.5	<0.2		
1066421	Rock	0.073	5	9	1.16	47	0.110	1	1.53	0.079	0.08	<0.1	<0.01	2.3	<0.1	<0.05	6	<0.5	<0.2		
1066422	Rock	0.070	6	9	1.21	111	0.061	<1	1.48	0.077	0.07	<0.1	0.01	4.1	<0.1	<0.05	7	0.6	<0.2		
1066423	Rock	0.080	20	6	1.12	19	0.002	<1	0.92	0.002	0.08	0.5	0.11	7.4	<0.1	0.35	3	<0.5	<0.2		
1066424	Rock	0.085	23	6	1.17	23	0.002	1	0.97	0.003	0.09	0.6	0.09	7.8	<0.1	0.35	3	<0.5	<0.2		
1066425	Rock	0.076	9	9	1.18	49	0.045	<1	1.83	0.068	0.09	<0.1	<0.01	4.2	<0.1	0.09	7	<0.5	<0.2		
1066426	Rock	0.074	9	9	1.14	67	0.056	2	1.79	0.138	0.09	<0.1	<0.01	4.7	<0.1	<0.05	7	<0.5	<0.2		
1066427	Rock	0.072	8	9	1.09	49	0.069	2	1.57	0.133	0.07	<0.1	<0.01	5.0	<0.1	<0.05	7	<0.5	<0.2		
1066428	Rock	0.072	20	5	1.34	26	<0.001	<1	1.41	0.006	0.06	<0.1	<0.01	6.6	<0.1	<0.05	4	<0.5	<0.2		
1066429	Rock	0.082	11	8	1.03	44	0.052	<1	1.58	0.078	0.09	0.1	0.02	5.2	<0.1	0.05	6	<0.5	<0.2		
1066430	Rock	0.080	8	10	1.29	65	0.074	2	1.90	0.133	0.10	<0.1	<0.01	5.6	<0.1	0.27	8	<0.5	<0.2		
1066431	Rock	0.081	15	9	1.22	63	0.029	<1	2.09	0.068	0.08	<0.1	<0.01	6.1	<0.1	<0.05	8	<0.5	<0.2		
1066432	Rock	0.076	7	10	1.10	57	0.078	1	1.58	0.140	0.08	<0.1	<0.01	4.4	<0.1	<0.05	7	<0.5	<0.2		
1066433	Rock	0.079	8	10	1.23	34	0.049	1	1.71	0.118	0.07	<0.1	<0.01	4.9	<0.1	<0.05	7	<0.5	<0.2		
1066434	Rock	0.074	7	10	1.26	56	0.099	2	1.67	0.148	0.07	<0.1	<0.01	3.5	<0.1	<0.05	7	<0.5	<0.2		
1066435	Rock Pulp	0.052	8	25	0.77	114	0.135	3	1.79	0.204	0.23	4.7	0.51	2.7	<0.1	0.18	6	6.0	2.8	172	11.4
1066436	Rock	0.079	10	9	1.06	34	0.045	2	1.77	0.108	0.11	<0.1	<0.01	4.5	<0.1	0.78	7	<0.5	<0.2		
1066437	Rock	0.076	7	10	1.06	43	0.069	2	1.67	0.140	0.07	<0.1	<0.01	4.2	<0.1	<0.05	7	<0.5	<0.2		
1066438	Rock	0.080	9	10	1.06	75	0.071	<1	1.76	0.141	0.08	<0.1	<0.01	4.4	<0.1	0.07	7	<0.5	<0.2		
1066439	Rock	0.075	12	9	0.99	50	0.041	1	1.77	0.120	0.08	<0.1	0.02	6.1	<0.1	0.28	7	<0.5	<0.2		
1066440	Rock	0.082	10	9	1.02	77	0.083	2	1.89	0.157	0.07	<0.1	<0.01	6.0	<0.1	<0.05	7	<0.5	<0.2		

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Project: Charlotte Project
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS WHI11001083.1

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
1066441	Rock	3.32	0.013	1.4	7.2	10.4	93	0.1	2.4	9.3	1100	3.79	50.0	13.4	5.4	85	0.4	3.3	<0.1	68	3.53
1066442	Rock	2.49	0.023	1.0	11.7	63.7	90	0.3	2.5	7.6	791	3.67	145.8	27.2	5.4	73	0.3	1.8	<0.1	65	2.05
1066443	Rock	1.71	0.015	0.9	28.6	54.0	124	0.6	2.7	8.9	1554	3.91	139.6	19.1	4.2	184	1.4	6.5	1.0	56	5.88
1066444	Rock	0.57	<0.005	<0.1	0.8	1.1	13	<0.1	1.7	0.6	239	0.49	<0.5	1.2	<0.1	42	<0.1	<0.1	<0.1	<2	22.52
1066445	Rock	5.15	<0.005	0.5	3.4	16.0	93	0.2	2.4	7.4	1232	3.86	7.0	2.0	4.6	133	0.3	1.8	0.2	63	3.33
1066446	Rock	7.00	<0.005	1.0	39.1	51.1	165	0.4	3.4	10.2	1098	4.81	32.6	5.6	5.5	111	2.3	4.1	0.7	77	2.42
1066447	Rock	6.59	<0.005	0.6	5.8	10.9	95	0.1	2.8	8.9	1305	4.14	9.3	3.0	4.7	148	0.2	2.5	0.3	70	3.77
1066448	Rock	7.36	<0.005	0.6	3.1	7.4	83	<0.1	2.9	8.2	1093	4.14	5.8	1.4	5.0	102	0.2	2.5	<0.1	78	2.22
1066449	Rock	5.05	<0.005	1.1	2.4	7.1	70	<0.1	2.5	7.2	966	3.78	5.5	1.2	5.7	84	<0.1	1.9	<0.1	75	1.92
1066450	Rock	4.71	0.153	1.2	38.0	254.1	642	1.8	2.8	11.0	1340	4.86	699.8	167.1	4.6	98	14.9	9.8	3.1	48	3.08
1066451	Rock	6.32	<0.005	1.6	21.7	17.3	121	0.3	2.7	8.9	1046	3.98	32.0	6.4	4.8	77	0.7	0.9	0.3	86	1.55
1066452	Rock	5.93	0.016	1.1	84.0	116.9	139	2.1	3.1	8.7	1317	4.36	135.2	16.4	4.6	80	1.8	1.3	3.4	85	2.24
1066453	Rock	5.85	<0.005	1.0	2.3	11.2	79	<0.1	2.8	7.9	1157	3.90	7.4	2.3	5.0	100	0.2	1.1	<0.1	86	1.83
1066454	Rock	2.34	0.012	1.6	55.4	35.8	73	0.9	3.2	11.1	1238	5.11	88.6	11.0	5.0	60	0.2	6.4	2.4	60	2.23
1066455	Rock Pulp	0.14	0.370	10.2	138.9	7.9	55	0.2	27.4	35.6	528	3.44	1397	437.4	3.2	89	0.3	2.2	5.0	86	1.49
1066456	Rock	8.27	<0.005	1.1	4.8	10.5	81	0.1	2.8	7.5	1154	4.04	8.7	1.1	4.7	82	0.2	1.0	<0.1	89	1.64
1066457	Rock	4.11	<0.005	1.5	36.6	10.2	69	0.2	2.1	6.7	807	3.39	11.5	1.6	4.2	61	0.2	0.5	0.4	72	1.21
1066458	Rock	4.02	<0.005	1.2	23.9	9.0	65	0.4	2.2	6.3	804	3.20	4.0	<0.5	4.0	63	0.2	0.8	0.6	70	1.35
1066459	Rock	6.76	0.012	1.5	139.2	29.4	97	1.0	3.0	11.2	1223	3.82	76.8	9.4	4.6	58	0.7	5.6	1.2	52	2.07
1066460	Rock	4.96	0.011	1.4	22.9	44.9	85	0.6	2.3	8.4	1840	3.17	3760	9.6	4.6	70	1.4	20.0	0.7	42	2.61
1066461	Rock	6.45	0.021	1.5	20.1	20.7	90	0.8	3.5	11.8	2454	3.88	>10000	18.4	4.2	88	0.7	40.9	1.0	26	3.43
1066462	Rock	8.18	0.010	1.7	19.3	67.6	138	0.6	2.3	8.6	743	3.34	72.0	9.7	4.6	90	2.3	1.8	0.3	72	1.65
1066463	Rock	5.38	0.012	2.0	20.5	43.3	150	0.4	2.5	9.1	533	3.31	116.2	12.1	5.2	109	1.3	6.4	0.3	78	1.50
1066464	Rock	2.41	0.595	2.3	162.8	1699	3196	8.1	3.2	12.0	1316	4.21	6238	634.0	4.4	65	95.7	133.3	0.5	28	2.24
1066465	Rock	4.87	2.227	1.8	395.2	6217	7303	39.7	2.7	10.0	988	5.56	8093	2175	3.2	39	220.3	86.7	8.1	16	1.54
1066466	Rock	0.65	0.018	<0.1	1.5	24.1	41	0.1	1.3	0.5	202	0.40	27.3	7.5	<0.1	43	1.0	0.8	<0.1	<2	20.90
1066467	Rock	4.52	0.035	1.8	23.6	49.1	169	0.6	3.0	11.1	766	3.77	95.1	23.1	4.3	66	1.3	10.3	1.4	75	1.71
1066468	Rock	2.87	0.013	1.7	34.2	37.1	142	0.6	2.8	10.6	742	3.71	82.0	6.3	4.5	68	1.1	12.7	1.2	73	1.57
1066469	Rock	4.64	0.011	1.6	19.9	39.9	84	0.3	2.7	10.1	646	3.69	30.4	13.5	4.4	92	0.8	2.3	0.6	82	1.68
1066470	Rock	5.69	<0.005	1.8	10.2	9.2	71	<0.1	3.0	10.4	693	3.61	7.9	1.6	4.4	106	0.2	2.4	0.1	91	1.78

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
1066441	Rock	0.092	21	6	0.61	47	0.005	<1	1.21	0.007	0.08	0.4	0.01	8.0	<0.1	0.17	4	<0.5	<0.2		
1066442	Rock	0.082	14	7	0.76	29	0.002	<1	1.75	0.020	0.08	0.1	0.04	8.2	<0.1	0.22	5	<0.5	<0.2		
1066443	Rock	0.074	15	5	1.70	25	0.002	2	0.83	0.003	0.12	0.2	0.18	7.0	0.2	0.83	2	<0.5	<0.2		
1066444	Rock	0.017	<1	<1	12.74	11	<0.001	<1	0.03	0.002	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1066445	Rock	0.078	19	7	1.03	28	0.002	1	1.43	0.018	0.07	<0.1	0.02	8.3	<0.1	0.15	5	<0.5	<0.2		
1066446	Rock	0.090	16	8	1.16	75	0.011	<1	1.88	0.031	0.11	<0.1	0.05	7.4	<0.1	0.61	6	<0.5	<0.2		
1066447	Rock	0.083	16	7	1.54	42	0.008	<1	1.70	0.035	0.08	<0.1	<0.01	7.6	<0.1	0.23	6	<0.5	<0.2		
1066448	Rock	0.081	14	9	1.32	56	0.027	<1	1.86	0.055	0.08	<0.1	<0.01	7.2	<0.1	0.07	7	<0.5	<0.2		
1066449	Rock	0.083	15	9	1.04	55	0.029	2	1.59	0.068	0.12	<0.1	0.01	6.3	<0.1	0.13	6	<0.5	<0.2		
1066450	Rock	0.073	14	5	1.00	28	0.002	1	0.84	0.003	0.21	0.2	0.02	6.4	0.2	2.02	3	<0.5	<0.2		
1066451	Rock	0.085	7	10	1.07	44	0.094	1	1.58	0.138	0.10	<0.1	<0.01	3.7	<0.1	0.23	7	<0.5	<0.2		
1066452	Rock	0.081	8	10	1.25	68	0.073	1	1.94	0.110	0.13	<0.1	<0.01	5.0	<0.1	0.70	7	<0.5	<0.2		
1066453	Rock	0.079	8	10	1.16	99	0.112	2	1.62	0.134	0.10	0.1	<0.01	4.0	<0.1	<0.05	7	<0.5	<0.2		
1066454	Rock	0.081	15	6	0.83	24	0.003	2	1.11	0.015	0.15	0.1	0.04	7.4	0.1	2.18	4	0.8	<0.2		
1066455	Rock Pulp	0.061	8	48	0.82	138	0.141	3	1.89	0.218	0.29	0.5	0.01	3.0	<0.1	0.13	5	2.1	0.8		
1066456	Rock	0.082	8	10	1.12	53	0.093	2	1.63	0.159	0.10	<0.1	<0.01	4.4	<0.1	0.11	6	<0.5	<0.2		
1066457	Rock	0.069	6	8	1.01	38	0.056	2	1.28	0.113	0.08	<0.1	<0.01	2.9	<0.1	0.27	6	<0.5	<0.2		
1066458	Rock	0.068	6	8	0.95	35	0.057	2	1.25	0.111	0.07	<0.1	<0.01	3.4	<0.1	0.08	5	<0.5	<0.2		
1066459	Rock	0.073	15	4	0.71	46	0.001	<1	0.65	0.004	0.09	0.3	0.08	7.2	0.2	1.05	2	<0.5	<0.2		
1066460	Rock	0.071	10	4	0.74	22	0.003	3	0.84	0.033	0.14	<0.1	0.07	5.7	1.5	1.08	3	<0.5	<0.2		
1066461	Rock	0.069	11	2	0.83	30	<0.001	3	0.59	0.005	0.19	0.1	0.14	5.8	3.0	2.10	1	0.7	0.2		
1066462	Rock	0.068	8	8	1.00	41	0.037	2	1.45	0.147	0.10	<0.1	<0.01	4.5	0.1	0.32	5	<0.5	<0.2		
1066463	Rock	0.073	12	8	0.79	76	0.043	2	1.65	0.209	0.27	<0.1	<0.01	4.2	0.5	0.35	5	<0.5	<0.2		
1066464	Rock	0.075	11	3	0.73	14	<0.001	3	0.42	0.003	0.20	0.2	0.12	5.7	1.2	3.43	2	<0.5	<0.2		
1066465	Rock	0.062	5	2	0.54	7	<0.001	3	0.33	0.002	0.19	0.2	0.18	3.8	0.8	5.56	1	2.5	0.3		
1066466	Rock	0.021	<1	<1	10.63	9	<0.001	<1	0.02	0.001	<0.01	0.4	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066467	Rock	0.070	10	7	1.14	68	0.030	1	2.00	0.076	0.21	<0.1	<0.01	4.9	0.5	1.25	6	<0.5	<0.2		
1066468	Rock	0.073	10	7	1.21	67	0.029	<1	2.03	0.079	0.20	<0.1	<0.01	5.0	0.4	1.14	6	<0.5	<0.2		
1066469	Rock	0.070	11	8	1.09	79	0.060	1	1.82	0.157	0.28	<0.1	<0.01	4.1	0.5	0.83	6	<0.5	<0.2		
1066470	Rock	0.073	12	9	1.15	116	0.065	2	1.94	0.166	0.28	<0.1	<0.01	5.2	0.4	0.18	6	<0.5	<0.2		

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PO Box 11604
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Project: Charlotte Project
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS WHI11001083.1

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
1066471	Rock	5.11	0.025	1.9	43.2	118.3	247	1.2	3.0	11.5	653	3.95	202.8	22.8	4.6	51	2.5	18.2	2.7	52	1.54
1066472	Rock	6.08	0.013	2.1	68.3	82.6	168	1.2	3.3	12.6	856	4.44	595.5	12.3	4.4	52	1.7	15.6	3.4	40	1.65
1066473	Rock	3.15	2.158	1.6	331.9	184.4	43	8.5	1.1	7.6	41	23.99	1340	2082	1.0	3	1.0	5.9	105.0	3	0.04
1066474	Rock	0.55	0.016	0.1	1.3	2.1	15	<0.1	1.3	0.7	207	0.42	3.5	7.4	0.1	44	<0.1	0.1	0.2	<2	20.94
1066475	Rock	3.67	0.071	1.7	489.2	17.0	76	1.6	2.7	8.5	405	4.25	105.2	93.3	4.3	73	0.8	5.1	3.8	58	1.14
1066476	Rock	6.26	<0.005	2.0	26.5	19.6	70	0.2	2.8	9.0	526	3.27	9.6	2.8	4.7	93	0.4	0.5	0.6	83	1.20
1066477	Rock	7.05	0.008	2.1	23.1	20.6	59	0.2	3.1	10.2	461	3.50	20.7	6.6	4.5	89	0.3	0.7	0.5	86	1.13
1066478	Rock	8.24	<0.005	2.0	10.1	14.8	55	<0.1	2.6	8.6	329	3.16	2.6	<0.5	4.7	107	0.3	0.2	<0.1	90	1.08
1066479	Rock	6.86	<0.005	2.0	9.5	10.4	56	<0.1	2.8	9.3	404	3.28	1.6	1.2	4.6	107	0.3	0.2	<0.1	88	1.41
1066480	Rock	6.38	0.020	2.0	32.7	105.5	266	1.0	2.8	9.8	1245	3.62	52.9	18.0	4.2	97	5.1	3.7	1.2	66	1.78
1066481	Rock	3.12	<0.005	2.0	8.7	10.6	76	0.1	2.9	10.5	846	3.53	4.3	<0.5	4.8	123	0.2	0.9	<0.1	85	1.85
1066482	Rock	5.22	0.124	1.5	55.5	267.4	545	1.8	2.9	11.4	2834	4.15	829.1	122.3	3.1	94	7.6	30.6	1.2	30	4.30
1066483	Rock	5.49	0.111	1.2	18.5	32.3	131	0.4	4.2	10.7	2738	3.44	575.4	121.2	4.0	77	1.0	13.4	<0.1	36	3.39
1066484	Rock	3.88	<0.005	1.5	6.6	8.8	66	<0.1	3.8	10.4	769	3.67	3.8	<0.5	5.0	106	0.1	1.5	<0.1	82	1.87
1066485	Rock Pulp	0.14	>10	8.1	121.1	17.0	54	>100	15.7	10.8	566	3.44	226.8	12176	3.0	66	0.3	8.1	17.9	68	1.46
1066486	Rock	5.44	<0.005	1.7	6.5	7.1	72	0.2	4.2	17.2	1503	3.72	31.1	6.1	5.1	100	<0.1	2.4	<0.1	67	3.03
1066487	Rock	6.48	0.012	2.0	8.7	8.5	56	<0.1	3.4	10.6	583	3.42	1.7	1.0	5.0	118	0.1	0.7	<0.1	100	1.80
1066488	Rock	4.34	0.027	1.5	11.2	10.8	73	0.2	3.9	13.0	1253	3.74	112.4	21.5	4.7	81	0.2	2.9	<0.1	77	3.49
1066489	Rock	4.77	0.009	1.5	9.4	9.1	67	<0.1	3.7	13.9	1037	3.82	4.9	<0.5	5.1	54	0.2	2.7	<0.1	80	1.99
1066490	Rock	5.80	0.008	1.7	8.9	7.9	48	<0.1	3.2	10.2	478	3.24	<0.5	<0.5	5.2	124	0.1	0.6	<0.1	100	1.64
1066491	Rock	6.29	0.011	1.5	9.7	6.8	53	<0.1	3.8	11.3	518	3.28	1.5	<0.5	4.6	104	<0.1	0.7	<0.1	93	1.66
1066492	Rock	7.25	0.012	2.2	9.3	13.6	58	<0.1	3.6	11.1	454	3.61	2.2	4.2	5.4	122	0.2	0.6	<0.1	104	1.49
1066493	Rock	4.03	0.009	1.5	8.5	13.2	52	<0.1	3.1	10.1	974	3.26	4.7	1.7	4.6	148	0.1	2.9	<0.1	91	3.31
1066494	Rock	5.43	0.012	2.1	10.0	12.6	57	<0.1	3.5	11.3	441	3.81	2.5	1.7	5.3	107	0.2	1.6	<0.1	101	1.64
1066495	Rock	2.82	0.014	1.9	10.2	10.5	54	<0.1	3.6	11.2	426	3.80	2.5	1.7	5.0	104	0.2	1.6	<0.1	101	1.55
1066496	Rock	7.13	0.008	1.6	12.0	17.7	104	0.1	3.5	14.3	1067	3.32	18.4	3.3	5.2	129	0.3	4.6	0.1	76	4.97
1066497	Rock	2.86	0.007	2.1	9.6	14.5	141	0.1	3.2	12.2	965	3.81	32.2	1.1	6.2	95	0.4	6.3	<0.1	88	2.74
1066498	Rock	5.14	0.007	2.0	10.1	14.4	92	0.1	3.9	13.9	791	4.17	14.8	1.5	5.6	94	0.2	4.8	<0.1	84	2.86
1066499	Rock	7.78	0.008	2.3	19.0	25.1	76	0.3	3.4	10.8	448	3.60	8.1	3.7	5.6	117	0.3	2.1	0.4	102	1.61
1066500	Rock	6.09	<0.005	2.3	10.6	15.2	79	0.1	3.6	11.0	454	3.68	2.6	1.2	5.5	108	0.3	1.3	<0.1	106	1.54

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Project: Charlotte Project
Report Date: September 15, 2011

CERTIFICATE OF ANALYSIS WHI11001083.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
1066471	Rock	0.074	12	5	0.86	33	0.006	<1	1.19	0.023	0.18	0.2	0.03	5.8	0.3	2.05	4	0.5	<0.2		
1066472	Rock	0.075	11	4	0.78	25	0.001	2	0.82	0.007	0.20	0.1	0.05	5.1	0.8	2.92	3	<0.5	<0.2		
1066473	Rock	0.012	<1	1	0.01	2	<0.001	<1	0.13	0.002	0.09	0.1	0.03	<0.1	<0.1	>10	<1	17.7	7.7		
1066474	Rock	0.013	<1	<1	10.63	17	0.001	<1	0.04	0.001	0.03	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066475	Rock	0.061	9	6	0.70	41	0.034	2	1.37	0.145	0.31	<0.1	0.01	3.3	0.5	2.18	4	<0.5	<0.2		
1066476	Rock	0.075	11	9	1.01	76	0.072	1	1.79	0.224	0.28	0.1	<0.01	2.8	0.3	0.35	6	<0.5	<0.2		
1066477	Rock	0.076	11	9	1.20	81	0.087	<1	1.86	0.210	0.28	0.2	<0.01	2.9	0.3	0.37	6	<0.5	<0.2		
1066478	Rock	0.073	11	10	0.98	95	0.102	<1	1.81	0.277	0.30	0.1	<0.01	2.0	0.2	<0.05	6	<0.5	<0.2		
1066479	Rock	0.069	12	10	1.04	93	0.098	<1	1.80	0.246	0.29	<0.1	<0.01	2.9	0.2	<0.05	6	<0.5	<0.2		
1066480	Rock	0.071	10	7	1.01	66	0.035	<1	1.14	0.133	0.26	<0.1	0.01	4.4	0.4	0.57	3	<0.5	<0.2		
1066481	Rock	0.071	12	8	1.01	90	0.072	1	1.83	0.245	0.32	<0.1	0.01	4.9	0.3	<0.05	6	<0.5	<0.2		
1066482	Rock	0.058	6	4	1.08	18	<0.001	3	0.38	0.004	0.22	0.1	0.04	4.1	0.9	2.30	1	<0.5	<0.2		
1066483	Rock	0.063	9	6	1.13	26	<0.001	2	0.40	0.004	0.23	<0.1	0.05	4.9	1.2	1.30	<1	<0.5	<0.2		
1066484	Rock	0.063	13	10	1.10	162	0.043	1	2.01	0.137	0.24	<0.1	<0.01	6.6	0.2	<0.05	6	<0.5	<0.2		
1066485	Rock Pulp	0.047	7	24	0.71	105	0.118	3	1.54	0.160	0.20	4.0	0.44	2.3	<0.1	0.17	4	5.3	2.5	170	11.7
1066486	Rock	0.069	17	7	0.84	205	0.011	1	1.15	0.035	0.20	0.2	0.07	8.0	0.3	0.21	3	<0.5	<0.2		
1066487	Rock	0.069	12	12	1.11	95	0.076	<1	1.89	0.249	0.32	<0.1	<0.01	4.8	0.2	<0.05	5	<0.5	<0.2		
1066488	Rock	0.066	17	8	1.07	29	0.007	<1	0.88	0.007	0.10	0.2	0.07	8.7	<0.1	0.15	2	<0.5	<0.2		
1066489	Rock	0.073	19	9	0.70	23	0.007	<1	0.73	0.005	0.06	0.3	0.03	11.5	<0.1	<0.05	2	<0.5	<0.2		
1066490	Rock	0.068	12	12	0.95	115	0.079	1	1.76	0.265	0.33	<0.1	<0.01	4.9	0.2	<0.05	5	<0.5	<0.2		
1066491	Rock	0.064	12	11	1.11	156	0.055	<1	1.63	0.135	0.24	<0.1	<0.01	5.4	0.1	<0.05	5	<0.5	<0.2		
1066492	Rock	0.077	13	12	1.21	137	0.110	<1	1.90	0.265	0.34	0.1	<0.01	5.0	0.2	<0.05	6	<0.5	<0.2		
1066493	Rock	0.068	12	10	1.07	206	0.061	<1	2.00	0.054	0.28	<0.1	<0.01	4.2	0.1	<0.05	6	<0.5	<0.2		
1066494	Rock	0.072	12	11	0.93	131	0.095	<1	1.86	0.193	0.32	<0.1	<0.01	4.6	0.2	<0.05	6	<0.5	<0.2		
1066495	Rock	0.073	12	10	0.92	123	0.097	<1	1.86	0.192	0.32	<0.1	<0.01	4.4	0.2	0.07	6	<0.5	<0.2		
1066496	Rock	0.078	20	7	1.29	25	0.007	<1	0.85	0.002	0.05	0.5	0.16	11.3	0.1	0.13	2	<0.5	<0.2		
1066497	Rock	0.091	22	10	0.71	26	0.014	<1	0.78	0.003	0.06	1.0	0.08	13.6	<0.1	<0.05	3	<0.5	<0.2		
1066498	Rock	0.073	14	10	0.93	77	0.022	<1	2.00	0.020	0.14	0.2	0.01	7.7	0.2	0.06	6	<0.5	<0.2		
1066499	Rock	0.076	11	12	1.03	162	0.109	2	1.76	0.202	0.26	0.1	<0.01	3.1	0.2	0.14	6	<0.5	<0.2		
1066500	Rock	0.072	11	12	1.18	139	0.125	<1	2.04	0.237	0.24	0.1	<0.01	3.8	0.1	<0.05	6	<0.5	<0.2		

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CERTIFICATE OF ANALYSIS WHI11001083.1

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
1066501	Rock	6.94	<0.005	2.1	10.7	19.5	82	0.1	3.5	11.2	646	3.71	3.6	1.6	5.3	95	0.3	1.4	<0.1	98	1.87
1066502	Rock	4.82	<0.005	1.4	8.9	13.3	69	0.1	4.0	11.2	681	3.59	3.8	1.8	5.1	113	0.2	2.0	<0.1	110	1.92
1066503	Rock	7.38	<0.005	1.9	9.9	34.4	101	0.3	4.1	11.5	1597	3.61	19.8	4.7	5.2	99	0.6	1.3	<0.1	88	2.51
1066504	Rock	4.26	0.027	2.1	13.8	40.2	239	0.4	3.1	11.3	1576	4.07	238.0	29.9	5.2	53	2.7	4.1	<0.1	71	1.76
1066505	Rock Pulp	0.14	0.372	10.9	147.6	7.9	52	0.2	29.6	38.8	500	3.30	1358	398.1	3.2	82	0.3	2.5	5.1	79	1.33
1066506	Rock	7.19	<0.005	2.1	11.2	10.3	53	<0.1	3.4	9.8	536	3.37	4.0	1.1	4.4	84	0.2	0.7	<0.1	91	1.41

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CERTIFICATE OF ANALYSIS WHI11001083.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1066501	Rock	0.073	11	13	1.15	79	0.095	<1	1.73	0.183	0.13	0.1	<0.01	4.4	<0.1	0.06	6	<0.5	<0.2		
1066502	Rock	0.072	10	16	1.11	182	0.101	<1	1.79	0.106	0.20	<0.1	<0.01	4.2	0.1	<0.05	6	<0.5	<0.2		
1066503	Rock	0.068	10	16	1.17	91	0.057	1	1.86	0.140	0.19	<0.1	<0.01	5.7	0.2	0.21	6	<0.5	<0.2		
1066504	Rock	0.080	17	12	0.62	25	0.003	<1	0.72	0.003	0.09	0.6	0.10	10.1	0.1	0.35	2	<0.5	<0.2		
1066505	Rock Pulp	0.055	7	49	0.77	130	0.143	3	1.70	0.184	0.27	0.4	0.01	2.6	<0.1	0.13	5	1.8	0.6		
1066506	Rock	0.068	8	17	0.92	54	0.094	1	1.46	0.162	0.08	<0.1	<0.01	3.1	<0.1	<0.05	6	<0.5	<0.2		

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Report Date: September 15, 2011

QUALITY CONTROL REPORT WHI11001083.1

	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																					
1066384	Rock	3.19	0.012	0.7	24.9	80.9	1413	0.4	6.6	5.9	1668	1.95	87.6	13.3	2.8	27	5.5	2.5	0.2	14	0.20
REP 1066384	QC			0.6	23.5	77.3	1307	0.3	6.1	5.8	1587	1.79	82.5	13.4	2.8	26	5.2	2.6	0.1	13	0.19
1066406	Rock	4.75	<0.005	0.6	7.1	56.2	213	0.4	3.7	10.1	1335	4.78	39.0	7.3	5.2	62	1.9	2.6	0.1	96	1.50
REP 1066406	QC			0.6	7.8	57.6	221	0.4	3.8	10.5	1397	4.76	41.2	9.0	5.2	64	2.1	3.1	0.1	97	1.55
1066414	Rock	4.69	0.019	0.8	95.2	739.0	959	2.7	3.4	9.9	537	4.60	144.3	12.0	5.6	14	8.4	9.5	1.8	53	0.16
REP 1066414	QC			0.9	99.1	786.7	985	2.7	3.7	9.5	521	4.70	143.0	12.8	5.8	15	8.5	9.3	1.9	53	0.17
1066426	Rock	6.73	<0.005	1.4	3.5	16.9	92	0.1	2.6	9.4	1153	3.85	4.5	2.5	5.2	81	0.9	0.9	<0.1	84	2.09
REP 1066426	QC		<0.005																		
1066431	Rock	5.59	<0.005	0.8	1.4	8.6	95	<0.1	3.0	9.8	1637	4.17	6.7	3.9	5.3	98	0.2	1.5	<0.1	84	3.61
REP 1066431	QC			0.8	1.2	8.6	94	<0.1	2.9	9.6	1626	4.21	6.2	3.9	4.9	90	0.2	1.4	<0.1	84	3.67
1066438	Rock	6.32	<0.005	1.6	10.2	11.1	74	0.2	2.6	9.0	1028	3.93	4.7	2.1	5.3	113	0.2	1.2	0.1	89	2.01
REP 1066438	QC		<0.005																		
1066445	Rock	5.15	<0.005	0.5	3.4	16.0	93	0.2	2.4	7.4	1232	3.86	7.0	2.0	4.6	133	0.3	1.8	0.2	63	3.33
REP 1066445	QC			0.6	3.4	16.5	95	0.2	2.4	7.2	1289	3.95	7.2	0.6	4.7	137	0.2	2.2	0.2	65	3.44
1066459	Rock	6.76	0.012	1.5	139.2	29.4	97	1.0	3.0	11.2	1223	3.82	76.8	9.4	4.6	58	0.7	5.6	1.2	52	2.07
REP 1066459	QC			1.7	146.6	29.8	104	1.1	3.3	11.5	1237	3.89	80.7	8.4	4.6	58	0.7	5.5	1.3	52	2.10
1066471	Rock	5.11	0.025	1.9	43.2	118.3	247	1.2	3.0	11.5	653	3.95	202.8	22.8	4.6	51	2.5	18.2	2.7	52	1.54
REP 1066471	QC		0.026																		
1066475	Rock	3.67	0.071	1.7	489.2	17.0	76	1.6	2.7	8.5	405	4.25	105.2	93.3	4.3	73	0.8	5.1	3.8	58	1.14
REP 1066475	QC			2.0	509.1	17.8	84	1.7	3.2	9.5	429	4.40	113.8	81.1	4.6	78	1.0	5.5	4.1	61	1.19
1066494	Rock	5.43	0.012	2.1	10.0	12.6	57	<0.1	3.5	11.3	441	3.81	2.5	1.7	5.3	107	0.2	1.6	<0.1	101	1.64
REP 1066494	QC			2.0	10.0	12.6	55	<0.1	3.7	11.7	444	3.87	2.3	2.0	5.4	108	0.2	1.6	<0.1	103	1.66
1066502	Rock	4.82	<0.005	1.4	8.9	13.3	69	0.1	4.0	11.2	681	3.59	3.8	1.8	5.1	113	0.2	2.0	<0.1	110	1.92
REP 1066502	QC			1.3	8.6	13.7	67	0.1	3.9	11.3	687	3.65	3.9	2.2	5.1	109	0.2	2.1	<0.1	112	1.93
Core Reject Duplicates																					
1066394	Rock	6.48	<0.005	0.5	21.6	19.5	242	0.1	14.5	11.1	825	2.52	17.3	6.6	4.0	123	0.7	7.3	0.3	57	1.96
DUP 1066394	QC		<0.005	0.8	22.5	19.3	231	0.1	14.3	11.0	792	2.51	16.3	5.0	3.8	131	0.6	5.8	0.2	56	1.96
1066429	Rock	4.80	<0.005	1.0	2.9	27.7	118	0.2	2.4	8.5	1067	4.09	7.4	2.3	5.2	67	0.5	1.8	<0.1	75	1.72

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 15, 2011

QUALITY CONTROL REPORT WHI11001083.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
Pulp Duplicates																					
1066384	Rock	0.032	7	6	0.17	66	<0.001	1	0.50	0.050	0.16	<0.1	0.04	1.6	0.1	0.44	2	<0.5	<0.2		
REP 1066384	QC	0.032	7	6	0.17	62	<0.001	2	0.50	0.047	0.15	<0.1	0.03	1.7	0.2	0.41	2	<0.5	<0.2		
1066406	Rock	0.083	7	11	1.68	68	0.100	1	2.25	0.104	0.14	0.2	<0.01	5.6	<0.1	<0.05	8	<0.5	<0.2		
REP 1066406	QC	0.084	8	12	1.75	73	0.112	2	2.35	0.107	0.15	0.2	<0.01	5.7	<0.1	<0.05	9	<0.5	<0.2		
1066414	Rock	0.078	17	6	0.18	68	0.002	1	0.97	0.003	0.13	1.7	0.04	6.6	0.2	0.08	3	0.6	<0.2		
REP 1066414	QC	0.082	18	6	0.19	71	0.002	<1	1.00	0.004	0.13	1.5	0.04	6.6	0.2	0.09	3	0.6	<0.2		
1066426	Rock	0.074	9	9	1.14	67	0.056	2	1.79	0.138	0.09	<0.1	<0.01	4.7	<0.1	<0.05	7	<0.5	<0.2		
REP 1066426	QC																				
1066431	Rock	0.081	15	9	1.22	63	0.029	<1	2.09	0.068	0.08	<0.1	<0.01	6.1	<0.1	<0.05	8	<0.5	<0.2		
REP 1066431	QC	0.081	14	9	1.19	61	0.023	<1	2.02	0.067	0.08	<0.1	<0.01	5.9	<0.1	<0.05	7	<0.5	<0.2		
1066438	Rock	0.080	9	10	1.06	75	0.071	<1	1.76	0.141	0.08	<0.1	<0.01	4.4	<0.1	0.07	7	<0.5	<0.2		
REP 1066438	QC																				
1066445	Rock	0.078	19	7	1.03	28	0.002	1	1.43	0.018	0.07	<0.1	0.02	8.3	<0.1	0.15	5	<0.5	<0.2		
REP 1066445	QC	0.082	20	7	1.09	31	0.002	<1	1.47	0.018	0.07	<0.1	0.01	8.8	<0.1	0.15	5	<0.5	<0.2		
1066459	Rock	0.073	15	4	0.71	46	0.001	<1	0.65	0.004	0.09	0.3	0.08	7.2	0.2	1.05	2	<0.5	<0.2		
REP 1066459	QC	0.077	15	4	0.72	49	0.001	<1	0.66	0.004	0.09	0.3	0.08	7.4	0.2	1.07	2	<0.5	<0.2		
1066471	Rock	0.074	12	5	0.86	33	0.006	<1	1.19	0.023	0.18	0.2	0.03	5.8	0.3	2.05	4	0.5	<0.2		
REP 1066471	QC																				
1066475	Rock	0.061	9	6	0.70	41	0.034	2	1.37	0.145	0.31	<0.1	0.01	3.3	0.5	2.18	4	<0.5	<0.2		
REP 1066475	QC	0.067	10	6	0.74	44	0.036	2	1.45	0.153	0.32	<0.1	0.01	3.4	0.5	2.26	4	0.9	<0.2		
1066494	Rock	0.072	12	11	0.93	131	0.095	<1	1.86	0.193	0.32	<0.1	<0.01	4.6	0.2	<0.05	6	<0.5	<0.2		
REP 1066494	QC	0.075	12	12	0.95	130	0.093	<1	1.86	0.194	0.32	<0.1	<0.01	4.9	0.2	<0.05	6	<0.5	<0.2		
1066502	Rock	0.072	10	16	1.11	182	0.101	<1	1.79	0.106	0.20	<0.1	<0.01	4.2	0.1	<0.05	6	<0.5	<0.2		
REP 1066502	QC	0.068	10	16	1.11	181	0.099	<1	1.78	0.106	0.21	<0.1	<0.01	4.1	<0.1	<0.05	6	<0.5	<0.2		
Core Reject Duplicates																					
1066394	Rock	0.067	12	53	1.04	73	0.064	<1	1.24	0.068	0.20	<0.1	0.03	7.3	0.4	0.36	5	<0.5	<0.2		
DUP 1066394	QC	0.065	12	55	1.04	77	0.066	<1	1.22	0.077	0.20	<0.1	0.02	7.4	0.4	0.36	5	<0.5	<0.2		
1066429	Rock	0.082	11	8	1.03	44	0.052	<1	1.58	0.078	0.09	0.1	0.02	5.2	<0.1	0.05	6	<0.5	<0.2		

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Project: Charlotte Project
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QUALITY CONTROL REPORT WHI11001083.1

		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
DUP 1066429	QC		<0.005	1.1	3.2	29.6	130	0.2	2.8	8.9	1091	4.20	7.8	1.1	5.1	68	0.6	1.8	<0.1	74	1.83
1066464	Rock	2.41	0.595	2.3	162.8	1699	3196	8.1	3.2	12.0	1316	4.21	6238	634.0	4.4	65	95.7	133.3	0.5	28	2.24
DUP 1066464	QC		0.606	1.9	153.5	1587	2918	7.6	3.2	11.3	1201	3.96	5904	601.6	4.0	58	88.4	115.7	0.5	26	2.04
1066499	Rock	7.78	0.008	2.3	19.0	25.1	76	0.3	3.4	10.8	448	3.60	8.1	3.7	5.6	117	0.3	2.1	0.4	102	1.61
DUP 1066499	QC		<0.005	2.1	21.6	23.9	72	0.3	3.2	10.2	444	3.50	7.7	3.9	5.6	109	0.3	2.0	0.4	97	1.58
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			13.2	108.9	121.5	305	1.7	35.5	7.4	604	2.43	23.9	113.9	7.2	67	2.3	5.6	7.0	40	0.70
STD DS8	Standard			12.9	118.8	129.3	324	1.9	40.7	7.9	598	2.53	26.5	109.6	7.2	68	2.3	6.5	7.7	40	0.69
STD DS8	Standard			13.9	109.8	130.6	313	1.8	38.0	7.4	623	2.51	24.3	114.9	7.6	68	2.1	5.9	6.8	42	0.74
STD DS8	Standard			13.5	115.9	125.1	345	1.9	39.6	8.2	692	2.71	28.3	138.0	7.7	76	2.5	6.1	7.6	45	0.77
STD DS8	Standard			11.5	105.9	116.2	284	1.6	36.3	7.0	561	2.30	22.6	101.9	6.2	58	2.0	4.6	6.4	38	0.64
STD OXH82	Standard		1.329																		
STD OXH82	Standard		1.293																		
STD OXH82	Standard		1.252																		
STD OXH82	Standard		1.278																		
STD OXH82	Standard		1.300																		
STD OXK79	Standard		3.740																		
STD OXK79	Standard		3.637																		
STD OXK79	Standard		3.575																		
STD OXK79	Standard		3.519																		
STD OXK79	Standard		3.640																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD AGPROOF Expected																					
STD CDN-ME-3 Expected																					
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

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QUALITY CONTROL REPORT WHI11001083.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
DUP 1066429	QC	0.080	12	8	1.04	44	0.035	2	1.59	0.067	0.09	0.1	<0.01	5.3	<0.1	0.05	6	<0.5	<0.2		
1066464	Rock	0.075	11	3	0.73	14	<0.001	3	0.42	0.003	0.20	0.2	0.12	5.7	1.2	3.43	2	<0.5	<0.2		
DUP 1066464	QC	0.067	10	3	0.67	14	<0.001	3	0.43	0.003	0.20	0.1	0.11	5.0	1.0	3.22	2	0.7	<0.2		
1066499	Rock	0.076	11	12	1.03	162	0.109	2	1.76	0.202	0.26	0.1	<0.01	3.1	0.2	0.14	6	<0.5	<0.2		
DUP 1066499	QC	0.071	10	12	0.98	152	0.110	1	1.69	0.195	0.25	0.1	<0.01	3.2	0.2	0.14	6	<0.5	<0.2		
Reference Materials																					
STD AGPROOF	Standard																			99	<0.9
STD CDN-ME-3	Standard																			271	9.6
STD CDN-ME-3	Standard																			260	9.8
STD DS8	Standard	0.079	15	106	0.60	267	0.128	2	0.90	0.084	0.41	3.0	0.20	2.0	5.2	0.16	5	5.1	5.0		
STD DS8	Standard	0.081	15	120	0.61	277	0.127	3	0.89	0.085	0.42	3.0	0.20	2.1	5.4	0.16	4	4.8	5.1		
STD DS8	Standard	0.075	18	115	0.62	265	0.131	3	0.94	0.089	0.41	3.1	0.22	2.1	5.7	0.16	5	5.7	5.6		
STD DS8	Standard	0.085	17	128	0.67	294	0.130	3	1.01	0.101	0.45	3.3	0.22	2.2	5.6	0.17	5	6.2	5.2		
STD DS8	Standard	0.067	12	107	0.56	229	0.103	3	0.83	0.079	0.38	2.6	0.19	1.8	5.0	0.15	4	4.8	4.4		
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 OXH82 Expected																					
STD OXK79 Expected																					
STD AGPROOF Expected																				94	0
STD CDN-ME-3 Expected																				276	9.77
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		

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QUALITY CONTROL REPORT WHI11001083.1

		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		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
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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																				
BLK	Blank																				
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			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank		0.010	0.2	2.9	3.4	49	<0.1	2.9	4.1	611	2.24	0.7	0.9	6.2	73	<0.1	<0.1	0.2	41	0.55
G1	Prep Blank		<0.005	0.2	2.1	3.4	48	<0.1	2.4	4.0	594	2.12	<0.5	<0.5	6.4	68	<0.1	<0.1	<0.1	38	0.50

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 15, 2011

QUALITY CONTROL REPORT WHI11001083.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
BLK	Blank																					
BLK	Blank																					
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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																				<50	<0.9
BLK	Blank																				<50	<0.9
BLK	Blank																				<50	<0.9
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	<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			
Prep Wash																						
G1	Prep Blank	0.078	16	6	0.56	170	0.148	1	1.05	0.096	0.51	0.2	<0.01	1.8	0.4	<0.05	6	<0.5	<0.2			
G1	Prep Blank	0.072	15	5	0.52	160	0.137	2	1.00	0.099	0.49	<0.1	<0.01	2.1	0.4	<0.05	5	<0.5	<0.2			

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Acme Analytical Laboratories (Vancouver) Ltd.
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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: August 19, 2011
Report Date: October 27, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI11001242.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-026
P.O. Number
Number of Samples: 93

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	88	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	93	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	93	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
7TD	1	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN
G6Gr	2	Lead collection fire assay 30G fusion - Grav finish	30	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
Nicola Struyk

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS WHI11001242.1

	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
1066507	Drill Core	7.05	<0.005	2.0	10.6	15.8	57	0.1	3.3	8.3	448	3.13	3.4	2.1	4.9	84	0.2	0.5	<0.1	98	1.28
1066508	Drill Core	7.84	<0.005	1.9	9.9	19.5	57	0.1	2.8	8.6	413	3.07	2.6	1.7	5.1	86	0.2	0.6	<0.1	94	1.40
1066509	Drill Core	7.07	<0.005	1.7	5.3	18.9	56	0.1	2.8	7.2	450	2.97	3.6	0.6	4.5	83	0.2	0.4	<0.1	89	1.30
1066510	Drill Core	6.95	<0.005	1.6	4.4	47.0	78	0.2	3.1	7.2	527	2.82	3.1	0.6	4.1	86	1.0	0.5	<0.1	83	1.44
1066511	Drill Core	5.25	0.009	1.6	7.2	24.9	56	0.3	3.5	10.1	1120	3.24	30.8	6.9	3.8	126	0.3	1.2	<0.1	82	2.63
1066512	Drill Core	4.67	<0.005	1.6	7.8	12.0	59	0.1	3.3	9.5	712	3.29	3.4	<0.5	4.9	93	0.3	1.2	<0.1	91	2.07
1066513	Drill Core	7.25	0.115	2.0	5.9	68.2	112	0.5	3.9	11.9	2322	3.81	161.1	111.2	4.1	88	0.8	3.0	<0.1	51	3.13
1066514	Drill Core	0.83	<0.005	0.2	0.7	1.2	13	<0.1	1.3	0.6	194	0.42	<0.5	0.6	<0.1	39	<0.1	<0.1	<0.1	2	14.88
1066515	Drill Core	6.24	0.035	1.7	6.7	12.5	78	0.3	4.0	12.7	2693	3.73	70.5	33.8	4.3	93	0.2	3.4	<0.1	55	3.17
1066516	Drill Core	7.65	<0.005	1.7	8.8	13.2	70	<0.1	2.9	9.5	690	3.23	6.8	<0.5	4.8	149	0.2	1.5	<0.1	87	1.83
1066517	Drill Core	5.99	<0.005	2.1	8.4	11.8	61	0.1	3.6	9.1	737	3.12	3.9	1.5	5.2	107	0.2	1.3	<0.1	91	2.04
1066518	Drill Core	6.54	0.033	1.5	9.3	13.3	53	<0.1	2.8	7.8	441	2.89	6.7	0.6	4.9	99	0.1	1.1	<0.1	90	1.31
1066519	Drill Core	5.56	0.032	1.3	7.1	14.1	63	0.1	3.4	7.3	474	3.04	2.9	<0.5	4.9	94	0.2	0.9	<0.1	88	1.32
1066520	Drill Core	6.17	0.028	1.5	8.0	11.8	67	0.1	3.1	9.2	733	3.36	34.4	<0.5	5.2	129	0.2	2.7	<0.1	89	2.39
1066521	Drill Core	7.24	0.032	1.8	9.9	11.8	57	<0.1	3.0	8.5	373	2.89	<0.5	<0.5	5.2	119	0.2	0.4	<0.1	94	1.35
1066522	Drill Core	7.58	0.029	1.6	8.6	14.9	61	0.1	3.2	9.8	796	3.42	3.9	0.5	5.2	132	0.3	1.6	<0.1	97	2.66
1066523	Drill Core	6.94	0.029	1.5	4.0	14.5	75	0.1	3.3	9.8	911	3.36	3.0	<0.5	4.7	109	0.2	0.4	<0.1	91	2.06
1066524	Drill Core	7.83	0.029	2.4	2.4	17.4	58	0.1	2.8	7.1	681	3.02	3.8	<0.5	4.9	95	0.5	0.5	<0.1	78	1.60
1066525	Rock Pulp	0.11	0.408	9.8	138.5	7.9	54	0.2	26.2	35.1	501	3.23	1389	426.7	3.3	80	0.2	2.3	5.0	83	1.37
1066526	Drill Core	7.28	0.034	1.6	3.4	14.7	68	0.1	3.2	8.9	729	3.33	3.1	<0.5	5.0	103	0.3	0.8	<0.1	89	1.67
1066527	Drill Core	4.41	0.030	1.7	2.8	11.5	66	0.1	3.4	8.8	743	3.14	3.5	<0.5	4.9	101	0.2	1.2	<0.1	85	1.89
1066528	Drill Core	4.12	0.031	1.9	2.8	12.6	80	0.1	3.6	10.9	997	3.80	31.4	<0.5	5.6	105	0.3	2.5	<0.1	85	3.25
1066529	Drill Core	3.45	0.033	1.3	4.9	13.3	73	0.1	3.4	12.3	993	3.95	4.6	<0.5	4.7	163	0.3	2.2	<0.1	75	4.47
1066530	Drill Core	4.55	0.028	1.9	13.6	17.2	82	0.2	4.7	14.0	625	4.51	6.9	<0.5	5.8	89	0.4	3.5	<0.1	85	1.67
1066531	Drill Core	3.62	0.031	1.9	6.8	20.2	101	0.2	4.0	13.0	1389	3.97	53.3	3.3	5.7	84	0.3	3.3	<0.1	88	2.96
1066532	Drill Core	1.35	3.915	1.0	17.7	95.2	2051	1.3	3.0	8.0	1891	2.85	3353	4387	1.7	105	41.2	42.0	<0.1	21	4.56
1066533	Rock	0.70	0.029	<0.1	0.6	1.2	15	<0.1	1.0	0.5	180	0.39	2.0	1.9	<0.1	44	<0.1	<0.1	<0.1	<2	17.78
1066534	Drill Core	4.48	0.038	1.6	9.7	22.0	78	0.2	3.6	12.3	1418	3.32	33.0	9.6	4.9	88	0.5	3.6	<0.1	74	3.44
1066535	Rock Pulp	0.14	>10	7.7	114.3	15.7	53	>100	13.4	9.7	527	3.32	204.6	11728	2.9	69	0.3	9.1	18.1	65	1.45
1066536	Drill Core	4.46	0.033	1.8	20.2	14.6	68	0.2	3.3	9.7	608	3.56	4.2	4.0	4.5	134	0.3	6.9	<0.1	89	2.16

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

Project: Charlotte Project
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS WHI11001242.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Zn	Ag
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	gm/t
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	0.01	50
1066507	Drill Core	0.070	8	16	1.00	60	0.119	2	1.53	0.179	0.10	0.1	<0.01	2.8	<0.1	<0.05	5	<0.5	<0.2		
1066508	Drill Core	0.073	9	15	0.95	64	0.108	2	1.55	0.152	0.09	<0.1	<0.01	2.6	<0.1	<0.05	6	<0.5	<0.2		
1066509	Drill Core	0.066	7	14	0.83	67	0.104	1	1.37	0.165	0.09	<0.1	<0.01	2.2	<0.1	<0.05	5	<0.5	<0.2		
1066510	Drill Core	0.062	7	14	0.83	55	0.095	<1	1.36	0.160	0.08	<0.1	<0.01	3.3	<0.1	<0.05	5	<0.5	<0.2		
1066511	Drill Core	0.059	9	13	1.00	126	0.051	1	1.60	0.142	0.12	<0.1	<0.01	5.8	<0.1	0.19	5	<0.5	<0.2		
1066512	Drill Core	0.071	11	15	0.97	58	0.081	1	1.37	0.124	0.08	0.1	<0.01	5.3	<0.1	<0.05	5	<0.5	<0.2		
1066513	Drill Core	0.068	12	8	1.19	54	0.001	1	0.80	0.010	0.21	0.1	0.04	6.0	0.4	0.67	2	<0.5	<0.2		
1066514	Drill Core	0.012	<1	<1	10.65	12	0.001	<1	0.03	0.002	0.02	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1066515	Drill Core	0.071	13	8	1.14	41	<0.001	2	0.68	0.006	0.21	<0.1	0.02	7.6	0.6	0.48	2	<0.5	<0.2		
1066516	Drill Core	0.064	10	14	0.89	155	0.065	<1	1.71	0.144	0.10	<0.1	<0.01	4.5	0.1	<0.05	6	<0.5	<0.2		
1066517	Drill Core	0.068	12	14	0.92	112	0.083	1	1.63	0.187	0.14	0.2	<0.01	5.1	0.1	<0.05	5	<0.5	<0.2		
1066518	Drill Core	0.064	10	15	0.80	121	0.085	<1	1.58	0.191	0.17	<0.1	<0.01	3.0	<0.1	<0.05	5	<0.5	<0.2		
1066519	Drill Core	0.067	9	15	0.84	92	0.101	1	1.53	0.194	0.15	<0.1	<0.01	3.4	<0.1	<0.05	5	<0.5	<0.2		
1066520	Drill Core	0.071	13	14	1.02	112	0.048	2	1.87	0.109	0.11	0.1	<0.01	6.0	<0.1	<0.05	6	<0.5	<0.2		
1066521	Drill Core	0.066	11	14	0.82	119	0.090	<1	1.72	0.284	0.20	<0.1	<0.01	4.2	0.1	<0.05	5	<0.5	<0.2		
1066522	Drill Core	0.068	13	15	1.03	125	0.054	<1	1.92	0.172	0.16	<0.1	<0.01	6.0	0.2	<0.05	6	<0.5	<0.2		
1066523	Drill Core	0.064	9	15	1.27	57	0.028	<1	1.77	0.182	0.08	<0.1	<0.01	6.7	0.1	<0.05	6	<0.5	<0.2		
1066524	Drill Core	0.063	8	14	0.95	99	0.064	1	1.34	0.157	0.09	<0.1	<0.01	4.4	<0.1	<0.05	5	<0.5	<0.2		
1066525	Rock Pulp	0.059	7	46	0.78	133	0.121	3	1.74	0.192	0.27	0.4	<0.01	3.1	<0.1	0.13	5	2.3	0.9		
1066526	Drill Core	0.068	8	15	1.01	87	0.075	<1	1.44	0.170	0.09	<0.1	<0.01	5.5	<0.1	<0.05	5	<0.5	<0.2		
1066527	Drill Core	0.069	8	16	0.97	99	0.067	<1	1.45	0.147	0.08	<0.1	<0.01	4.9	0.1	<0.05	5	<0.5	<0.2		
1066528	Drill Core	0.081	19	13	0.94	21	0.002	1	1.15	0.009	0.08	0.2	0.05	11.3	0.2	0.05	4	<0.5	<0.2		
1066529	Drill Core	0.067	18	12	1.45	143	0.002	<1	1.49	0.009	0.07	0.2	<0.01	9.0	0.2	<0.05	4	<0.5	<0.2		
1066530	Drill Core	0.080	19	16	0.89	20	0.005	<1	1.88	0.023	0.08	0.2	0.08	10.2	0.1	<0.05	6	<0.5	<0.2		
1066531	Drill Core	0.083	20	13	1.08	25	0.002	1	0.91	0.006	0.11	0.5	0.10	12.2	0.4	0.17	3	<0.5	<0.2		
1066532	Drill Core	0.026	5	1	1.45	112	<0.001	<1	0.31	0.004	0.13	0.1	0.28	2.7	0.6	1.07	1	0.5	<0.2		
1066533	Rock	0.013	<1	<1	12.27	11	<0.001	<1	0.03	0.002	0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066534	Drill Core	0.077	18	9	1.13	149	0.002	<1	0.90	0.006	0.13	0.4	0.09	9.9	0.3	0.24	3	<0.5	<0.2		
1066535	Rock Pulp	0.047	7	22	0.67	106	0.113	3	1.56	0.163	0.20	4.0	0.45	2.7	<0.1	0.17	5	4.7	2.5		166
1066536	Drill Core	0.074	12	14	0.83	114	0.033	<1	1.79	0.065	0.11	<0.1	<0.01	6.9	0.1	<0.05	6	<0.5	<0.2		

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS WHI11001242.1

	Method	G6Gr
	Analyte	Au
	Unit	gm/t
	MDL	0.9
1066507	Drill Core	
1066508	Drill Core	
1066509	Drill Core	
1066510	Drill Core	
1066511	Drill Core	
1066512	Drill Core	
1066513	Drill Core	
1066514	Drill Core	
1066515	Drill Core	
1066516	Drill Core	
1066517	Drill Core	
1066518	Drill Core	
1066519	Drill Core	
1066520	Drill Core	
1066521	Drill Core	
1066522	Drill Core	
1066523	Drill Core	
1066524	Drill Core	
1066525	Rock Pulp	
1066526	Drill Core	
1066527	Drill Core	
1066528	Drill Core	
1066529	Drill Core	
1066530	Drill Core	
1066531	Drill Core	
1066532	Drill Core	
1066533	Rock	
1066534	Drill Core	
1066535	Rock Pulp	12.1
1066536	Drill Core	

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Project: Charlotte Project
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS WHI11001242.1

	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
1066537	Drill Core	4.79	0.020	1.8	8.5	13.0	67	0.2	3.3	11.8	887	3.77	22.9	2.1	4.6	167	0.2	3.0	<0.1	76	2.74
1066538	Drill Core	5.38	0.058	1.8	24.6	177.0	419	1.3	3.9	12.2	1233	3.41	1064	56.6	4.9	65	10.0	14.2	1.3	54	2.38
1066539	Drill Core	1.64	4.016	1.0	128.9	1471	7678	13.8	2.8	4.4	656	6.80	7599	4643	1.1	60	127.5	181.6	13.7	10	2.35
1066540	Rock	0.82	<0.005	<0.1	0.8	1.1	12	<0.1	1.0	0.5	203	0.40	<0.5	4.2	<0.1	46	0.1	<0.1	<0.1	<2	21.65
1066541	Drill Core	1.24	0.351	1.2	61.3	502.4	792	3.2	4.3	10.8	1475	3.55	1204	352.6	3.5	51	20.6	39.0	1.8	15	2.62
1066542	Drill Core	5.09	<0.005	1.1	4.3	12.3	81	0.1	3.9	9.1	847	3.43	7.4	4.7	4.4	119	0.3	2.2	<0.1	78	2.16
1066543	Drill Core	3.88	<0.005	1.6	2.7	10.0	76	0.1	3.5	9.9	910	3.52	8.1	4.8	4.5	127	0.2	1.4	<0.1	86	2.15
1066544	Drill Core	6.08	<0.005	1.8	29.8	38.6	75	0.2	3.4	11.0	986	3.17	15.1	6.6	4.6	115	0.3	2.1	<0.1	64	3.36
1066545	Drill Core	3.25	<0.005	1.6	5.3	21.3	68	0.2	3.7	11.7	984	3.23	15.8	5.6	4.6	108	0.2	2.1	<0.1	65	3.14
1066546	Drill Core	3.45	<0.005	1.5	3.5	12.3	74	0.1	3.4	9.8	792	3.64	5.2	2.5	4.5	115	0.3	1.4	<0.1	86	1.75
1066547	Drill Core	4.49	0.038	1.7	3.8	12.2	72	0.2	4.7	15.5	1266	3.22	49.8	42.5	4.5	88	0.2	2.1	<0.1	57	2.93
1066548	Drill Core	3.75	<0.005	1.3	2.6	10.3	56	0.1	7.0	17.6	1143	3.08	11.3	2.7	4.1	67	0.2	1.4	<0.1	67	2.41
1066549	Drill Core	6.25	0.006	1.5	2.8	9.4	78	0.1	3.5	10.6	895	3.42	13.7	5.5	4.2	110	0.2	1.2	<0.1	79	2.22
1066550	Drill Core	2.58	0.024	3.5	3.1	30.2	91	0.2	3.6	9.4	1143	3.36	24.0	21.9	3.8	169	0.3	1.7	<0.1	64	3.90
1066551	Drill Core	2.82	1.241	0.9	5.3	19.0	74	0.5	5.1	11.8	1507	2.73	2774	1207	4.2	82	0.3	28.1	<0.1	36	3.57
1066552	Drill Core	4.93	2.173	0.7	23.8	109.1	260	1.1	3.4	9.0	2745	3.33	3404	1976	3.3	71	3.4	31.2	<0.1	22	3.15
1066553	Drill Core	5.48	0.010	0.9	2.0	13.6	65	0.1	3.7	9.1	897	3.14	11.6	2.4	4.4	112	0.5	1.3	<0.1	73	2.22
1066554	Drill Core	7.32	0.007	0.5	2.1	10.7	73	<0.1	4.0	10.2	869	3.20	9.1	<0.5	4.2	107	0.3	1.1	<0.1	71	2.87
1066555	Rock Pulp	0.12	0.383	9.3	129.3	7.3	49	0.2	25.8	34.4	475	3.02	1303	336.5	3.1	72	0.3	1.9	4.5	74	1.31
1066556	Drill Core	4.23	0.006	0.5	2.9	16.2	78	0.1	3.7	8.4	706	3.07	7.1	3.3	4.4	107	0.5	0.7	<0.1	78	2.10
1066557	Drill Core	3.42	0.006	0.5	6.6	54.4	100	0.2	3.2	8.0	664	3.05	15.7	5.0	4.5	98	1.0	1.1	<0.1	75	1.86
1066558	Drill Core	3.64	0.018	1.5	10.7	567.1	733	1.4	3.5	9.6	921	3.51	37.7	19.5	4.6	105	15.5	2.0	<0.1	77	2.30
1066559	Drill Core	5.67	<0.005	1.7	2.8	16.7	75	0.1	3.5	9.8	698	3.25	4.7	2.7	4.4	101	0.4	0.4	<0.1	90	1.76
1066560	Drill Core	7.21	<0.005	1.5	2.3	19.1	69	0.1	3.0	7.5	521	2.90	7.5	3.8	4.5	76	0.3	0.3	<0.1	80	1.27
1066561	Drill Core	6.96	0.013	1.5	14.8	26.5	104	0.2	5.2	12.4	614	3.47	10.8	10.1	4.0	94	0.5	0.4	<0.1	99	1.65
1066562	Drill Core	7.05	0.007	1.3	4.2	93.9	173	0.3	3.9	9.1	723	3.16	72.3	5.8	4.4	104	2.0	0.7	<0.1	85	2.12
1066563	Drill Core	7.14	<0.005	1.6	3.1	17.0	79	0.2	3.4	9.0	697	3.03	4.0	1.4	4.8	97	0.3	0.4	<0.1	82	1.56
1066564	Drill Core	3.38	0.009	2.5	5.3	310.6	149	0.8	4.4	9.9	1059	3.30	99.0	11.8	4.6	120	1.5	1.1	<0.1	77	2.72
1066565	Rock	0.77	<0.005	<0.1	1.3	1.4	13	<0.1	1.9	0.4	195	0.39	<0.5	<0.5	<0.1	37	0.1	<0.1	<0.1	<2	20.33
1066566	Drill Core	5.47	0.017	1.4	5.6	62.5	147	0.3	3.6	9.9	1030	3.35	62.7	13.9	4.5	124	1.7	1.9	<0.1	64	2.56

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Project: Charlotte Project
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS WHI11001242.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Zn	Ag
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	gm/t
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	0.01	50
1066537	Drill Core	0.072	11	12	1.15	153	0.020	<1	1.86	0.069	0.16	<0.1	0.03	6.2	0.3	0.11	6	<0.5	<0.2		
1066538	Drill Core	0.076	15	8	0.68	27	0.001	1	0.75	0.005	0.17	0.5	0.09	8.7	0.7	1.21	2	<0.5	<0.2		
1066539	Drill Core	0.015	1	1	0.80	10	<0.001	2	0.19	0.003	0.11	0.1	0.28	0.8	1.1	6.71	<1	1.2	0.3		
1066540	Rock	0.014	<1	<1	10.40	21	<0.001	<1	0.03	0.002	0.02	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066541	Drill Core	0.066	4	4	0.91	23	<0.001	3	0.41	0.003	0.28	0.1	0.05	3.3	0.5	3.30	1	<0.5	<0.2		
1066542	Drill Core	0.065	8	14	1.21	132	0.035	1	1.88	0.128	0.10	<0.1	<0.01	6.2	<0.1	<0.05	6	<0.5	<0.2		
1066543	Drill Core	0.069	8	15	1.19	148	0.040	1	1.73	0.112	0.11	<0.1	<0.01	6.1	<0.1	0.06	6	<0.5	<0.2		
1066544	Drill Core	0.076	15	11	0.88	45	0.003	<1	1.17	0.020	0.11	0.3	0.04	8.5	0.2	0.19	4	<0.5	<0.2		
1066545	Drill Core	0.074	15	11	0.92	41	0.005	1	1.25	0.027	0.11	0.2	0.02	8.4	0.2	0.17	4	<0.5	<0.2		
1066546	Drill Core	0.066	7	15	1.02	83	0.041	2	1.82	0.145	0.09	<0.1	<0.01	5.0	<0.1	<0.05	6	<0.5	<0.2		
1066547	Drill Core	0.075	16	10	0.95	39	0.001	1	0.81	0.004	0.15	0.4	0.07	8.4	0.3	0.31	2	<0.5	<0.2		
1066548	Drill Core	0.073	17	10	0.71	19	0.002	1	0.65	0.003	0.07	0.3	0.13	10.2	0.2	0.16	2	<0.5	<0.2		
1066549	Drill Core	0.068	8	14	1.20	82	0.041	2	1.63	0.102	0.11	<0.1	0.01	5.7	0.1	0.13	5	<0.5	<0.2		
1066550	Drill Core	0.060	10	12	1.13	135	0.012	2	1.80	0.045	0.14	<0.1	0.02	6.2	0.2	0.13	5	<0.5	<0.2		
1066551	Drill Core	0.069	13	6	1.01	27	<0.001	3	0.75	0.006	0.30	<0.1	0.06	7.4	1.6	1.31	2	<0.5	<0.2		
1066552	Drill Core	0.056	6	5	1.07	51	<0.001	3	0.47	0.006	0.31	<0.1	0.03	3.9	0.8	1.59	1	<0.5	<0.2		
1066553	Drill Core	0.064	9	14	0.95	104	0.032	1	1.43	0.182	0.13	<0.1	<0.01	6.9	0.4	0.05	5	<0.5	<0.2		
1066554	Drill Core	0.064	11	14	1.13	62	0.020	<1	1.61	0.081	0.09	<0.1	0.03	6.1	0.1	<0.05	5	<0.5	<0.2		
1066555	Rock Pulp	0.056	6	45	0.75	127	0.111	3	1.75	0.201	0.28	0.4	<0.01	2.6	<0.1	0.12	5	2.0	0.7		
1066556	Drill Core	0.064	9	15	1.11	95	0.086	2	1.52	0.183	0.11	<0.1	0.02	4.7	<0.1	<0.05	5	<0.5	<0.2		
1066557	Drill Core	0.060	8	14	0.91	96	0.080	2	1.39	0.161	0.13	<0.1	<0.01	4.1	<0.1	0.14	5	<0.5	<0.2		
1066558	Drill Core	0.065	8	15	1.03	66	0.043	1	1.64	0.162	0.12	<0.1	0.01	5.7	0.1	0.40	5	<0.5	<0.2		
1066559	Drill Core	0.065	7	17	1.14	99	0.076	1	1.73	0.212	0.10	<0.1	<0.01	4.7	<0.1	<0.05	6	<0.5	<0.2		
1066560	Drill Core	0.060	6	16	0.97	78	0.093	2	1.49	0.148	0.11	<0.1	<0.01	2.5	<0.1	<0.05	5	<0.5	<0.2		
1066561	Drill Core	0.060	6	15	1.28	103	0.114	2	2.04	0.231	0.15	<0.1	<0.01	4.0	<0.1	0.13	7	<0.5	<0.2		
1066562	Drill Core	0.062	7	17	1.11	81	0.072	1	1.64	0.174	0.11	<0.1	<0.01	4.8	<0.1	0.09	6	<0.5	<0.2		
1066563	Drill Core	0.061	7	16	0.99	115	0.080	1	1.45	0.184	0.10	<0.1	<0.01	4.3	0.1	<0.05	5	<0.5	<0.2		
1066564	Drill Core	0.063	9	15	1.24	115	0.041	2	1.64	0.130	0.13	<0.1	<0.01	6.5	0.2	0.17	6	<0.5	<0.2		
1066565	Rock	0.013	<1	<1	9.83	15	<0.001	<1	0.02	0.003	0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066566	Drill Core	0.065	9	13	1.06	94	0.017	<1	1.40	0.106	0.16	<0.1	<0.01	6.3	0.2	0.31	4	<0.5	<0.2		

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CERTIFICATE OF ANALYSIS WHI11001242.1

	Method	G6Gr
	Analyte	Au
	Unit	gm/t
	MDL	0.9
1066537	Drill Core	
1066538	Drill Core	
1066539	Drill Core	
1066540	Rock	
1066541	Drill Core	
1066542	Drill Core	
1066543	Drill Core	
1066544	Drill Core	
1066545	Drill Core	
1066546	Drill Core	
1066547	Drill Core	
1066548	Drill Core	
1066549	Drill Core	
1066550	Drill Core	
1066551	Drill Core	
1066552	Drill Core	
1066553	Drill Core	
1066554	Drill Core	
1066555	Rock Pulp	
1066556	Drill Core	
1066557	Drill Core	
1066558	Drill Core	
1066559	Drill Core	
1066560	Drill Core	
1066561	Drill Core	
1066562	Drill Core	
1066563	Drill Core	
1066564	Drill Core	
1066565	Rock	
1066566	Drill Core	

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CERTIFICATE OF ANALYSIS WHI11001242.1

	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
1066567	Drill Core	6.67	0.009	1.2	5.0	37.4	102	0.4	3.6	9.4	910	3.27	75.2	11.8	4.4	115	0.7	2.2	<0.1	74	2.43
1066568	Drill Core	8.40	<0.005	1.3	9.0	37.2	164	0.3	3.9	11.7	750	3.24	11.2	3.2	4.4	102	2.4	0.6	<0.1	88	1.67
1066569	Drill Core	7.89	0.012	1.6	5.0	23.8	73	0.2	3.1	10.0	795	3.17	17.1	10.9	4.3	211	0.4	0.4	<0.1	82	1.95
1066570	Drill Core	7.36	0.029	2.6	5.1	24.0	79	0.2	4.0	12.6	969	3.13	17.4	22.8	4.3	109	0.3	1.0	0.1	69	2.49
1066571	Drill Core	7.65	0.056	2.0	8.6	20.4	81	0.3	4.0	14.7	726	3.33	9.2	49.4	4.1	130	0.4	0.5	0.1	82	1.90
1066572	Drill Core	5.81	0.023	2.0	56.0	32.4	97	0.4	13.7	19.0	787	3.63	23.3	22.9	6.9	96	0.6	1.2	0.2	79	1.98
1066573	Drill Core	4.14	0.017	2.0	87.6	32.9	77	0.5	14.6	28.9	899	3.50	29.1	21.8	7.4	95	0.5	11.4	0.3	61	2.72
1066574	Rock Pulp	0.13	>10	7.7	114.0	16.0	55	>100	14.4	10.7	568	3.37	222.9	14986	2.8	63	0.3	8.3	17.0	66	1.59
1066575	Drill Core	1.76	0.338	1.5	45.4	1677	1853	4.7	4.5	9.3	1196	3.44	4144	382.4	3.3	76	47.2	39.6	0.6	22	2.70
1066576	Drill Core	2.22	0.898	1.3	59.9	1381	>10000	6.7	4.0	9.8	1310	5.01	>10000	891.0	3.6	104	255.1	29.4	8.0	41	4.03
1066577	Rock	0.66	<0.005	0.1	0.9	6.1	16	<0.1	1.2	0.7	214	0.42	8.9	1.3	<0.1	47	0.1	0.2	<0.1	<2	21.71
1066578	Drill Core	3.34	0.038	1.9	6.9	17.7	87	0.3	3.7	10.0	1120	2.87	100.0	38.7	5.2	89	0.6	3.7	<0.1	56	2.88
1066579	Drill Core	3.79	0.064	2.0	11.3	11.7	81	0.3	4.0	15.0	1389	2.98	58.9	97.3	5.0	121	0.2	3.4	<0.1	41	4.14
1066580	Drill Core	2.08	0.019	1.1	12.6	4.4	74	0.1	3.7	9.3	1014	3.03	6.9	20.1	5.2	123	0.2	2.6	<0.1	48	3.00
1066581	Drill Core	7.50	0.014	0.8	9.0	10.3	74	0.2	5.0	12.0	1066	3.15	14.9	14.6	5.0	115	0.2	2.9	<0.1	55	3.69
1066582	Drill Core	4.59	<0.005	2.0	6.5	12.5	71	0.2	3.5	8.3	617	2.95	6.3	5.4	4.6	92	0.2	1.3	<0.1	73	1.56
1066583	Drill Core	5.67	0.014	1.7	4.0	13.7	74	0.2	3.9	9.6	764	2.95	11.4	14.1	4.3	115	0.2	1.1	<0.1	63	2.39
1066584	Drill Core	6.31	0.006	2.0	3.3	13.4	74	0.2	3.4	10.8	783	2.89	5.3	6.6	4.7	123	0.2	0.9	<0.1	61	2.92
1066585	Drill Core	3.22	0.017	3.3	5.0	18.6	73	0.2	3.9	13.4	683	2.91	10.2	15.2	4.6	110	0.2	0.7	<0.1	59	1.94
1066586	Drill Core	1.53	0.009	3.2	4.5	19.2	84	0.2	3.7	11.6	820	3.15	6.8	8.0	4.6	131	0.3	0.7	0.1	66	2.35
1066587	Drill Core	5.85	<0.005	1.9	4.6	15.4	68	0.1	3.4	8.0	553	2.94	5.2	2.9	4.2	126	0.1	0.4	<0.1	70	1.37
1066588	Rock	0.63	<0.005	<0.1	0.6	1.5	13	<0.1	1.5	0.6	204	0.40	2.0	<0.5	<0.1	44	<0.1	<0.1	<0.1	<2	22.48
1066589	Drill Core	4.62	<0.005	0.2	2.1	6.7	149	0.2	4.5	8.0	593	3.11	9.2	1.9	4.1	39	3.2	1.6	<0.1	79	1.12
1066590	Drill Core	5.70	<0.005	0.3	2.9	16.6	156	0.8	4.4	8.1	576	3.08	11.2	4.2	4.0	36	1.6	2.5	<0.1	77	1.14
1066591	Drill Core	5.27	0.010	0.3	2.6	20.1	322	1.0	4.9	8.7	682	3.42	18.0	10.5	4.4	38	5.3	3.0	<0.1	76	0.91
1066592	Drill Core	4.61	0.010	1.1	10.3	191.4	1231	2.1	7.7	19.4	1662	3.26	85.2	15.5	5.5	14	18.4	5.7	0.1	69	0.31
1066593	Drill Core	3.21	0.007	0.8	5.2	64.5	751	0.5	6.6	11.8	1260	4.03	33.3	8.3	4.7	37	17.3	3.4	<0.1	67	1.56
1066594	Drill Core	3.82	<0.005	0.3	1.8	7.3	130	0.2	4.8	8.4	648	3.24	9.0	1.6	4.1	58	1.0	1.1	<0.1	80	1.57
1066595	Drill Core	3.73	0.065	0.5	7.7	64.0	252	2.4	4.7	8.9	683	3.49	39.9	59.1	4.7	26	2.9	3.5	<0.1	70	0.61
1066596	Drill Core	5.35	0.013	0.6	4.0	47.1	323	0.4	5.1	10.9	714	3.52	104.4	16.3	4.7	32	3.3	3.4	<0.1	72	0.56

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Project: Charlotte Project
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS WHI11001242.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Zn	Ag
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	gm/t
	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	0.01	50
1066567	Drill Core	0.064	7	15	1.16	194	0.044	<1	1.51	0.100	0.14	<0.1	<0.01	5.0	0.1	0.24	5	<0.5	<0.2		
1066568	Drill Core	0.067	6	17	1.17	177	0.093	2	1.57	0.156	0.12	<0.1	<0.01	3.8	<0.1	0.27	6	<0.5	<0.2		
1066569	Drill Core	0.060	7	15	1.11	237	0.074	<1	1.54	0.160	0.14	<0.1	<0.01	4.0	<0.1	0.28	6	<0.5	<0.2		
1066570	Drill Core	0.062	9	14	1.16	166	0.036	1	1.54	0.102	0.14	<0.1	<0.01	5.0	0.2	0.43	5	<0.5	<0.2		
1066571	Drill Core	0.064	7	16	1.10	154	0.073	1	1.63	0.171	0.13	<0.1	<0.01	5.4	<0.1	0.55	6	<0.5	<0.2		
1066572	Drill Core	0.059	8	25	1.34	76	0.109	2	1.92	0.196	0.13	<0.1	<0.01	5.9	0.1	1.29	6	<0.5	<0.2		
1066573	Drill Core	0.063	16	13	0.99	65	0.001	3	1.28	0.038	0.18	<0.1	0.05	11.1	0.4	1.33	3	<0.5	<0.2		
1066574	Rock Pulp	0.049	7	24	0.72	109	0.113	3	1.67	0.191	0.22	4.0	0.48	2.6	<0.1	0.17	4	6.0	2.2		163
1066575	Drill Core	0.049	4	4	0.95	19	<0.001	3	0.29	0.003	0.18	0.1	0.08	4.2	0.5	2.19	<1	<0.5	<0.2		
1066576	Drill Core	0.050	8	5	1.38	19	<0.001	2	0.36	0.003	0.13	0.1	0.16	5.6	0.6	3.21	1	0.6	<0.2	1.18	
1066577	Rock	0.020	<1	<1	10.84	23	<0.001	<1	0.03	0.001	0.02	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1066578	Drill Core	0.073	14	8	0.93	19	0.001	1	0.50	0.003	0.11	0.5	0.11	10.9	0.6	0.30	2	<0.5	<0.2		
1066579	Drill Core	0.068	14	6	1.23	56	<0.001	<1	0.61	0.004	0.16	<0.1	0.14	8.0	0.5	0.65	2	<0.5	<0.2		
1066580	Drill Core	0.068	17	9	1.13	197	0.002	1	1.14	0.048	0.13	<0.1	<0.01	8.8	0.1	<0.05	5	<0.5	<0.2		
1066581	Drill Core	0.067	17	9	1.17	26	0.002	<1	0.71	0.005	0.08	0.3	0.09	9.2	0.2	0.16	2	<0.5	<0.2		
1066582	Drill Core	0.062	6	15	0.98	304	0.050	2	1.07	0.079	0.07	<0.1	0.01	4.2	<0.1	<0.05	5	<0.5	<0.2		
1066583	Drill Core	0.062	8	12	1.13	126	0.023	<1	1.02	0.053	0.08	<0.1	0.02	5.8	0.1	0.10	4	<0.5	<0.2		
1066584	Drill Core	0.065	11	12	1.17	30	0.011	<1	0.96	0.045	0.06	<0.1	0.02	7.5	<0.1	0.11	4	<0.5	<0.2		
1066585	Drill Core	0.060	9	12	1.05	26	0.011	<1	1.09	0.047	0.06	<0.1	0.04	6.2	<0.1	0.20	5	0.6	<0.2		
1066586	Drill Core	0.066	10	14	1.17	33	0.015	<1	1.17	0.055	0.06	<0.1	0.03	6.7	<0.1	0.13	5	<0.5	<0.2		
1066587	Drill Core	0.064	6	15	0.96	651	0.044	<1	1.10	0.077	0.06	<0.1	0.01	3.9	<0.1	<0.05	5	<0.5	<0.2		
1066588	Rock	0.014	<1	<1	10.37	14	<0.001	<1	0.02	0.001	0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1066589	Drill Core	0.068	6	21	1.32	63	0.037	<1	1.56	0.059	0.06	<0.1	<0.01	6.0	<0.1	<0.05	6	<0.5	<0.2		
1066590	Drill Core	0.067	5	20	1.23	51	0.052	1	1.44	0.061	0.07	<0.1	<0.01	3.7	<0.1	<0.05	6	<0.5	<0.2		
1066591	Drill Core	0.069	7	20	1.28	49	0.030	<1	1.68	0.054	0.06	<0.1	<0.01	6.3	<0.1	<0.05	7	<0.5	<0.2		
1066592	Drill Core	0.080	22	13	0.14	94	0.002	<1	0.67	0.004	0.08	1.0	0.21	11.2	0.2	<0.05	2	<0.5	<0.2		
1066593	Drill Core	0.071	16	16	0.76	93	0.005	<1	1.29	0.020	0.10	<0.1	0.03	8.8	0.2	<0.05	4	<0.5	<0.2		
1066594	Drill Core	0.066	6	22	1.42	178	0.051	<1	1.55	0.074	0.07	<0.1	<0.01	5.6	<0.1	<0.05	6	<0.5	<0.2		
1066595	Drill Core	0.069	9	19	1.01	64	0.021	<1	1.53	0.030	0.06	0.1	<0.01	6.6	<0.1	<0.05	6	<0.5	<0.2		
1066596	Drill Core	0.070	8	18	1.02	42	0.015	<1	1.70	0.033	0.06	<0.1	<0.01	6.2	<0.1	<0.05	6	<0.5	<0.2		

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS WHI11001242.1

	Method	G6Gr
	Analyte	Au
	Unit	gm/t
	MDL	0.9
1066567	Drill Core	
1066568	Drill Core	
1066569	Drill Core	
1066570	Drill Core	
1066571	Drill Core	
1066572	Drill Core	
1066573	Drill Core	
1066574	Rock Pulp	11.6
1066575	Drill Core	
1066576	Drill Core	
1066577	Rock	
1066578	Drill Core	
1066579	Drill Core	
1066580	Drill Core	
1066581	Drill Core	
1066582	Drill Core	
1066583	Drill Core	
1066584	Drill Core	
1066585	Drill Core	
1066586	Drill Core	
1066587	Drill Core	
1066588	Rock	
1066589	Drill Core	
1066590	Drill Core	
1066591	Drill Core	
1066592	Drill Core	
1066593	Drill Core	
1066594	Drill Core	
1066595	Drill Core	
1066596	Drill Core	

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CERTIFICATE OF ANALYSIS WHI11001242.1

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
1066597	Drill Core	6.45	<0.005	0.4	3.2	7.8	95	0.1	4.7	9.4	728	3.32	10.0	2.8	4.5	66	0.5	0.6	<0.1	85	1.66
1066598	Rock Pulp	0.14	0.412	9.9	132.8	10.2	48	0.2	26.6	36.4	472	3.06	1302	388.4	3.2	71	0.2	2.0	5.0	71	1.20
1066599	Drill Core	7.16	0.022	0.6	9.1	103.7	197	1.4	4.6	8.8	656	3.18	16.7	14.2	4.1	64	3.0	1.4	0.1	82	1.68

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CERTIFICATE OF ANALYSIS WHI11001242.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Zn	Ag
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	gm/t
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	0.01	50
1066597	Drill Core	0.066	7	22	1.29	195	0.047	<1	1.51	0.083	0.06	<0.1	<0.01	5.5	<0.1	<0.05	6	<0.5	<0.2		
1066598	Rock Pulp	0.055	6	46	0.74	127	0.099	2	1.60	0.184	0.28	0.4	<0.01	2.4	<0.1	0.13	5	2.1	0.7		
1066599	Drill Core	0.067	7	21	1.16	77	0.067	1	1.42	0.101	0.08	0.1	<0.01	4.4	<0.1	0.08	6	<0.5	<0.2		

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CERTIFICATE OF ANALYSIS WHI11001242.1

		Method	G6Gr
		Analyte	Au
		Unit	gm/t
		MDL	0.9
1066597	Drill Core		
1066598	Rock Pulp		
1066599	Drill Core		

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QUALITY CONTROL REPORT WHI11001242.1

	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																					
1066518	Drill Core	6.54	0.033	1.5	9.3	13.3	53	<0.1	2.8	7.8	441	2.89	6.7	0.6	4.9	99	0.1	1.1	<0.1	90	1.31
REP 1066518	QC			1.7	9.4	14.1	54	0.1	3.0	8.3	460	2.96	7.1	<0.5	5.0	107	0.2	1.3	<0.1	96	1.39
1066533	Rock	0.70	0.029	<0.1	0.6	1.2	15	<0.1	1.0	0.5	180	0.39	2.0	1.9	<0.1	44	<0.1	<0.1	<0.1	<2	17.78
REP 1066533	QC			0.1	0.6	1.3	15	<0.1	1.0	0.5	191	0.40	2.3	2.5	<0.1	46	<0.1	<0.1	<0.1	2	18.57
1066538	Drill Core	5.38	0.058	1.8	24.6	177.0	419	1.3	3.9	12.2	1233	3.41	1064	56.6	4.9	65	10.0	14.2	1.3	54	2.38
REP 1066538	QC		0.044																		
1066546	Drill Core	3.45	<0.005	1.5	3.5	12.3	74	0.1	3.4	9.8	792	3.64	5.2	2.5	4.5	115	0.3	1.4	<0.1	86	1.75
REP 1066546	QC			1.6	3.5	12.6	72	0.1	3.8	9.9	815	3.75	5.2	1.8	4.6	117	0.3	1.5	<0.1	87	1.82
1066556	Drill Core	4.23	0.006	0.5	2.9	16.2	78	0.1	3.7	8.4	706	3.07	7.1	3.3	4.4	107	0.5	0.7	<0.1	78	2.10
REP 1066556	QC		<0.005																		
1066563	Drill Core	7.14	<0.005	1.6	3.1	17.0	79	0.2	3.4	9.0	697	3.03	4.0	1.4	4.8	97	0.3	0.4	<0.1	82	1.56
REP 1066563	QC			1.6	3.1	17.4	79	0.2	3.4	9.1	718	3.09	4.0	<0.5	5.0	102	0.2	0.4	<0.1	84	1.64
1066586	Drill Core	1.53	0.009	3.2	4.5	19.2	84	0.2	3.7	11.6	820	3.15	6.8	8.0	4.6	131	0.3	0.7	0.1	66	2.35
REP 1066586	QC			3.0	4.4	18.7	77	0.2	3.8	11.1	786	3.09	6.3	8.9	4.6	118	0.3	0.6	0.1	64	2.24
1066592	Drill Core	4.61	0.010	1.1	10.3	191.4	1231	2.1	7.7	19.4	1662	3.26	85.2	15.5	5.5	14	18.4	5.7	0.1	69	0.31
REP 1066592	QC		0.015																		
1066594	Drill Core	3.82	<0.005	0.3	1.8	7.3	130	0.2	4.8	8.4	648	3.24	9.0	1.6	4.1	58	1.0	1.1	<0.1	80	1.57
REP 1066594	QC			0.2	2.3	8.2	131	0.2	4.7	8.3	629	3.22	8.7	1.1	4.0	57	1.0	1.2	<0.1	80	1.55
Core Reject Duplicates																					
1066510	Drill Core	6.95	<0.005	1.6	4.4	47.0	78	0.2	3.1	7.2	527	2.82	3.1	0.6	4.1	86	1.0	0.5	<0.1	83	1.44
DUP 1066510	QC		<0.005	1.5	4.3	39.7	74	0.2	3.0	7.3	535	2.88	3.6	<0.5	4.2	89	0.9	0.5	<0.1	80	1.45
1066545	Drill Core	3.25	<0.005	1.6	5.3	21.3	68	0.2	3.7	11.7	984	3.23	15.8	5.6	4.6	108	0.2	2.1	<0.1	65	3.14
DUP 1066545	QC		<0.005	1.6	5.3	20.6	68	0.2	3.2	10.7	965	3.19	15.8	5.3	4.4	106	0.3	1.9	<0.1	61	3.25
1066580	Drill Core	2.08	0.019	1.1	12.6	4.4	74	0.1	3.7	9.3	1014	3.03	6.9	20.1	5.2	123	0.2	2.6	<0.1	48	3.00
DUP 1066580	QC		0.021	1.4	11.4	4.1	73	<0.1	3.7	8.7	980	3.04	7.2	23.8	4.9	118	0.1	2.6	<0.1	48	2.82
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 27, 2011

QUALITY CONTROL REPORT WHI11001242.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Zn	Ag
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	gm/t
	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	0.01	50
Pulp Duplicates																					
1066518	Drill Core	0.064	10	15	0.80	121	0.085	<1	1.58	0.191	0.17	<0.1	<0.01	3.0	<0.1	<0.05	5	<0.5	<0.2		
REP 1066518	QC	0.070	10	15	0.83	129	0.092	<1	1.65	0.202	0.18	0.1	<0.01	3.2	<0.1	<0.05	5	<0.5	<0.2		
1066533	Rock	0.013	<1	<1	12.27	11	<0.001	<1	0.03	0.002	0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
REP 1066533	QC	0.015	<1	<1	12.82	12	<0.001	<1	0.03	0.002	0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1066538	Drill Core	0.076	15	8	0.68	27	0.001	1	0.75	0.005	0.17	0.5	0.09	8.7	0.7	1.21	2	<0.5	<0.2		
REP 1066538	QC																				
1066546	Drill Core	0.066	7	15	1.02	83	0.041	2	1.82	0.145	0.09	<0.1	<0.01	5.0	<0.1	<0.05	6	<0.5	<0.2		
REP 1066546	QC	0.065	8	15	1.04	84	0.043	2	1.88	0.143	0.09	<0.1	0.01	5.4	<0.1	<0.05	6	<0.5	<0.2		
1066556	Drill Core	0.064	9	15	1.11	95	0.086	2	1.52	0.183	0.11	<0.1	0.02	4.7	<0.1	<0.05	5	<0.5	<0.2		
REP 1066556	QC																				
1066563	Drill Core	0.061	7	16	0.99	115	0.080	1	1.45	0.184	0.10	<0.1	<0.01	4.3	0.1	<0.05	5	<0.5	<0.2		
REP 1066563	QC	0.060	7	16	1.01	117	0.089	1	1.47	0.195	0.11	<0.1	<0.01	4.4	0.1	<0.05	5	<0.5	<0.2		
1066586	Drill Core	0.066	10	14	1.17	33	0.015	<1	1.17	0.055	0.06	<0.1	0.03	6.7	<0.1	0.13	5	<0.5	<0.2		
REP 1066586	QC	0.064	10	13	1.17	32	0.013	<1	1.15	0.053	0.06	<0.1	0.03	6.5	<0.1	0.13	5	<0.5	<0.2		
1066592	Drill Core	0.080	22	13	0.14	94	0.002	<1	0.67	0.004	0.08	1.0	0.21	11.2	0.2	<0.05	2	<0.5	<0.2		
REP 1066592	QC																				
1066594	Drill Core	0.066	6	22	1.42	178	0.051	<1	1.55	0.074	0.07	<0.1	<0.01	5.6	<0.1	<0.05	6	<0.5	<0.2		
REP 1066594	QC	0.065	6	21	1.39	175	0.059	<1	1.56	0.073	0.07	<0.1	<0.01	5.7	<0.1	<0.05	7	<0.5	<0.2		
Core Reject Duplicates																					
1066510	Drill Core	0.062	7	14	0.83	55	0.095	<1	1.36	0.160	0.08	<0.1	<0.01	3.3	<0.1	<0.05	5	<0.5	<0.2		
DUP 1066510	QC	0.062	7	14	0.84	60	0.098	1	1.43	0.176	0.09	<0.1	<0.01	3.4	<0.1	<0.05	5	<0.5	<0.2		
1066545	Drill Core	0.074	15	11	0.92	41	0.005	1	1.25	0.027	0.11	0.2	0.02	8.4	0.2	0.17	4	<0.5	<0.2		
DUP 1066545	QC	0.071	14	10	0.85	37	0.003	1	1.20	0.019	0.11	0.2	0.01	8.3	0.2	0.19	4	<0.5	<0.2		
1066580	Drill Core	0.068	17	9	1.13	197	0.002	1	1.14	0.048	0.13	<0.1	<0.01	8.8	0.1	<0.05	5	<0.5	<0.2		
DUP 1066580	QC	0.066	17	9	1.10	197	0.002	<1	1.20	0.046	0.13	<0.1	<0.01	8.5	0.1	<0.05	5	<0.5	<0.2		
Reference Materials																					
STD AGPROOF	Standard																				91
STD CDN-ME-3	Standard																				253

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 27, 2011

QUALITY CONTROL REPORT WHI11001242.1

		Method	G6Gr
		Analyte	Au
		Unit	gm/t
		MDL	0.9
Pulp Duplicates			
1066518	Drill Core		
REP 1066518	QC		
1066533	Rock		
REP 1066533	QC		
1066538	Drill Core		
REP 1066538	QC		
1066546	Drill Core		
REP 1066546	QC		
1066556	Drill Core		
REP 1066556	QC		
1066563	Drill Core		
REP 1066563	QC		
1066586	Drill Core		
REP 1066586	QC		
1066592	Drill Core		
REP 1066592	QC		
1066594	Drill Core		
REP 1066594	QC		
Core Reject Duplicates			
1066510	Drill Core		
DUP 1066510	QC		
1066545	Drill Core		
DUP 1066545	QC		
1066580	Drill Core		
DUP 1066580	QC		
Reference Materials			
STD AGPROOF	Standard		<0.9
STD CDN-ME-3	Standard		9.8

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QUALITY CONTROL REPORT WHI11001242.1

		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			13.8	119.9	133.3	327	1.9	37.6	7.5	629	2.58	26.0	118.9	7.4	70	2.5	6.2	8.1	43	0.73
STD DS8	Standard			11.5	107.4	129.4	310	1.8	37.5	7.5	572	2.41	25.5	111.9	6.9	65	1.9	5.7	7.4	40	0.69
STD DS8	Standard			11.5	102.0	117.1	295	1.6	35.9	6.9	584	2.29	23.1	95.0	6.3	60	2.1	5.2	6.6	38	0.66
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OXH82	Standard		1.270																		
STD OXH82	Standard		1.285																		
STD OXH82	Standard		1.288																		
STD OXH82	Standard		1.300																		
STD OXK79	Standard		3.522																		
STD OXK79	Standard		3.542																		
STD OXK79	Standard		3.567																		
STD OXK79	Standard		3.823																		
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 CDN-ME-3 Expected																					
STD AGPROOF Expected																					
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																		

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Project: Charlotte Project
Report Date: October 27, 2011

QUALITY CONTROL REPORT WHI11001242.1

		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 Zn % 0.01	G6Gr Ag gm/t 50
STD DS8	Standard	0.081	16	117	0.63	285	0.118	3	0.94	0.090	0.43	2.9	0.21	2.5	5.7	0.17	5	5.5	5.1		
STD DS8	Standard	0.079	12	115	0.60	239	0.106	3	0.92	0.096	0.43	2.9	0.19	1.9	5.4	0.19	5	5.2	4.9		
STD DS8	Standard	0.075	13	109	0.58	246	0.106	3	0.90	0.097	0.41	2.8	0.19	2.1	5.1	0.15	4	4.9	4.6		
STD OREAS131B	Standard																			3.21	
STD OREAS153A	Standard																			<0.01	
STD OREAS131B	Standard																			3.21	
STD OREAS153A	Standard																			<0.01	
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																			0.03	
STD SU-1B	Standard																			0.03	
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 CDN-ME-3 Expected																					276
STD AGPROOF Expected																					94
STD OREAS131B Expected																				3.14	
STD SU-1B Expected																				0.0235	
STD OREAS153A Expected																				0.0053	
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

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Report Date: October 27, 2011

QUALITY CONTROL REPORT WHI11001242.1

		G6Gr Au gm/t 0.9
STD DS8	Standard	
STD DS8	Standard	
STD DS8	Standard	
STD OREAS131B	Standard	
STD OREAS153A	Standard	
STD OREAS131B	Standard	
STD OREAS153A	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 SU-1B	Standard	
STD SU-1B	Standard	
STD OXH82 Expected		
STD OXK79 Expected		
STD DS8 Expected		
STD CDN-ME-3 Expected		9.77
STD AGPROOF Expected		0
STD OREAS131B Expected		
STD SU-1B Expected		
STD OREAS153A Expected		
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	

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QUALITY CONTROL REPORT WHI11001242.1

		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
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			<0.1	<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																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		<0.005	0.1	2.8	3.6	48	<0.1	2.6	3.9	566	1.96	1.7	2.6	5.9	66	<0.1	<0.1	0.1	36	0.52
G1	Prep Blank		0.020	0.1	2.5	3.6	49	<0.1	2.3	3.7	577	1.92	<0.5	0.9	7.0	67	<0.1	<0.1	<0.1	37	0.54

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QUALITY CONTROL REPORT WHI11001242.1

		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 Zn % 0.01	G6Gr Ag gm/t 50
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	<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																				<50
BLK	Blank																				<50
BLK	Blank																			<0.01	
BLK	Blank																			<0.01	
Prep Wash																					
G1	Prep Blank	0.074	13	4	0.50	166	0.126	2	0.94	0.093	0.47	<0.1	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.074	14	4	0.49	155	0.120	2	0.91	0.090	0.46	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2		

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QUALITY CONTROL REPORT WHI11001242.1

		G6Gr Au gm/t 0.9
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	<0.9
BLK	Blank	<0.9
BLK	Blank	
BLK	Blank	
Prep Wash		
G1	Prep Blank	
G1	Prep Blank	

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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: August 22, 2011
Report Date: October 27, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI11001248.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-028
P.O. Number
Number of Samples: 65

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	62	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	65	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	65	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	1	Lead collection fire assay 30G fusion - Grav finish	30	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
Nicola Struyk

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.

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

Project: Charlotte Project
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS WHI11001248.1

	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
1066673	Drill Core	3.70	0.010	0.5	22.1	8.6	52	0.2	9.9	15.0	1063	3.33	73.5	13.2	5.5	43	0.1	8.7	0.3	33	1.48
1066674	Drill Core	2.80	0.030	6.0	53.7	25.5	58	0.9	9.9	14.3	1453	4.10	380.6	35.5	4.4	44	0.3	18.1	0.9	15	1.59
1066675	Drill Core	3.08	0.075	0.6	10.4	62.3	36	1.4	8.5	10.2	423	3.14	321.0	86.4	3.0	23	0.6	6.1	3.2	6	1.11
1066676	Drill Core	3.45	0.111	1.8	50.6	441.0	238	6.0	6.2	11.0	2267	5.96	441.6	143.1	2.5	39	6.9	22.0	14.4	6	1.88
1066677	Rock	0.71	<0.005	2.1	0.7	<0.1	12	<0.1	1.5	0.7	225	0.46	1.2	0.7	0.1	40	<0.1	<0.1	<0.1	<2	23.87
1066678	Drill Core	2.08	0.098	2.7	16.5	406.8	72	6.3	6.6	15.6	56	7.03	493.3	121.9	3.2	5	1.6	4.2	17.0	11	0.20
1066679	Rock	0.75	<0.005	<0.1	0.8	0.5	11	<0.1	<0.1	0.5	220	0.45	<0.5	<0.5	0.1	31	<0.1	<0.1	<0.1	<2	22.02
1066680	Drill Core	2.74	0.006	2.3	12.8	43.0	116	0.3	5.5	15.1	891	3.81	45.6	9.8	4.5	82	1.5	5.7	0.4	82	2.83
1066681	Drill Core	2.93	<0.005	2.4	4.2	5.1	62	<0.1	5.3	12.9	1109	4.01	6.2	8.8	3.9	97	0.2	2.3	<0.1	81	3.82
1066682	Drill Core	3.94	<0.005	1.9	2.2	5.8	73	<0.1	5.4	12.8	887	4.35	2.8	3.6	4.3	117	0.2	2.2	<0.1	95	3.18
1066683	Drill Core	2.77	<0.005	2.3	2.9	8.0	71	0.1	5.8	16.5	895	3.97	9.1	8.0	4.6	79	0.2	2.4	<0.1	82	3.34
1066684	Drill Core	5.30	0.017	1.7	1.4	5.1	49	0.2	1.2	10.1	877	3.38	33.2	28.5	3.0	73	<0.1	1.5	<0.1	18	3.46
1066685	Drill Core	4.97	0.006	2.7	2.1	7.2	64	0.1	6.4	15.5	1096	4.17	13.5	7.7	4.3	90	0.1	2.2	<0.1	91	3.78
1066686	Drill Core	3.13	0.007	2.3	3.0	10.4	67	0.1	6.2	13.4	851	4.54	26.5	10.0	4.0	97	0.2	2.0	<0.1	89	2.99
1066687	Drill Core	4.64	<0.005	2.6	2.2	8.3	74	0.1	5.0	11.7	693	4.14	3.8	3.4	3.6	81	0.2	0.8	<0.1	110	2.00
1066688	Rock Pulp	0.14	1.461	271.6	1683	138.9	173	>100	10.8	10.3	823	3.20	75.1	1496	0.6	89	1.0	171.7	7.8	29	2.04
1066689	Drill Core	2.87	<0.005	2.7	2.2	11.2	83	0.2	5.3	12.5	730	3.87	5.0	2.1	3.8	71	0.3	0.9	<0.1	98	2.15
1066690	Drill Core	7.65	<0.005	3.3	3.2	11.3	85	0.1	5.7	12.5	715	4.11	4.5	1.0	3.7	73	0.2	0.7	<0.1	105	1.78
1066691	Drill Core	2.77	<0.005	0.6	9.7	31.6	75	0.2	5.1	17.4	747	4.08	4.6	4.7	3.6	90	0.2	0.8	<0.1	97	2.69
1066692	Drill Core	2.32	<0.005	0.3	2.1	6.6	65	<0.1	5.8	11.2	1022	2.66	6.9	1.2	3.7	143	0.2	0.7	<0.1	61	6.13
1066693	Drill Core	7.08	<0.005	0.4	5.2	23.4	93	0.2	6.2	10.1	684	3.47	9.9	1.9	4.1	87	0.6	1.0	0.1	90	2.06
1066694	Drill Core	6.58	<0.005	0.5	1.8	11.5	83	0.2	5.7	8.4	584	3.36	8.3	5.3	4.0	84	0.3	1.0	<0.1	92	1.36
1066695	Drill Core	4.54	<0.005	0.4	2.7	9.3	89	0.1	6.2	9.9	698	3.57	7.1	1.5	3.8	84	0.2	1.0	<0.1	93	2.05
1066696	Drill Core	2.44	<0.005	0.3	1.9	9.9	84	0.1	6.5	9.9	684	3.60	6.4	2.0	3.5	85	0.2	1.0	<0.1	95	1.89
1066697	Drill Core	5.89	<0.005	0.5	6.5	26.5	129	0.5	6.6	11.3	881	3.64	22.4	6.2	4.1	93	1.0	2.1	0.2	78	3.08
1066698	Drill Core	4.47	0.005	0.4	16.7	40.8	93	0.5	7.1	10.7	911	3.60	17.2	3.7	3.8	103	0.6	2.6	0.5	85	3.07
1066699	Drill Core	2.78	<0.005	0.3	18.9	49.0	88	0.5	6.4	11.0	947	3.56	18.5	3.8	4.0	111	0.4	3.3	0.6	85	3.39
1066700	Drill Core	5.61	<0.005	0.4	2.8	11.7	92	0.1	6.9	11.2	812	3.69	8.0	2.1	3.9	112	0.2	1.3	<0.1	95	2.31
1066701	Drill Core	3.56	0.007	0.4	2.5	11.0	97	0.1	6.9	11.2	870	3.68	12.4	9.0	3.5	113	0.3	1.2	<0.1	96	2.46
1066702	Drill Core	7.78	0.007	0.4	3.0	17.8	87	0.2	7.0	11.4	934	3.67	14.9	8.5	3.9	133	0.2	1.1	<0.1	86	3.38

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Project: Charlotte Project
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS WHI11001248.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
	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	50	0.001
1066673	Drill Core	0.073	15	6	0.84	94	<0.001	3	0.87	0.005	0.34	<0.1	0.01	3.5	0.4	0.57	2	<0.5	<0.2		
1066674	Drill Core	0.059	6	7	0.81	48	0.001	2	0.57	0.003	0.36	0.1	0.04	2.4	0.7	2.56	1	<0.5	<0.2		
1066675	Drill Core	0.047	3	3	0.40	32	<0.001	2	0.39	0.003	0.29	0.2	<0.01	0.9	0.3	3.13	2	0.8	0.2		
1066676	Drill Core	0.044	2	7	0.79	30	<0.001	2	0.36	0.003	0.26	0.2	0.04	1.0	0.4	6.04	2	1.7	0.5		
1066677	Rock	0.015	<1	1	10.36	16	0.002	<1	0.05	0.002	0.03	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066678	Drill Core	0.062	2	8	0.02	23	<0.001	2	0.37	0.003	0.27	0.2	0.02	0.9	0.4	7.39	2	1.6	0.3		
1066679	Rock	0.015	<1	<1	10.68	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		
1066680	Drill Core	0.074	14	19	0.88	16	0.001	<1	0.75	0.002	0.14	0.3	0.06	10.9	0.4	1.14	2	<0.5	<0.2		
1066681	Drill Core	0.059	11	22	1.67	32	0.007	1	2.11	0.025	0.15	<0.1	<0.01	8.8	0.2	0.21	8	<0.5	<0.2		
1066682	Drill Core	0.062	13	27	1.62	194	0.028	<1	1.75	0.060	0.13	<0.1	0.02	9.5	<0.1	<0.05	7	<0.5	<0.2		
1066683	Drill Core	0.074	17	22	1.07	98	0.002	<1	1.27	<0.001	0.11	0.2	0.06	10.4	0.2	0.19	4	<0.5	<0.2		
1066684	Drill Core	0.078	16	2	0.99	206	<0.001	2	0.69	0.008	0.29	<0.1	0.02	3.0	0.5	0.45	2	<0.5	<0.2		
1066685	Drill Core	0.067	15	21	1.18	116	0.002	<1	0.76	0.002	0.08	0.2	0.17	11.8	0.7	0.27	2	<0.5	<0.2		
1066686	Drill Core	0.064	11	26	1.53	381	0.015	1	1.83	0.073	0.13	<0.1	0.04	9.7	0.2	0.25	7	<0.5	<0.2		
1066687	Drill Core	0.063	6	31	1.51	90	0.129	2	1.91	0.133	0.10	0.1	<0.01	6.1	<0.1	<0.05	7	<0.5	<0.2		
1066688	Rock Pulp	0.054	3	18	0.79	97	0.086	<1	1.26	0.098	0.23	2.2	0.80	1.4	<0.1	0.26	3	1.0	1.2	97	0.177
1066689	Drill Core	0.070	7	30	1.48	262	0.042	<1	1.94	0.065	0.07	<0.1	0.02	6.7	0.1	<0.05	8	<0.5	<0.2		
1066690	Drill Core	0.064	6	33	1.52	42	0.100	1	1.93	0.118	0.09	0.1	<0.01	5.8	<0.1	<0.05	8	<0.5	<0.2		
1066691	Drill Core	0.065	6	26	1.59	250	0.027	1	2.39	0.072	0.07	<0.1	0.02	7.5	<0.1	<0.05	8	<0.5	<0.2		
1066692	Drill Core	0.065	14	19	1.44	27	<0.001	<1	2.20	0.005	0.08	<0.1	<0.01	5.4	<0.1	<0.05	7	<0.5	<0.2		
1066693	Drill Core	0.068	7	23	1.53	216	0.080	<1	1.77	0.115	0.09	<0.1	<0.01	5.8	<0.1	0.17	7	<0.5	<0.2		
1066694	Drill Core	0.074	6	26	1.49	333	0.122	2	1.73	0.120	0.10	0.1	<0.01	4.3	<0.1	<0.05	7	<0.5	<0.2		
1066695	Drill Core	0.073	7	24	1.56	165	0.063	1	2.09	0.117	0.09	<0.1	<0.01	6.2	<0.1	<0.05	8	<0.5	<0.2		
1066696	Drill Core	0.074	7	26	1.57	266	0.090	1	1.96	0.116	0.08	0.1	<0.01	5.9	<0.1	<0.05	8	<0.5	<0.2		
1066697	Drill Core	0.073	12	21	1.38	166	0.007	<1	2.21	0.028	0.11	0.6	0.01	7.5	0.2	0.23	7	<0.5	<0.2		
1066698	Drill Core	0.069	8	24	1.47	236	0.033	1	1.92	0.092	0.12	<0.1	0.01	6.8	<0.1	0.37	7	<0.5	<0.2		
1066699	Drill Core	0.073	9	24	1.47	276	0.034	<1	1.96	0.088	0.12	<0.1	0.01	6.9	0.1	0.39	7	<0.5	<0.2		
1066700	Drill Core	0.074	7	27	1.65	475	0.082	1	2.02	0.125	0.09	0.2	<0.01	7.5	<0.1	0.05	8	<0.5	<0.2		
1066701	Drill Core	0.073	7	25	1.63	441	0.062	1	2.01	0.109	0.09	<0.1	<0.01	7.8	<0.1	0.09	8	<0.5	<0.2		
1066702	Drill Core	0.075	13	24	1.55	428	0.015	1	1.89	0.087	0.11	<0.1	0.01	8.6	0.2	0.17	7	<0.5	<0.2		

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	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
1066703	Drill Core	6.70	<0.005	0.2	1.6	10.1	78	0.1	6.3	9.8	911	3.41	5.1	4.2	3.7	109	0.2	1.5	0.1	70	3.13
1066704	Drill Core	4.01	<0.005	0.3	1.4	11.4	68	0.1	7.1	10.4	805	3.05	8.0	2.0	4.1	99	0.2	1.9	<0.1	64	3.66
1066705	Drill Core	6.00	0.007	2.4	1.9	29.6	93	0.3	6.0	10.2	1068	2.74	32.9	8.2	4.1	128	0.4	3.1	0.2	56	4.90
1066706	Drill Core	3.47	0.005	1.4	1.7	19.8	93	0.2	5.3	10.9	1020	3.49	8.9	5.7	4.0	162	0.4	2.4	<0.1	68	4.71
1066707	Drill Core	3.40	0.148	1.6	64.0	1379	1634	3.9	6.1	9.8	1511	3.61	737.8	96.4	3.0	75	31.7	17.1	0.2	36	3.52
1066708	Rock Pulp	0.14	0.370	9.4	128.2	7.3	50	0.2	25.5	34.5	476	3.10	1329	387.1	2.8	66	0.3	2.0	4.2	74	1.20
1066709	Drill Core	2.06	0.050	3.0	65.3	1470	1464	3.8	4.8	9.5	2336	3.45	171.9	51.6	3.0	110	31.7	9.7	0.1	31	5.33
1066710	Drill Core	3.58	0.007	2.0	1.7	19.3	100	0.2	6.9	12.5	1180	3.18	24.4	8.2	3.6	117	0.3	3.2	<0.1	49	4.22
1066711	Drill Core	6.48	<0.005	1.2	1.4	17.2	102	0.1	7.5	11.5	1615	3.41	16.4	5.3	3.3	151	0.2	3.1	<0.1	43	5.72
1066712	Drill Core	3.28	<0.005	1.7	2.1	14.8	68	0.2	10.2	11.8	884	2.78	8.8	3.5	3.6	183	0.2	2.1	<0.1	49	6.37
1066713	Drill Core	5.97	<0.005	3.0	2.8	12.5	90	0.3	7.8	9.7	867	3.50	3.9	2.0	3.2	118	0.3	1.8	<0.1	79	2.33
1066714	Drill Core	6.00	<0.005	1.2	1.9	12.3	88	0.2	5.6	11.6	854	3.83	4.4	1.0	3.5	107	0.2	1.2	<0.1	89	2.58
1066715	Drill Core	6.44	<0.005	1.3	2.2	12.3	79	0.1	4.7	10.1	708	3.46	3.7	1.0	3.6	89	0.3	1.3	<0.1	90	1.88
1066716	Drill Core	4.49	<0.005	0.3	16.5	5.3	55	<0.1	10.4	11.2	465	3.38	2.3	4.1	6.8	97	0.2	0.3	<0.1	94	1.09
1066717	Drill Core	6.37	0.010	0.4	17.1	3.9	55	<0.1	12.2	14.3	549	3.68	3.1	6.2	7.8	110	0.2	0.4	<0.1	102	1.26
1066718	Drill Core	3.09	0.012	0.4	18.3	4.5	53	<0.1	13.6	14.4	797	3.64	12.5	10.1	8.8	104	0.2	2.1	<0.1	87	1.59
1066719	Drill Core	5.34	<0.005	0.4	20.0	5.0	51	<0.1	13.6	15.5	1170	3.74	13.7	7.0	8.1	98	<0.1	2.9	<0.1	79	2.16
1066720	Drill Core	3.31	0.007	0.4	22.3	6.2	58	<0.1	14.9	17.2	1728	4.12	41.2	6.2	9.2	94	0.2	5.8	0.1	77	2.41
1066721	Drill Core	5.16	<0.005	0.5	15.8	4.8	84	<0.1	13.8	14.5	678	3.50	12.4	4.1	8.4	105	0.7	1.1	<0.1	95	1.65
1066722	Drill Core	6.49	0.007	0.4	23.7	4.1	73	<0.1	13.8	14.8	580	3.45	4.7	8.5	8.3	97	0.5	0.4	<0.1	104	1.24
1066723	Drill Core	1.97	0.012	0.6	65.6	5.7	143	0.1	16.9	16.8	691	3.75	38.0	13.0	8.4	55	1.0	3.4	0.1	86	0.78
1066724	Drill Core	4.84	0.006	0.6	19.2	4.9	99	<0.1	13.4	16.8	600	3.82	7.5	3.9	7.6	97	1.0	0.9	<0.1	127	1.17
1066725	Rock Pulp	0.14	0.225	275.3	1680	29.7	106	13.6	4.0	5.5	377	1.39	13.0	216.8	1.1	231	0.5	26.1	1.2	15	1.14
1066726	Drill Core	5.26	0.008	0.9	18.2	4.5	96	<0.1	14.1	15.1	535	3.74	7.3	9.9	7.2	103	0.5	0.5	<0.1	122	1.23
1066727	Drill Core	3.25	0.010	0.9	53.0	5.6	83	<0.1	15.7	15.5	412	3.51	3.3	9.5	8.4	76	0.6	0.4	<0.1	113	0.93
1066728	Drill Core	4.88	0.009	0.6	20.6	15.7	162	0.1	17.2	15.3	559	3.52	20.4	11.8	7.1	80	3.4	1.0	<0.1	110	0.96
1066729	Drill Core	4.77	<0.005	0.3	7.6	4.8	91	<0.1	14.7	13.7	427	3.25	4.3	2.1	8.0	93	1.0	0.8	<0.1	101	1.18
1066730	Drill Core	3.87	0.150	1.1	55.5	142.6	753	0.9	19.3	22.8	1855	4.55	225.8	107.3	8.5	24	21.7	9.9	<0.1	47	1.61
1066731	Drill Core	3.80	0.025	0.9	61.6	91.8	548	0.5	15.6	20.8	1350	3.70	166.9	22.2	9.9	22	15.3	12.0	<0.1	62	0.88
1066732	Drill Core	2.64	0.012	0.4	40.0	12.6	540	0.2	25.3	21.0	668	4.42	69.0	12.6	7.8	58	18.1	3.4	<0.1	97	0.68

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS WHI11001248.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
	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	50	0.001
1066703	Drill Core	0.068	11	16	1.43	276	0.016	2	1.48	0.079	0.10	<0.1	0.01	8.4	0.2	0.08	6	<0.5	<0.2		
1066704	Drill Core	0.070	14	15	1.30	96	0.004	<1	1.30	0.035	0.11	<0.1	0.07	8.6	0.2	0.11	5	<0.5	<0.2		
1066705	Drill Core	0.073	14	9	1.29	46	<0.001	3	0.61	0.004	0.14	0.2	0.31	8.5	0.5	0.35	2	<0.5	<0.2		
1066706	Drill Core	0.070	14	13	1.52	687	0.008	1	1.37	0.031	0.11	<0.1	0.03	8.9	0.2	0.08	5	<0.5	<0.2		
1066707	Drill Core	0.059	6	9	1.03	27	<0.001	1	0.46	0.003	0.18	0.1	0.08	5.3	0.4	1.77	1	<0.5	<0.2		
1066708	Rock Pulp	0.054	6	44	0.74	122	0.093	2	1.56	0.176	0.27	0.4	<0.01	2.2	<0.1	0.13	5	2.0	0.7		
1066709	Drill Core	0.059	7	9	1.57	41	<0.001	2	0.38	0.005	0.20	<0.1	0.05	4.8	0.4	0.68	1	<0.5	<0.2		
1066710	Drill Core	0.068	11	10	1.35	15	<0.001	2	0.53	0.004	0.17	<0.1	0.15	9.9	1.2	0.65	1	<0.5	<0.2		
1066711	Drill Core	0.068	11	9	1.82	16	<0.001	1	0.47	0.004	0.17	<0.1	0.28	8.9	1.8	0.83	1	<0.5	<0.2		
1066712	Drill Core	0.077	12	12	1.85	177	<0.001	2	0.72	0.004	0.14	<0.1	0.41	11.1	0.9	0.57	2	<0.5	<0.2		
1066713	Drill Core	0.069	6	23	1.36	105	0.026	1	1.68	0.120	0.09	<0.1	0.04	8.7	<0.1	0.05	6	<0.5	<0.2		
1066714	Drill Core	0.066	7	23	1.67	42	0.002	1	2.16	0.023	0.07	<0.1	0.03	9.5	0.2	0.07	7	<0.5	<0.2		
1066715	Drill Core	0.061	5	22	1.37	108	0.029	<1	1.72	0.096	0.06	<0.1	0.02	7.1	<0.1	<0.05	6	<0.5	<0.2		
1066716	Drill Core	0.079	10	26	1.23	425	0.204	<1	2.49	0.263	0.66	0.2	<0.01	4.8	0.3	<0.05	7	<0.5	<0.2		
1066717	Drill Core	0.089	11	21	1.33	407	0.205	1	2.51	0.263	0.74	0.1	<0.01	6.3	0.4	<0.05	8	<0.5	<0.2		
1066718	Drill Core	0.090	16	22	1.10	398	0.151	1	2.13	0.208	0.64	0.1	0.04	7.6	0.5	<0.05	7	<0.5	<0.2		
1066719	Drill Core	0.088	19	14	0.92	353	0.125	<1	1.72	0.153	0.64	<0.1	0.09	9.1	0.9	0.12	6	0.5	<0.2		
1066720	Drill Core	0.091	21	14	1.04	374	0.129	1	1.61	0.124	0.67	<0.1	0.13	9.3	1.2	0.20	5	<0.5	<0.2		
1066721	Drill Core	0.088	14	20	1.19	345	0.183	1	2.34	0.233	0.69	0.1	0.04	7.3	0.5	0.05	7	<0.5	<0.2		
1066722	Drill Core	0.089	11	26	1.28	321	0.227	<1	2.33	0.230	0.79	0.2	0.01	5.9	0.4	0.08	7	<0.5	<0.2		
1066723	Drill Core	0.086	18	22	1.08	210	0.122	<1	2.14	0.117	0.58	<0.1	0.07	6.4	0.5	0.06	7	<0.5	<0.2		
1066724	Drill Core	0.085	10	30	1.52	429	0.270	<1	2.69	0.242	1.04	0.2	<0.01	7.5	0.5	0.08	8	<0.5	<0.2		
1066725	Rock Pulp	0.037	7	8	0.15	244	0.007	1	0.40	0.049	0.17	0.6	0.67	1.0	<0.1	0.35	2	<0.5	1.5		0.184
1066726	Drill Core	0.073	10	25	1.45	364	0.275	<1	2.68	0.283	1.02	0.2	<0.01	6.4	0.5	0.06	8	<0.5	<0.2		
1066727	Drill Core	0.082	10	29	1.35	304	0.267	<1	2.24	0.219	0.84	0.2	<0.01	4.8	0.4	0.10	7	0.9	<0.2		
1066728	Drill Core	0.076	10	41	1.37	339	0.238	<1	2.34	0.218	0.79	0.2	<0.01	5.2	0.4	0.06	7	<0.5	<0.2		
1066729	Drill Core	0.095	10	24	1.43	262	0.226	<1	2.38	0.230	0.69	0.2	<0.01	4.7	0.4	<0.05	7	<0.5	<0.2		
1066730	Drill Core	0.098	21	8	0.19	49	0.001	3	0.86	0.004	0.28	<0.1	0.04	6.9	0.5	0.12	2	<0.5	<0.2		
1066731	Drill Core	0.089	26	9	0.19	37	0.002	2	0.87	0.004	0.16	<0.1	0.08	9.9	0.5	0.10	2	<0.5	<0.2		
1066732	Drill Core	0.077	13	41	1.14	344	0.156	<1	2.34	0.133	0.57	0.2	0.03	7.4	0.6	0.11	7	0.5	<0.2		

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Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS WHI11001248.1

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

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CERTIFICATE OF ANALYSIS WHI11001248.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Cu
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
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	50	0.001

[redacted]

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Project: Charlotte Project
Report Date: October 27, 2011

QUALITY CONTROL REPORT WHI11001248.1

	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																					
1066679	Rock	0.75	<0.005	<0.1	0.8	0.5	11	<0.1	<0.1	0.5	220	0.45	<0.5	<0.5	0.1	31	<0.1	<0.1	<0.1	<2	22.02
REP 1066679	QC			0.1	0.6	0.9	12	<0.1	1.1	0.6	224	0.46	<0.5	<0.5	<0.1	32	<0.1	<0.1	<0.1	<2	22.66
1066692	Drill Core	2.32	<0.005	0.3	2.1	6.6	65	<0.1	5.8	11.2	1022	2.66	6.9	1.2	3.7	143	0.2	0.7	<0.1	61	6.13
REP 1066692	QC			0.4	2.1	6.9	64	<0.1	5.2	11.1	1031	2.69	7.1	1.7	3.7	142	0.2	0.8	<0.1	63	6.29
1066701	Drill Core	3.56	0.007	0.4	2.5	11.0	97	0.1	6.9	11.2	870	3.68	12.4	9.0	3.5	113	0.3	1.2	<0.1	96	2.46
REP 1066701	QC		0.008																		
1066709	Drill Core	2.06	0.050	3.0	65.3	1470	1464	3.8	4.8	9.5	2336	3.45	171.9	51.6	3.0	110	31.7	9.7	0.1	31	5.33
REP 1066709	QC			3.1	64.3	1495	1450	3.7	5.0	9.5	2346	3.39	168.7	114.1	3.0	110	32.0	9.9	<0.1	31	5.13
1066723	Drill Core	1.97	0.012	0.6	65.6	5.7	143	0.1	16.9	16.8	691	3.75	38.0	13.0	8.4	55	1.0	3.4	0.1	86	0.78
REP 1066723	QC		0.011																		
1066730	Drill Core	3.87	0.150	1.1	55.5	142.6	753	0.9	19.3	22.8	1855	4.55	225.8	107.3	8.5	24	21.7	9.9	<0.1	47	1.61
REP 1066730	QC			1.0	55.9	141.3	769	1.0	19.9	23.5	1904	4.61	233.0	144.6	8.6	26	22.7	8.9	<0.1	48	1.64
Core Reject Duplicates																					
1066681	Drill Core	2.93	<0.005	2.4	4.2	5.1	62	<0.1	5.3	12.9	1109	4.01	6.2	8.8	3.9	97	0.2	2.3	<0.1	81	3.82
DUP 1066681	QC		0.006	2.2	6.2	5.9	63	<0.1	5.1	13.4	1093	4.17	6.5	4.3	4.3	108	0.2	2.5	<0.1	86	4.23
1066716	Drill Core	4.49	<0.005	0.3	16.5	5.3	55	<0.1	10.4	11.2	465	3.38	2.3	4.1	6.8	97	0.2	0.3	<0.1	94	1.09
DUP 1066716	QC		<0.005	0.4	16.8	5.3	58	<0.1	10.5	11.4	467	3.33	2.5	2.1	7.3	91	0.2	0.4	<0.1	93	1.04
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			14.5	112.0	139.6	309	1.9	40.8	8.2	619	2.46	23.7	121.9	7.5	69	2.3	5.5	7.0	42	0.73
STD DS8	Standard			11.4	105.6	129.1	306	1.7	35.7	7.3	597	2.37	23.4	100.2	6.8	60	2.6	5.1	6.6	40	0.67
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				

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QUALITY CONTROL REPORT WHI11001248.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
	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	50	0.001
Pulp Duplicates																					
1066679	Rock	0.015	<1	<1	10.68	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		
REP 1066679	QC	0.016	<1	2	10.79	14	<0.001	<1	0.03	0.002	0.02	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066692	Drill Core	0.065	14	19	1.44	27	<0.001	<1	2.20	0.005	0.08	<0.1	<0.01	5.4	<0.1	<0.05	7	<0.5	<0.2		
REP 1066692	QC	0.067	14	19	1.46	29	0.001	<1	2.26	0.005	0.08	<0.1	<0.01	5.8	<0.1	<0.05	7	<0.5	<0.2		
1066701	Drill Core	0.073	7	25	1.63	441	0.062	1	2.01	0.109	0.09	<0.1	<0.01	7.8	<0.1	0.09	8	<0.5	<0.2		
REP 1066701	QC																				
1066709	Drill Core	0.059	7	9	1.57	41	<0.001	2	0.38	0.005	0.20	<0.1	0.05	4.8	0.4	0.68	1	<0.5	<0.2		
REP 1066709	QC	0.057	7	9	1.60	43	<0.001	2	0.38	0.005	0.20	<0.1	0.05	4.7	0.4	0.66	1	<0.5	<0.2		
1066723	Drill Core	0.086	18	22	1.08	210	0.122	<1	2.14	0.117	0.58	<0.1	0.07	6.4	0.5	0.06	7	<0.5	<0.2		
REP 1066723	QC																				
1066730	Drill Core	0.098	21	8	0.19	49	0.001	3	0.86	0.004	0.28	<0.1	0.04	6.9	0.5	0.12	2	<0.5	<0.2		
REP 1066730	QC	0.103	21	9	0.19	49	0.001	3	0.85	0.004	0.29	<0.1	0.05	7.0	0.6	0.12	1	<0.5	<0.2		
Core Reject Duplicates																					
1066681	Drill Core	0.059	11	22	1.67	32	0.007	1	2.11	0.025	0.15	<0.1	<0.01	8.8	0.2	0.21	8	<0.5	<0.2		
DUP 1066681	QC	0.065	13	23	1.72	39	0.008	1	2.20	0.025	0.17	<0.1	<0.01	9.1	0.2	0.18	8	<0.5	<0.2		
1066716	Drill Core	0.079	10	26	1.23	425	0.204	<1	2.49	0.263	0.66	0.2	<0.01	4.8	0.3	<0.05	7	<0.5	<0.2		
DUP 1066716	QC	0.085	10	26	1.25	427	0.200	1	2.36	0.236	0.65	0.2	<0.01	5.0	0.3	<0.05	7	<0.5	<0.2		
Reference Materials																					
STD AGPROOF	Standard																			95	
STD CDN-ME-3	Standard																			263	
STD DS8	Standard	0.080	16	124	0.63	261	0.120	3	1.00	0.105	0.44	3.4	0.22	2.1	6.1	0.14	5	5.0	5.3		
STD DS8	Standard	0.075	12	111	0.59	253	0.103	2	0.88	0.086	0.41	2.7	0.20	2.1	5.5	0.16	5	4.6	4.5		
STD OREAS131B	Standard																				0.022
STD OREAS153A	Standard																				0.709
STD OREAS131B	Standard																				0.021
STD OREAS153A	Standard																				0.715
STD OREAS131B	Standard																				0.023
STD OREAS153A	Standard																				0.710

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Report Date: October 27, 2011

QUALITY CONTROL REPORT WHI11001248.1

		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 OXH82	Standard		1.286																		
STD OXH82	Standard		1.277																		
STD OXK79	Standard		3.496																		
STD OXK79	Standard		3.612																		
STD SU-1B	Standard																				
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 CDN-ME-3 Expected																					
STD AGPROOF Expected																					
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			<0.1	<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	1.1	<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																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		<0.005	<0.1	2.0	2.6	41	<0.1	2.3	3.9	544	1.93	<0.5	1.2	4.9	62	<0.1	<0.1	<0.1	35	0.45
G1	Prep Blank		<0.005	0.1	2.1	2.9	42	<0.1	2.4	4.2	562	2.01	<0.5	0.9	5.4	59	<0.1	<0.1	<0.1	38	0.46

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

Project: Charlotte Project
Report Date: October 27, 2011

QUALITY CONTROL REPORT WHI11001248.1

		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	G6Gr Ag gm/t 50	7TD Cu % 0.001
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD SU-1B	Standard																				1.174
STD SU-1B	Standard																				1.164
STD SU-1B	Standard																				1.170
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 CDN-ME-3 Expected																				276	
STD AGPROOF Expected																				94	
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	<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																			<50	
BLK	Blank																			<50	
BLK	Blank																				<0.001
BLK	Blank																				<0.001
BLK	Blank																				<0.001
Prep Wash																					
G1	Prep Blank	0.071	12	5	0.49	141	0.117	1	0.95	0.115	0.49	<0.1	<0.01	1.6	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.075	14	6	0.49	139	0.119	1	1.02	0.126	0.51	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2		

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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: August 22, 2011
Report Date: October 30, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI11001252.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-027
P.O. Number
Number of Samples: 73

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	70	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	73	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	73	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	1	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN
7TD	1	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
Nicola Struyk

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 30, 2011

CERTIFICATE OF ANALYSIS WHI11001252.1

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
1066600	Drill Core	7.59	0.007	0.9	8.4	19.9	96	0.3	4.4	8.8	598	3.57	21.9	8.3	4.7	54	0.6	2.7	0.2	94	1.37
1066601	Drill Core	7.37	<0.005	0.9	3.9	35.3	101	0.1	4.4	8.8	678	3.44	10.3	1.4	4.0	59	0.8	0.8	<0.1	89	1.70
1066602	Drill Core	8.49	0.044	0.5	9.2	25.8	138	0.2	4.6	8.8	649	3.47	10.9	3.0	3.9	70	1.8	0.7	0.3	88	1.82
1066603	Drill Core	3.64	0.008	0.5	34.3	24.7	99	0.6	5.4	10.8	762	4.32	42.5	11.1	4.3	94	0.7	4.3	1.3	86	2.66
1066604	Drill Core	6.08	<0.005	0.5	5.3	10.4	86	0.1	5.6	9.2	791	3.81	12.7	1.8	4.4	88	0.1	0.9	0.2	91	2.16
1066605	Drill Core	6.45	0.006	0.5	68.1	31.8	116	0.7	5.6	9.9	820	4.14	43.6	7.2	4.1	73	1.1	4.8	1.1	79	2.19
1066606	Drill Core	7.55	0.005	0.4	9.5	18.3	101	0.2	5.5	9.8	765	3.84	28.3	5.2	4.2	78	0.7	2.2	0.3	94	2.13
1066607	Drill Core	3.42	0.015	0.4	5.4	20.8	185	0.2	5.6	11.8	1901	3.93	390.0	11.5	4.7	83	1.3	7.0	0.1	68	3.17
1066608	Drill Core	6.72	0.012	0.3	6.0	57.9	143	0.3	6.3	10.4	775	3.99	23.4	6.8	4.3	109	1.7	2.1	0.2	95	2.32
1066609	Drill Core	3.13	<0.005	0.4	6.3	31.6	116	0.2	6.2	10.2	760	3.92	24.2	2.7	4.2	111	1.1	1.9	0.3	95	2.27
1066610	Drill Core	7.95	<0.005	0.3	1.6	5.1	94	<0.1	6.4	11.2	924	4.10	7.4	2.5	4.1	111	0.2	0.8	<0.1	97	2.55
1066611	Drill Core	8.23	<0.005	0.3	1.7	5.6	93	<0.1	6.5	10.6	919	4.09	6.8	2.9	4.0	99	0.2	0.6	<0.1	93	2.51
1066612	Drill Core	8.32	<0.005	0.4	7.8	11.8	86	0.2	6.2	10.9	835	4.02	12.0	3.9	3.9	92	0.3	0.8	0.4	98	2.39
1066613	Drill Core	7.84	0.007	0.3	2.4	10.3	102	0.1	5.7	11.3	904	4.02	11.9	5.0	4.0	85	0.2	0.8	<0.1	98	2.31
1066614	Drill Core	7.90	<0.005	0.3	7.5	13.1	96	0.2	6.2	11.6	822	3.77	13.6	5.6	3.9	86	0.4	1.0	0.2	92	2.25
1066615	Drill Core	8.36	0.010	0.5	7.1	17.2	93	0.2	5.8	11.5	865	4.09	30.0	11.8	4.0	94	0.4	1.0	0.3	95	2.45
1066616	Drill Core	8.26	0.005	0.5	8.6	58.3	152	0.3	6.5	11.5	950	4.28	21.6	5.1	4.5	99	1.6	1.5	0.2	96	2.51
1066617	Drill Core	8.23	<0.005	0.4	3.9	18.4	89	<0.1	6.0	10.5	806	3.94	10.3	3.8	4.3	91	0.4	0.8	<0.1	95	2.26
1066618	Rock Pulp	0.14	>10	8.7	122.1	16.9	59	>100	15.5	11.2	614	3.70	243.7	13088	3.3	80	0.3	10.1	18.9	73	1.62
1066619	Drill Core	8.01	0.020	0.6	21.9	143.7	189	0.7	5.8	9.7	812	3.99	33.9	27.4	4.7	98	2.6	2.1	0.5	89	2.29
1066620	Drill Core	7.73	0.034	0.5	18.6	141.0	211	0.9	5.6	10.8	740	4.04	62.8	29.5	4.4	84	3.3	1.8	1.0	94	2.03
1066621	Drill Core	7.61	0.019	1.9	4.1	49.8	158	0.3	5.2	9.0	625	3.85	21.3	26.8	4.2	67	1.8	0.9	0.1	89	1.60
1066622	Drill Core	7.79	0.124	0.4	23.1	150.9	220	1.5	5.9	12.1	777	4.30	199.5	130.8	4.2	75	3.1	1.7	0.6	90	2.17
1066623	Drill Core	4.62	<0.005	0.6	3.8	35.8	92	0.1	4.8	12.0	849	4.03	7.1	4.1	4.7	116	0.5	1.0	<0.1	81	2.95
1066624	Drill Core	5.16	<0.005	0.4	3.2	42.4	113	0.2	5.1	9.7	662	3.62	10.5	3.8	4.8	76	0.7	1.2	<0.1	81	1.69
1066625	Drill Core	2.50	0.016	0.6	5.9	55.9	171	0.3	7.8	11.4	1182	4.33	14.7	22.3	5.8	116	2.2	2.6	<0.1	79	3.26
1066626	Drill Core	6.04	0.036	0.7	24.5	151.9	581	0.5	21.7	18.7	1072	4.06	50.4	39.9	8.6	88	9.9	2.2	0.4	78	2.60
1066627	Drill Core	6.59	0.151	0.6	35.4	83.5	196	0.8	24.8	26.5	959	4.34	73.1	156.7	10.8	27	2.1	5.9	1.5	97	0.97
1066628	Rock Pulp	0.14	0.398	10.3	140.7	7.7	56	0.2	27.7	37.6	531	3.41	1391	428.9	3.5	88	0.2	2.4	5.2	83	1.43
1066629	Drill Core	3.26	0.055	0.4	108.3	184.4	631	1.6	23.2	31.3	1124	4.49	31.3	59.4	7.9	26	11.5	13.8	1.9	74	0.78

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CERTIFICATE OF ANALYSIS WHI11001252.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1066600	Drill Core	0.069	7	23	1.24	96	0.104	3	1.66	0.085	0.09	0.3	<0.01	3.7	<0.1	0.07	6	<0.5	<0.2		
1066601	Drill Core	0.069	7	23	1.39	73	0.110	2	1.84	0.080	0.08	0.2	<0.01	4.4	<0.1	0.05	7	<0.5	<0.2		
1066602	Drill Core	0.067	7	22	1.36	91	0.086	2	1.67	0.090	0.08	0.2	<0.01	5.9	<0.1	0.12	6	<0.5	<0.2		
1066603	Drill Core	0.071	11	20	1.60	65	0.038	1	1.83	0.071	0.12	<0.1	0.06	8.7	0.1	0.67	6	<0.5	<0.2		
1066604	Drill Core	0.070	7	21	1.64	97	0.088	1	2.00	0.114	0.09	0.3	<0.01	8.2	<0.1	0.13	7	<0.5	<0.2		
1066605	Drill Core	0.071	9	18	1.28	71	0.066	2	1.52	0.067	0.12	0.1	0.03	6.8	0.3	0.86	6	<0.5	<0.2		
1066606	Drill Core	0.069	7	23	1.54	80	0.094	1	1.88	0.114	0.10	0.3	<0.01	7.0	0.2	0.22	7	<0.5	<0.2		
1066607	Drill Core	0.073	18	14	1.15	25	<0.001	1	1.15	0.006	0.15	0.4	0.06	9.7	0.5	0.25	3	<0.5	<0.2		
1066608	Drill Core	0.071	7	23	1.64	315	0.083	<1	2.07	0.129	0.10	0.2	<0.01	8.5	0.1	0.28	8	<0.5	<0.2		
1066609	Drill Core	0.070	7	23	1.62	341	0.087	<1	2.05	0.127	0.10	<0.1	0.01	8.0	0.1	0.25	7	<0.5	<0.2		
1066610	Drill Core	0.074	8	23	1.84	487	0.048	1	2.32	0.132	0.10	0.1	<0.01	9.1	0.1	0.12	8	<0.5	<0.2		
1066611	Drill Core	0.070	7	22	1.79	287	0.054	1	2.16	0.113	0.08	<0.1	<0.01	8.7	<0.1	0.07	8	<0.5	<0.2		
1066612	Drill Core	0.069	6	23	1.79	141	0.082	<1	2.26	0.134	0.09	0.2	<0.01	8.0	<0.1	0.18	7	<0.5	<0.2		
1066613	Drill Core	0.072	7	23	1.78	140	0.087	1	2.15	0.116	0.08	0.1	<0.01	8.2	<0.1	0.07	8	<0.5	<0.2		
1066614	Drill Core	0.068	7	22	1.65	99	0.072	1	2.15	0.130	0.09	0.2	<0.01	7.7	<0.1	0.15	7	<0.5	<0.2		
1066615	Drill Core	0.068	7	22	1.74	169	0.066	1	2.24	0.118	0.12	0.2	<0.01	7.8	<0.1	0.39	8	<0.5	<0.2		
1066616	Drill Core	0.072	8	22	1.69	87	0.043	2	2.33	0.116	0.12	0.1	<0.01	8.8	0.2	0.27	8	<0.5	<0.2		
1066617	Drill Core	0.071	8	22	1.60	83	0.086	<1	2.10	0.129	0.11	0.2	<0.01	7.3	<0.1	0.14	8	<0.5	<0.2		
1066618	Rock Pulp	0.051	8	26	0.75	115	0.134	3	1.72	0.175	0.22	4.6	0.49	2.8	<0.1	0.19	5	5.2	2.4	160	11.0
1066619	Drill Core	0.067	8	20	1.36	85	0.055	<1	2.02	0.144	0.14	0.1	<0.01	6.2	0.1	0.42	7	<0.5	<0.2		
1066620	Drill Core	0.069	7	21	1.51	106	0.084	<1	1.92	0.120	0.10	0.2	<0.01	6.2	<0.1	0.52	7	<0.5	<0.2		
1066621	Drill Core	0.068	7	20	1.41	73	0.101	<1	1.75	0.108	0.08	0.2	<0.01	5.3	<0.1	0.14	7	<0.5	<0.2		
1066622	Drill Core	0.070	8	21	1.54	96	0.051	<1	1.96	0.100	0.11	0.2	<0.01	6.4	<0.1	0.75	7	<0.5	<0.2		
1066623	Drill Core	0.064	11	19	1.35	53	0.058	1	1.57	0.118	0.08	<0.1	<0.01	7.5	<0.1	<0.05	6	<0.5	<0.2		
1066624	Drill Core	0.068	8	19	1.16	68	0.094	1	1.55	0.100	0.08	0.2	<0.01	5.7	<0.1	0.06	6	<0.5	<0.2		
1066625	Drill Core	0.070	24	15	1.07	20	0.002	<1	0.83	0.002	0.08	0.6	0.05	11.5	<0.1	0.12	3	<0.5	<0.2		
1066626	Drill Core	0.084	24	30	1.05	41	0.016	<1	0.92	<0.001	0.11	0.4	0.45	12.2	0.2	0.61	3	<0.5	<0.2		
1066627	Drill Core	0.099	29	42	0.73	105	0.054	<1	1.48	0.001	0.36	0.3	0.12	11.9	0.9	0.87	5	0.6	0.8		
1066628	Rock Pulp	0.057	8	49	0.81	135	0.139	4	1.80	0.191	0.28	0.4	0.01	2.9	<0.1	0.14	5	1.8	0.7		
1066629	Drill Core	0.094	21	23	0.42	19	0.004	<1	0.94	0.001	0.09	0.4	0.15	11.2	0.1	1.25	3	<0.5	0.7		

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

Project: Charlotte Project
Report Date: October 30, 2011

CERTIFICATE OF ANALYSIS WHI11001252.1

		Method	7TD	7TD
		Analyte	Pb	Zn
		Unit	%	%
		MDL	0.02	0.01
1066600	Drill Core			
1066601	Drill Core			
1066602	Drill Core			
1066603	Drill Core			
1066604	Drill Core			
1066605	Drill Core			
1066606	Drill Core			
1066607	Drill Core			
1066608	Drill Core			
1066609	Drill Core			
1066610	Drill Core			
1066611	Drill Core			
1066612	Drill Core			
1066613	Drill Core			
1066614	Drill Core			
1066615	Drill Core			
1066616	Drill Core			
1066617	Drill Core			
1066618	Rock Pulp			
1066619	Drill Core			
1066620	Drill Core			
1066621	Drill Core			
1066622	Drill Core			
1066623	Drill Core			
1066624	Drill Core			
1066625	Drill Core			
1066626	Drill Core			
1066627	Drill Core			
1066628	Rock Pulp			
1066629	Drill Core			

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CERTIFICATE OF ANALYSIS WHI11001252.1

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
1066630	Drill Core	3.37	0.136	0.3	47.2	153.7	130	1.4	34.6	30.6	1742	6.55	121.8	160.3	6.5	41	1.1	5.0	1.4	102	1.23
1066631	Drill Core	2.53	0.025	0.3	48.5	16.4	93	0.3	35.2	28.2	671	4.36	14.1	30.2	6.6	72	0.4	2.2	0.4	120	1.67
1066632	Drill Core	2.91	0.078	2.1	65.5	195.5	190	1.8	24.9	22.2	866	4.36	147.4	79.7	9.4	41	3.0	5.8	1.9	67	1.47
1066633	Drill Core	4.21	0.037	9.3	23.1	9.2	75	<0.1	21.5	18.1	668	3.77	15.4	31.4	7.5	87	0.3	1.1	0.3	99	1.61
1066634	Drill Core	3.93	0.056	19.1	44.5	19.3	88	0.5	26.4	19.8	729	3.48	27.9	55.4	8.3	68	0.9	1.9	0.2	88	1.84
1066635	Drill Core	4.04	0.039	4.2	28.4	42.1	103	0.5	27.6	19.2	1883	3.64	48.3	37.7	8.3	105	0.5	3.9	0.2	80	2.74
1066636	Drill Core	4.11	0.043	0.7	40.6	201.4	342	1.1	27.3	17.9	1141	3.85	93.6	43.9	7.7	96	4.8	9.9	0.2	66	1.84
1066637	Drill Core	2.49	1.578	1.2	286.2	>10000	>10000	48.7	11.9	12.2	2603	9.40	1357	1362	3.8	137	197.7	92.7	0.5	11	5.31
1066638	Rock	0.51	0.007	<0.1	2.3	14.9	25	<0.1	0.4	0.4	186	0.41	2.2	<0.5	<0.1	37	0.2	0.2	<0.1	<2	20.69
1066639	Drill Core	3.75	0.018	0.3	10.2	98.7	185	0.5	22.3	17.8	1927	3.35	37.8	9.4	6.5	109	1.8	6.5	<0.1	48	3.30
1066640	Drill Core	6.33	0.014	0.3	15.7	94.7	189	0.4	23.1	15.6	834	3.56	10.1	4.4	7.4	147	2.0	2.5	0.1	89	2.09
1066641	Drill Core	6.17	0.057	2.7	19.2	71.1	171	0.6	21.9	19.3	2034	3.53	83.0	42.3	6.8	71	1.0	3.6	0.1	49	2.38
1066642	Drill Core	3.97	0.006	0.3	9.2	7.9	81	<0.1	19.9	17.9	1072	4.08	6.2	7.2	7.8	129	0.1	1.6	<0.1	89	2.51
1066643	Drill Core	5.10	0.032	3.7	5.5	16.1	77	<0.1	17.6	16.7	1135	4.05	3.6	28.6	6.9	161	0.2	0.5	<0.1	88	3.24
1066644	Drill Core	4.37	0.008	5.3	18.4	7.7	81	<0.1	19.6	17.2	864	3.74	4.8	10.6	7.8	145	0.1	0.7	<0.1	99	2.17
1066645	Drill Core	4.51	0.021	8.5	36.8	9.1	81	0.2	20.9	19.0	995	3.72	22.3	17.2	7.7	128	0.2	1.6	0.2	87	1.93
1066646	Drill Core	4.07	0.006	7.0	15.8	7.6	73	<0.1	20.7	15.1	1089	3.47	11.5	7.1	7.6	135	0.1	2.3	0.1	76	2.17
1066647	Drill Core	3.93	0.068	0.9	10.8	10.6	69	<0.1	19.5	15.6	698	4.04	40.3	53.3	7.4	121	0.1	1.9	0.1	96	2.05
1066648	Rock Pulp	0.14	6.062	2.9	126.0	11.1	49	80.2	7.2	11.4	481	2.95	111.3	5347	2.8	78	0.2	3.8	8.0	88	1.31
1066649	Drill Core	3.07	1.214	1.2	54.7	4889	2568	29.5	18.0	22.6	2129	6.81	1042	1119	6.3	97	46.1	66.1	0.3	33	3.55
1066650	Rock	0.57	0.007	<0.1	1.2	14.7	22	0.2	0.1	0.4	241	0.46	2.9	7.6	<0.1	40	0.2	0.2	<0.1	<2	21.16
1066651	Drill Core	1.67	0.043	0.5	12.0	13.9	72	0.1	20.7	22.0	1138	4.33	12.6	26.0	6.8	70	0.2	3.8	0.2	75	2.04
1066652	Drill Core	2.87	0.070	1.2	24.2	17.8	162	0.7	20.6	31.0	1360	4.88	90.4	54.0	6.3	76	1.5	7.1	0.5	54	2.38
1066653	Drill Core	3.79	0.229	2.3	62.0	741.0	1236	2.5	38.1	40.3	1234	5.63	226.4	186.4	6.4	50	20.9	17.2	0.3	35	1.78
1066654	Drill Core	6.01	0.072	0.9	62.1	316.4	582	1.5	39.8	21.5	1326	4.03	53.1	66.7	7.0	114	9.6	13.9	0.2	69	2.74
1066655	Drill Core	3.10	0.017	0.2	10.0	24.1	123	0.3	34.6	16.5	2002	4.28	48.5	26.9	6.7	144	0.9	7.2	0.2	58	5.07
1066656	Drill Core	6.02	0.020	0.7	10.2	10.1	76	0.1	25.0	15.7	647	3.44	11.5	21.2	7.3	142	0.2	3.4	0.2	96	2.02
1066657	Drill Core	3.15	0.229	2.7	41.3	1545	1926	8.2	21.0	21.8	1020	4.04	175.7	175.0	9.0	54	31.0	12.8	0.4	45	1.71
1066658	Drill Core	1.38	0.427	2.6	47.5	2823	3719	14.6	18.2	18.5	999	4.33	293.7	326.0	8.8	60	61.8	18.3	0.4	42	1.81
1066659	Drill Core	4.70	0.012	0.6	14.9	11.5	59	0.4	15.1	16.2	564	3.69	7.3	5.3	7.1	113	0.2	1.4	0.1	120	1.53

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Project: Charlotte Project
Report Date: October 30, 2011

CERTIFICATE OF ANALYSIS WHI11001252.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1066630	Drill Core	0.087	20	46	0.77	17	0.004	<1	0.92	<0.001	0.05	0.4	0.03	17.4	<0.1	1.70	2	<0.5	0.3		
1066631	Drill Core	0.077	11	59	0.96	119	0.163	<1	1.85	0.138	0.35	0.2	0.02	7.7	0.4	0.68	6	<0.5	0.2		
1066632	Drill Core	0.094	19	35	0.84	54	0.007	<1	1.46	<0.001	0.24	<0.1	0.04	7.4	0.4	2.16	5	0.6	<0.2		
1066633	Drill Core	0.070	10	58	1.44	158	0.164	1	2.33	0.201	0.55	0.2	<0.01	6.5	0.6	0.63	6	<0.5	<0.2		
1066634	Drill Core	0.075	12	50	0.97	58	0.021	2	1.81	0.094	0.25	0.1	<0.01	5.8	0.4	0.85	6	0.5	<0.2		
1066635	Drill Core	0.085	12	41	1.15	89	0.018	3	1.65	0.062	0.27	0.1	<0.01	7.5	0.5	0.73	4	<0.5	<0.2		
1066636	Drill Core	0.082	10	37	1.01	105	0.046	3	1.62	0.100	0.44	0.1	0.02	5.6	0.7	1.26	4	<0.5	<0.2		
1066637	Drill Core	0.034	4	4	2.11	24	<0.001	2	0.24	0.005	0.17	0.2	0.17	1.5	0.4	8.03	1	<0.5	<0.2		
1066638	Rock	0.017	<1	<1	11.24	13	<0.001	1	0.02	0.003	0.02	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066639	Drill Core	0.080	21	15	1.30	20	<0.001	2	0.69	0.005	0.18	0.1	0.04	10.4	0.7	0.41	1	<0.5	<0.2		
1066640	Drill Core	0.082	14	46	1.46	305	0.150	<1	2.74	0.267	0.63	<0.1	<0.01	8.0	0.5	0.17	7	<0.5	<0.2		
1066641	Drill Core	0.081	19	18	0.95	31	0.002	1	0.58	0.003	0.15	0.1	0.52	8.1	0.2	0.49	1	<0.5	<0.2		
1066642	Drill Core	0.081	19	35	1.34	235	0.140	<1	2.21	0.174	0.68	<0.1	0.02	11.3	0.3	0.12	6	<0.5	<0.2		
1066643	Drill Core	0.073	18	35	1.74	260	0.154	1	2.15	0.185	0.73	0.1	0.01	10.2	0.3	0.06	5	<0.5	<0.2		
1066644	Drill Core	0.085	14	39	1.46	257	0.185	<1	2.63	0.290	0.73	0.1	0.01	8.0	0.4	0.22	7	<0.5	<0.2		
1066645	Drill Core	0.078	13	44	1.42	175	0.119	<1	2.37	0.238	0.41	0.1	<0.01	7.4	0.3	0.45	6	<0.5	<0.2		
1066646	Drill Core	0.083	16	39	1.32	178	0.107	<1	2.34	0.199	0.47	<0.1	0.02	7.5	0.5	0.17	6	<0.5	<0.2		
1066647	Drill Core	0.079	13	48	1.33	238	0.150	1	2.65	0.245	0.49	0.1	<0.01	6.2	0.3	0.13	7	<0.5	<0.2		
1066648	Rock Pulp	0.051	6	13	0.83	144	0.157	2	1.91	0.233	0.30	2.8	0.22	2.7	<0.1	0.09	5	2.3	1.0		
1066649	Drill Core	0.067	13	10	1.28	32	<0.001	<1	0.60	0.005	0.20	0.1	0.10	5.3	0.5	4.66	1	<0.5	<0.2		
1066650	Rock	0.012	<1	<1	11.65	25	<0.001	<1	0.03	0.002	0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1066651	Drill Core	0.079	18	35	1.12	144	0.077	<1	1.89	0.056	0.42	0.1	0.04	9.6	0.4	0.28	5	<0.5	<0.2		
1066652	Drill Core	0.078	16	20	1.10	56	0.008	2	1.54	0.028	0.20	0.1	0.03	7.0	0.7	1.00	4	<0.5	0.4		
1066653	Drill Core	0.079	11	18	0.70	25	<0.001	2	0.66	0.005	0.21	0.3	0.04	5.5	0.3	2.81	2	<0.5	<0.2		
1066654	Drill Core	0.077	15	56	1.00	122	0.042	1	1.42	0.079	0.27	<0.1	0.04	9.6	0.4	0.53	3	<0.5	<0.2		
1066655	Drill Core	0.078	20	41	1.83	90	0.008	1	0.84	0.006	0.20	0.2	0.04	11.0	0.3	0.26	2	<0.5	<0.2		
1066656	Drill Core	0.072	13	51	1.45	389	0.185	<1	2.93	0.345	0.70	0.2	<0.01	6.6	0.5	0.24	7	<0.5	<0.2		
1066657	Drill Core	0.086	21	19	0.68	31	0.004	<1	0.73	0.003	0.14	0.1	0.06	8.2	0.4	1.53	2	<0.5	0.2		
1066658	Drill Core	0.079	17	16	0.73	26	<0.001	1	0.66	0.004	0.15	0.1	0.07	7.1	0.3	2.09	2	<0.5	0.2		
1066659	Drill Core	0.074	12	39	1.62	589	0.244	<1	3.11	0.305	1.01	0.1	0.01	9.0	0.6	0.23	8	<0.5	<0.2		

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		Method	7TD	7TD
		Analyte	Pb	Zn
		Unit	%	%
		MDL	0.02	0.01
1066630	Drill Core			
1066631	Drill Core			
1066632	Drill Core			
1066633	Drill Core			
1066634	Drill Core			
1066635	Drill Core			
1066636	Drill Core			
1066637	Drill Core		1.22	1.31
1066638	Rock			
1066639	Drill Core			
1066640	Drill Core			
1066641	Drill Core			
1066642	Drill Core			
1066643	Drill Core			
1066644	Drill Core			
1066645	Drill Core			
1066646	Drill Core			
1066647	Drill Core			
1066648	Rock Pulp			
1066649	Drill Core			
1066650	Rock			
1066651	Drill Core			
1066652	Drill Core			
1066653	Drill Core			
1066654	Drill Core			
1066655	Drill Core			
1066656	Drill Core			
1066657	Drill Core			
1066658	Drill Core			
1066659	Drill Core			

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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
1066660	Drill Core	4.65	0.008	0.6	18.2	83.1	132	0.4	14.4	16.3	646	3.54	9.3	13.2	7.1	117	1.2	1.1	<0.1	112	1.73
1066661	Drill Core	6.62	0.066	1.0	20.4	78.3	149	0.5	15.3	17.3	771	3.83	49.4	37.9	7.5	113	1.5	1.6	0.1	119	1.67
1066662	Drill Core	6.89	0.018	0.5	20.0	29.5	93	0.2	14.3	17.9	703	3.54	22.5	20.6	6.7	114	0.7	1.0	0.2	101	1.59
1066663	Drill Core	6.03	0.018	2.0	18.7	16.2	62	<0.1	13.8	15.2	453	3.22	4.2	19.1	8.1	128	0.1	0.7	0.1	101	1.59
1066664	Drill Core	6.96	0.021	0.8	21.2	14.9	68	0.1	14.2	17.3	539	3.30	13.2	23.9	7.1	128	0.2	1.7	0.3	94	1.61
1066665	Drill Core	6.05	0.072	0.6	19.4	58.9	153	0.3	14.9	18.4	691	3.56	44.2	57.5	7.6	139	1.6	1.7	0.3	94	2.11
1066666	Drill Core	4.54	0.053	1.6	33.2	22.6	81	0.2	13.4	15.6	722	2.96	40.0	49.5	7.1	25	0.6	6.7	0.4	23	0.94
1066667	Drill Core	4.12	0.258	1.4	181.5	350.5	153	7.4	9.2	12.4	1403	5.26	664.4	217.4	5.1	64	2.5	69.3	5.8	10	2.90
1066668	Drill Core	0.14	0.402	9.4	123.9	7.0	45	0.2	25.0	33.6	499	3.04	1314	370.5	2.9	74	0.2	2.0	4.1	74	1.27
1066669	Drill Core	4.61	0.034	1.2	24.9	19.0	48	0.4	10.1	13.1	837	3.36	253.0	24.5	4.9	34	0.3	11.2	0.6	13	1.24
1066670	Drill Core	3.91	0.026	2.2	15.3	54.7	73	0.4	8.1	11.4	731	3.05	47.4	28.2	4.9	39	0.2	7.2	0.4	33	1.31
1066671	Drill Core	4.25	0.025	4.2	16.4	12.6	70	0.1	9.4	13.5	948	3.30	24.3	21.1	5.5	39	0.2	5.4	0.2	45	1.28
1066672	Drill Core	3.57	0.020	5.6	11.7	7.4	71	<0.1	8.5	10.3	991	3.06	44.4	20.4	5.5	47	0.2	6.3	0.2	25	1.61

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 30, 2011

CERTIFICATE OF ANALYSIS WHI11001252.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1066660	Drill Core	0.079	11	39	1.73	478	0.215	1	2.94	0.307	0.70	0.2	<0.01	7.4	0.3	0.23	7	<0.5	<0.2		
1066661	Drill Core	0.075	12	39	1.71	491	0.211	<1	2.79	0.280	0.78	0.1	<0.01	9.2	0.3	0.22	7	<0.5	<0.2		
1066662	Drill Core	0.071	11	34	1.48	397	0.189	<1	2.73	0.307	0.72	0.1	<0.01	6.7	0.4	0.30	7	<0.5	<0.2		
1066663	Drill Core	0.071	11	32	1.42	368	0.198	<1	3.14	0.421	0.74	0.2	<0.01	5.8	0.5	0.35	7	<0.5	<0.2		
1066664	Drill Core	0.075	11	29	1.42	336	0.167	<1	2.94	0.348	0.57	0.2	<0.01	6.0	0.4	0.44	7	<0.5	<0.2		
1066665	Drill Core	0.078	11	29	1.48	261	0.153	<1	3.32	0.415	0.44	0.2	<0.01	6.7	0.6	0.45	8	<0.5	0.2		
1066666	Drill Core	0.070	15	6	0.47	159	0.002	<1	0.83	0.009	0.35	0.1	0.02	3.2	0.7	0.82	2	<0.5	0.3		
1066667	Drill Core	0.060	3	2	1.17	67	0.001	<1	0.49	0.008	0.33	0.2	0.03	1.7	0.2	4.31	1	0.5	<0.2		
1066668	Drill Core	0.052	6	44	0.73	121	0.115	3	1.61	0.180	0.26	0.4	<0.01	2.7	<0.1	0.12	4	1.5	0.4		
1066669	Drill Core	0.048	5	3	0.54	150	0.010	2	0.48	0.006	0.31	0.2	0.02	5.5	0.7	2.07	2	<0.5	<0.2		
1066670	Drill Core	0.072	13	6	0.75	114	0.023	5	0.58	0.003	0.17	0.4	<0.01	10.4	0.5	0.57	3	<0.5	<0.2		
1066671	Drill Core	0.073	17	9	0.67	73	0.012	2	0.72	0.002	0.12	0.5	<0.01	8.6	0.3	0.30	3	<0.5	<0.2		
1066672	Drill Core	0.079	13	6	0.83	168	0.009	4	0.65	0.004	0.25	0.2	0.01	8.1	0.5	0.40	3	<0.5	<0.2		

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Project: Charlotte Project
Report Date: October 30, 2011

CERTIFICATE OF ANALYSIS WHI11001252.1

		Method	7TD	7TD
		Analyte	Pb	Zn
		Unit	%	%
		MDL	0.02	0.01
1066660	Drill Core			
1066661	Drill Core			
1066662	Drill Core			
1066663	Drill Core			
1066664	Drill Core			
1066665	Drill Core			
1066666	Drill Core			
1066667	Drill Core			
1066668	Drill Core			
1066669	Drill Core			
1066670	Drill Core			
1066671	Drill Core			
1066672	Drill Core			

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Project: Charlotte Project
Report Date: October 30, 2011

QUALITY CONTROL REPORT WHI11001252.1

	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																					
1066600	Drill Core	7.59	0.007	0.9	8.4	19.9	96	0.3	4.4	8.8	598	3.57	21.9	8.3	4.7	54	0.6	2.7	0.2	94	1.37
REP 1066600	QC			1.0	8.5	19.8	96	0.3	4.2	8.8	604	3.57	22.4	8.7	4.6	54	0.4	2.7	0.2	93	1.38
1066618	Rock Pulp	0.14	>10	8.7	122.1	16.9	59	>100	15.5	11.2	614	3.70	243.7	13088	3.3	80	0.3	10.1	18.9	73	1.62
REP 1066618	QC																				
1066622	Drill Core	7.79	0.124	0.4	23.1	150.9	220	1.5	5.9	12.1	777	4.30	199.5	130.8	4.2	75	3.1	1.7	0.6	90	2.17
REP 1066622	QC			0.3	23.5	149.8	212	1.6	5.7	11.5	751	4.19	198.2	151.1	4.2	74	3.2	1.7	0.6	87	2.11
1066629	Drill Core	3.26	0.055	0.4	108.3	184.4	631	1.6	23.2	31.3	1124	4.49	31.3	59.4	7.9	26	11.5	13.8	1.9	74	0.78
REP 1066629	QC		0.049																		
1066643	Drill Core	5.10	0.032	3.7	5.5	16.1	77	<0.1	17.6	16.7	1135	4.05	3.6	28.6	6.9	161	0.2	0.5	<0.1	88	3.24
REP 1066643	QC			3.3	5.9	16.3	80	<0.1	18.4	17.0	1169	4.08	4.1	39.5	7.0	159	0.1	0.5	<0.1	89	3.25
1066659	Drill Core	4.70	0.012	0.6	14.9	11.5	59	0.4	15.1	16.2	564	3.69	7.3	5.3	7.1	113	0.2	1.4	0.1	120	1.53
REP 1066659	QC			0.7	14.3	9.6	59	<0.1	15.0	16.9	560	3.68	7.3	5.8	7.1	118	0.1	1.3	0.1	117	1.54
1066662	Drill Core	6.89	0.018	0.5	20.0	29.5	93	0.2	14.3	17.9	703	3.54	22.5	20.6	6.7	114	0.7	1.0	0.2	101	1.59
REP 1066662	QC		0.026																		
1066668	Drill Core	0.14	0.402	9.4	123.9	7.0	45	0.2	25.0	33.6	499	3.04	1314	370.5	2.9	74	0.2	2.0	4.1	74	1.27
REP 1066668	QC			8.5	120.5	6.6	43	0.2	24.8	32.2	453	2.87	1238	348.2	2.8	66	0.2	1.8	4.0	70	1.20
1066672	Drill Core	3.57	0.020	5.6	11.7	7.4	71	<0.1	8.5	10.3	991	3.06	44.4	20.4	5.5	47	0.2	6.3	0.2	25	1.61
REP 1066672	QC			5.3	11.1	6.6	64	<0.1	7.9	9.7	966	2.94	40.7	15.4	5.2	45	0.2	6.4	0.2	24	1.54
Core Reject Duplicates																					
1066614	Drill Core	7.90	<0.005	0.3	7.5	13.1	96	0.2	6.2	11.6	822	3.77	13.6	5.6	3.9	86	0.4	1.0	0.2	92	2.25
DUP 1066614	QC		<0.005	0.4	7.1	13.0	100	0.2	6.3	11.6	849	3.90	13.5	4.6	3.9	90	0.3	1.0	0.2	94	2.29
1066649	Drill Core	3.07	1.214	1.2	54.7	4889	2568	29.5	18.0	22.6	2129	6.81	1042	1119	6.3	97	46.1	66.1	0.3	33	3.55
DUP 1066649	QC		1.388	1.2	58.7	5290	2788	33.3	16.9	22.2	2082	7.23	1178	1249	6.1	99	49.6	73.3	0.2	32	3.63
Reference Materials																					
STD CDN-ME-3	Standard																				
STD DS8	Standard			13.4	112.8	130.0	327	1.8	39.3	8.1	614	2.56	26.2	138.3	7.3	72	2.5	6.4	7.4	42	0.72
STD DS8	Standard			12.0	106.1	119.5	280	1.7	35.7	7.0	573	2.33	24.8	110.3	6.6	61	2.0	5.3	6.2	39	0.67
STD DS8	Standard			12.8	111.0	130.8	301	1.6	38.5	7.8	581	2.46	24.5	103.6	6.9	64	2.2	5.8	7.0	39	0.67

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Project: Charlotte Project
Report Date: October 30, 2011

QUALITY CONTROL REPORT WHI11001252.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
Pulp Duplicates																					
1066600	Drill Core	0.069	7	23	1.24	96	0.104	3	1.66	0.085	0.09	0.3	<0.01	3.7	<0.1	0.07	6	<0.5	<0.2		
REP 1066600	QC	0.067	7	23	1.24	100	0.106	2	1.68	0.087	0.09	0.3	<0.01	3.7	<0.1	0.07	6	<0.5	<0.2		
1066618	Rock Pulp	0.051	8	26	0.75	115	0.134	3	1.72	0.175	0.22	4.6	0.49	2.8	<0.1	0.19	5	5.2	2.4	160	11.0
REP 1066618	QC																			171	11.6
1066622	Drill Core	0.070	8	21	1.54	96	0.051	<1	1.96	0.100	0.11	0.2	<0.01	6.4	<0.1	0.75	7	<0.5	<0.2		
REP 1066622	QC	0.069	8	20	1.50	91	0.051	1	1.92	0.099	0.11	0.2	<0.01	6.5	<0.1	0.73	7	<0.5	<0.2		
1066629	Drill Core	0.094	21	23	0.42	19	0.004	<1	0.94	0.001	0.09	0.4	0.15	11.2	0.1	1.25	3	<0.5	0.7		
REP 1066629	QC																				
1066643	Drill Core	0.073	18	35	1.74	260	0.154	1	2.15	0.185	0.73	0.1	0.01	10.2	0.3	0.06	5	<0.5	<0.2		
REP 1066643	QC	0.072	18	34	1.77	247	0.151	<1	2.13	0.186	0.73	<0.1	0.01	10.5	0.3	0.06	5	<0.5	<0.2		
1066659	Drill Core	0.074	12	39	1.62	589	0.244	<1	3.11	0.305	1.01	0.1	0.01	9.0	0.6	0.23	8	<0.5	<0.2		
REP 1066659	QC	0.075	12	39	1.63	587	0.248	<1	3.09	0.307	1.01	0.1	<0.01	8.9	0.6	0.23	7	<0.5	<0.2		
1066662	Drill Core	0.071	11	34	1.48	397	0.189	<1	2.73	0.307	0.72	0.1	<0.01	6.7	0.4	0.30	7	<0.5	<0.2		
REP 1066662	QC																				
1066668	Drill Core	0.052	6	44	0.73	121	0.115	3	1.61	0.180	0.26	0.4	<0.01	2.7	<0.1	0.12	4	1.5	0.4		
REP 1066668	QC	0.046	6	42	0.68	111	0.108	1	1.50	0.166	0.24	0.4	<0.01	2.4	<0.1	0.12	4	1.2	0.4		
1066672	Drill Core	0.079	13	6	0.83	168	0.009	4	0.65	0.004	0.25	0.2	0.01	8.1	0.5	0.40	3	<0.5	<0.2		
REP 1066672	QC	0.069	13	6	0.79	173	0.009	3	0.59	0.004	0.23	0.3	<0.01	8.1	0.5	0.38	4	<0.5	<0.2		
Core Reject Duplicates																					
1066614	Drill Core	0.068	7	22	1.65	99	0.072	1	2.15	0.130	0.09	0.2	<0.01	7.7	<0.1	0.15	7	<0.5	<0.2		
DUP 1066614	QC	0.069	8	23	1.69	105	0.077	<1	2.20	0.138	0.09	0.1	<0.01	8.0	<0.1	0.15	7	<0.5	<0.2		
1066649	Drill Core	0.067	13	10	1.28	32	<0.001	<1	0.60	0.005	0.20	0.1	0.10	5.3	0.5	4.66	1	<0.5	<0.2		
DUP 1066649	QC	0.064	12	10	1.33	29	<0.001	2	0.48	0.005	0.19	0.1	0.11	5.0	0.5	5.11	1	<0.5	<0.2		
Reference Materials																					
STD CDN-ME-3	Standard																			256	9.7
STD DS8	Standard	0.081	16	118	0.62	279	0.120	2	0.92	0.088	0.43	3.0	0.20	2.2	5.5	0.17	5	5.1	5.6		
STD DS8	Standard	0.072	15	110	0.57	264	0.107	2	0.86	0.083	0.40	2.9	0.19	1.9	5.0	0.16	4	4.3	5.1		
STD DS8	Standard	0.077	13	118	0.59	265	0.112	3	0.89	0.086	0.41	3.1	0.21	1.5	5.4	0.16	4	4.5	4.7		

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QUALITY CONTROL REPORT WHI11001252.1

		Method	7TD	7TD
		Analyte	Pb	Zn
		Unit	%	%
		MDL	0.02	0.01
Pulp Duplicates				
1066600	Drill Core			
REP 1066600	QC			
1066618	Rock Pulp			
REP 1066618	QC			
1066622	Drill Core			
REP 1066622	QC			
1066629	Drill Core			
REP 1066629	QC			
1066643	Drill Core			
REP 1066643	QC			
1066659	Drill Core			
REP 1066659	QC			
1066662	Drill Core			
REP 1066662	QC			
1066668	Drill Core			
REP 1066668	QC			
1066672	Drill Core			
REP 1066672	QC			
Core Reject Duplicates				
1066614	Drill Core			
DUP 1066614	QC			
1066649	Drill Core			
DUP 1066649	QC			
Reference Materials				
STD CDN-ME-3	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			

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QUALITY CONTROL REPORT WHI11001252.1

		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 OREAS131B	Standard																				
STD OXH82	Standard		1.267																		
STD OXH82	Standard		1.293																		
STD OXH82	Standard		1.351																		
STD OXK79	Standard		3.656																		
STD OXK79	Standard		3.514																		
STD OXK79	Standard		3.588																		
STD SU-1B	Standard																				
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD CDN-ME-3 Expected																					
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																					
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	1.5	<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			<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																				
Prep Wash																					
G1	Prep Blank		<0.005	0.1	2.6	2.8	47	<0.1	2.1	3.7	557	1.99	0.5	4.8	6.3	79	<0.1	<0.1	0.1	36	0.55
G1	Prep Blank		<0.005	0.1	2.4	2.8	45	<0.1	2.1	4.0	573	2.06	<0.5	2.4	6.3	74	<0.1	<0.1	<0.1	37	0.53

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 30, 2011

QUALITY CONTROL REPORT WHI11001252.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
STD OREAS131B	Standard																					
STD OXH82	Standard																					
STD OXH82	Standard																					
STD OXH82	Standard																					
STD OXK79	Standard																					
STD OXK79	Standard																					
STD OXK79	Standard																					
STD SU-1B	Standard																					
STD OXH82 Expected																						
STD OXK79 Expected																						
STD CDN-ME-3 Expected																					276	9.77
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																						
STD SU-1B Expected																						
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																				<50	<0.9
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																					
Prep Wash																						
G1	Prep Blank	0.070	13	4	0.48	159	0.124	2	0.95	0.116	0.48	0.7	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2			
G1	Prep Blank	0.073	14	5	0.49	162	0.119	2	0.96	0.103	0.47	0.2	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2			

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 30, 2011

QUALITY CONTROL REPORT WHI11001252.1

		7TD Pb % 0.02	7TD Zn % 0.01
STD OREAS131B	Standard	1.86	3.26
STD OXH82	Standard		
STD OXH82	Standard		
STD OXH82	Standard		
STD OXK79	Standard		
STD OXK79	Standard		
STD OXK79	Standard		
STD SU-1B	Standard	<0.02	0.03
STD OXH82 Expected			
STD OXK79 Expected			
STD CDN-ME-3 Expected			
STD DS8 Expected			
STD OREAS131B Expected		1.86	3.14
STD SU-1B Expected		0.0058	0.0235
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank	<0.02	<0.01
Prep Wash			
G1	Prep Blank		
G1	Prep Blank		

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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: August 22, 2011
Report Date: October 26, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI11001272.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-029
P.O. Number
Number of Samples: 139

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	132	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	139	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	139	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
7TD	6	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN
G6Gr	2	Lead collection fire assay 30G fusion - Grav finish	30	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

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 26, 2011

CERTIFICATE OF ANALYSIS WHI11001272.1

	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
1066733	Drill Core	3.14	0.064	0.7	89.8	750.1	1770	0.9	43.5	30.8	1011	5.69	431.6	86.3	6.4	13	36.0	15.5	0.1	71	0.34
1066734	Drill Core	4.75	0.209	1.0	254.2	7657	1809	18.1	10.1	6.3	124	7.69	1244	242.7	5.0	41	10.8	40.4	1.2	46	0.09
1066735	Drill Core	1.81	0.199	0.9	218.4	7425	1657	19.6	8.9	4.8	120	6.84	1083	224.5	5.2	43	9.2	37.0	1.0	42	0.11
1066736	Drill Core	3.56	0.360	1.0	210.3	4051	1429	12.2	15.3	9.4	183	6.77	1414	377.9	6.5	116	12.1	32.2	4.3	48	0.19
1066737	Drill Core	6.06	0.026	0.3	71.6	295.8	746	1.2	23.8	21.0	1851	4.81	132.9	17.1	8.0	54	18.9	9.6	<0.1	71	1.96
1066738	Drill Core	6.46	0.047	0.5	52.1	24.3	126	0.3	26.6	24.5	1769	4.52	44.8	45.1	7.7	98	1.1	4.0	0.1	82	2.54
1066739	Drill Core	3.64	0.119	1.3	90.1	22.4	186	0.3	29.0	22.6	712	4.87	53.2	125.0	8.2	106	4.3	1.7	0.2	125	1.20
1066740	Drill Core	2.08	0.887	2.3	123.7	13.7	200	0.5	26.7	18.1	717	5.19	84.8	46.2	7.9	55	1.8	2.5	0.1	102	1.08
1066741	Drill Core	4.13	0.146	4.3	509.2	13.5	178	1.5	28.8	31.2	761	7.63	68.4	151.1	6.6	70	2.3	3.5	0.1	94	1.33
1066742	Drill Core	3.25	0.052	1.9	53.7	20.3	108	0.2	27.2	25.0	541	4.54	22.8	52.9	6.9	100	1.6	0.8	<0.1	135	1.19
1066743	Drill Core	2.47	0.044	21.7	73.5	6.4	90	0.2	28.0	21.3	362	4.22	24.0	43.2	7.3	50	1.6	1.5	0.1	131	0.66
1066744	Drill Core	5.09	0.040	9.7	98.9	103.1	251	1.1	20.5	29.8	1546	4.94	81.2	43.4	7.1	33	7.0	8.3	1.2	79	1.34
1066745	Rock Pulp	0.10	0.846	558.7	4845	29.2	25	15.2	8.4	5.3	315	1.36	12.2	949.7	0.9	279	0.4	39.5	2.5	11	0.94
1066746	Drill Core	3.47	0.030	1.6	89.7	27.9	139	0.7	19.5	22.5	839	4.76	26.0	25.0	7.2	98	3.6	1.8	0.4	126	1.34
1066747	Drill Core	4.10	0.025	4.5	73.0	10.5	101	0.4	16.4	21.9	673	4.12	20.4	20.0	6.6	93	1.8	1.0	0.1	110	1.41
1066748	Drill Core	5.34	0.047	1.2	98.3	169.2	318	0.9	24.8	24.3	1101	4.83	42.2	40.1	7.7	64	6.2	8.6	0.5	107	1.42
1066749	Drill Core	6.57	0.017	1.4	82.1	9.7	106	0.2	19.5	19.4	547	3.98	11.4	14.9	6.9	71	1.5	0.8	<0.1	115	1.33
1066750	Drill Core	4.83	0.031	1.8	88.7	10.6	117	0.3	21.3	19.1	665	3.93	60.3	27.5	6.6	81	1.3	1.0	<0.1	118	1.55
1066751	Drill Core	4.60	0.033	1.8	153.7	69.7	158	1.0	17.8	24.9	880	4.68	39.2	31.2	5.9	58	3.1	2.5	0.8	108	1.35
1066752	Drill Core	4.95	0.029	0.4	99.6	54.5	107	0.4	19.2	19.0	469	3.81	6.0	22.8	8.1	78	1.3	0.5	<0.1	129	1.16
1066753	Drill Core	4.90	0.012	0.6	52.4	152.6	119	0.5	21.2	16.2	641	4.18	6.0	7.8	5.3	77	1.2	0.4	0.1	126	1.23
1066754	Drill Core	5.47	0.006	0.2	9.8	40.2	120	0.2	4.1	9.7	864	4.00	19.2	2.8	4.9	58	1.2	0.6	0.2	84	1.33
1066755	Drill Core	6.32	<0.005	0.1	4.1	13.1	114	<0.1	4.0	9.1	956	3.73	5.3	<0.5	4.8	81	0.8	0.5	<0.1	81	1.62
1066756	Drill Core	5.34	0.013	<0.1	3.1	11.9	134	<0.1	5.0	10.6	1566	3.90	11.8	<0.5	3.8	73	1.5	1.0	<0.1	56	2.08
1066757	Rock	0.47	0.009	<0.1	<0.1	0.5	6	<0.1	1.3	0.9	243	0.46	<0.5	1.7	<0.1	38	<0.1	<0.1	<0.1	<2	20.96
1066758	Drill Core	4.67	<0.005	0.1	4.5	23.1	117	<0.1	4.7	9.4	1403	3.45	14.6	4.5	3.7	62	1.3	1.4	0.2	38	2.57
1066759	Drill Core	3.79	0.021	0.4	3.8	54.6	163	0.7	5.5	8.7	1530	4.00	25.8	18.9	3.9	87	2.7	1.2	0.9	46	3.00
1066760	Drill Core	6.31	0.015	<0.1	9.5	13.5	188	0.4	7.3	13.0	1930	4.76	21.2	15.0	3.3	48	2.1	2.0	0.6	65	1.67
1066761	Drill Core	3.82	<0.005	<0.1	1.8	5.6	175	0.1	7.9	13.3	1774	4.74	18.2	1.0	4.0	53	0.9	1.4	0.1	72	1.75
1066762	Drill Core	2.81	<0.005	<0.1	11.2	7.1	291	0.1	9.7	17.2	2187	5.88	48.8	3.8	3.9	19	3.4	2.4	0.1	76	0.54

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 26, 2011

CERTIFICATE OF ANALYSIS WHI11001272.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Pb
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	0.02
1066733	Drill Core	0.101	21	27	0.11	29	<0.001	3	1.08	0.002	0.22	<0.1	0.07	13.2	0.6	0.47	2	<0.5	<0.2		
1066734	Drill Core	0.118	8	17	0.05	33	0.001	3	0.92	0.003	0.25	0.1	0.14	5.1	0.7	0.61	1	0.8	<0.2		
1066735	Drill Core	0.117	8	16	0.05	34	<0.001	2	0.86	0.004	0.24	0.1	0.14	4.4	0.7	0.53	1	0.8	<0.2		
1066736	Drill Core	0.136	16	10	0.09	49	<0.001	2	1.01	0.005	0.24	0.1	0.10	6.1	0.7	1.17	1	0.7	<0.2		
1066737	Drill Core	0.090	22	24	1.07	112	0.023	3	1.15	0.038	0.33	<0.1	0.07	13.1	0.8	0.37	3	<0.5	<0.2		
1066738	Drill Core	0.091	21	31	1.22	133	0.032	4	1.49	0.114	0.33	<0.1	0.07	13.2	0.9	0.60	4	<0.5	<0.2		
1066739	Drill Core	0.099	14	82	1.25	135	0.051	2	3.17	0.281	0.23	0.4	<0.01	8.9	0.6	0.97	10	<0.5	<0.2		
1066740	Drill Core	0.091	16	57	1.03	124	0.038	2	2.84	0.217	0.30	0.2	<0.01	9.4	0.4	0.46	9	<0.5	<0.2		
1066741	Drill Core	0.080	13	50	1.16	122	0.051	2	3.27	0.264	0.26	1.4	<0.01	6.5	0.4	1.03	11	0.9	<0.2		
1066742	Drill Core	0.085	11	70	1.44	206	0.201	<1	2.92	0.276	0.37	0.3	<0.01	9.1	0.5	0.65	8	<0.5	<0.2		
1066743	Drill Core	0.092	11	56	1.31	185	0.189	<1	2.38	0.154	0.44	0.7	<0.01	9.9	0.4	0.78	7	0.9	<0.2		
1066744	Drill Core	0.091	22	18	0.72	100	0.056	1	1.05	0.008	0.33	0.2	0.07	11.2	0.3	1.29	3	0.7	<0.2		
1066745	Rock Pulp	0.044	6	11	0.12	241	0.006	<1	0.43	0.040	0.22	0.1	2.43	0.7	<0.1	0.80	2	<0.5	5.4	0.464	<0.02
1066746	Drill Core	0.089	12	32	1.54	196	0.194	<1	2.95	0.255	0.44	9.8	<0.01	8.4	0.4	0.68	9	<0.5	<0.2		
1066747	Drill Core	0.088	12	36	1.01	131	0.124	1	2.27	0.221	0.23	0.7	0.01	7.6	0.2	0.38	7	<0.5	<0.2		
1066748	Drill Core	0.082	19	54	1.40	189	0.090	2	2.28	0.109	0.42	0.1	0.02	10.6	0.4	0.54	8	<0.5	<0.2		
1066749	Drill Core	0.082	12	50	1.12	143	0.190	1	1.99	0.194	0.45	0.3	<0.01	7.8	0.2	0.09	6	<0.5	<0.2		
1066750	Drill Core	0.082	12	48	1.11	113	0.169	<1	1.77	0.170	0.34	0.4	<0.01	6.6	0.2	0.09	6	<0.5	<0.2		
1066751	Drill Core	0.087	12	24	0.85	134	0.093	1	1.57	0.101	0.25	0.4	<0.01	7.9	0.2	0.69	6	<0.5	<0.2		
1066752	Drill Core	0.087	12	55	1.30	208	0.250	<1	2.08	0.220	0.65	0.2	<0.01	6.6	0.4	0.24	7	<0.5	<0.2		
1066753	Drill Core	0.078	9	64	1.66	254	0.241	1	2.24	0.211	0.57	0.2	<0.01	5.7	0.3	0.13	7	<0.5	<0.2		
1066754	Drill Core	0.064	10	15	0.95	49	0.085	1	1.30	0.107	0.10	<0.1	<0.01	5.0	<0.1	0.32	6	<0.5	<0.2		
1066755	Drill Core	0.065	9	15	0.95	58	0.086	<1	1.26	0.121	0.10	<0.1	<0.01	5.9	<0.1	0.06	6	<0.5	<0.2		
1066756	Drill Core	0.065	16	11	1.11	244	0.002	2	0.79	0.031	0.16	<0.1	<0.01	8.7	0.2	0.06	3	<0.5	<0.2		
1066757	Rock	0.016	<1	<1	10.90	18	<0.001	<1	0.02	0.004	<0.01	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2		
1066758	Drill Core	0.073	18	8	1.23	79	<0.001	2	0.40	0.016	0.21	<0.1	0.01	7.3	0.3	0.20	1	<0.5	<0.2		
1066759	Drill Core	0.078	22	10	1.46	157	<0.001	2	0.66	0.012	0.18	<0.1	<0.01	8.5	0.2	0.34	2	<0.5	0.5		
1066760	Drill Core	0.074	17	18	1.83	152	0.002	1	1.91	0.029	0.17	<0.1	0.02	8.9	0.2	0.20	7	<0.5	<0.2		
1066761	Drill Core	0.079	17	19	1.91	331	0.002	2	1.80	0.033	0.16	<0.1	0.02	10.4	0.2	<0.05	7	<0.5	<0.2		
1066762	Drill Core	0.078	16	21	1.95	139	0.003	2	2.17	0.037	0.13	<0.1	<0.01	11.3	0.2	<0.05	8	<0.5	<0.2		

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 26, 2011

CERTIFICATE OF ANALYSIS WHI11001272.1

Method		7TD	G6Gr	G6Gr
Analyte		Zn	Ag	Au
Unit		%	gm/t	gm/t
MDL		0.01	50	0.9
1066733	Drill Core			
1066734	Drill Core			
1066735	Drill Core			
1066736	Drill Core			
1066737	Drill Core			
1066738	Drill Core			
1066739	Drill Core			
1066740	Drill Core			
1066741	Drill Core			
1066742	Drill Core			
1066743	Drill Core			
1066744	Drill Core			
1066745	Rock Pulp	<0.01		
1066746	Drill Core			
1066747	Drill Core			
1066748	Drill Core			
1066749	Drill Core			
1066750	Drill Core			
1066751	Drill Core			
1066752	Drill Core			
1066753	Drill Core			
1066754	Drill Core			
1066755	Drill Core			
1066756	Drill Core			
1066757	Rock			
1066758	Drill Core			
1066759	Drill Core			
1066760	Drill Core			
1066761	Drill Core			
1066762	Drill Core			

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Project: Charlotte Project
Report Date: October 26, 2011

CERTIFICATE OF ANALYSIS WHI11001272.1

	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
1066763	Drill Core	3.11	<0.005	<0.1	6.6	6.2	249	<0.1	8.5	16.7	2276	5.61	26.2	<0.5	3.8	46	3.1	1.4	<0.1	83	1.16
1066764	Drill Core	4.04	<0.005	0.2	18.4	4.9	107	<0.1	10.2	12.7	992	3.83	10.3	<0.5	4.6	92	0.5	1.6	<0.1	89	1.56
1066765	Rock Pulp	0.10	0.780	537.6	4859	29.2	25	15.1	8.4	5.3	308	1.35	11.6	958.9	0.9	274	0.4	37.7	2.4	10	0.92
1066766	Drill Core	6.91	<0.005	0.2	140.0	7.7	369	<0.1	9.6	14.0	1476	4.97	85.6	1.3	3.7	30	7.5	6.8	0.1	79	0.45
1066767	Drill Core	5.75	<0.005	0.2	137.5	8.3	320	<0.1	7.6	12.7	1618	4.68	79.8	5.6	3.5	29	12.0	4.5	0.3	57	0.85
1066768	Drill Core	3.88	0.008	0.3	313.1	16.3	604	0.5	10.0	17.3	2374	6.09	181.5	7.0	4.0	17	25.0	39.7	0.7	62	0.90
1066769	Drill Core	2.84	0.275	0.5	788.3	58.1	336	8.7	6.2	9.1	2390	20.85	890.6	302.9	1.9	106	13.8	8.3	49.7	27	0.76
1066770	Drill Core	5.36	0.441	0.5	987.6	33.7	611	2.9	13.6	15.4	870	7.12	560.3	469.6	2.6	37	11.3	17.2	3.4	33	0.21
1066771	Drill Core	4.34	0.046	0.5	340.0	335.0	2224	5.0	7.7	14.1	1909	5.54	289.1	43.9	2.2	16	41.8	32.3	2.7	30	0.29
1066772	Drill Core	2.00	0.385	0.6	620.8	>10000	>10000	64.8	6.7	17.2	1638	14.42	570.3	363.9	2.2	13	300.8	89.8	22.2	13	0.33
1066773	Drill Core	2.30	0.098	0.3	643.4	5598	1841	24.3	3.8	7.5	94	6.10	309.9	110.8	2.6	12	111.4	102.3	7.4	16	0.13
1066774	Drill Core	2.83	0.431	0.8	1049	>10000	3067	64.6	3.8	7.3	48	11.42	755.0	413.3	2.8	25	131.1	85.8	12.8	16	0.07
1066775	Drill Core	2.01	0.439	0.8	1175	>10000	5301	73.2	4.2	8.4	63	10.28	652.7	451.6	2.7	16	240.1	66.2	13.0	15	0.08
1066776	Drill Core	3.06	0.208	0.6	1174	6544	636	35.7	3.6	7.3	35	7.68	403.8	219.0	3.0	17	6.0	59.7	11.7	18	0.06
1066777	Drill Core	3.36	0.355	0.6	314.1	1224	1258	11.5	5.4	8.0	114	8.14	434.3	382.1	3.0	22	11.2	22.3	19.4	24	0.13
1066778	Drill Core	3.47	0.279	0.6	635.2	1303	2971	13.1	8.5	18.9	2621	10.77	380.8	299.6	2.8	20	94.4	29.8	17.8	24	0.47
1066779	Drill Core	6.28	0.028	0.4	70.0	462.8	495	3.5	5.1	12.8	1253	4.57	105.2	32.3	4.0	55	14.6	6.4	4.0	50	1.74
1066780	Rock	0.64	<0.005	<0.1	3.0	10.7	15	<0.1	0.2	0.6	160	0.39	1.2	3.7	<0.1	32	0.3	0.3	<0.1	<2	15.11
1066781	Drill Core	4.80	0.026	1.1	46.3	209.8	551	0.7	5.8	11.1	1391	4.61	117.3	25.3	4.3	46	12.0	9.4	0.6	63	1.80
1066782	Drill Core	4.97	0.011	0.7	11.7	245.2	589	0.6	4.6	11.3	1836	4.30	29.9	14.5	4.2	68	12.0	4.7	<0.1	60	2.53
1066783	Drill Core	4.99	0.019	0.3	6.5	130.4	674	0.4	4.4	10.9	1768	4.52	69.6	12.0	3.5	64	9.2	2.6	0.2	62	2.69
1067001	Drill Core	3.32	0.007	0.5	4.5	10.1	114	0.3	4.9	10.0	1056	3.29	7.0	6.9	3.2	57	1.8	1.5	0.2	73	2.19
1067002	Drill Core	3.10	0.006	0.5	1.4	5.6	117	<0.1	9.7	11.0	1322	3.45	2.7	5.0	2.9	38	1.3	0.7	<0.1	62	2.35
1067003	Drill Core	0.92	0.010	0.5	3.4	9.2	158	0.3	4.7	20.9	1242	3.95	5.4	11.0	3.2	19	2.3	1.1	0.5	72	0.23
1067004	Drill Core	4.93	<0.005	0.5	2.9	7.6	207	0.1	4.3	12.1	1336	3.89	2.2	4.2	2.9	30	4.4	0.5	0.3	63	1.87
1067005	Rock Pulp	0.10	0.380	9.3	130.7	6.4	46	0.2	25.7	33.7	451	3.03	1212	359.6	2.7	63	0.3	1.7	3.8	74	1.26
1067006	Drill Core	4.17	0.024	0.4	25.1	805.0	1385	2.6	3.8	14.5	1397	5.57	24.2	34.0	2.5	13	35.3	1.8	2.6	49	1.18
1067007	Drill Core	4.07	0.034	0.7	35.4	1304	805	5.7	4.1	19.9	1116	6.08	50.3	26.5	2.6	10	20.6	5.0	4.2	42	0.71
1067008	Drill Core	3.64	<0.005	1.1	12.6	7.1	97	<0.1	6.3	15.8	818	3.71	2.7	4.7	3.2	185	0.9	0.6	<0.1	109	2.87
1067009	Drill Core	3.21	<0.005	0.7	3.5	32.6	135	0.3	4.7	16.7	1343	4.10	2.8	3.1	3.1	48	1.1	0.4	0.4	87	1.81

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Project: Charlotte Project
Report Date: October 26, 2011

CERTIFICATE OF ANALYSIS WHI11001272.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Pb
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	0.02
1066763	Drill Core	0.072	17	23	1.98	673	0.003	1	2.07	0.039	0.13	<0.1	<0.01	11.0	0.1	<0.05	8	<0.5	<0.2		
1066764	Drill Core	0.074	10	23	1.49	884	0.104	<1	1.89	0.114	0.25	17.9	<0.01	8.4	0.2	<0.05	7	<0.5	<0.2		
1066765	Rock Pulp	0.044	6	12	0.13	234	0.006	<1	0.45	0.039	0.21	0.2	2.40	0.8	0.1	0.79	2	<0.5	5.4	0.472	<0.02
1066766	Drill Core	0.071	11	19	1.37	394	0.007	2	1.83	0.046	0.11	<0.1	<0.01	9.0	<0.1	<0.05	7	<0.5	<0.2		
1066767	Drill Core	0.063	14	14	1.32	240	0.003	2	1.49	0.024	0.13	<0.1	0.01	8.9	0.2	0.42	6	<0.5	<0.2		
1066768	Drill Core	0.083	15	11	0.38	42	<0.001	2	1.08	0.004	0.18	<0.1	0.05	10.4	0.2	0.92	2	<0.5	<0.2		
1066769	Drill Core	0.058	4	6	0.38	10	<0.001	1	0.74	0.010	0.20	0.1	0.02	5.8	0.4	>10	2	9.7	1.8		
1066770	Drill Core	0.057	4	6	0.11	7	<0.001	4	1.40	0.002	0.21	0.1	0.01	5.8	0.3	3.71	1	0.6	<0.2		
1066771	Drill Core	0.055	4	6	0.23	8	<0.001	2	0.74	0.002	0.19	0.1	0.02	4.6	0.2	2.68	<1	0.5	<0.2		
1066772	Drill Core	0.046	2	3	0.15	11	<0.001	1	0.37	0.003	0.18	0.3	0.21	2.1	0.5	>10	1	6.9	1.2	0.072	1.30
1066773	Drill Core	0.056	4	4	0.06	10	<0.001	2	0.52	0.003	0.22	0.1	0.09	2.9	0.3	4.82	1	1.9	0.4		
1066774	Drill Core	0.056	4	3	0.04	27	<0.001	2	0.48	0.005	0.26	0.1	0.20	2.5	0.3	7.65	2	7.0	1.3	0.113	1.45
1066775	Drill Core	0.057	4	3	0.04	28	<0.001	2	0.43	0.004	0.25	0.2	0.21	2.4	0.3	7.80	2	5.8	1.1	0.114	1.74
1066776	Drill Core	0.054	6	4	0.04	27	0.001	2	0.45	0.005	0.31	0.1	0.13	2.2	0.3	5.14	1	3.1	0.8	0.123	0.67
1066777	Drill Core	0.068	5	5	0.06	30	<0.001	2	0.59	0.006	0.24	<0.1	0.02	3.2	0.2	5.26	1	1.1	0.3		
1066778	Drill Core	0.061	4	4	0.26	10	<0.001	2	0.64	0.004	0.24	<0.1	0.08	3.2	0.3	5.86	2	1.7	0.7		
1066779	Drill Core	0.062	11	9	0.86	29	<0.001	2	0.57	0.005	0.17	<0.1	0.06	7.2	0.4	1.85	2	<0.5	<0.2		
1066780	Rock	0.012	<1	<1	11.22	18	<0.001	<1	0.02	0.002	0.02	<0.1	<0.01	0.1	<0.1	0.13	<1	<0.5	<0.2		
1066781	Drill Core	0.072	14	10	0.67	74	0.002	2	0.72	0.006	0.11	0.3	0.04	9.8	0.1	0.54	2	<0.5	<0.2		
1066782	Drill Core	0.072	17	9	0.94	299	0.002	1	0.62	0.002	0.12	0.3	0.06	9.3	0.3	0.37	2	<0.5	<0.2		
1066783	Drill Core	0.063	14	9	0.94	91	<0.001	1	0.62	0.002	0.10	0.3	0.03	7.1	0.1	0.33	2	<0.5	<0.2		
1067001	Drill Core	0.065	14	15	1.37	715	0.023	1	1.70	0.058	0.14	0.2	<0.01	6.1	<0.1	0.10	6	<0.5	<0.2		
1067002	Drill Core	0.066	17	22	1.54	387	0.003	1	1.95	0.018	0.14	<0.1	<0.01	6.4	<0.1	0.09	7	<0.5	<0.2		
1067003	Drill Core	0.073	23	15	1.57	829	0.003	1	1.87	0.018	0.12	<0.1	<0.01	7.1	<0.1	0.11	7	<0.5	<0.2		
1067004	Drill Core	0.067	9	12	1.43	81	0.002	1	1.68	0.015	0.17	<0.1	<0.01	6.1	<0.1	1.26	6	<0.5	<0.2		
1067005	Rock Pulp	0.054	6	44	0.72	117	0.113	3	1.59	0.165	0.24	0.4	<0.01	2.4	<0.1	0.14	5	1.5	0.7		
1067006	Drill Core	0.059	5	6	0.95	47	0.001	2	1.24	0.005	0.23	<0.1	0.03	4.0	0.1	2.75	3	0.9	0.2		
1067007	Drill Core	0.065	5	7	0.79	55	0.002	2	1.50	0.005	0.33	0.1	0.02	4.2	0.2	3.48	4	0.9	0.3		
1067008	Drill Core	0.060	9	13	1.29	308	0.081	2	3.99	0.414	0.32	<0.1	<0.01	7.6	0.2	0.09	9	<0.5	<0.2		
1067009	Drill Core	0.068	9	15	1.84	360	0.018	1	2.10	0.066	0.10	<0.1	<0.01	8.0	<0.1	0.34	8	<0.5	<0.2		

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		Method	7TD	G6Gr	G6Gr
		Analyte	Zn	Ag	Au
		Unit	%	gm/t	gm/t
		MDL	0.01	50	0.9
1066763	Drill Core				
1066764	Drill Core				
1066765	Rock Pulp		<0.01		
1066766	Drill Core				
1066767	Drill Core				
1066768	Drill Core				
1066769	Drill Core				
1066770	Drill Core				
1066771	Drill Core				
1066772	Drill Core		1.52		
1066773	Drill Core				
1066774	Drill Core		0.34		
1066775	Drill Core		0.56		
1066776	Drill Core		0.08		
1066777	Drill Core				
1066778	Drill Core				
1066779	Drill Core				
1066780	Rock				
1066781	Drill Core				
1066782	Drill Core				
1066783	Drill Core				
1067001	Drill Core				
1067002	Drill Core				
1067003	Drill Core				
1067004	Drill Core				
1067005	Rock Pulp				
1067006	Drill Core				
1067007	Drill Core				
1067008	Drill Core				
1067009	Drill Core				

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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
1067010	Drill Core	3.24	<0.005	0.6	2.5	35.1	132	0.1	4.7	11.5	1631	4.15	2.8	1.4	2.8	54	0.8	0.5	<0.1	92	1.91
1067011	Drill Core	2.32	<0.005	0.7	1.5	13.2	127	0.2	4.1	14.8	1717	3.48	4.4	3.2	2.9	116	1.0	0.8	0.5	63	5.37
1067012	Drill Core	2.76	<0.005	1.0	7.7	6.8	84	0.2	5.4	9.9	720	3.35	3.1	1.2	3.0	73	0.6	0.9	0.3	77	1.65
1067013	Drill Core	3.70	<0.005	0.6	1.8	9.8	100	0.1	4.3	11.5	1185	3.52	4.0	0.9	2.8	40	0.6	0.7	0.1	90	2.00
1067014	Drill Core	3.59	<0.005	0.5	27.0	6.4	81	0.1	5.1	10.5	493	3.34	1.9	3.4	3.0	85	0.5	0.5	<0.1	105	1.83
1067015	Rock	0.74	<0.005	<0.1	1.2	0.9	11	<0.1	0.7	0.7	176	0.39	<0.5	<0.5	<0.1	31	<0.1	<0.1	<0.1	<2	17.57
1067016	Drill Core	3.06	<0.005	0.4	11.7	3.5	91	<0.1	4.8	13.4	577	3.50	2.1	<0.5	3.0	107	0.7	0.6	<0.1	104	1.63
1067017	Drill Core	3.56	0.101	3.3	141.9	376.7	389	5.2	5.3	27.3	1067	6.65	149.5	125.6	2.5	10	7.5	3.3	7.5	31	0.67
1067018	Drill Core	3.04	0.242	2.1	50.0	327.7	422	2.9	5.8	29.6	2195	6.82	206.9	212.2	2.2	27	12.4	2.5	3.6	27	1.52
1067019	Drill Core	2.09	0.068	1.5	149.5	371.9	741	3.8	5.1	8.3	228	5.09	374.3	68.3	2.5	31	7.2	13.9	4.1	23	0.10
1067020	Drill Core	2.15	0.599	1.7	459.3	1993	1324	8.2	4.7	7.1	241	11.34	1571	584.1	2.5	21	5.4	54.6	16.0	26	0.05
1067021	Drill Core	1.75	0.315	1.9	419.3	2421	833	15.9	3.5	4.0	81	7.70	1447	302.8	2.3	28	3.5	113.8	12.1	27	0.02
1067022	Drill Core	1.56	0.061	1.5	152.1	293.2	612	2.4	4.4	10.0	167	4.33	840.9	73.5	5.7	15	4.3	45.1	36.2	53	0.03
1067023	Drill Core	3.05	<0.005	0.8	210.0	22.0	691	0.2	11.6	18.8	422	5.72	467.6	12.4	4.2	5	14.6	13.5	0.3	68	0.08
1067024	Drill Core	2.86	0.006	0.6	106.7	7.1	584	<0.1	6.0	21.8	780	6.40	186.6	11.9	3.5	11	10.0	2.9	0.3	61	0.19
1067025	Rock Pulp	0.10	>10	8.3	115.0	15.1	55	>100	15.1	10.4	562	3.50	227.8	12044	2.9	66	0.4	8.5	16.4	69	1.48
1067026	Drill Core	2.37	<0.005	0.5	24.0	12.2	686	0.3	6.3	18.2	1642	5.36	150.7	3.1	4.2	8	20.2	3.6	0.1	61	0.24
1067027	Drill Core	3.46	<0.005	0.4	24.3	11.4	870	<0.1	5.0	16.0	1596	5.79	295.5	<0.5	5.7	7	20.8	7.0	<0.1	92	0.33
1067028	Drill Core	3.26	0.007	0.9	38.3	19.9	706	0.2	6.0	15.7	2130	5.48	222.0	5.8	3.4	17	21.9	3.6	0.1	46	0.87
1067029	Drill Core	3.28	0.016	0.8	83.0	156.5	460	1.5	8.5	14.8	1490	4.93	184.1	20.8	2.8	19	13.2	7.3	2.1	37	1.01
1067030	Drill Core	3.40	0.035	0.5	240.2	144.0	674	2.1	7.4	16.2	1166	4.63	282.4	40.1	2.7	9	31.7	24.6	2.5	37	0.23
1067031	Drill Core	2.00	0.227	1.4	357.5	1045	952	14.0	4.3	7.0	168	8.18	1941	234.4	2.7	62	32.5	289.5	15.5	44	0.05
1067032	Drill Core	1.24	0.052	1.0	271.1	524.6	740	3.3	5.8	10.6	191	6.74	762.4	52.3	3.9	48	11.6	57.1	2.4	48	0.07
1067033	Drill Core	3.92	0.030	0.6	235.3	381.0	1714	1.1	7.3	17.5	1887	5.80	239.2	30.7	3.7	29	78.0	11.5	0.5	61	0.40
1067034	Drill Core	1.72	0.047	1.0	300.7	127.4	359	2.4	4.8	11.8	257	6.13	226.2	49.5	3.0	9	4.3	16.1	3.5	35	0.12
1067035	Drill Core	0.97	0.059	1.1	289.4	141.5	423	2.1	4.5	11.2	276	6.29	228.3	64.2	2.9	10	4.7	11.9	3.7	37	0.12
1067036	Drill Core	1.86	0.104	0.7	362.1	122.6	370	2.1	6.6	13.8	466	5.68	1178	95.2	3.6	13	17.7	10.7	3.0	55	0.20
1067037	Drill Core	1.85	0.414	0.7	145.8	896.8	379	5.1	4.1	7.4	60	7.06	1444	359.4	1.6	25	4.8	37.9	4.5	17	0.17
1067038	Drill Core	5.69	0.472	0.5	171.4	1752	1230	9.7	7.3	13.9	789	8.02	1986	428.1	2.9	9	36.6	49.3	6.3	22	0.17
1067039	Drill Core	5.22	0.705	0.5	111.1	1233	1672	12.5	5.7	8.8	209	19.19	2272	634.4	2.6	9	54.5	24.2	28.4	12	0.21

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Project: Charlotte Project
Report Date: October 26, 2011

CERTIFICATE OF ANALYSIS WHI11001272.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Pb
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	0.02
1067010	Drill Core	0.067	6	18	1.80	428	0.043	2	2.03	0.060	0.07	<0.1	<0.01	7.3	<0.1	0.06	8	<0.5	<0.2		
1067011	Drill Core	0.064	18	11	1.67	20	0.002	<1	1.11	0.009	0.06	<0.1	<0.01	7.7	<0.1	0.88	4	<0.5	<0.2		
1067012	Drill Core	0.063	10	16	1.00	175	0.063	2	1.75	0.130	0.18	<0.1	<0.01	6.2	<0.1	0.54	6	<0.5	<0.2		
1067013	Drill Core	0.061	5	18	1.37	32	0.062	1	1.74	0.064	0.07	<0.1	<0.01	5.3	<0.1	0.23	7	<0.5	<0.2		
1067014	Drill Core	0.055	6	11	1.21	150	0.095	<1	2.60	0.270	0.33	<0.1	<0.01	5.0	0.2	0.07	6	<0.5	<0.2		
1067015	Rock	0.015	<1	<1	12.91	19	<0.001	<1	0.01	0.003	<0.01	<0.1	<0.01	0.1	<0.1	0.13	<1	<0.5	<0.2		
1067016	Drill Core	0.058	6	11	1.20	577	0.098	1	2.65	0.276	0.26	0.1	<0.01	5.2	0.1	<0.05	6	<0.5	<0.2		
1067017	Drill Core	0.051	3	6	0.57	42	<0.001	2	0.75	0.004	0.22	<0.1	<0.01	4.0	0.2	3.30	2	<0.5	0.3		
1067018	Drill Core	0.056	4	5	0.93	40	0.002	2	0.43	0.004	0.23	0.1	<0.01	3.1	0.2	3.31	<1	0.9	<0.2		
1067019	Drill Core	0.061	9	4	0.07	70	<0.001	2	0.49	0.005	0.24	0.9	0.02	3.8	0.2	0.19	1	<0.5	<0.2		
1067020	Drill Core	0.065	7	3	0.03	75	<0.001	2	0.43	0.006	0.25	0.1	0.06	2.1	0.3	0.22	1	1.2	0.3		
1067021	Drill Core	0.060	7	3	0.02	165	<0.001	1	0.33	0.006	0.27	0.1	0.05	1.4	0.3	0.25	1	1.4	0.3		
1067022	Drill Core	0.054	11	3	0.02	118	0.002	2	0.56	0.004	0.14	0.1	0.08	5.8	0.2	0.16	2	0.6	19.8		
1067023	Drill Core	0.074	17	9	0.04	38	<0.001	<1	0.71	0.002	0.12	0.2	0.08	8.3	0.1	0.06	1	<0.5	<0.2		
1067024	Drill Core	0.067	17	5	0.61	77	0.002	<1	1.93	0.005	0.15	0.4	0.05	5.5	0.2	0.41	4	<0.5	<0.2		
1067025	Rock Pulp	0.047	7	24	0.71	109	0.115	3	1.62	0.165	0.20	4.2	0.48	2.5	<0.1	0.19	5	5.2	2.5		
1067026	Drill Core	0.071	21	5	0.60	92	0.008	1	1.38	0.003	0.22	0.7	0.04	6.0	0.2	0.83	3	<0.5	<0.2		
1067027	Drill Core	0.081	21	3	0.28	99	0.038	<1	0.88	0.002	0.24	1.6	0.07	10.4	0.2	0.17	2	<0.5	<0.2		
1067028	Drill Core	0.066	21	4	0.38	92	0.002	2	0.77	0.005	0.28	0.6	0.14	4.8	0.2	1.22	1	<0.5	<0.2		
1067029	Drill Core	0.068	11	6	0.55	53	0.001	<1	0.64	0.003	0.22	0.2	0.08	4.8	0.2	1.95	1	<0.5	<0.2		
1067030	Drill Core	0.064	11	7	0.14	28	0.001	2	0.79	0.002	0.18	0.3	0.19	6.0	0.3	1.87	2	0.6	<0.2		
1067031	Drill Core	0.069	17	3	0.04	130	0.001	1	0.74	0.006	0.25	0.3	0.19	4.3	0.5	0.23	1	1.8	<0.2		
1067032	Drill Core	0.063	11	6	0.28	61	0.002	1	1.56	0.007	0.34	0.1	0.07	5.1	0.6	2.10	3	1.0	<0.2		
1067033	Drill Core	0.067	13	6	0.73	173	0.011	1	1.79	0.023	0.42	<0.1	0.03	6.1	0.8	0.52	4	<0.5	<0.2		
1067034	Drill Core	0.058	5	4	0.39	43	0.002	2	1.16	0.009	0.31	0.1	0.01	3.2	0.4	3.89	2	1.0	<0.2		
1067035	Drill Core	0.053	5	5	0.45	36	0.003	<1	1.19	0.011	0.30	0.2	0.01	3.5	0.4	3.74	3	0.9	<0.2		
1067036	Drill Core	0.063	6	9	0.73	22	0.019	2	1.47	0.028	0.40	0.1	<0.01	5.2	0.5	3.60	4	0.9	<0.2		
1067037	Drill Core	0.029	4	2	0.09	23	0.004	1	0.73	0.035	0.26	0.5	0.02	2.4	0.4	6.00	2	2.4	0.2		
1067038	Drill Core	0.069	5	3	0.14	16	0.001	3	0.72	0.002	0.30	0.2	0.03	3.5	0.5	6.41	2	1.9	<0.2		
1067039	Drill Core	0.055	3	2	0.08	11	0.003	1	0.50	0.003	0.27	0.3	0.03	1.4	0.3	>10	2	9.7	1.6		

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		Method	7TD	G6Gr	G6Gr
		Analyte	Zn	Ag	Au
		Unit	%	gm/t	gm/t
		MDL	0.01	50	0.9
1067010	Drill Core				
1067011	Drill Core				
1067012	Drill Core				
1067013	Drill Core				
1067014	Drill Core				
1067015	Rock				
1067016	Drill Core				
1067017	Drill Core				
1067018	Drill Core				
1067019	Drill Core				
1067020	Drill Core				
1067021	Drill Core				
1067022	Drill Core				
1067023	Drill Core				
1067024	Drill Core				
1067025	Rock Pulp			171	11.6
1067026	Drill Core				
1067027	Drill Core				
1067028	Drill Core				
1067029	Drill Core				
1067030	Drill Core				
1067031	Drill Core				
1067032	Drill Core				
1067033	Drill Core				
1067034	Drill Core				
1067035	Drill Core				
1067036	Drill Core				
1067037	Drill Core				
1067038	Drill Core				
1067039	Drill Core				

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	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
1067040	Rock	0.62	0.008	<0.1	1.0	3.1	13	<0.1	1.3	0.6	182	0.39	2.7	<0.5	<0.1	32	0.2	0.2	<0.1	<2	16.04
1067041	Rock	0.79	<0.005	<0.1	1.4	3.1	14	<0.1	3.5	1.2	157	0.47	2.0	2.7	<0.1	36	0.2	0.1	0.1	3	16.21
1067042	Drill Core	1.14	0.030	0.4	131.6	216.3	850	1.3	6.4	12.7	1907	6.17	361.0	30.3	3.8	12	49.1	7.2	2.0	44	0.77
1067043	Drill Core	4.08	0.006	0.7	62.2	27.0	823	0.4	6.7	18.0	2313	7.18	79.3	10.9	4.1	21	30.2	3.0	0.8	80	0.55
1067044	Drill Core	4.34	0.012	1.3	34.3	43.9	366	0.7	6.3	14.4	1587	6.06	50.8	13.2	4.2	24	12.4	1.0	1.7	79	0.70
1067045	Rock Pulp	0.10	0.410	9.6	128.3	7.3	50	0.2	25.8	34.5	483	3.19	1259	359.5	3.0	77	0.3	2.0	4.1	79	1.39
1067046	Drill Core	2.83	<0.005	1.0	18.2	3.5	172	<0.1	5.9	13.0	824	4.02	13.0	13.2	4.0	62	4.8	0.6	0.2	104	1.00
1067047	Drill Core	6.47	0.019	0.8	79.3	49.8	394	0.5	6.9	19.3	1631	6.44	46.8	28.1	3.8	27	13.4	1.1	0.7	89	0.60
1067048	Drill Core	4.56	<0.005	0.5	46.9	151.2	401	1.4	7.2	13.6	1676	6.05	66.4	11.4	3.6	33	12.7	2.3	1.7	79	0.70
1067049	Drill Core	2.47	0.109	0.7	20.9	37.0	223	0.3	6.6	11.9	794	4.36	599.1	104.5	3.9	120	6.5	1.3	0.5	105	1.28
1067050	Drill Core	4.25	0.054	0.6	286.4	357.7	626	4.8	5.8	12.9	1629	7.26	215.5	60.3	3.5	24	21.2	4.0	4.0	76	0.80
1067051	Drill Core	3.77	0.128	0.7	151.8	1529	1223	7.8	4.6	11.0	1514	7.52	194.7	150.4	3.6	20	40.9	5.8	4.6	71	0.45
1067052	Drill Core	6.81	0.009	0.5	16.8	14.0	212	0.3	8.2	14.6	2109	7.13	361.3	17.1	3.7	31	6.0	5.9	0.7	67	0.98
1067053	Drill Core	5.73	0.023	3.3	62.1	23.2	297	0.8	7.0	13.4	2073	7.32	269.1	30.9	3.3	17	11.8	9.3	2.3	34	0.85
1067054	Drill Core	3.95	0.144	1.4	567.9	329.7	342	12.9	10.2	20.2	944	10.35	1629	163.4	2.9	15	18.2	76.5	14.2	28	0.35
1067055	Rock	0.82	<0.005	0.9	2.2	1.4	19	<0.1	1.1	0.8	205	0.44	2.2	1.2	<0.1	39	0.1	0.1	<0.1	<2	20.25
1067056	Drill Core	2.35	0.244	2.0	255.4	90.5	49	5.0	9.2	17.0	53	17.94	1396	235.3	3.5	18	1.2	21.7	42.3	11	0.11
1067057	Drill Core	3.55	0.069	1.3	781.0	52.3	263	3.4	14.6	18.3	1330	6.46	839.7	75.2	6.4	11	15.0	50.3	12.3	46	0.62
1067058	Drill Core	1.53	0.049	1.6	98.6	31.6	170	1.1	11.0	16.2	1605	6.37	191.2	40.1	7.0	23	2.2	13.4	3.9	74	0.90
1067059	Drill Core	4.95	0.014	1.5	14.3	27.4	178	0.4	13.9	20.1	2524	5.01	609.6	17.4	5.3	70	1.2	9.0	1.5	78	2.82
1067060	Drill Core	1.85	0.015	0.9	17.1	113.5	395	1.1	10.5	18.3	4032	4.86	>10000	22.4	4.2	75	6.2	69.8	0.6	51	2.70
1067061	Drill Core	2.56	0.048	1.6	19.6	336.5	542	1.0	5.5	14.5	1688	4.14	304.2	43.4	3.4	103	12.2	7.1	0.4	77	2.01
1067062	Drill Core	2.15	0.075	1.0	18.5	495.9	675	1.6	5.7	15.5	4064	5.54	2437	84.9	2.9	90	17.2	30.0	0.3	36	4.91
1067063	Drill Core	5.53	0.038	1.1	32.9	74.8	202	0.9	8.6	18.9	2711	5.28	831.7	39.6	4.3	52	2.2	15.5	1.7	65	2.24
1067064	Drill Core	5.23	0.007	0.5	7.4	12.1	87	0.2	12.9	15.2	837	3.85	39.6	10.9	6.2	101	0.2	0.8	0.3	102	1.67
1067065	Rock Pulp	0.10	0.386	9.1	126.3	7.5	50	0.2	26.1	35.5	463	3.16	1288	353.6	3.0	73	0.3	2.0	4.5	77	1.27
1067066	Drill Core	2.93	<0.005	1.6	3.4	5.2	75	<0.1	9.3	10.0	839	3.97	23.5	5.2	4.5	91	0.1	0.5	<0.1	97	2.00
1067067	Drill Core	1.47	0.006	2.4	6.3	11.3	107	0.2	8.9	12.9	863	3.86	10.6	11.6	4.5	51	0.3	0.4	0.2	84	1.73
1067068	Drill Core	4.94	0.014	1.3	21.7	79.9	150	0.4	10.9	15.7	566	4.00	25.0	12.5	5.9	102	1.8	0.6	0.1	109	1.38
1067069	Drill Core	6.53	<0.005	1.8	15.6	109.5	160	0.3	15.3	14.5	566	3.32	23.4	6.5	7.3	63	2.6	0.6	<0.1	87	1.10

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Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Pb
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	0.02
1067040	Rock	0.013	<1	<1	12.05	10	<0.001	<1	0.02	0.001	0.01	<0.1	<0.01	<0.1	<0.1	0.07	<1	<0.5	<0.2		
1067041	Rock	0.014	<1	3	12.18	25	0.002	<1	0.08	0.002	0.07	<0.1	0.01	0.2	<0.1	0.24	<1	<0.5	<0.2		
1067042	Drill Core	0.066	8	5	0.51	29	0.002	2	0.77	0.003	0.24	0.1	0.04	5.7	0.5	3.55	2	<0.5	<0.2		
1067043	Drill Core	0.067	13	14	1.49	56	0.014	2	1.98	0.032	0.20	<0.1	0.03	7.5	0.4	1.26	6	<0.5	<0.2		
1067044	Drill Core	0.075	12	14	1.63	56	0.022	2	2.16	0.066	0.29	<0.1	<0.01	6.3	0.4	2.04	7	<0.5	<0.2		
1067045	Rock Pulp	0.053	7	45	0.75	125	0.122	3	1.75	0.193	0.26	0.4	0.01	2.6	<0.1	0.13	5	1.8	0.6		
1067046	Drill Core	0.071	10	16	1.37	133	0.139	<1	2.19	0.193	0.38	<0.1	0.01	6.2	0.4	0.63	6	<0.5	<0.2		
1067047	Drill Core	0.065	12	14	1.65	67	0.079	1	2.34	0.069	0.45	0.1	<0.01	6.0	0.4	1.79	7	<0.5	<0.2		
1067048	Drill Core	0.067	11	14	1.49	61	0.029	2	2.25	0.078	0.33	0.1	0.04	6.3	0.6	1.88	6	0.6	<0.2		
1067049	Drill Core	0.075	11	17	1.05	122	0.130	<1	2.80	0.354	0.39	0.1	<0.01	5.5	0.4	0.62	7	<0.5	<0.2		
1067050	Drill Core	0.072	9	13	1.54	28	0.038	2	2.10	0.047	0.36	0.1	0.01	5.4	0.4	3.61	6	0.8	<0.2		
1067051	Drill Core	0.068	8	8	1.42	19	0.027	<1	2.02	0.043	0.19	0.2	0.02	5.5	0.2	3.82	6	0.8	<0.2		
1067052	Drill Core	0.073	12	10	1.27	41	0.013	2	1.73	0.022	0.25	0.4	0.04	6.0	0.6	2.02	5	<0.5	<0.2		
1067053	Drill Core	0.077	4	6	1.05	43	0.001	3	0.53	0.004	0.26	<0.1	0.02	3.8	0.4	3.49	1	0.9	<0.2		
1067054	Drill Core	0.080	5	6	0.27	22	0.001	3	1.01	0.003	0.31	0.2	0.15	4.4	1.1	9.39	1	4.4	0.6		
1067055	Rock	0.015	<1	<1	10.98	15	<0.001	<1	0.03	0.001	0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1067056	Drill Core	0.063	2	5	0.02	8	<0.001	<1	0.31	0.003	0.19	0.2	0.07	1.0	0.4	>10	1	13.6	2.7		
1067057	Drill Core	0.098	10	14	0.39	12	0.001	1	0.53	0.002	0.15	0.4	0.10	8.3	0.4	3.67	1	2.1	0.4		
1067058	Drill Core	0.086	20	24	0.65	67	0.012	<1	0.95	0.003	0.15	0.4	0.05	13.1	0.2	1.65	3	1.2	<0.2		
1067059	Drill Core	0.085	19	16	1.04	24	<0.001	2	0.47	0.002	0.09	0.2	0.25	12.2	0.4	0.91	2	0.7	<0.2		
1067060	Drill Core	0.079	14	12	0.95	56	<0.001	3	1.08	0.011	0.16	0.1	0.22	10.8	3.3	1.26	3	<0.5	<0.2		
1067061	Drill Core	0.073	8	20	1.60	114	0.028	1	1.48	0.054	0.09	<0.1	0.02	7.5	0.5	0.69	7	<0.5	<0.2		
1067062	Drill Core	0.066	11	7	1.89	23	<0.001	3	0.49	0.002	0.16	0.2	0.17	8.4	2.3	3.08	1	0.5	<0.2		
1067063	Drill Core	0.075	15	13	0.73	37	<0.001	3	0.67	0.003	0.13	0.3	0.12	10.6	0.9	1.59	2	<0.5	<0.2		
1067064	Drill Core	0.080	8	38	1.58	248	0.121	2	2.29	0.203	0.17	<0.1	<0.01	6.7	0.2	0.35	7	<0.5	<0.2		
1067065	Rock Pulp	0.061	7	44	0.73	128	0.115	3	1.58	0.174	0.25	0.4	0.01	2.5	<0.1	0.12	5	2.0	0.8		
1067066	Drill Core	0.083	9	26	1.34	303	0.106	2	2.10	0.168	0.22	<0.1	<0.01	5.9	0.2	0.06	8	<0.5	<0.2		
1067067	Drill Core	0.075	7	22	1.47	202	0.089	2	1.86	0.077	0.11	<0.1	<0.01	4.8	<0.1	0.58	8	<0.5	<0.2		
1067068	Drill Core	0.096	11	28	1.35	224	0.179	2	2.59	0.300	0.36	0.3	<0.01	4.5	0.3	0.45	8	<0.5	<0.2		
1067069	Drill Core	0.073	10	35	1.19	130	0.136	1	1.91	0.172	0.24	0.2	<0.01	3.9	0.2	0.23	6	<0.5	<0.2		

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 26, 2011

CERTIFICATE OF ANALYSIS WHI11001272.1

	Method	7TD	G6Gr	G6Gr
	Analyte	Zn	Ag	Au
	Unit	%	gm/t	gm/t
	MDL	0.01	50	0.9
1067040	Rock			
1067041	Rock			
1067042	Drill Core			
1067043	Drill Core			
1067044	Drill Core			
1067045	Rock Pulp			
1067046	Drill Core			
1067047	Drill Core			
1067048	Drill Core			
1067049	Drill Core			
1067050	Drill Core			
1067051	Drill Core			
1067052	Drill Core			
1067053	Drill Core			
1067054	Drill Core			
1067055	Rock			
1067056	Drill Core			
1067057	Drill Core			
1067058	Drill Core			
1067059	Drill Core			
1067060	Drill Core			
1067061	Drill Core			
1067062	Drill Core			
1067063	Drill Core			
1067064	Drill Core			
1067065	Rock Pulp			
1067066	Drill Core			
1067067	Drill Core			
1067068	Drill Core			
1067069	Drill Core			

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CERTIFICATE OF ANALYSIS WHI11001272.1

	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
1067070	Drill Core	4.74	<0.005	1.0	17.2	13.5	94	0.1	16.2	17.7	716	3.90	11.3	8.4	6.6	93	0.3	0.5	0.1	111	1.52
1067071	Drill Core	4.99	<0.005	0.9	9.1	8.9	59	<0.1	5.3	9.5	608	3.53	7.6	5.7	4.1	82	0.2	0.7	<0.1	98	1.51
1067072	Drill Core	3.28	0.018	0.5	20.1	19.2	103	0.2	7.3	12.5	973	4.47	16.9	16.3	3.9	63	0.2	1.1	0.1	113	2.00
1067073	Drill Core	3.98	0.007	1.0	2.7	4.2	49	<0.1	7.5	14.6	521	3.98	6.8	5.9	3.9	101	0.1	0.8	<0.1	127	1.42
1067074	Drill Core	3.47	<0.005	0.4	1.9	4.3	76	<0.1	5.4	8.4	892	4.45	8.0	2.0	3.5	36	0.3	1.0	<0.1	87	2.07
1067075	Drill Core	2.12	<0.005	0.4	2.4	3.2	70	<0.1	5.4	8.0	851	4.11	7.1	3.0	3.3	34	0.2	0.9	<0.1	82	1.97
1067076	Drill Core	3.89	0.010	0.5	1.3	7.2	92	0.2	5.0	9.7	1000	4.29	17.1	385.7	3.0	27	0.3	1.0	<0.1	64	2.04
1067077	Drill Core	6.16	0.013	0.5	6.6	181.4	149	0.6	5.2	12.8	689	4.02	22.1	20.1	3.1	45	2.4	1.6	0.6	93	1.60
1067078	Drill Core	7.26	0.028	0.7	18.1	16.4	101	0.4	7.2	13.1	834	4.04	14.5	32.6	4.4	87	1.0	1.1	0.2	119	1.91
1067079	Drill Core	1.65	0.027	0.7	9.9	32.4	135	0.3	8.2	17.6	1071	4.29	15.1	20.9	4.5	49	0.6	0.6	0.2	107	1.60
1067080	Drill Core	2.93	0.009	0.5	6.6	11.6	86	0.1	6.1	12.9	803	3.67	5.0	10.5	3.4	65	0.3	0.5	<0.1	107	1.46
1067081	Drill Core	4.57	0.006	0.6	7.8	8.9	76	0.1	4.8	14.7	922	3.25	6.6	7.1	3.8	75	0.5	0.5	0.1	62	2.82
1067082	Drill Core	5.46	<0.005	0.5	4.0	7.9	81	<0.1	4.7	13.1	898	3.68	4.4	3.5	3.2	52	0.3	0.8	<0.1	86	1.67
1067083	Drill Core	5.50	<0.005	0.8	7.5	10.2	92	0.1	6.1	15.5	922	3.83	4.1	5.9	4.1	73	0.2	0.5	0.1	102	1.66
1067084	Drill Core	4.82	0.008	0.5	5.5	9.1	84	<0.1	6.1	15.0	899	3.90	3.2	6.6	3.7	108	<0.1	0.3	<0.1	121	2.13
1067085	Rock Pulp	0.10	>10	7.9	112.4	17.1	56	>100	14.7	11.3	594	3.69	241.5	12551	3.1	73	0.4	8.9	18.8	74	1.61
1067086	Drill Core	5.24	0.015	0.5	19.9	7.9	73	0.2	6.8	17.9	917	4.11	6.8	26.6	4.0	103	0.1	0.7	0.2	98	2.21
1067087	Drill Core	4.36	0.009	0.6	17.0	21.5	316	0.2	6.9	21.1	2119	5.35	46.6	10.8	4.3	33	8.1	1.9	0.2	69	1.52
1067088	Drill Core	5.90	0.007	0.4	5.5	7.4	95	0.2	6.3	15.4	1044	4.18	4.2	8.7	3.2	78	0.2	0.7	0.2	85	2.33

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 26, 2011

CERTIFICATE OF ANALYSIS WHI11001272.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	7TD
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Pb
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	0.02
1067070 Drill Core	0.076	9	44	1.55	100	0.189	2	2.55	0.238	0.19	0.2	<0.01	6.4	<0.1	0.43	8	<0.5	<0.2		
1067071 Drill Core	0.065	7	14	1.21	138	0.158	1	2.21	0.207	0.22	0.1	<0.01	4.7	0.1	<0.05	7	<0.5	<0.2		
1067072 Drill Core	0.072	6	15	1.88	102	0.167	1	2.69	0.146	0.19	0.1	<0.01	7.4	0.1	0.29	8	<0.5	<0.2		
1067073 Drill Core	0.077	7	15	1.37	295	0.241	1	2.65	0.251	0.64	0.2	<0.01	4.8	0.4	<0.05	8	<0.5	<0.2		
1067074 Drill Core	0.059	7	11	1.46	71	0.080	1	2.17	0.077	0.21	0.1	<0.01	5.8	0.1	0.05	6	<0.5	<0.2		
1067075 Drill Core	0.058	7	11	1.36	62	0.084	1	2.02	0.067	0.19	<0.1	<0.01	5.7	0.1	<0.05	6	<0.5	<0.2		
1067076 Drill Core	0.055	9	9	1.31	49	0.014	2	1.97	0.049	0.22	<0.1	<0.01	5.2	0.1	0.65	6	<0.5	<0.2		
1067077 Drill Core	0.057	6	12	1.31	91	0.130	1	1.89	0.102	0.24	0.1	<0.01	5.6	0.2	0.93	6	<0.5	<0.2		
1067078 Drill Core	0.078	8	20	1.49	204	0.185	1	2.71	0.196	0.44	0.1	<0.01	7.1	0.3	0.45	8	<0.5	<0.2		
1067079 Drill Core	0.080	8	20	1.83	81	0.113	2	2.58	0.120	0.21	<0.1	<0.01	7.7	0.2	1.03	8	1.0	<0.2		
1067080 Drill Core	0.061	7	13	1.57	157	0.171	1	2.45	0.157	0.31	<0.1	<0.01	7.1	0.2	0.64	8	0.7	<0.2		
1067081 Drill Core	0.054	11	9	1.24	72	0.029	1	1.68	0.076	0.11	<0.1	0.01	6.2	<0.1	1.28	6	0.8	<0.2		
1067082 Drill Core	0.054	6	11	1.51	73	0.095	1	2.20	0.138	0.17	<0.1	<0.01	5.7	0.1	0.79	7	<0.5	<0.2		
1067083 Drill Core	0.067	7	12	1.67	107	0.153	1	2.71	0.187	0.18	<0.1	<0.01	6.5	0.1	0.93	8	<0.5	<0.2		
1067084 Drill Core	0.070	7	17	1.83	216	0.156	1	3.35	0.286	0.37	<0.1	<0.01	7.9	0.3	0.52	9	<0.5	<0.2		
1067085 Rock Pulp	0.056	7	25	0.72	119	0.126	4	1.72	0.187	0.22	4.3	0.48	2.7	<0.1	0.18	5	5.4	2.6		
1067086 Drill Core	0.072	9	13	1.43	145	0.071	<1	2.83	0.266	0.18	<0.1	<0.01	7.9	0.2	0.85	8	0.7	<0.2		
1067087 Drill Core	0.074	15	7	0.50	70	0.013	1	1.01	0.003	0.17	0.3	0.51	10.2	0.2	0.95	3	<0.5	<0.2		
1067088 Drill Core	0.063	10	13	1.64	141	0.056	2	2.34	0.114	0.23	<0.1	<0.01	6.5	0.2	0.78	7	<0.5	<0.2		

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CERTIFICATE OF ANALYSIS WHI11001272.1

Method		7TD	G6Gr	G6Gr
Analyte		Zn	Ag	Au
Unit		%	gm/t	gm/t
MDL		0.01	50	0.9
1067070	Drill Core			
1067071	Drill Core			
1067072	Drill Core			
1067073	Drill Core			
1067074	Drill Core			
1067075	Drill Core			
1067076	Drill Core			
1067077	Drill Core			
1067078	Drill Core			
1067079	Drill Core			
1067080	Drill Core			
1067081	Drill Core			
1067082	Drill Core			
1067083	Drill Core			
1067084	Drill Core			
1067085	Rock Pulp		173	11.8
1067086	Drill Core			
1067087	Drill Core			
1067088	Drill Core			

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QUALITY CONTROL REPORT WHI11001272.1

	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																					
1066744	Drill Core	5.09	0.040	9.7	98.9	103.1	251	1.1	20.5	29.8	1546	4.94	81.2	43.4	7.1	33	7.0	8.3	1.2	79	1.34
REP 1066744	QC		0.039																		
1066747	Drill Core	4.10	0.025	4.5	73.0	10.5	101	0.4	16.4	21.9	673	4.12	20.4	20.0	6.6	93	1.8	1.0	0.1	110	1.41
REP 1066747	QC			4.3	72.1	10.4	101	0.3	16.3	21.5	673	4.04	19.8	21.8	6.7	94	1.9	1.0	0.1	108	1.39
1066762	Drill Core	2.81	<0.005	<0.1	11.2	7.1	291	0.1	9.7	17.2	2187	5.88	48.8	3.8	3.9	19	3.4	2.4	0.1	76	0.54
REP 1066762	QC			<0.1	10.8	6.9	283	0.2	9.4	17.2	2110	5.69	48.3	3.1	4.0	19	3.3	2.3	0.1	74	0.53
1066764	Drill Core	4.04	<0.005	0.2	18.4	4.9	107	<0.1	10.2	12.7	992	3.83	10.3	<0.5	4.6	92	0.5	1.6	<0.1	89	1.56
REP 1066764	QC		<0.005																		
1066773	Drill Core	2.30	0.098	0.3	643.4	5598	1841	24.3	3.8	7.5	94	6.10	309.9	110.8	2.6	12	111.4	102.3	7.4	16	0.13
REP 1066773	QC			0.4	629.5	5372	1779	23.3	3.9	7.1	93	5.93	298.8	104.2	2.5	12	109.5	98.5	7.2	15	0.13
1067005	Rock Pulp	0.10	0.380	9.3	130.7	6.4	46	0.2	25.7	33.7	451	3.03	1212	359.6	2.7	63	0.3	1.7	3.8	74	1.26
REP 1067005	QC			9.7	133.6	6.9	47	0.2	25.3	34.7	479	3.17	1261	384.1	2.8	66	0.2	1.8	4.1	77	1.31
1067024	Drill Core	2.86	0.006	0.6	106.7	7.1	584	<0.1	6.0	21.8	780	6.40	186.6	11.9	3.5	11	10.0	2.9	0.3	61	0.19
REP 1067024	QC			0.6	105.7	7.0	590	0.1	6.2	22.4	791	6.49	190.2	14.4	3.6	11	10.2	3.1	0.3	62	0.19
1067038	Drill Core	5.69	0.472	0.5	171.4	1752	1230	9.7	7.3	13.9	789	8.02	1986	428.1	2.9	9	36.6	49.3	6.3	22	0.17
REP 1067038	QC		0.466																		
1067041	Rock	0.79	<0.005	<0.1	1.4	3.1	14	<0.1	3.5	1.2	157	0.47	2.0	2.7	<0.1	36	0.2	0.1	0.1	3	16.21
REP 1067041	QC			<0.1	1.2	2.9	14	<0.1	3.0	1.1	150	0.46	2.0	2.6	<0.1	34	0.1	0.1	0.1	3	14.77
1067046	Drill Core	2.83	<0.005	1.0	18.2	3.5	172	<0.1	5.9	13.0	824	4.02	13.0	13.2	4.0	62	4.8	0.6	0.2	104	1.00
REP 1067046	QC		<0.005																		
1067054	Drill Core	3.95	0.144	1.4	567.9	329.7	342	12.9	10.2	20.2	944	10.35	1629	163.4	2.9	15	18.2	76.5	14.2	28	0.35
REP 1067054	QC			1.3	555.8	316.2	331	12.6	9.9	19.1	946	9.91	1595	150.8	2.9	14	18.4	74.0	13.6	27	0.33
1067080	Drill Core	2.93	0.009	0.5	6.6	11.6	86	0.1	6.1	12.9	803	3.67	5.0	10.5	3.4	65	0.3	0.5	<0.1	107	1.46
REP 1067080	QC			0.6	6.6	11.7	87	0.1	5.6	12.1	757	3.57	5.0	5.2	3.3	59	0.3	0.5	0.1	102	1.42
Core Reject Duplicates																					
1066761	Drill Core	3.82	<0.005	<0.1	1.8	5.6	175	0.1	7.9	13.3	1774	4.74	18.2	1.0	4.0	53	0.9	1.4	0.1	72	1.75
DUP 1066761	QC		<0.005	<0.1	1.9	5.7	176	0.1	7.5	13.1	1739	4.72	17.5	1.8	3.9	54	0.9	1.4	0.1	73	1.73
1067013	Drill Core	3.70	<0.005	0.6	1.8	9.8	100	0.1	4.3	11.5	1185	3.52	4.0	0.9	2.8	40	0.6	0.7	0.1	90	2.00

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 26, 2011

QUALITY CONTROL REPORT WHI11001272.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Pb
	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	0.02
Pulp Duplicates																					
1066744	Drill Core	0.091	22	18	0.72	100	0.056	1	1.05	0.008	0.33	0.2	0.07	11.2	0.3	1.29	3	0.7	<0.2		
REP 1066744	QC																				
1066747	Drill Core	0.088	12	36	1.01	131	0.124	1	2.27	0.221	0.23	0.7	0.01	7.6	0.2	0.38	7	<0.5	<0.2		
REP 1066747	QC	0.088	12	35	1.01	130	0.124	<1	2.25	0.221	0.22	0.6	<0.01	7.6	0.2	0.37	7	<0.5	<0.2		
1066762	Drill Core	0.078	16	21	1.95	139	0.003	2	2.17	0.037	0.13	<0.1	<0.01	11.3	0.2	<0.05	8	<0.5	<0.2		
REP 1066762	QC	0.078	16	21	1.87	134	0.003	1	2.08	0.035	0.13	<0.1	<0.01	11.0	0.1	<0.05	8	<0.5	<0.2		
1066764	Drill Core	0.074	10	23	1.49	884	0.104	<1	1.89	0.114	0.25	17.9	<0.01	8.4	0.2	<0.05	7	<0.5	<0.2		
REP 1066764	QC																				
1066773	Drill Core	0.056	4	4	0.06	10	<0.001	2	0.52	0.003	0.22	0.1	0.09	2.9	0.3	4.82	1	1.9	0.4		
REP 1066773	QC	0.053	4	4	0.06	10	<0.001	2	0.51	0.003	0.21	<0.1	0.09	2.8	0.3	4.74	1	1.6	0.4		
1067005	Rock Pulp	0.054	6	44	0.72	117	0.113	3	1.59	0.165	0.24	0.4	<0.01	2.4	<0.1	0.14	5	1.5	0.7		
REP 1067005	QC	0.057	6	45	0.76	124	0.117	2	1.69	0.179	0.26	0.4	<0.01	2.5	<0.1	0.15	5	1.8	0.8		
1067024	Drill Core	0.067	17	5	0.61	77	0.002	<1	1.93	0.005	0.15	0.4	0.05	5.5	0.2	0.41	4	<0.5	<0.2		
REP 1067024	QC	0.068	17	5	0.62	79	0.002	1	1.97	0.005	0.15	0.4	0.06	5.5	0.2	0.41	4	0.6	<0.2		
1067038	Drill Core	0.069	5	3	0.14	16	0.001	3	0.72	0.002	0.30	0.2	0.03	3.5	0.5	6.41	2	1.9	<0.2		
REP 1067038	QC																				
1067041	Rock	0.014	<1	3	12.18	25	0.002	<1	0.08	0.002	0.07	<0.1	0.01	0.2	<0.1	0.24	<1	<0.5	<0.2		
REP 1067041	QC	0.013	<1	3	11.06	23	0.002	<1	0.08	0.002	0.06	<0.1	0.01	0.2	<0.1	0.23	<1	<0.5	<0.2		
1067046	Drill Core	0.071	10	16	1.37	133	0.139	<1	2.19	0.193	0.38	<0.1	0.01	6.2	0.4	0.63	6	<0.5	<0.2		
REP 1067046	QC																				
1067054	Drill Core	0.080	5	6	0.27	22	0.001	3	1.01	0.003	0.31	0.2	0.15	4.4	1.1	9.39	1	4.4	0.6		
REP 1067054	QC	0.077	5	6	0.27	22	0.001	3	1.01	0.003	0.31	0.2	0.15	4.2	1.1	9.14	1	4.4	0.7		
1067080	Drill Core	0.061	7	13	1.57	157	0.171	1	2.45	0.157	0.31	<0.1	<0.01	7.1	0.2	0.64	8	0.7	<0.2		
REP 1067080	QC	0.060	6	13	1.55	156	0.168	<1	2.37	0.149	0.30	0.1	<0.01	6.8	0.2	0.63	7	0.8	<0.2		
Core Reject Duplicates																					
1066761	Drill Core	0.079	17	19	1.91	331	0.002	2	1.80	0.033	0.16	<0.1	0.02	10.4	0.2	<0.05	7	<0.5	<0.2		
DUP 1066761	QC	0.078	17	19	1.91	337	0.002	2	1.81	0.037	0.17	<0.1	0.01	10.3	0.2	<0.05	7	<0.5	<0.2		
1067013	Drill Core	0.061	5	18	1.37	32	0.062	1	1.74	0.064	0.07	<0.1	<0.01	5.3	<0.1	0.23	7	<0.5	<0.2		

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Report Date: October 26, 2011

QUALITY CONTROL REPORT WHI11001272.1

		Method	7TD	G6Gr	G6Gr
		Analyte	Zn	Ag	Au
		Unit	%	gm/t	gm/t
		MDL	0.01	50	0.9
Pulp Duplicates					
1066744	Drill Core				
REP 1066744	QC				
1066747	Drill Core				
REP 1066747	QC				
1066762	Drill Core				
REP 1066762	QC				
1066764	Drill Core				
REP 1066764	QC				
1066773	Drill Core				
REP 1066773	QC				
1067005	Rock Pulp				
REP 1067005	QC				
1067024	Drill Core				
REP 1067024	QC				
1067038	Drill Core				
REP 1067038	QC				
1067041	Rock				
REP 1067041	QC				
1067046	Drill Core				
REP 1067046	QC				
1067054	Drill Core				
REP 1067054	QC				
1067080	Drill Core				
REP 1067080	QC				
Core Reject Duplicates					
1066761	Drill Core				
DUP 1066761	QC				
1067013	Drill Core				

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		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
DUP 1067013	QC		<0.005	0.7	1.8	10.8	108	<0.1	4.1	12.4	1256	3.79	4.3	1.3	3.1	43	0.5	0.7	0.1	98	2.06
1067048	Drill Core	4.56	<0.005	0.5	46.9	151.2	401	1.4	7.2	13.6	1676	6.05	66.4	11.4	3.6	33	12.7	2.3	1.7	79	0.70
DUP 1067048	QC		0.005	0.7	46.3	166.6	406	1.5	6.6	13.6	1683	6.09	70.1	11.0	3.6	32	13.5	2.3	1.9	79	0.69
1067083	Drill Core	5.50	<0.005	0.8	7.5	10.2	92	0.1	6.1	15.5	922	3.83	4.1	5.9	4.1	73	0.2	0.5	0.1	102	1.66
DUP 1067083	QC		<0.005	0.8	7.8	10.5	92	0.1	6.4	16.0	957	3.98	4.3	6.2	4.3	77	0.2	0.5	0.2	105	1.76
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			13.4	111.6	131.0	312	1.7	40.0	8.2	623	2.59	23.8	108.7	6.4	66	2.2	5.3	6.5	43	0.72
STD DS8	Standard			13.1	104.8	125.4	306	1.7	37.2	8.0	618	2.54	26.7	112.6	7.2	68	2.4	5.7	7.2	43	0.71
STD DS8	Standard			13.5	108.5	114.0	294	1.8	37.3	7.2	595	2.42	24.4	103.0	6.8	64	2.3	5.5	6.4	41	0.70
STD DS8	Standard			13.2	110.1	120.5	299	1.7	37.0	7.3	584	2.39	24.3	112.8	6.3	57	2.3	4.9	5.8	41	0.67
STD DS8	Standard			13.6	107.6	127.8	311	1.8	39.5	8.0	621	2.48	25.9	120.6	6.6	61	2.2	5.4	6.5	42	0.73
STD DS8	Standard			13.5	106.6	105.0	316	1.9	37.3	7.3	618	2.49	24.6	81.6	6.5	64	2.6	5.3	6.5	42	0.70
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OXH82	Standard		1.363																		
STD OXH82	Standard		1.318																		
STD OXH82	Standard		1.217																		
STD OXH82	Standard		1.293																		
STD OXH82	Standard		1.300																		
STD OXH82	Standard		1.278																		
STD OXH82	Standard		1.287																		
STD OXH82	Standard		1.367																		
STD OXH82	Standard		1.288																		
STD OXK79	Standard		3.812																		
STD OXK79	Standard		3.547																		

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QUALITY CONTROL REPORT WHI11001272.1

		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	7TD Pb % 0.02
DUP 1067013	QC	0.065	5	19	1.48	37	0.065	1	1.85	0.068	0.08	<0.1	<0.01	5.6	<0.1	0.24	7	<0.5	<0.2		
1067048	Drill Core	0.067	11	14	1.49	61	0.029	2	2.25	0.078	0.33	0.1	0.04	6.3	0.6	1.88	6	0.6	<0.2		
DUP 1067048	QC	0.066	12	13	1.49	58	0.030	2	2.26	0.076	0.33	<0.1	0.04	6.4	0.6	1.94	6	0.5	<0.2		
1067083	Drill Core	0.067	7	12	1.67	107	0.153	1	2.71	0.187	0.18	<0.1	<0.01	6.5	0.1	0.93	8	<0.5	<0.2		
DUP 1067083	QC	0.070	7	13	1.69	105	0.154	1	2.77	0.197	0.19	0.1	<0.01	6.7	0.1	0.96	8	<0.5	<0.2		
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard	0.084	15	123	0.62	287	0.119	2	0.95	0.091	0.42	3.1	0.19	2.4	5.7	0.17	5	5.3	5.1		
STD DS8	Standard	0.090	16	116	0.61	302	0.118	3	0.93	0.091	0.41	3.0	0.19	2.2	5.6	0.16	5	5.1	5.1		
STD DS8	Standard	0.072	16	113	0.60	263	0.115	3	0.90	0.086	0.40	2.9	0.20	2.1	5.0	0.16	5	4.5	4.6		
STD DS8	Standard	0.077	14	112	0.61	267	0.109	3	0.89	0.083	0.39	3.0	0.16	2.0	5.3	0.16	4	5.1	5.0		
STD DS8	Standard	0.088	16	118	0.64	290	0.113	2	0.96	0.089	0.42	3.0	0.20	2.1	5.7	0.16	5	5.4	5.7		
STD DS8	Standard	0.077	15	118	0.61	277	0.113	3	0.92	0.088	0.40	3.0	0.24	2.0	5.8	0.16	5	4.9	4.4		
STD OREAS131B	Standard																			0.021	1.79
STD OREAS153A	Standard																			0.715	<0.02
STD OREAS131B	Standard																			0.020	1.75
STD OREAS153A	Standard																			0.702	<0.02
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 OXK79	Standard																				
STD OXK79	Standard																				

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QUALITY CONTROL REPORT WHI11001272.1

		7TD Zn % 0.01	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
DUP 1067013	QC			
1067048	Drill Core			
DUP 1067048	QC			
1067083	Drill Core			
DUP 1067083	QC			
Reference Materials				
STD AGPROOF	Standard		93	<0.9
STD CDN-ME-3	Standard		275	10.3
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD OREAS131B	Standard	3.17		
STD OREAS153A	Standard	<0.01		
STD OREAS131B	Standard	3.05		
STD OREAS153A	Standard	<0.01		
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 OXK79	Standard			
STD OXK79	Standard			

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		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 OXK79	Standard		3.603																		
STD OXK79	Standard		3.592																		
STD OXK79	Standard		3.552																		
STD OXK79	Standard		3.780																		
STD OXK79	Standard		3.702																		
STD OXK79	Standard		3.479																		
STD SU-1B	Standard																				
STD SU-1B	Standard																				
STD CDN-ME-3 Expected																					
STD AGPROOF Expected																					
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
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
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	2.4	<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		<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

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

Project: Charlotte Project
Report Date: October 26, 2011

QUALITY CONTROL REPORT WHI11001272.1

		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	7TD Pb % 0.02
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD SU-1B	Standard																			1.199	<0.02
STD SU-1B	Standard																			1.153	<0.02
STD CDN-ME-3 Expected																					
STD AGPROOF Expected																					
STD OREAS131B Expected																				0.0216	1.86
STD SU-1B Expected																				1.185	0.0058
STD OREAS153A Expected																				0.712	
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		
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																				
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		

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PO Box 11604
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Project: Charlotte Project
Report Date: October 26, 2011

QUALITY CONTROL REPORT WHI11001272.1

		7TD Zn % 0.01	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD OXK79	Standard			
STD SU-1B	Standard	0.03		
STD SU-1B	Standard	0.03		
STD CDN-ME-3 Expected			276	9.77
STD AGPROOF Expected			94	0
STD OREAS131B Expected		3.14		
STD SU-1B Expected		0.0235		
STD OREAS153A Expected		0.0053		
STD OXH82 Expected				
STD OXK79 Expected				
STD DS8 Expected				
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
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BLK	Blank			
BLK	Blank			

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QUALITY CONTROL REPORT WHI11001272.1

		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	0.7	<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																				
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
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																				
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
Prep Wash																					
G1	Prep Blank		<0.005	<0.1	1.8	2.9	48	<0.1	3.4	3.9	552	1.94	<0.5	1.6	5.0	60	<0.1	<0.1	<0.1	36	0.45
G1	Prep Blank		<0.005	<0.1	1.7	2.6	49	<0.1	3.5	4.2	583	2.00	<0.5	<0.5	5.0	53	<0.1	<0.1	<0.1	38	0.45

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Report Date: October 26, 2011

QUALITY CONTROL REPORT WHI11001272.1

		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	7TD Pb % 0.02
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																				
BLK	Blank																				
BLK	Blank																			<0.001	<0.02
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	<0.02
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.080	9	6	0.56	219	0.118	1	1.04	0.106	0.51	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.080	10	7	0.57	227	0.123	<1	1.03	0.091	0.51	<0.1	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2		

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QUALITY CONTROL REPORT WHI11001272.1

		7TD Zn % 0.01	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank		<50	<0.9
BLK	Blank		<50	<0.9
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.01		
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.01		
BLK	Blank			
BLK	Blank			
Prep Wash				
G1	Prep Blank			
G1	Prep Blank			

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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: August 25, 2011
Report Date: November 14, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI11001280.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-030
P.O. Number
Number of Samples: 142

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	135	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	142	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	142	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	8	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN
7TD	6	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

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: November 14, 2011

CERTIFICATE OF ANALYSIS WHI11001280.1

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
1067089	Drill Core	3.95	<0.005	0.3	2.8	5.7	47	<0.1	3.8	4.6	641	1.64	5.5	4.6	7.0	55	0.4	1.1	<0.1	17	1.72
1067090	Drill Core	2.73	<0.005	0.2	9.8	14.1	315	<0.1	7.4	16.9	744	6.42	103.1	3.7	3.4	40	2.1	5.0	0.1	79	0.64
1067091	Drill Core	2.98	0.012	0.5	31.7	31.9	266	0.2	6.6	17.7	878	5.30	91.3	14.7	2.6	94	1.5	3.1	0.2	73	1.12
1067092	Drill Core	4.00	0.079	0.5	19.4	43.3	758	0.9	4.9	16.5	3370	5.19	567.8	67.1	2.9	29	12.2	11.2	0.1	44	1.58
1067093	Drill Core	5.99	0.014	0.6	8.2	6.3	53	<0.1	5.3	15.3	1075	3.76	14.4	11.1	2.9	131	0.1	1.7	0.1	79	2.59
1067094	Drill Core	5.95	<0.005	0.7	8.6	5.0	61	<0.1	5.5	13.6	735	3.54	6.4	5.3	3.0	95	0.2	1.2	<0.1	96	1.94
1067095	Rock	0.87	<0.005	<0.1	1.1	0.9	13	<0.1	0.9	0.3	205	0.43	<0.5	0.6	<0.1	43	<0.1	<0.1	<0.1	<2	21.65
1067096	Drill Core	3.03	0.039	0.9	7.2	4.0	63	0.1	7.1	15.9	1333	3.91	9.9	14.8	3.8	93	0.1	3.2	0.2	83	4.14
1067097	Drill Core	5.54	0.025	0.6	11.1	5.0	49	0.1	6.9	20.4	621	3.95	4.9	21.3	3.3	68	<0.1	2.2	0.1	95	1.71
1067098	Drill Core	4.27	0.010	0.7	6.0	4.7	88	<0.1	7.7	16.2	585	4.76	7.5	16.1	4.1	97	0.5	2.7	<0.1	107	1.54
1067099	Drill Core	2.14	0.027	0.7	5.3	14.2	170	0.2	6.0	18.1	2298	4.56	109.0	23.1	4.5	48	4.5	5.5	<0.1	66	2.36
1067100	Drill Core	3.08	0.016	0.6	7.0	9.9	123	0.1	5.4	16.5	1610	4.50	37.8	16.7	4.2	46	1.7	4.1	<0.1	72	2.02
1067101	Drill Core	4.75	0.012	0.4	17.6	8.4	111	0.1	7.6	17.6	1586	4.08	20.4	12.5	5.1	45	1.9	4.2	<0.1	60	1.79
1067102	Drill Core	3.01	0.017	0.4	13.3	6.3	61	<0.1	6.4	16.3	1263	4.31	8.4	17.9	3.9	111	0.2	6.6	<0.1	82	2.99
1067103	Drill Core	3.74	0.017	0.4	14.3	6.1	44	0.1	5.2	15.4	1031	3.15	17.7	17.6	4.1	66	0.2	4.3	<0.1	47	2.68
1067104	Drill Core	4.22	<0.005	0.3	2.7	3.1	36	<0.1	3.9	10.6	569	3.30	2.9	3.2	3.2	105	<0.1	0.7	<0.1	81	1.79
1067105	Core Pulp	0.28	0.407	9.4	134.9	7.7	52	0.2	26.5	35.3	489	3.24	1358	396.0	3.0	77	0.3	2.0	4.5	76	1.30
1067106	Drill Core	4.35	0.014	0.4	8.4	5.9	55	0.1	6.3	16.3	600	4.08	10.8	16.7	3.6	108	0.4	2.3	0.1	88	1.81
1067107	Drill Core	3.46	0.010	0.5	9.1	6.7	88	0.1	6.1	16.9	1314	4.14	43.6	7.1	4.0	70	1.5	3.8	<0.1	62	2.19
1067108	Drill Core	3.06	0.014	0.5	8.0	10.0	80	0.2	6.1	17.0	1844	3.89	38.3	13.1	5.2	67	0.3	4.9	<0.1	46	2.54
1067109	Drill Core	4.10	0.012	0.6	9.8	10.5	137	0.1	6.6	16.7	1963	4.77	77.6	12.8	5.6	34	1.1	4.1	0.1	50	1.16
1067110	Drill Core	2.76	0.007	0.4	10.8	7.9	118	<0.1	5.7	15.9	1143	4.53	39.9	7.9	4.9	51	0.8	5.0	<0.1	71	1.54
1067111	Drill Core	2.90	0.009	0.4	11.5	5.6	54	<0.1	5.8	13.8	879	3.99	4.4	9.3	3.9	163	0.1	3.5	<0.1	98	4.16
1067112	Drill Core	2.17	0.010	0.5	53.8	4.0	384	0.2	53.9	20.9	1449	2.92	10.5	12.3	1.2	18	2.2	2.1	1.1	82	0.72
1067113	Drill Core	1.93	<0.005	0.2	37.0	2.1	154	0.1	46.5	11.2	554	2.09	10.0	3.6	1.1	19	0.6	0.9	0.3	65	0.95
1067114	Drill Core	2.33	<0.005	0.2	33.1	2.5	106	0.2	48.3	9.5	391	1.61	6.6	2.8	0.7	13	0.5	0.5	0.6	48	0.89
1067115	Drill Core	1.17	<0.005	0.2	22.8	2.1	102	<0.1	50.0	9.9	403	1.70	6.5	2.7	0.9	10	0.3	0.5	0.6	57	0.93
1067116	Drill Core	1.91	<0.005	<0.1	26.4	1.8	111	0.1	56.1	10.9	388	1.92	3.0	2.2	1.5	7	0.2	0.4	0.4	64	0.98
1067117	Drill Core	4.23	<0.005	0.3	58.8	6.7	148	<0.1	11.5	12.6	526	3.42	12.4	2.7	0.9	12	1.1	1.4	0.5	136	1.04
1067118	Drill Core	3.46	<0.005	0.3	32.0	3.2	94	<0.1	5.7	10.2	432	2.68	6.0	1.9	1.3	17	0.6	0.9	0.3	94	0.90

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Project: Charlotte Project
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CERTIFICATE OF ANALYSIS WHI11001280.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1067089	Drill Core	0.045	20	6	0.85	627	0.004	<1	0.97	0.040	0.15	<0.1	<0.01	1.6	0.2	0.12	4	<0.5	<0.2		
1067090	Drill Core	0.050	9	10	0.97	232	0.079	<1	2.61	0.052	0.45	<0.1	0.02	5.6	0.5	<0.05	7	<0.5	<0.2		
1067091	Drill Core	0.047	7	8	0.87	189	0.089	1	2.62	0.215	0.38	<0.1	<0.01	5.2	0.4	0.42	6	<0.5	<0.2		
1067092	Drill Core	0.050	11	4	0.50	56	0.003	2	0.71	0.010	0.20	0.5	0.06	6.8	0.6	1.12	2	<0.5	<0.2		
1067093	Drill Core	0.053	7	8	1.19	181	0.110	1	2.39	0.228	0.45	<0.1	<0.01	6.3	0.6	0.50	6	<0.5	<0.2		
1067094	Drill Core	0.052	7	11	1.47	395	0.131	2	2.53	0.169	0.55	<0.1	<0.01	6.4	0.4	0.25	7	<0.5	<0.2		
1067095	Rock	0.015	<1	<1	11.55	13	<0.001	<1	0.03	0.002	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1067096	Drill Core	0.074	11	13	1.19	193	0.071	1	2.35	0.078	0.35	0.1	0.02	5.4	0.5	0.62	6	<0.5	<0.2		
1067097	Drill Core	0.070	7	15	1.19	69	0.133	<1	1.88	0.119	0.36	<0.1	<0.01	5.3	0.4	1.03	6	<0.5	<0.2		
1067098	Drill Core	0.079	9	18	1.06	122	0.121	<1	2.47	0.207	0.30	<0.1	<0.01	6.0	0.5	0.71	7	<0.5	<0.2		
1067099	Drill Core	0.080	16	8	0.78	74	0.008	2	0.75	0.004	0.19	0.2	0.15	8.9	0.4	0.85	2	<0.5	<0.2		
1067100	Drill Core	0.068	14	7	0.80	95	0.024	1	0.86	0.003	0.21	0.2	0.20	9.8	1.0	0.87	2	<0.5	<0.2		
1067101	Drill Core	0.078	18	6	0.66	68	0.015	<1	0.84	0.002	0.20	0.2	0.17	8.7	0.8	0.25	2	<0.5	<0.2		
1067102	Drill Core	0.066	13	12	1.20	305	0.081	1	2.21	0.115	0.51	<0.1	0.03	10.2	1.4	0.41	6	<0.5	<0.2		
1067103	Drill Core	0.062	14	5	0.77	292	0.021	1	0.93	0.019	0.26	0.3	0.03	7.2	0.6	0.53	2	<0.5	<0.2		
1067104	Drill Core	0.052	7	9	1.02	329	0.119	1	2.18	0.204	0.33	<0.1	<0.01	5.1	0.4	0.06	6	<0.5	<0.2		
1067105	Core Pulp	0.055	7	46	0.76	128	0.120	2	1.64	0.172	0.26	0.4	<0.01	2.4	<0.1	0.13	5	1.8	0.5		
1067106	Drill Core	0.061	9	10	1.18	270	0.117	<1	2.48	0.168	0.41	<0.1	0.01	6.4	0.5	0.51	7	<0.5	<0.2		
1067107	Drill Core	0.064	15	7	0.83	143	0.044	2	1.47	0.050	0.35	0.1	0.03	6.5	0.5	0.27	4	<0.5	<0.2		
1067108	Drill Core	0.077	16	5	0.94	52	0.005	2	0.79	0.004	0.24	0.1	0.04	6.2	0.7	0.60	2	<0.5	<0.2		
1067109	Drill Core	0.062	18	6	0.57	101	0.015	1	1.20	0.006	0.25	0.1	0.07	6.5	0.5	0.39	3	<0.5	<0.2		
1067110	Drill Core	0.061	15	8	0.70	143	0.051	1	1.69	0.038	0.33	0.2	0.02	6.5	0.4	0.15	5	<0.5	<0.2		
1067111	Drill Core	0.067	9	12	1.52	243	0.142	<1	2.22	0.116	0.54	<0.1	<0.01	7.6	0.4	0.13	6	<0.5	<0.2		
1067112	Drill Core	0.075	4	102	1.32	233	0.108	<1	1.74	0.063	0.41	<0.1	<0.01	8.8	0.3	<0.05	6	<0.5	0.6		
1067113	Drill Core	0.093	4	126	1.39	117	0.115	1	1.47	0.114	0.26	0.1	<0.01	5.0	0.1	<0.05	5	<0.5	<0.2		
1067114	Drill Core	0.093	3	131	1.26	43	0.097	1	1.19	0.095	0.10	<0.1	<0.01	4.0	<0.1	<0.05	4	<0.5	0.3		
1067115	Drill Core	0.085	4	143	1.32	34	0.108	2	1.14	0.104	0.09	<0.1	<0.01	4.4	<0.1	<0.05	4	<0.5	0.5		
1067116	Drill Core	0.088	5	161	1.55	48	0.114	1	1.27	0.127	0.12	<0.1	<0.01	5.4	<0.1	<0.05	4	<0.5	0.3		
1067117	Drill Core	0.112	5	14	1.17	88	0.197	<1	1.51	0.117	0.18	0.2	<0.01	7.8	<0.1	0.31	6	<0.5	<0.2		
1067118	Drill Core	0.082	5	7	0.81	75	0.175	1	1.14	0.108	0.20	<0.1	<0.01	6.2	<0.1	0.20	5	<0.5	<0.2		

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Project: Charlotte Project
Report Date: November 14, 2011

CERTIFICATE OF ANALYSIS WHI11001280.1

Method		7TD	7TD	7TD
Analyte		Cu	Pb	Zn
Unit		%	%	%
MDL		0.001	0.02	0.01
1067089	Drill Core			
1067090	Drill Core			
1067091	Drill Core			
1067092	Drill Core			
1067093	Drill Core			
1067094	Drill Core			
1067095	Rock			
1067096	Drill Core			
1067097	Drill Core			
1067098	Drill Core			
1067099	Drill Core			
1067100	Drill Core			
1067101	Drill Core			
1067102	Drill Core			
1067103	Drill Core			
1067104	Drill Core			
1067105	Core Pulp			
1067106	Drill Core			
1067107	Drill Core			
1067108	Drill Core			
1067109	Drill Core			
1067110	Drill Core			
1067111	Drill Core			
1067112	Drill Core			
1067113	Drill Core			
1067114	Drill Core			
1067115	Drill Core			
1067116	Drill Core			
1067117	Drill Core			
1067118	Drill Core			

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Project: Charlotte Project
Report Date: November 14, 2011

CERTIFICATE OF ANALYSIS WHI11001280.1

	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
1067119	Drill Core	3.67	<0.005	0.2	37.2	3.1	209	<0.1	22.4	16.3	791	2.81	13.2	2.1	0.3	13	1.0	1.7	0.4	101	1.04
1067120	Drill Core	4.86	<0.005	0.4	44.8	1.7	254	<0.1	20.9	16.5	971	2.56	28.1	3.5	0.6	13	1.1	2.6	0.6	91	0.96
1067121	Drill Core	2.37	1.060	0.7	48.2	522.2	583	10.6	17.0	9.5	433	4.25	1291	1154	0.9	106	3.4	147.9	1.8	29	0.18
1067122	Drill Core	2.73	<0.005	0.3	39.3	4.5	282	<0.1	16.3	7.4	326	2.52	65.6	5.0	0.5	12	1.9	6.1	0.7	84	0.87
1067123	Drill Core	4.33	0.064	0.6	107.2	14.5	1322	0.3	22.3	11.8	198	5.95	861.8	55.2	1.6	34	3.6	22.7	0.8	57	0.43
1067124	Drill Core	2.33	0.377	0.4	16.1	370.0	539	3.4	8.5	4.7	104	4.63	1872	342.4	1.0	45	1.3	130.1	1.3	16	0.19
1067125	Core Pulp	0.10	0.406	10.5	138.3	6.9	53	0.2	27.9	36.7	507	3.29	1392	320.7	3.0	75	0.3	1.8	4.5	79	1.32
1067126	Drill Core	2.22	0.013	0.5	111.6	10.8	878	0.3	53.9	28.4	610	7.54	1674	34.6	1.9	6	2.3	44.2	3.1	130	0.11
1067127	Drill Core	3.79	0.514	0.3	90.5	315.9	690	10.7	13.7	6.0	159	5.61	1391	506.6	0.6	43	2.2	113.0	3.2	35	1.51
1067128	Drill Core	1.24	>10	0.5	1665	>10000	1195	>100	4.5	2.1	83	4.66	>10000	99338	0.4	21	57.2	>2000	1.4	12	0.11
1067129	Drill Core	1.58	3.059	0.4	108.4	957.1	270	51.8	2.3	1.5	75	1.67	2823	3094	1.1	22	5.8	279.7	0.2	8	0.06
1067130	Drill Core	2.46	0.462	1.2	104.2	87.6	4499	4.6	13.3	19.1	3302	6.25	1601	466.6	1.8	65	43.1	49.3	0.2	52	0.82
1067131	Drill Core	0.74	0.316	0.9	121.5	44.2	>10000	15.8	24.1	49.2	>10000	6.63	887.6	313.3	1.2	43	100.5	43.4	<0.1	99	2.64
1067132	Drill Core	3.35	0.021	1.0	55.0	13.1	1572	0.3	13.4	23.2	3238	6.08	505.5	10.7	1.9	65	12.5	32.3	0.3	121	2.94
1067133	Drill Core	1.06	0.299	1.3	71.4	199.2	1417	4.7	6.3	5.0	558	5.27	1949	307.0	1.5	49	10.7	119.5	0.4	35	0.40
1067134	Drill Core	2.40	0.987	0.2	203.1	3717	443	46.6	2.3	3.1	55	3.55	1251	887.6	1.2	52	9.7	257.1	0.3	17	0.05
1067135	Rock	0.79	<0.005	0.1	1.3	3.3	23	<0.1	1.5	1.0	209	0.49	6.1	<0.5	<0.1	45	0.1	0.8	<0.1	<2	18.95
1067136	Drill Core	0.40	3.249	0.5	93.8	3477	843	50.9	3.5	7.9	66	4.19	5026	2967	1.1	12	31.3	404.2	0.4	19	0.06
1067137	Drill Core	1.71	>10	0.3	7993	>10000	>10000	>100	2.2	5.0	819	18.56	>10000	72969	<0.1	26	1666	>2000	2.8	6	0.08
1067138	Rock	0.67	0.019	0.2	4.3	36.6	36	0.7	2.1	1.1	243	0.47	21.2	20.7	<0.1	43	1.1	11.8	0.1	<2	17.55
1067139	Rock	0.75	0.133	0.2	28.1	356.2	152	12.5	2.2	0.9	222	0.44	246.1	118.6	<0.1	38	6.7	133.3	<0.1	<2	16.73
1067140	Drill Core	2.00	0.834	0.8	328.5	6523	2666	91.8	2.8	1.7	214	3.92	1420	1104	1.1	48	51.1	1214	0.5	17	0.17
1067141	Drill Core	4.32	0.055	0.7	105.6	51.0	7315	1.1	20.5	36.7	7392	6.60	311.7	80.2	1.3	26	84.0	34.4	0.4	140	0.79
1067142	Drill Core	2.82	0.012	0.2	48.2	33.3	1650	0.4	11.8	21.8	2453	4.01	99.2	37.1	2.4	42	6.6	9.8	0.2	87	1.63
1067143	Drill Core	3.68	0.008	0.2	32.9	15.5	428	0.4	4.0	14.4	928	4.71	105.5	21.8	1.7	42	2.5	7.6	0.2	93	1.00
1067144	Drill Core	3.80	0.005	<0.1	35.4	6.2	147	0.1	9.1	18.0	1088	5.01	14.1	17.3	1.1	72	0.4	2.3	0.3	119	2.07
1067145	Core Pulp	0.13	>10	8.1	121.6	17.2	62	>100	16.0	11.4	590	3.67	241.1	13739	3.0	69	0.4	9.5	17.6	73	1.54
1067146	Drill Core	3.50	<0.005	0.1	45.3	15.1	218	0.3	2.6	14.0	672	4.30	89.8	18.1	0.9	35	1.1	5.0	0.3	93	1.58
1067147	Drill Core	3.20	0.012	0.2	54.3	6.2	212	0.1	3.0	19.6	816	5.44	27.1	13.8	0.6	33	0.5	3.9	0.3	127	1.57
1067148	Drill Core	4.46	0.009	0.1	40.2	7.1	140	0.2	5.0	18.7	568	5.07	5.2	12.4	0.5	22	0.7	2.8	0.4	126	1.00

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Project: Charlotte Project
Report Date: November 14, 2011

CERTIFICATE OF ANALYSIS WHI11001280.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1067119	Drill Core	0.084	1	30	1.51	63	0.176	2	1.65	0.097	0.17	0.2	<0.01	6.1	<0.1	0.13	5	<0.5	<0.2		
1067120	Drill Core	0.090	2	23	1.19	30	0.124	3	1.61	0.122	0.11	<0.1	<0.01	6.5	0.2	<0.05	5	<0.5	0.3		
1067121	Drill Core	0.072	5	9	0.10	161	0.001	3	0.51	0.016	0.30	0.7	0.16	9.0	5.4	0.39	1	<0.5	0.9		
1067122	Drill Core	0.109	2	40	0.98	23	0.108	1	1.39	0.095	0.09	<0.1	<0.01	9.5	<0.1	<0.05	5	<0.5	0.3		
1067123	Drill Core	0.109	7	25	0.51	114	0.005	2	2.42	0.015	0.21	<0.1	0.03	16.2	0.4	0.26	5	0.6	0.3		
1067124	Drill Core	0.051	5	6	0.04	79	<0.001	3	0.35	0.018	0.41	0.9	0.08	4.5	2.4	0.60	1	<0.5	0.5		
1067125	Core Pulp	0.058	7	47	0.79	127	0.117	3	1.68	0.175	0.28	0.4	<0.01	2.4	<0.1	0.14	5	1.8	0.6		
1067126	Drill Core	0.188	7	55	0.05	14	0.001	<1	1.20	0.002	0.08	0.2	0.64	32.1	0.2	0.11	2	0.6	1.2		
1067127	Drill Core	0.064	3	10	0.05	65	<0.001	5	0.38	0.006	0.53	0.2	0.25	6.2	3.4	1.89	1	1.1	1.8		
1067128	Drill Core	0.026	<1	7	0.03	63	0.001	6	0.19	0.005	0.34	0.2	1.51	1.8	5.3	2.68	1	0.6	0.7	885	83.4
1067129	Drill Core	0.014	3	3	0.02	58	<0.001	3	0.21	0.003	0.21	0.2	0.26	1.5	1.2	0.42	<1	<0.5	<0.2		
1067130	Drill Core	0.058	6	5	0.39	336	<0.001	4	0.65	0.004	0.34	0.2	0.15	9.8	1.3	0.34	2	0.6	<0.2		
1067131	Drill Core	0.076	5	6	1.33	456	<0.001	3	0.72	0.002	0.23	0.1	0.09	15.9	0.6	0.17	1	0.5	<0.2		
1067132	Drill Core	0.075	7	7	1.71	142	0.001	2	0.67	0.001	0.10	0.2	0.12	18.9	0.2	0.35	2	<0.5	<0.2		
1067133	Drill Core	0.033	4	3	0.20	82	<0.001	6	0.40	0.005	0.25	0.2	0.13	4.4	1.3	0.26	3	<0.5	<0.2		
1067134	Drill Core	0.027	2	3	0.03	74	<0.001	8	0.21	0.005	0.47	0.2	0.12	2.0	1.7	2.41	3	<0.5	<0.2		
1067135	Rock	0.013	<1	<1	12.18	23	<0.001	<1	0.02	0.002	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1067136	Drill Core	0.015	1	2	<0.01	54	<0.001	6	0.25	0.004	0.34	0.1	0.09	2.3	0.6	3.78	2	<0.5	<0.2		
1067137	Drill Core	0.012	<1	1	0.03	46	<0.001	2	0.13	0.001	0.03	<0.1	2.05	1.2	5.3	>10	4	3.4	0.2	3122	70.4
1067138	Rock	0.014	<1	<1	11.31	28	<0.001	<1	0.02	0.004	0.01	<0.1	<0.01	0.2	<0.1	0.07	<1	<0.5	<0.2		
1067139	Rock	0.015	<1	<1	10.95	20	<0.001	1	0.02	0.004	0.01	<0.1	<0.01	0.2	<0.1	0.07	<1	<0.5	<0.2		
1067140	Drill Core	0.046	2	3	0.03	116	<0.001	6	0.31	0.007	0.29	0.2	0.20	2.4	2.4	0.81	1	<0.5	<0.2		
1067141	Drill Core	0.073	5	8	0.72	140	0.018	3	1.20	0.003	0.41	<0.1	0.07	19.9	0.5	0.76	4	0.8	<0.2		
1067142	Drill Core	0.071	9	6	1.34	301	0.105	<1	1.90	0.014	0.82	<0.1	<0.01	13.0	0.3	0.48	7	<0.5	<0.2		
1067143	Drill Core	0.048	5	2	1.56	313	0.160	<1	2.20	0.032	1.14	<0.1	<0.01	12.9	0.3	0.45	8	<0.5	<0.2		
1067144	Drill Core	0.069	5	13	1.84	195	0.208	<1	2.85	0.092	1.36	<0.1	<0.01	14.8	0.3	0.68	9	<0.5	<0.2		
1067145	Core Pulp	0.053	7	25	0.74	113	0.129	3	1.65	0.168	0.22	4.4	0.50	2.5	<0.1	0.19	5	5.2	2.8	168	11.5
1067146	Drill Core	0.103	3	3	1.16	150	0.101	<1	1.95	0.123	0.40	<0.1	<0.01	10.2	0.2	0.74	7	<0.5	<0.2		
1067147	Drill Core	0.090	3	2	1.52	219	0.128	<1	2.62	0.060	0.82	<0.1	<0.01	12.5	0.3	0.60	9	<0.5	<0.2		
1067148	Drill Core	0.075	2	14	1.81	116	0.188	<1	2.12	0.090	0.96	<0.1	<0.01	11.1	0.1	1.03	8	<0.5	<0.2		

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Project: Charlotte Project
Report Date: November 14, 2011

CERTIFICATE OF ANALYSIS WHI11001280.1

		Method	7TD	7TD	7TD
		Analyte	Cu	Pb	Zn
		Unit	%	%	%
		MDL	0.001	0.02	0.01
1067119	Drill Core				
1067120	Drill Core				
1067121	Drill Core				
1067122	Drill Core				
1067123	Drill Core				
1067124	Drill Core				
1067125	Core Pulp				
1067126	Drill Core				
1067127	Drill Core				
1067128	Drill Core		0.163	1.11	0.12
1067129	Drill Core				
1067130	Drill Core				
1067131	Drill Core		0.012	<0.02	1.24
1067132	Drill Core				
1067133	Drill Core				
1067134	Drill Core				
1067135	Rock				
1067136	Drill Core				
1067137	Drill Core		0.790	9.79	6.65
1067138	Rock				
1067139	Rock				
1067140	Drill Core				
1067141	Drill Core				
1067142	Drill Core				
1067143	Drill Core				
1067144	Drill Core				
1067145	Core Pulp				
1067146	Drill Core				
1067147	Drill Core				
1067148	Drill Core				

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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
1067149	Drill Core	4.94	0.007	0.1	46.6	2.7	94	<0.1	4.9	20.9	838	5.93	4.0	11.7	0.4	36	0.2	1.1	0.6	148	1.51
1067150	Drill Core	5.56	<0.005	0.6	37.4	8.3	100	0.2	3.3	16.0	809	4.57	7.3	11.7	0.8	34	0.4	2.0	0.5	114	1.72
1067151	Drill Core	4.98	<0.005	0.6	36.7	191.3	283	0.7	3.3	15.2	1106	4.63	9.4	12.8	0.8	36	2.7	1.2	0.5	96	1.78
1067152	Drill Core	3.03	<0.005	0.3	86.1	5.1	117	0.1	2.5	18.3	504	4.41	7.0	10.7	0.4	38	0.4	1.4	0.6	69	1.64
1067153	Drill Core	3.08	0.011	0.3	22.5	5.7	160	<0.1	1.4	10.0	522	2.85	6.1	6.0	0.2	36	0.9	2.1	0.3	36	1.30
1067154	Drill Core	3.31	0.011	0.7	15.8	22.0	376	0.3	2.9	18.0	4861	6.07	68.7	17.0	1.1	31	2.1	5.6	0.3	28	2.63
1067155	Drill Core	2.07	0.019	0.6	16.3	12.4	541	0.3	4.1	20.5	5574	6.48	97.5	33.0	1.1	29	3.9	5.6	0.3	23	2.33
1067156	Drill Core	3.33	0.042	0.2	4.8	115.8	82	1.0	1.4	2.4	63	2.19	231.9	44.9	1.5	39	0.3	4.9	0.4	3	0.10
1067157	Drill Core	1.24	0.037	0.2	4.3	310.1	130	1.7	0.6	2.1	78	3.46	379.9	33.4	1.8	67	0.4	7.1	0.9	4	0.14
1067158	Drill Core	2.82	0.009	0.3	10.1	44.9	126	0.7	0.8	5.9	153	3.06	84.4	11.2	2.3	67	0.6	3.1	1.1	8	0.10
1067159	Drill Core	1.95	0.005	0.4	9.7	17.3	158	0.2	0.8	8.7	235	3.66	30.5	5.5	2.7	51	2.2	2.4	1.1	9	0.10
1067160	Drill Core	2.78	0.006	0.2	10.8	6.2	123	<0.1	1.0	8.6	214	3.68	16.4	5.8	2.8	18	0.3	1.5	1.0	17	0.19
1067161	Drill Core	3.33	<0.005	0.2	7.7	6.1	94	<0.1	1.1	7.0	432	2.47	4.5	3.1	3.6	16	0.5	0.7	0.6	8	0.36
1067162	Drill Core	2.87	<0.005	0.4	8.5	9.5	539	<0.1	1.7	7.3	659	2.97	70.0	1.9	3.2	13	2.3	2.5	0.4	5	0.39
1067163	Drill Core	4.08	<0.005	0.3	6.5	5.1	393	<0.1	3.0	5.5	906	2.30	33.3	2.8	2.7	15	8.3	2.1	0.3	4	1.01
1067164	Drill Core	3.14	<0.005	0.2	5.5	7.8	356	<0.1	4.7	4.4	376	2.19	23.8	1.3	4.2	19	2.6	2.0	0.4	<2	0.25
1067165	Core Pulp	0.09	0.391	9.9	135.2	7.2	51	0.2	27.4	37.1	488	3.19	1402	368.1	2.9	69	0.2	2.0	4.2	76	1.27
1067166	Drill Core	2.32	<0.005	0.4	5.5	112.2	144	0.3	3.1	3.4	630	1.76	13.3	1.8	3.4	23	2.1	1.6	0.4	2	0.92
1067167	Drill Core	0.77	0.008	0.7	9.0	448.2	330	1.1	2.3	2.1	114	2.34	77.5	7.8	3.7	11	1.1	3.1	0.5	<2	0.07
1067168	Drill Core	1.01	<0.005	0.9	2.6	30.6	310	0.3	2.2	3.0	872	1.93	42.4	2.0	3.2	13	9.5	3.0	0.4	<2	0.89
1067169	Drill Core	2.31	<0.005	0.3	7.8	8.3	360	<0.1	3.0	2.9	471	1.60	53.5	2.1	3.9	8	4.4	3.6	0.6	3	0.41
1067170	Drill Core	4.20	0.032	0.3	10.8	407.7	329	1.5	7.5	5.6	1559	2.02	96.5	71.1	3.0	37	6.2	4.4	0.6	3	1.84
1067171	Drill Core	3.28	<0.005	0.7	2.8	6.8	100	<0.1	1.0	2.4	541	1.76	6.8	1.1	3.6	43	0.4	1.2	0.3	5	1.60
1067172	Drill Core	2.47	<0.005	0.6	3.2	10.7	45	<0.1	1.4	3.9	281	2.58	5.4	2.1	4.3	43	0.4	0.7	0.8	14	1.32
1067173	Drill Core	5.64	<0.005	0.3	7.7	7.5	49	<0.1	1.7	4.0	343	2.46	2.6	1.2	2.8	32	0.1	0.6	0.4	32	0.85
1067174	Drill Core	3.38	<0.005	0.2	8.3	5.9	26	<0.1	1.4	5.0	217	2.43	5.4	0.9	3.4	23	<0.1	0.7	0.6	24	0.70
1067175	Rock	0.95	<0.005	<0.1	12.3	1.0	11	<0.1	1.9	1.9	180	0.41	0.9	<0.5	<0.1	36	<0.1	<0.1	<0.1	<2	18.14
1067176	Drill Core	4.69	<0.005	0.2	4.2	2.6	40	<0.1	1.0	2.1	288	1.96	1.1	<0.5	2.1	19	<0.1	0.4	0.1	13	0.50
1067177	Drill Core	5.36	<0.005	0.4	7.5	2.8	40	<0.1	1.6	2.2	178	1.87	1.8	<0.5	2.7	16	<0.1	0.5	0.2	17	0.30
1067178	Drill Core	3.74	<0.005	0.4	15.2	11.8	180	0.1	2.5	4.4	292	2.49	13.2	1.9	3.1	27	1.1	1.9	0.5	14	0.54

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Project: Charlotte Project
Report Date: November 14, 2011

CERTIFICATE OF ANALYSIS WHI11001280.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1067149	Drill Core	0.061	2	5	1.89	69	0.243	<1	2.44	0.086	0.97	<0.1	<0.01	15.0	0.2	1.46	9	<0.5	<0.2		
1067150	Drill Core	0.069	3	3	1.24	86	0.177	<1	1.75	0.104	0.50	<0.1	<0.01	11.1	0.2	1.25	7	<0.5	0.2		
1067151	Drill Core	0.076	3	3	1.15	91	0.157	<1	1.87	0.082	0.40	<0.1	<0.01	8.5	0.2	1.23	7	<0.5	<0.2		
1067152	Drill Core	0.067	2	2	0.69	59	0.125	1	1.70	0.081	0.24	<0.1	<0.01	5.7	0.2	1.60	5	<0.5	<0.2		
1067153	Drill Core	0.045	1	1	0.36	66	0.082	1	1.29	0.078	0.26	<0.1	<0.01	3.2	0.2	0.99	3	<0.5	<0.2		
1067154	Drill Core	0.080	4	<1	1.02	40	<0.001	3	0.43	0.003	0.23	0.1	0.02	9.1	0.5	2.00	1	0.5	<0.2		
1067155	Drill Core	0.080	4	<1	0.93	41	<0.001	3	0.41	0.003	0.24	0.1	0.03	8.0	0.5	2.14	1	<0.5	<0.2		
1067156	Drill Core	0.031	3	2	0.03	95	<0.001	4	0.26	0.006	0.33	0.2	0.05	1.6	0.6	1.01	<1	<0.5	<0.2		
1067157	Drill Core	0.057	6	1	0.04	111	<0.001	4	0.30	0.015	0.46	0.3	0.05	1.6	0.6	0.62	1	0.7	0.4		
1067158	Drill Core	0.063	8	1	0.03	110	<0.001	2	0.36	0.017	0.29	<0.1	0.05	4.6	0.3	0.42	1	1.0	0.4		
1067159	Drill Core	0.059	9	<1	0.06	137	0.001	<1	0.56	0.022	0.27	<0.1	0.02	4.6	0.2	0.47	2	1.0	0.3		
1067160	Drill Core	0.043	6	2	0.58	68	0.037	<1	1.37	0.036	0.36	<0.1	<0.01	5.8	0.1	1.72	5	1.2	0.7		
1067161	Drill Core	0.026	10	5	0.47	51	0.021	<1	0.71	0.039	0.20	<0.1	<0.01	3.2	<0.1	1.50	4	0.7	0.3		
1067162	Drill Core	0.034	10	1	0.39	76	0.011	1	1.20	0.009	0.30	0.2	<0.01	2.2	0.2	0.36	3	0.5	<0.2		
1067163	Drill Core	0.031	8	2	0.42	46	0.007	<1	0.82	0.005	0.22	<0.1	0.02	2.3	0.1	0.70	2	<0.5	<0.2		
1067164	Drill Core	0.032	12	2	0.12	244	<0.001	<1	0.73	0.007	0.19	<0.1	0.03	1.3	0.2	0.51	1	0.7	0.3		
1067165	Core Pulp	0.057	7	46	0.75	129	0.118	2	1.63	0.170	0.26	0.4	<0.01	2.7	<0.1	0.13	5	2.0	0.7		
1067166	Drill Core	0.023	8	3	0.31	71	<0.001	<1	0.48	0.010	0.14	<0.1	0.02	1.9	<0.1	0.94	1	0.7	0.2		
1067167	Drill Core	0.020	7	2	0.03	73	<0.001	2	0.26	0.004	0.16	<0.1	<0.01	0.7	0.2	0.33	<1	<0.5	<0.2		
1067168	Drill Core	0.018	6	3	0.31	55	<0.001	<1	0.33	0.003	0.20	<0.1	<0.01	1.0	0.2	1.05	<1	0.6	<0.2		
1067169	Drill Core	0.037	10	<1	0.13	99	<0.001	<1	0.44	0.003	0.15	<0.1	0.05	2.0	0.3	0.78	1	0.6	<0.2		
1067170	Drill Core	0.035	5	9	0.53	49	<0.001	2	0.36	0.003	0.18	<0.1	0.02	2.5	0.3	1.13	<1	<0.5	<0.2		
1067171	Drill Core	0.026	8	3	0.60	58	0.007	1	0.78	0.019	0.28	<0.1	<0.01	2.8	0.2	0.78	3	<0.5	<0.2		
1067172	Drill Core	0.055	9	3	0.51	47	0.005	<1	0.76	0.039	0.15	<0.1	<0.01	2.1	<0.1	1.98	3	0.8	0.2		
1067173	Drill Core	0.060	12	4	0.67	102	0.083	<1	0.96	0.060	0.17	<0.1	<0.01	3.2	<0.1	1.13	5	<0.5	<0.2		
1067174	Drill Core	0.058	8	4	0.58	43	0.062	<1	0.81	0.051	0.20	<0.1	<0.01	3.1	<0.1	1.58	5	<0.5	0.5		
1067175	Rock	0.011	<1	<1	9.72	18	<0.001	<1	0.01	0.002	<0.01	<0.1	<0.01	<0.1	<0.1	0.12	<1	<0.5	<0.2		
1067176	Drill Core	0.030	6	3	0.94	204	0.085	<1	1.27	0.037	0.74	<0.1	<0.01	3.4	0.2	0.43	5	<0.5	<0.2		
1067177	Drill Core	0.021	5	7	0.31	96	0.017	<1	0.56	0.050	0.13	<0.1	<0.01	3.6	<0.1	0.76	4	<0.5	<0.2		
1067178	Drill Core	0.030	7	3	0.38	66	0.013	<1	0.65	0.046	0.15	<0.1	<0.01	3.2	<0.1	1.37	3	0.5	0.3		

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Method		7TD	7TD	7TD
Analyte		Cu	Pb	Zn
Unit		%	%	%
MDL		0.001	0.02	0.01
1067149	Drill Core			
1067150	Drill Core			
1067151	Drill Core			
1067152	Drill Core			
1067153	Drill Core			
1067154	Drill Core			
1067155	Drill Core			
1067156	Drill Core			
1067157	Drill Core			
1067158	Drill Core			
1067159	Drill Core			
1067160	Drill Core			
1067161	Drill Core			
1067162	Drill Core			
1067163	Drill Core			
1067164	Drill Core			
1067165	Core Pulp			
1067166	Drill Core			
1067167	Drill Core			
1067168	Drill Core			
1067169	Drill Core			
1067170	Drill Core			
1067171	Drill Core			
1067172	Drill Core			
1067173	Drill Core			
1067174	Drill Core			
1067175	Rock			
1067176	Drill Core			
1067177	Drill Core			
1067178	Drill Core			

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	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
1067179	Drill Core	4.89	<0.005	0.5	6.1	3.3	77	<0.1	2.4	1.8	164	1.95	5.4	1.9	3.4	18	0.2	1.0	0.6	4	0.36
1067180	Drill Core	2.86	<0.005	0.1	4.6	4.6	415	<0.1	1.8	4.1	694	2.36	14.3	3.3	2.6	57	1.3	1.0	0.4	6	1.28
1067181	Drill Core	4.05	<0.005	0.1	6.2	4.5	111	<0.1	2.8	2.5	402	2.35	13.0	2.0	2.3	44	0.3	2.2	0.3	5	1.05
1067182	Drill Core	1.45	0.036	0.5	6.5	30.5	279	0.7	5.5	6.7	1396	2.79	66.1	40.6	1.6	40	0.9	7.3	0.6	11	1.76
1067183	Drill Core	2.37	<0.005	1.0	144.0	6.8	65	0.3	10.2	20.9	1374	5.55	28.6	4.4	1.4	47	0.1	47.0	1.6	88	2.42
1067184	Drill Core	2.29	<0.005	0.2	73.0	14.3	72	0.4	1.9	17.6	1562	5.02	50.1	1.9	2.0	48	0.2	21.9	1.4	60	2.63
1067185	Core Pulp	0.08	>10	8.0	123.3	16.9	58	>100	16.2	11.7	581	3.58	243.0	12077	2.8	68	0.4	8.8	15.7	69	1.59
1067186	Drill Core	0.74	0.288	1.3	735.0	227.8	202	64.8	2.1	19.1	2032	5.80	528.8	264.9	0.8	39	2.4	239.7	42.0	20	2.06
1067187	Drill Core	1.60	>10	0.3	4250	>10000	>10000	>100	0.8	4.5	438	19.23	>10000	25157	0.2	1	604.0	>2000	3.2	3	0.02
1067188	Rock	0.50	0.017	<0.1	4.6	29.5	46	0.5	4.2	2.0	188	0.32	44.3	19.8	<0.1	38	0.7	5.5	<0.1	<2	17.61
1067189	Rock	0.60	0.020	0.1	8.3	70.1	57	1.4	5.8	2.0	176	0.39	52.5	20.2	<0.1	37	1.0	12.0	<0.1	<2	17.54
1067190	Drill Core	1.22	0.719	1.2	87.5	975.8	388	22.6	1.9	16.0	1115	6.26	1263	733.1	0.8	11	6.9	76.5	9.1	5	0.66
1067191	Drill Core	4.54	0.223	0.7	172.4	51.9	46	11.5	2.4	15.3	3210	5.67	287.4	236.3	1.2	29	0.5	52.8	12.1	10	2.58
1067192	Drill Core	3.16	0.131	0.5	15.7	45.4	494	2.4	2.8	17.9	1545	6.38	317.6	102.9	1.4	12	6.4	10.2	2.0	9	0.91
1067193	Drill Core	5.31	0.230	0.6	13.4	219.5	1969	2.0	1.3	8.0	1204	4.01	403.7	212.8	1.6	10	24.2	23.4	0.4	3	0.77
1067194	Drill Core	3.03	0.032	1.2	10.4	7.0	21	0.2	0.8	6.7	1309	3.28	98.8	44.9	2.1	19	<0.1	4.8	0.2	4	1.33
1067195	Drill Core	2.00	0.051	1.0	10.6	7.8	27	0.3	0.8	7.4	1447	3.47	184.0	48.6	2.3	19	0.1	5.0	0.2	5	1.45
1067196	Drill Core	1.62	0.013	0.6	6.4	11.0	41	0.2	0.6	6.8	803	3.14	35.2	25.9	3.4	20	<0.1	4.3	0.3	4	1.01
1067197	Drill Core	2.09	0.034	1.3	4.8	8.6	35	0.2	0.7	5.6	628	3.08	51.7	32.3	3.5	20	0.3	3.1	0.4	2	1.02
1067198	Drill Core	2.75	0.058	4.2	3.2	13.1	40	0.4	0.8	6.0	754	3.61	61.0	42.1	3.3	18	0.3	3.3	0.6	<2	1.16
1067199	Drill Core	2.98	0.008	0.3	2.6	5.9	18	0.2	0.6	3.8	851	2.47	53.2	12.9	3.4	20	<0.1	2.8	0.4	<2	1.33
1067200	Drill Core	2.51	<0.005	0.5	3.3	50.3	46	0.3	0.8	2.2	847	1.59	16.7	6.9	3.0	16	0.7	2.0	0.2	<2	1.05
1067201	Drill Core	2.70	0.010	1.5	5.9	1208	404	4.5	0.9	2.3	1516	1.87	27.7	10.0	2.6	22	7.4	7.1	0.4	<2	1.29
1067202	Drill Core	3.64	0.041	0.7	6.6	141.9	95	1.1	2.8	4.6	1498	3.14	33.0	25.4	3.0	16	1.0	3.7	0.4	2	1.35
1067203	Drill Core	2.93	0.010	0.2	3.7	116.2	53	1.3	3.2	5.9	1915	3.33	30.5	10.7	2.6	18	0.6	4.0	0.4	3	1.50
1067204	Drill Core	4.05	0.008	0.2	4.4	78.0	39	1.4	3.4	5.8	1447	3.84	25.9	7.7	2.5	18	0.4	4.0	0.4	3	1.32
1067205	Core Pulp	0.10	0.448	9.4	133.5	6.5	48	0.2	26.5	35.6	491	3.21	1358	330.9	3.0	70	0.2	2.0	4.5	80	1.29
1067206	Drill Core	5.00	0.015	0.3	5.0	30.1	33	0.9	3.3	6.4	1939	3.51	55.6	28.7	2.9	22	0.2	4.0	0.5	4	1.79
1067207	Drill Core	4.29	0.022	0.2	5.2	100.0	144	1.1	3.2	5.1	1854	3.29	55.2	25.5	3.1	21	1.9	4.9	0.3	3	1.54
1067208	Drill Core	6.51	0.035	0.4	4.5	104.5	90	1.4	3.5	7.4	1122	3.64	59.0	20.0	3.0	12	1.1	5.4	0.4	2	0.84

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Project: Charlotte Project
Report Date: November 14, 2011

CERTIFICATE OF ANALYSIS WHI11001280.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1067179	Drill Core	0.009	3	4	0.22	21	0.003	<1	0.36	0.070	0.10	<0.1	<0.01	2.2	<0.1	1.45	1	<0.5	<0.2		
1067180	Drill Core	0.014	8	3	0.71	96	0.009	<1	0.65	0.024	0.23	<0.1	<0.01	2.6	0.1	1.47	2	0.6	0.3		
1067181	Drill Core	0.008	3	2	0.56	76	0.005	<1	0.60	0.026	0.20	<0.1	<0.01	2.3	0.1	1.41	2	<0.5	<0.2		
1067182	Drill Core	0.035	4	2	0.66	41	<0.001	2	0.49	0.006	0.18	0.4	0.06	3.6	0.8	2.29	1	0.8	<0.2		
1067183	Drill Core	0.077	5	5	1.18	17	0.001	1	0.74	0.003	0.11	0.1	0.07	16.8	0.2	2.33	2	1.0	<0.2		
1067184	Drill Core	0.095	6	2	1.11	22	0.001	3	0.62	0.004	0.20	<0.1	0.05	12.0	0.4	2.01	2	0.6	0.3		
1067185	Core Pulp	0.052	7	25	0.73	107	0.131	3	1.67	0.169	0.22	4.0	0.46	2.9	<0.1	0.19	5	5.5	2.3	156	11.3
1067186	Drill Core	0.077	3	1	0.70	22	<0.001	3	0.46	0.005	0.29	0.3	0.29	8.7	1.0	5.73	1	1.4	7.5		
1067187	Drill Core	0.006	<1	2	0.02	10	<0.001	2	0.08	0.002	0.06	<0.1	1.29	0.2	1.9	>10	2	<0.5	0.4	626	31.7
1067188	Rock	0.011	<1	<1	9.56	13	<0.001	<1	0.02	0.001	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1067189	Rock	0.012	<1	<1	9.62	11	<0.001	<1	0.02	0.001	0.01	<0.1	<0.01	<0.1	<0.1	0.07	<1	<0.5	<0.2		
1067190	Drill Core	0.067	1	1	0.21	33	<0.001	2	0.38	0.003	0.22	0.2	0.08	3.3	0.9	6.88	<1	0.8	1.5		
1067191	Drill Core	0.064	2	2	0.86	41	<0.001	3	0.33	0.003	0.25	0.2	0.10	4.9	0.4	6.11	1	1.4	1.0		
1067192	Drill Core	0.063	1	2	0.30	31	<0.001	4	0.32	0.005	0.23	0.2	0.09	3.2	0.8	6.81	<1	1.0	0.2		
1067193	Drill Core	0.062	2	4	0.24	44	<0.001	3	0.35	0.003	0.25	0.1	0.11	2.0	0.6	4.40	<1	1.5	<0.2		
1067194	Drill Core	0.058	5	2	0.44	21	<0.001	3	0.37	0.003	0.25	0.1	0.05	3.1	0.5	2.89	<1	0.9	<0.2		
1067195	Drill Core	0.059	5	2	0.46	26	<0.001	3	0.37	0.003	0.25	0.1	0.05	3.2	0.5	3.10	<1	1.1	<0.2		
1067196	Drill Core	0.044	6	3	0.34	21	<0.001	2	0.41	0.004	0.21	0.1	0.06	2.7	0.4	2.77	<1	0.7	<0.2		
1067197	Drill Core	0.029	6	3	0.34	20	<0.001	2	0.34	0.004	0.22	0.1	0.03	1.8	0.3	2.97	<1	1.1	<0.2		
1067198	Drill Core	0.031	4	3	0.38	21	<0.001	1	0.29	0.004	0.21	0.1	0.02	1.3	0.3	3.72	<1	1.0	0.2		
1067199	Drill Core	0.030	5	4	0.46	37	<0.001	3	0.36	0.003	0.24	0.1	0.02	1.7	0.3	2.28	<1	0.9	<0.2		
1067200	Drill Core	0.015	5	4	0.40	51	<0.001	2	0.30	0.004	0.21	<0.1	0.01	0.8	0.2	1.50	<1	0.6	<0.2		
1067201	Drill Core	0.016	4	4	0.45	27	<0.001	3	0.30	0.003	0.22	<0.1	0.04	1.0	0.2	1.81	<1	0.8	<0.2		
1067202	Drill Core	0.044	3	2	0.47	35	<0.001	3	0.31	0.002	0.23	0.1	0.02	1.2	0.2	3.31	<1	0.8	<0.2		
1067203	Drill Core	0.035	3	3	0.54	29	<0.001	3	0.32	0.003	0.25	0.2	0.02	1.4	0.2	3.57	<1	1.6	<0.2		
1067204	Drill Core	0.036	3	2	0.47	25	<0.001	2	0.31	0.004	0.24	0.2	0.03	1.3	0.2	4.13	<1	1.6	<0.2		
1067205	Core Pulp	0.058	6	45	0.77	129	0.119	3	1.65	0.170	0.27	0.3	<0.01	2.3	0.1	0.14	5	2.2	0.7		
1067206	Drill Core	0.056	4	2	0.62	43	<0.001	2	0.37	0.004	0.28	0.2	0.02	1.8	0.3	3.64	<1	1.3	<0.2		
1067207	Drill Core	0.051	4	3	0.50	37	<0.001	2	0.29	0.004	0.21	0.1	0.03	1.7	0.3	3.39	<1	1.3	<0.2		
1067208	Drill Core	0.038	3	3	0.28	21	<0.001	2	0.33	0.004	0.24	0.2	0.02	1.5	0.3	3.85	<1	1.2	<0.2		

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		Method	7TD	7TD	7TD
		Analyte	Cu	Pb	Zn
		Unit	%	%	%
		MDL	0.001	0.02	0.01
1067179	Drill Core				
1067180	Drill Core				
1067181	Drill Core				
1067182	Drill Core				
1067183	Drill Core				
1067184	Drill Core				
1067185	Core Pulp				
1067186	Drill Core				
1067187	Drill Core		0.489	4.32	4.71
1067188	Rock				
1067189	Rock				
1067190	Drill Core				
1067191	Drill Core				
1067192	Drill Core				
1067193	Drill Core				
1067194	Drill Core				
1067195	Drill Core				
1067196	Drill Core				
1067197	Drill Core				
1067198	Drill Core				
1067199	Drill Core				
1067200	Drill Core				
1067201	Drill Core				
1067202	Drill Core				
1067203	Drill Core				
1067204	Drill Core				
1067205	Core Pulp				
1067206	Drill Core				
1067207	Drill Core				
1067208	Drill Core				

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CERTIFICATE OF ANALYSIS WHI11001280.1

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
1067209	Drill Core	3.49	0.120	0.5	37.3	1438	4244	9.0	1.1	4.9	939	4.23	151.6	62.9	4.0	10	55.4	12.1	0.7	2	0.66
1067210	Drill Core	1.64	0.182	0.7	9.3	363.0	745	2.1	1.5	4.0	1964	2.50	149.9	103.9	2.7	30	9.5	5.9	0.5	2	1.53
1067211	Drill Core	4.51	0.035	1.6	67.0	108.7	203	0.7	2.3	20.6	1163	4.34	33.6	35.3	1.8	95	2.5	8.1	0.9	81	3.53
1067212	Drill Core	4.48	0.007	2.6	78.8	6.3	35	0.2	1.6	18.7	2023	4.66	18.5	11.6	1.1	258	0.2	11.5	0.4	85	9.83
1067213	Drill Core	4.67	0.008	0.4	63.3	3.1	42	<0.1	2.0	23.5	805	5.42	9.1	6.1	1.2	82	0.1	6.6	0.4	165	2.80
1067214	Drill Core	4.56	<0.005	0.4	57.8	2.2	37	<0.1	1.9	17.0	473	5.51	2.7	3.4	0.7	27	<0.1	1.6	0.5	191	1.09
1067215	Drill Core	2.32	0.008	2.0	43.6	3.6	41	<0.1	2.0	19.2	492	6.13	3.9	4.2	0.6	29	0.1	2.1	0.7	184	1.21
1067216	Drill Core	4.64	0.006	1.0	44.3	3.2	35	0.1	1.7	19.6	484	5.72	2.3	4.5	1.0	34	<0.1	3.3	0.7	141	1.78
1067217	Drill Core	3.81	0.008	1.3	75.2	3.7	47	0.2	1.9	17.3	544	5.20	8.8	6.7	0.9	31	0.2	6.9	0.6	141	1.61
1067218	Drill Core	2.80	0.010	0.7	93.3	4.3	51	0.2	3.6	16.8	379	6.18	8.1	5.4	1.7	33	<0.1	17.4	0.4	106	1.14
1067219	Drill Core	2.56	0.054	0.5	34.0	42.0	139	0.5	2.2	17.8	1978	6.91	341.7	42.0	2.0	23	0.8	19.1	0.4	76	1.23
1067220	Drill Core	1.73	0.514	0.7	21.6	842.6	1901	5.9	3.3	14.3	1431	6.51	2302	421.6	1.6	11	29.2	36.9	0.7	9	0.94
1067221	Drill Core	2.24	8.549	0.5	186.0	6628	>10000	>100	1.3	7.7	284	8.57	>10000	7903	0.6	6	251.9	679.0	0.7	5	0.23
1067222	Drill Core	3.28	0.429	0.7	14.4	957.5	1878	6.8	5.8	15.1	626	5.97	2010	390.0	1.4	9	28.5	24.7	0.7	8	0.56
1067223	Drill Core	2.04	>10	0.8	435.9	>10000	>10000	>100	3.1	4.3	271	13.99	>10000	20058	0.2	1	422.7	858.6	1.5	4	0.05
1067224	Rock	0.59	<0.005	<0.1	1.1	19.3	30	0.2	0.9	0.9	204	0.44	65.1	15.2	<0.1	37	0.4	1.2	<0.1	<2	18.67
1067225	Core Pulp	0.13	>10	8.0	116.2	17.0	56	>100	15.2	10.9	584	3.60	252.7	12795	3.0	65	0.4	8.9	18.0	73	1.40
1067226	Drill Core	3.35	0.160	0.5	24.7	1849	2419	11.1	7.8	11.9	3395	4.19	788.3	147.0	0.7	24	33.9	34.4	0.8	9	1.61
1067227	Drill Core	2.55	0.035	0.5	95.9	23.5	66	0.6	12.2	23.7	1830	4.85	129.0	37.6	1.1	51	0.3	18.4	0.6	63	2.48
1067228	Drill Core	5.09	<0.005	0.5	90.7	9.3	55	<0.1	13.8	21.1	897	6.40	13.8	2.7	1.1	73	0.1	6.2	0.5	153	1.84
1067229	Drill Core	3.49	0.039	1.8	100.8	95.6	225	1.4	11.2	18.6	2471	4.41	196.8	17.2	1.1	42	2.0	29.6	0.3	49	2.43
1067230	Drill Core	2.76	0.035	1.7	47.8	45.5	195	0.9	15.6	21.6	3114	4.88	375.5	35.3	1.2	62	1.7	12.8	0.7	39	3.54

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1067209	Drill Core	0.060	3	2	0.19	42	<0.001	2	0.28	0.002	0.19	<0.1	0.08	1.0	0.2	4.74	<1	1.7	<0.2		
1067210	Drill Core	0.016	2	2	0.47	43	<0.001	2	0.25	0.004	0.16	0.1	0.06	1.5	0.1	2.41	<1	0.7	<0.2		
1067211	Drill Core	0.067	7	2	1.12	46	0.007	<1	0.93	0.009	0.20	<0.1	0.03	14.5	0.2	1.97	3	0.8	0.5		
1067212	Drill Core	0.046	8	1	1.68	67	0.012	<1	1.03	0.005	0.26	<0.1	0.03	11.6	0.2	1.49	3	1.0	<0.2		
1067213	Drill Core	0.060	6	<1	1.39	72	0.051	<1	2.04	0.013	0.63	<0.1	0.01	16.0	0.4	1.44	8	0.6	<0.2		
1067214	Drill Core	0.062	3	1	1.64	66	0.149	<1	2.31	0.078	0.84	0.2	<0.01	12.4	0.6	1.92	9	0.9	<0.2		
1067215	Drill Core	0.059	3	1	1.62	47	0.138	<1	2.22	0.063	0.92	0.3	<0.01	12.8	0.6	2.80	8	1.0	<0.2		
1067216	Drill Core	0.054	4	1	1.36	24	0.105	<1	2.05	0.095	0.39	0.6	<0.01	11.2	0.2	3.38	8	1.0	<0.2		
1067217	Drill Core	0.059	4	1	1.31	71	0.109	<1	1.96	0.062	0.48	0.3	<0.01	11.4	0.3	2.36	8	0.8	<0.2		
1067218	Drill Core	0.073	5	3	1.32	155	0.073	<1	2.98	0.010	0.78	<0.1	0.04	12.5	0.4	1.34	9	0.6	<0.2		
1067219	Drill Core	0.070	10	1	0.84	31	0.006	2	0.65	0.001	0.18	<0.1	0.07	14.0	0.3	1.81	3	0.6	<0.2		
1067220	Drill Core	0.070	2	2	0.31	29	<0.001	3	0.37	0.002	0.22	0.1	0.11	2.5	0.6	6.64	<1	<0.5	<0.2		
1067221	Drill Core	0.037	<1	3	0.08	27	<0.001	3	0.24	0.002	0.16	0.1	0.35	2.6	1.0	7.34	1	1.3	<0.2	92	7.6
1067222	Drill Core	0.075	1	3	0.17	20	<0.001	2	0.34	0.002	0.22	0.2	0.15	2.6	0.6	6.42	<1	0.5	<0.2		
1067223	Drill Core	0.009	<1	4	0.02	15	<0.001	2	0.13	0.001	0.07	<0.1	0.81	0.4	0.8	>10	1	1.5	<0.2	133	21.1
1067224	Rock	0.015	<1	<1	12.03	10	<0.001	<1	0.01	0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1067225	Core Pulp	0.053	7	24	0.69	115	0.118	4	1.61	0.156	0.22	4.5	0.47	2.4	<0.1	0.19	5	5.6	2.5	173	12.2
1067226	Drill Core	0.040	1	2	0.58	45	<0.001	2	0.24	0.002	0.16	0.1	0.09	3.3	0.7	4.45	<1	0.9	<0.2		
1067227	Drill Core	0.058	6	4	0.93	40	0.002	3	0.89	0.002	0.24	<0.1	0.05	10.7	0.9	3.27	2	1.0	<0.2		
1067228	Drill Core	0.053	4	8	1.65	147	0.043	<1	2.69	0.018	0.49	<0.1	0.03	13.9	0.4	1.45	7	0.7	0.2		
1067229	Drill Core	0.051	4	3	1.09	49	<0.001	4	0.45	0.004	0.25	<0.1	0.07	8.4	0.5	1.22	1	0.6	<0.2		
1067230	Drill Core	0.056	3	4	1.26	64	<0.001	4	0.47	0.004	0.27	0.1	0.04	7.2	0.5	2.52	1	1.0	0.2		

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: November 14, 2011

CERTIFICATE OF ANALYSIS WHI11001280.1

Method		7TD	7TD	7TD
Analyte		Cu	Pb	Zn
Unit		%	%	%
MDL		0.001	0.02	0.01
1067209	Drill Core			
1067210	Drill Core			
1067211	Drill Core			
1067212	Drill Core			
1067213	Drill Core			
1067214	Drill Core			
1067215	Drill Core			
1067216	Drill Core			
1067217	Drill Core			
1067218	Drill Core			
1067219	Drill Core			
1067220	Drill Core			
1067221	Drill Core	0.019	0.63	1.56
1067222	Drill Core			
1067223	Drill Core	0.040	1.53	2.94
1067224	Rock			
1067225	Core Pulp			
1067226	Drill Core			
1067227	Drill Core			
1067228	Drill Core			
1067229	Drill Core			
1067230	Drill Core			

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QUALITY CONTROL REPORT WHI11001280.1

	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																					
REP G1	QC			0.1	2.4	7.2	48	0.1	2.8	4.0	525	1.85	3.5	3.5	4.6	51	<0.1	0.7	<0.1	34	0.46
1067105	Core Pulp	0.28	0.407	9.4	134.9	7.7	52	0.2	26.5	35.3	489	3.24	1358	396.0	3.0	77	0.3	2.0	4.5	76	1.30
REP 1067105	QC			10.0	141.1	7.9	52	0.2	26.1	36.9	483	3.30	1373	379.0	3.1	78	0.2	2.0	4.6	76	1.31
1067115	Drill Core	1.17	<0.005	0.2	22.8	2.1	102	<0.1	50.0	9.9	403	1.70	6.5	2.7	0.9	10	0.3	0.5	0.6	57	0.93
REP 1067115	QC		0.006																		
1067154	Drill Core	3.31	0.011	0.7	15.8	22.0	376	0.3	2.9	18.0	4861	6.07	68.7	17.0	1.1	31	2.1	5.6	0.3	28	2.63
REP 1067154	QC			0.6	15.8	22.1	382	0.3	3.1	18.6	4900	5.98	69.3	19.0	1.1	31	2.2	6.1	0.3	28	2.61
1067158	Drill Core	2.82	0.009	0.3	10.1	44.9	126	0.7	0.8	5.9	153	3.06	84.4	11.2	2.3	67	0.6	3.1	1.1	8	0.10
REP 1067158	QC			0.3	10.4	46.9	131	0.7	0.8	6.1	151	3.05	89.4	12.0	2.2	68	0.6	3.5	1.0	8	0.10
1067181	Drill Core	4.05	<0.005	0.1	6.2	4.5	111	<0.1	2.8	2.5	402	2.35	13.0	2.0	2.3	44	0.3	2.2	0.3	5	1.05
REP 1067181	QC		<0.005																		
1067190	Drill Core	1.22	0.719	1.2	87.5	975.8	388	22.6	1.9	16.0	1115	6.26	1263	733.1	0.8	11	6.9	76.5	9.1	5	0.66
REP 1067190	QC			1.1	88.2	974.3	392	22.6	2.3	16.0	1120	6.26	1274	570.4	0.8	11	6.9	74.5	8.6	4	0.72
1067203	Drill Core	2.93	0.010	0.2	3.7	116.2	53	1.3	3.2	5.9	1915	3.33	30.5	10.7	2.6	18	0.6	4.0	0.4	3	1.50
REP 1067203	QC			0.3	4.0	113.2	56	1.4	3.1	5.9	1949	3.41	30.2	11.6	2.6	18	0.6	4.2	0.4	2	1.54
1067219	Drill Core	2.56	0.054	0.5	34.0	42.0	139	0.5	2.2	17.8	1978	6.91	341.7	42.0	2.0	23	0.8	19.1	0.4	76	1.23
REP 1067219	QC			0.6	33.4	41.5	137	0.5	2.2	17.4	1974	6.82	336.1	43.7	1.9	22	1.1	20.0	0.4	76	1.22
Core Reject Duplicates																					
1067116	Drill Core	1.91	<0.005	<0.1	26.4	1.8	111	0.1	56.1	10.9	388	1.92	3.0	2.2	1.5	7	0.2	0.4	0.4	64	0.98
DUP 1067116	QC		<0.005	<0.1	25.8	1.6	112	0.1	56.5	11.2	386	1.94	2.3	2.7	1.5	8	0.3	0.4	0.3	64	1.02
1067151	Drill Core	4.98	<0.005	0.6	36.7	191.3	283	0.7	3.3	15.2	1106	4.63	9.4	12.8	0.8	36	2.7	1.2	0.5	96	1.78
DUP 1067151	QC		<0.005	0.6	36.7	192.5	279	0.7	3.3	15.2	1086	4.56	10.4	12.6	0.7	36	2.8	1.7	0.5	93	1.73
1067186	Drill Core	0.74	0.288	1.3	735.0	227.8	202	64.8	2.1	19.1	2032	5.80	528.8	264.9	0.8	39	2.4	239.7	42.0	20	2.06
DUP 1067186	QC		0.307	1.3	715.4	226.1	217	66.5	2.4	19.1	1942	5.87	536.9	296.3	0.8	37	2.6	221.8	39.9	19	2.01
1067221	Drill Core	2.24	8.549	0.5	186.0	6628	>10000	>100	1.3	7.7	284	8.57	>10000	7903	0.6	6	251.9	679.0	0.7	5	0.23
DUP 1067221	QC		8.289	0.5	190.3	6970	>10000	>100	1.2	7.6	293	8.70	>10000	8113	0.5	6	256.2	687.9	0.6	4	0.23
Reference Materials																					
STD AGPROOF	Standard																				

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Project: Charlotte Project
Report Date: November 14, 2011

QUALITY CONTROL REPORT WHI11001280.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
Pulp Duplicates																					
REP G1	QC	0.075	8	6	0.58	195	0.106	1	0.87	0.058	0.44	<0.1	<0.01	1.5	0.3	<0.05	5	<0.5	<0.2		
1067105	Core Pulp	0.055	7	46	0.76	128	0.120	2	1.64	0.172	0.26	0.4	<0.01	2.4	<0.1	0.13	5	1.8	0.5		
REP 1067105	QC	0.054	6	47	0.78	127	0.112	3	1.67	0.176	0.26	0.4	<0.01	2.3	<0.1	0.13	5	2.1	0.6		
1067115	Drill Core	0.085	4	143	1.32	34	0.108	2	1.14	0.104	0.09	<0.1	<0.01	4.4	<0.1	<0.05	4	<0.5	0.5		
REP 1067115	QC																				
1067154	Drill Core	0.080	4	<1	1.02	40	<0.001	3	0.43	0.003	0.23	0.1	0.02	9.1	0.5	2.00	1	0.5	<0.2		
REP 1067154	QC	0.077	4	<1	1.01	43	0.001	4	0.47	0.003	0.25	0.1	0.02	8.9	0.5	1.99	1	<0.5	<0.2		
1067158	Drill Core	0.063	8	1	0.03	110	<0.001	2	0.36	0.017	0.29	<0.1	0.05	4.6	0.3	0.42	1	1.0	0.4		
REP 1067158	QC	0.062	9	1	0.03	112	<0.001	3	0.38	0.017	0.29	0.1	0.05	4.7	0.3	0.42	1	0.6	0.5		
1067181	Drill Core	0.008	3	2	0.56	76	0.005	<1	0.60	0.026	0.20	<0.1	<0.01	2.3	0.1	1.41	2	<0.5	<0.2		
REP 1067181	QC																				
1067190	Drill Core	0.067	1	1	0.21	33	<0.001	2	0.38	0.003	0.22	0.2	0.08	3.3	0.9	6.88	<1	0.8	1.5		
REP 1067190	QC	0.069	1	1	0.24	32	<0.001	2	0.36	0.003	0.21	0.1	0.09	3.3	0.8	6.88	<1	0.8	1.5		
1067203	Drill Core	0.035	3	3	0.54	29	<0.001	3	0.32	0.003	0.25	0.2	0.02	1.4	0.2	3.57	<1	1.6	<0.2		
REP 1067203	QC	0.037	3	3	0.55	30	<0.001	2	0.33	0.003	0.25	0.2	0.02	1.4	0.2	3.65	<1	1.7	<0.2		
1067219	Drill Core	0.070	10	1	0.84	31	0.006	2	0.65	0.001	0.18	<0.1	0.07	14.0	0.3	1.81	3	0.6	<0.2		
REP 1067219	QC	0.072	11	1	0.84	32	0.006	<1	0.70	0.001	0.18	<0.1	0.07	14.3	0.3	1.80	3	<0.5	<0.2		
Core Reject Duplicates																					
1067116	Drill Core	0.088	5	161	1.55	48	0.114	1	1.27	0.127	0.12	<0.1	<0.01	5.4	<0.1	<0.05	4	<0.5	0.3		
DUP 1067116	QC	0.091	6	159	1.56	50	0.123	<1	1.29	0.136	0.12	0.1	<0.01	5.6	<0.1	<0.05	4	<0.5	0.4		
1067151	Drill Core	0.076	3	3	1.15	91	0.157	<1	1.87	0.082	0.40	<0.1	<0.01	8.5	0.2	1.23	7	<0.5	<0.2		
DUP 1067151	QC	0.076	3	3	1.13	90	0.152	1	1.79	0.071	0.38	<0.1	<0.01	8.1	0.2	1.23	6	<0.5	<0.2		
1067186	Drill Core	0.077	3	1	0.70	22	<0.001	3	0.46	0.005	0.29	0.3	0.29	8.7	1.0	5.73	1	1.4	7.5		
DUP 1067186	QC	0.078	3	2	0.68	23	<0.001	3	0.48	0.005	0.30	0.2	0.29	8.5	1.0	5.84	1	1.3	7.6		
1067221	Drill Core	0.037	<1	3	0.08	27	<0.001	3	0.24	0.002	0.16	0.1	0.35	2.6	1.0	7.34	1	1.3	<0.2	92	7.6
DUP 1067221	QC	0.035	<1	3	0.07	24	<0.001	2	0.21	0.002	0.15	0.1	0.33	2.5	0.9	7.40	1	1.2	<0.2	102	8.2
Reference Materials																					
STD AGPROOF	Standard																			89	<0.9

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		Method	7TD	7TD	7TD
		Analyte	Cu	Pb	Zn
		Unit	%	%	%
		MDL	0.001	0.02	0.01
Pulp Duplicates					
REP G1	QC				
1067105	Core Pulp				
REP 1067105	QC				
1067115	Drill Core				
REP 1067115	QC				
1067154	Drill Core				
REP 1067154	QC				
1067158	Drill Core				
REP 1067158	QC				
1067181	Drill Core				
REP 1067181	QC				
1067190	Drill Core				
REP 1067190	QC				
1067203	Drill Core				
REP 1067203	QC				
1067219	Drill Core				
REP 1067219	QC				
Core Reject Duplicates					
1067116	Drill Core				
DUP 1067116	QC				
1067151	Drill Core				
DUP 1067151	QC				
1067186	Drill Core				
DUP 1067186	QC				
1067221	Drill Core		0.019	0.63	1.56
DUP 1067221	QC		0.018	0.61	1.60
Reference Materials					
STD AGPROOF	Standard				

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		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 AGPROOF	Standard																				
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			12.3	102.7	127.2	295	1.7	37.8	6.8	571	2.34	24.8	98.8	7.1	64	2.2	5.4	6.7	39	0.66
STD DS8	Standard			12.8	113.9	129.8	314	1.9	39.3	7.6	626	2.55	25.3	112.6	7.2	66	2.4	6.1	7.3	42	0.72
STD DS8	Standard			13.3	112.3	122.3	307	1.7	38.0	7.8	605	2.48	26.1	105.6	6.5	64	2.3	5.3	6.3	41	0.70
STD DS8	Standard			13.7	115.5	127.5	320	1.9	39.7	8.0	616	2.52	26.7	155.3	7.0	67	2.5	5.6	7.2	42	0.71
STD DS8	Standard			13.1	116.3	122.5	311	1.7	37.7	7.8	596	2.53	24.5	105.5	6.8	67	2.2	5.3	6.8	40	0.69
STD DS8	Standard			13.5	111.3	121.0	294	1.7	39.2	8.0	574	2.43	22.9	99.4	6.9	58	2.1	4.8	6.2	41	0.70
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 DS8	Standard			13.2	118.0	128.5	316	1.8	40.1	7.9	618	2.64	26.4	111.3	7.8	67	2.5	6.0	7.2	45	0.72
STD OREAS131B	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OXH82	Standard		1.401																		
STD OXH82	Standard		1.275																		
STD OXH82	Standard		1.309																		
STD OXH82	Standard		1.247																		
STD OXH82	Standard		1.333																		
STD OXH82	Standard		1.367																		
STD OXH82	Standard		1.256																		
STD OXH82	Standard		1.311																		
STD OXH82	Standard		1.171																		
STD OXH82	Standard		1.288																		

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

Project: Charlotte Project
Report Date: November 14, 2011

QUALITY CONTROL REPORT WHI11001280.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
STD AGPROOF	Standard																			90	<0.9
STD AGPROOF	Standard																			94	<0.9
STD CDN-ME-3	Standard																			231	9.4
STD CDN-ME-3	Standard																			245	9.4
STD CDN-ME-3	Standard																			269	10.2
STD CDN-ME-3	Standard																			264	9.3
STD DS8	Standard	0.073	14	109	0.57	259	0.108	2	0.88	0.090	0.40	3.1	0.18	1.9	5.2	0.15	4	4.2	4.8		
STD DS8	Standard	0.083	15	120	0.63	288	0.124	3	0.96	0.088	0.45	3.0	0.20	2.2	5.6	0.17	5	5.6	5.0		
STD DS8	Standard	0.080	15	116	0.60	262	0.120	2	0.90	0.087	0.42	2.8	0.18	2.3	5.1	0.17	5	5.1	4.6		
STD DS8	Standard	0.082	15	119	0.62	278	0.120	3	0.91	0.082	0.43	3.1	0.22	2.1	5.4	0.17	5	5.2	5.1		
STD DS8	Standard	0.078	14	119	0.61	277	0.113	3	0.90	0.080	0.41	2.9	0.21	2.0	5.5	0.16	4	5.1	4.6		
STD DS8	Standard	0.075	14	117	0.60	260	0.118	2	0.90	0.083	0.40	2.8	0.19	1.9	5.0	0.16	4	4.3	4.6		
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 DS8	Standard	0.083	17	121	0.59	286	0.126	2	0.91	0.087	0.46	3.2	0.20	2.2	5.7	0.18	5	5.6	4.8		
STD OREAS131B	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	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																				

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QUALITY CONTROL REPORT WHI11001280.1

		7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01
STD AGPROOF	Standard			
STD AGPROOF	Standard			
STD CDN-ME-3	Standard			
STD CDN-ME-3	Standard			
STD CDN-ME-3	Standard			
STD CDN-ME-3	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD OREAS131B	Standard	0.021	1.82	3.17
STD OREAS131B	Standard	0.024	1.96	3.27
STD OREAS153A	Standard	0.698	<0.02	<0.01
STD OREAS131B	Standard	0.021	1.87	3.19
STD OREAS153A	Standard	0.716	<0.02	<0.01
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			

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		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 OXK79	Standard		3.752																		
STD OXK79	Standard		3.848																		
STD OXK79	Standard		3.562																		
STD OXK79	Standard		3.763																		
STD OXK79	Standard		3.702																		
STD OXK79	Standard		3.674																		
STD OXK79	Standard		3.650																		
STD OXK79	Standard		3.405																		
STD OXK79	Standard		3.479																		
STD SU-1B	Standard																				
STD SU-1B	Standard																				
STD SU-1B	Standard																				
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
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 CDN-ME-3 Expected																					
STD AGPROOF 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																		

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QUALITY CONTROL REPORT WHI11001280.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
STD OXK79	Standard																					
STD OXK79	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																					
STD SU-1B	Standard																					
STD SU-1B	Standard																					
STD OXH82 Expected																						
STD OXK79 Expected																						
STD OREAS131B Expected																						
STD SU-1B Expected																						
STD OREAS153A 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 CDN-ME-3 Expected																				276	9.77	
STD AGPROOF Expected																				94	0	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
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		7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01
STD OXK79	Standard			
STD OXK79	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	1.159	<0.02	0.03
STD SU-1B	Standard	1.176	<0.02	0.03
STD SU-1B	Standard	1.172	<0.02	0.03
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS131B Expected		0.0216	1.86	3.14
STD SU-1B Expected		1.185	0.0058	0.0235
STD OREAS153A Expected		0.712		0.0053
STD DS8 Expected				
STD CDN-ME-3 Expected				
STD AGPROOF Expected				
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			

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		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		<0.005																		
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
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																				
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			<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			<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																				
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																				

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QUALITY CONTROL REPORT WHI11001280.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																			<50	<0.9
BLK	Blank																			<50	<0.9
BLK	Blank																			<50	<0.9
BLK	Blank																			<50	<0.9
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																			<50	<0.9
BLK	Blank																			<50	<0.9
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	<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	<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	<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																			<50	<0.9

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Report Date: November 14, 2011

QUALITY CONTROL REPORT WHI11001280.1

		7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01
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			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.001	<0.02	<0.01
BLK	Blank			
BLK	Blank	<0.001	<0.02	<0.01
BLK	Blank	<0.001	<0.02	<0.01
BLK	Blank			
BLK	Blank			

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QUALITY CONTROL REPORT WHI11001280.1

		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																				
Prep Wash																					
G1	Prep Blank		<0.005	<0.1	2.6	4.5	45	<0.1	3.1	4.0	532	1.86	1.4	3.3	4.2	52	<0.1	0.3	<0.1	33	0.40
G1	Prep Blank		<0.005																		
G1	Prep Blank			0.1	2.2	7.2	49	0.1	3.2	4.2	549	1.91	3.1	2.9	4.7	53	<0.1	0.8	<0.1	35	0.46

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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: Charlotte Project
Report Date: November 14, 2011

QUALITY CONTROL REPORT WHI11001280.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
BLK	Blank																				<50	<0.9
Prep Wash																						
G1	Prep Blank	0.072	7	5	0.56	205	0.094	1	0.91	0.060	0.46	<0.1	<0.01	1.4	0.3	<0.05	5	<0.5	<0.2			
G1	Prep Blank																					
G1	Prep Blank	0.075	8	5	0.59	201	0.101	<1	0.90	0.061	0.45	<0.1	<0.01	1.6	0.3	<0.05	4	<0.5	<0.2			

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QUALITY CONTROL REPORT WHI11001280.1

		7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01
BLK	Blank			
Prep Wash				
G1	Prep Blank			
G1	Prep Blank			
G1	Prep Blank			

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Vancouver BC V6B 4N9 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: September 23, 2011
Report Date: October 27, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI11001489.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-031
P.O. Number
Number of Samples: 116

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	110	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	116	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	116	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
7TD	4	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN
G6Gr	6	Lead collection fire assay 30G fusion - Grav finish	30	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

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS WHI11001489.1

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
1067303	Drill Core	4.11	<0.005	0.4	77.8	10.1	87	0.2	9.6	19.7	809	4.03	14.9	6.1	1.1	35	0.2	3.1	0.3	121	1.43
1067304	Drill Core	2.45	<0.005	0.3	48.5	35.2	188	0.3	22.1	28.5	2536	4.03	25.7	5.4	0.7	175	1.1	14.5	0.3	135	11.02
1067305	Rock Pulp	0.14	>10	7.8	117.7	16.1	56	>100	15.4	10.6	587	3.58	231.3	11970	3.0	68	0.3	8.4	17.3	71	1.53
1067306	Drill Core	5.54	0.017	0.2	66.3	5.4	62	0.2	13.7	18.7	712	3.77	7.8	5.6	1.0	46	0.1	5.9	0.3	117	1.58
1067307	Drill Core	1.91	0.008	0.3	47.1	35.2	136	<0.1	14.5	19.9	826	4.71	34.6	2.2	1.2	104	0.4	4.7	1.0	157	1.60
1067308	Drill Core	5.51	0.010	0.4	23.5	85.5	198	0.3	11.5	17.5	1039	4.44	44.8	17.7	1.3	90	1.5	5.1	0.8	119	2.30
1067309	Drill Core	3.18	0.040	0.4	41.3	445.3	372	1.6	10.5	19.0	2620	4.06	20.4	21.6	1.5	128	4.5	8.5	0.4	81	7.00
1067310	Drill Core	3.58	<0.005	<0.1	61.0	5.3	50	0.1	10.6	14.5	1194	3.19	21.8	5.0	0.9	45	<0.1	6.2	0.3	66	2.36
1067311	Drill Core	2.53	<0.005	0.2	21.8	8.1	52	<0.1	2.1	10.9	499	3.64	21.7	5.6	1.5	33	0.2	3.7	0.4	54	1.57
1067312	Drill Core	2.77	<0.005	0.1	63.4	4.1	163	0.1	2.5	16.3	661	5.16	5.7	5.4	1.0	36	<0.1	5.4	0.2	99	1.40
1067313	Drill Core	2.67	<0.005	<0.1	90.7	3.7	492	0.2	3.9	22.8	1367	5.95	24.3	8.1	1.6	32	0.3	12.8	0.2	123	1.44
1067314	Drill Core	2.63	0.221	0.3	92.0	3679	>10000	18.6	4.3	18.4	2769	5.99	949.2	217.4	1.2	33	163.4	65.0	8.9	25	1.83
1067315	Rock	0.83	<0.005	0.2	1.0	2.2	18	<0.1	0.6	0.8	230	0.42	0.9	<0.5	<0.1	38	0.1	<0.1	<0.1	<2	21.11
1067316	Drill Core	5.19	0.028	0.1	71.0	58.5	890	5.3	3.7	17.2	2604	4.83	249.2	27.9	1.1	51	2.3	36.3	1.1	38	3.06
1067317	Drill Core	3.81	<0.005	0.2	29.4	2.9	392	0.1	3.7	14.0	397	3.61	105.9	3.4	0.4	20	0.4	3.0	0.6	74	1.11
1067318	Drill Core	3.90	<0.005	0.1	43.2	1.6	346	<0.1	1.8	13.3	531	4.44	48.8	2.5	0.7	18	1.0	2.7	0.3	94	0.69
1067319	Drill Core	6.19	<0.005	0.2	18.5	1.2	278	<0.1	1.5	14.4	534	4.98	21.6	0.8	1.4	8	0.8	1.5	0.2	103	0.47
1067320	Drill Core	2.15	<0.005	<0.1	33.5	2.8	639	<0.1	1.9	13.0	498	4.44	46.8	2.1	1.6	13	1.5	3.7	0.4	81	0.54
1067321	Drill Core	5.34	0.015	0.6	56.1	2.0	523	<0.1	1.4	12.6	498	4.30	74.0	8.2	1.7	9	2.1	4.4	0.6	70	0.59
1067322	Drill Core	3.29	0.015	0.2	18.3	1.7	1152	<0.1	4.1	9.5	927	3.59	44.0	1.4	0.9	12	2.1	2.3	0.3	42	0.42
1067323	Drill Core	2.50	<0.005	0.2	31.8	2.5	597	<0.1	1.6	10.5	423	3.85	175.8	2.9	1.2	17	2.4	54.7	1.2	28	0.35
1067324	Drill Core	3.52	<0.005	0.3	26.6	5.6	2067	<0.1	2.0	11.4	1116	4.23	238.2	0.9	1.5	23	3.9	121.6	0.4	30	0.47
1067325	Rock Pulp	0.14	0.391	9.5	133.3	7.7	49	0.2	27.1	37.0	516	3.28	1368	383.1	2.9	84	0.3	2.0	4.6	82	1.43
1067326	Drill Core	6.26	0.948	0.2	32.8	54.1	2669	0.8	3.0	13.0	2135	4.91	505.1	749.2	2.2	23	11.1	190.6	0.4	16	0.59
1067327	Drill Core	2.35	0.058	0.2	10.0	186.0	298	1.5	0.7	3.2	56	2.13	311.1	52.1	2.3	28	0.9	42.8	0.5	4	0.07
1067328	Drill Core	3.48	0.054	0.5	7.9	98.6	342	1.4	1.5	3.9	413	2.55	338.3	58.2	2.3	24	8.5	30.8	0.8	3	0.09
1067329	Drill Core	4.76	0.140	0.3	9.5	127.1	90	1.9	1.2	1.5	52	1.35	256.4	144.4	2.4	26	2.9	28.5	0.3	<2	0.05
1067330	Drill Core	5.15	0.230	0.2	16.3	318.5	1109	4.9	3.1	3.4	650	2.70	1212	258.3	3.4	12	30.6	39.1	0.4	2	0.28
1067331	Drill Core	5.69	0.297	0.5	11.7	25.4	2065	1.3	5.6	6.8	865	2.55	354.6	301.6	3.0	27	11.7	31.1	0.7	7	0.59
1067332	Drill Core	4.29	0.113	0.2	22.4	327.4	78	5.0	0.8	1.5	32	1.79	278.4	114.2	2.9	25	0.9	50.5	0.5	<2	0.04

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS WHI11001489.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Pb
	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	0.02
1067303	Drill Core	0.070	4	11	1.48	162	0.141	<1	2.05	0.074	0.61	<0.1	<0.01	8.8	0.2	0.67	7	<0.5	<0.2		
1067304	Drill Core	0.051	7	11	2.99	42	0.013	<1	0.96	0.004	0.19	0.1	0.18	14.9	0.3	0.60	2	0.7	<0.2		
1067305	Rock Pulp	0.051	7	24	0.72	109	0.125	3	1.63	0.162	0.21	4.1	0.46	2.3	<0.1	0.18	5	6.4	2.6		
1067306	Drill Core	0.061	4	14	1.47	140	0.077	<1	2.05	0.079	0.55	<0.1	0.01	8.7	0.3	0.70	6	<0.5	<0.2		
1067307	Drill Core	0.069	5	24	2.46	247	0.070	<1	3.35	0.028	0.88	<0.1	<0.01	13.6	0.8	0.67	9	0.7	0.5		
1067308	Drill Core	0.065	6	16	1.73	139	0.085	<1	2.58	0.017	0.80	<0.1	0.04	11.9	0.4	1.25	8	<0.5	0.3		
1067309	Drill Core	0.049	7	7	2.04	93	0.015	<1	0.97	0.005	0.25	0.1	0.12	9.7	0.1	1.54	2	<0.5	<0.2		
1067310	Drill Core	0.057	4	14	1.11	145	0.074	<1	2.02	0.077	0.28	<0.1	<0.01	6.7	<0.1	0.80	6	<0.5	<0.2		
1067311	Drill Core	0.069	4	3	0.97	51	0.069	<1	1.56	0.039	0.40	<0.1	<0.01	7.0	0.1	1.74	5	<0.5	<0.2		
1067312	Drill Core	0.059	4	2	1.39	164	0.134	<1	2.98	0.043	0.84	<0.1	<0.01	10.3	0.2	0.77	8	<0.5	<0.2		
1067313	Drill Core	0.073	8	2	1.58	212	0.185	<1	2.54	0.009	1.39	0.1	0.04	17.9	0.2	0.69	8	<0.5	<0.2		
1067314	Drill Core	0.064	3	1	0.66	31	0.002	1	0.40	0.003	0.21	0.2	0.13	5.3	0.3	5.01	1	1.6	0.5	0.009	0.34
1067315	Rock	0.014	<1	<1	10.10	12	0.001	<1	0.03	0.001	0.02	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1067316	Drill Core	0.073	5	2	1.02	31	0.001	<1	0.66	0.003	0.23	0.1	0.06	9.4	0.3	3.56	2	1.2	0.3		
1067317	Drill Core	0.069	2	4	0.90	63	0.143	<1	1.63	0.049	0.25	0.2	<0.01	4.9	<0.1	1.71	5	0.9	0.4		
1067318	Drill Core	0.075	3	2	1.60	71	0.223	<1	2.19	0.055	1.00	0.1	<0.01	9.5	0.4	0.94	8	0.5	<0.2		
1067319	Drill Core	0.076	6	3	1.77	174	0.198	<1	2.34	0.048	1.29	<0.1	<0.01	11.8	0.3	0.68	9	<0.5	<0.2		
1067320	Drill Core	0.090	7	2	1.39	82	0.122	<1	1.87	0.038	0.65	<0.1	<0.01	8.7	0.2	1.30	8	<0.5	<0.2		
1067321	Drill Core	0.084	7	2	1.22	53	0.136	<1	1.59	0.073	0.37	0.1	<0.01	8.1	0.1	1.86	7	<0.5	0.3		
1067322	Drill Core	0.074	3	18	0.89	102	0.147	<1	1.53	0.052	0.45	0.1	<0.01	6.6	0.1	0.81	6	<0.5	<0.2		
1067323	Drill Core	0.078	4	3	0.64	35	0.050	<1	1.16	0.049	0.13	0.1	<0.01	5.4	<0.1	2.73	5	0.8	0.5		
1067324	Drill Core	0.083	6	1	0.64	31	0.051	<1	1.46	0.027	0.27	<0.1	<0.01	6.9	0.1	1.72	5	0.8	<0.2		
1067325	Rock Pulp	0.057	7	48	0.78	129	0.138	4	1.77	0.189	0.27	0.4	<0.01	2.6	<0.1	0.13	5	2.2	0.8		
1067326	Drill Core	0.099	7	1	0.25	53	0.001	1	0.75	0.003	0.20	<0.1	0.08	6.5	0.4	2.23	2	0.6	<0.2		
1067327	Drill Core	0.019	6	1	0.04	57	<0.001	2	0.30	0.006	0.24	<0.1	0.09	1.6	0.7	1.13	1	0.6	<0.2		
1067328	Drill Core	0.019	6	3	0.04	53	<0.001	2	0.37	0.004	0.22	<0.1	0.02	1.0	0.3	2.07	<1	0.5	0.3		
1067329	Drill Core	0.007	7	4	0.03	56	<0.001	2	0.27	0.004	0.18	<0.1	0.02	0.7	0.3	1.02	<1	<0.5	<0.2		
1067330	Drill Core	0.030	5	4	0.10	31	0.001	2	0.38	0.002	0.20	<0.1	0.03	0.7	0.4	2.56	<1	0.6	0.2		
1067331	Drill Core	0.028	6	10	0.24	30	<0.001	1	0.44	0.002	0.17	<0.1	0.03	2.8	0.3	1.92	<1	0.9	0.2		
1067332	Drill Core	0.008	6	3	0.02	54	<0.001	2	0.24	0.002	0.18	<0.1	0.08	0.7	0.4	1.71	<1	<0.5	<0.2		

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Method		7TD	G6Gr	G6Gr
Analyte		Zn	Ag	Au
Unit		%	gm/t	gm/t
MDL		0.01	50	0.9
1067303	Drill Core			
1067304	Drill Core			
1067305	Rock Pulp		163	11.2
1067306	Drill Core			
1067307	Drill Core			
1067308	Drill Core			
1067309	Drill Core			
1067310	Drill Core			
1067311	Drill Core			
1067312	Drill Core			
1067313	Drill Core			
1067314	Drill Core	1.48		
1067315	Rock			
1067316	Drill Core			
1067317	Drill Core			
1067318	Drill Core			
1067319	Drill Core			
1067320	Drill Core			
1067321	Drill Core			
1067322	Drill Core			
1067323	Drill Core			
1067324	Drill Core			
1067325	Rock Pulp			
1067326	Drill Core			
1067327	Drill Core			
1067328	Drill Core			
1067329	Drill Core			
1067330	Drill Core			
1067331	Drill Core			
1067332	Drill Core			

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CERTIFICATE OF ANALYSIS WHI11001489.1

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
1067333	Drill Core	4.50	>10	0.3	3413	>10000	>10000	>100	0.7	1.7	312	14.03	>10000	56227	1.1	20	525.4	>2000	1.0	5	0.02
1067334	Drill Core	2.37	>10	0.2	2999	>10000	>10000	>100	0.6	1.5	268	13.30	>10000	58591	1.4	28	483.2	>2000	0.8	4	0.02
1067335	Rock	0.78	0.085	<0.1	9.1	135.4	60	5.5	2.3	0.6	202	0.43	152.7	80.3	<0.1	34	1.4	23.0	<0.1	<2	19.05
1067336	Rock	0.79	<0.005	0.1	1.2	2.5	18	<0.1	2.2	0.6	243	0.45	3.2	1.4	<0.1	41	<0.1	0.1	<0.1	<2	21.93
1067337	Drill Core	3.27	0.155	0.2	66.1	1480	106	33.8	1.0	1.0	30	2.00	562.6	186.3	3.7	15	6.4	129.8	1.6	<2	0.05
1067338	Drill Core	5.75	0.309	0.2	38.9	510.3	122	10.5	1.2	2.2	27	2.06	260.5	422.2	2.6	17	1.5	62.0	0.6	<2	0.04
1067339	Drill Core	2.45	>10	0.8	1522	>10000	6644	>100	2.6	4.7	287	5.68	>10000	28077	2.3	33	235.8	1008	2.3	5	0.20
1067340	Rock	0.73	<0.005	0.1	2.2	5.8	13	0.2	1.0	0.7	208	0.44	3.9	8.3	<0.1	38	0.1	0.4	<0.1	<2	21.14
1067341	Drill Core	6.13	0.053	0.4	22.7	57.6	675	0.8	3.1	21.2	1061	5.50	86.7	51.2	1.7	53	0.7	11.5	0.6	78	2.78
1067342	Drill Core	3.55	0.019	0.1	30.6	30.0	85	0.5	3.3	19.9	1034	5.33	24.4	20.7	1.6	43	0.3	15.8	0.3	96	1.57
1067343	Drill Core	4.74	<0.005	1.8	38.3	6.2	48	<0.1	2.2	16.5	698	4.64	13.5	5.7	1.3	50	0.1	36.3	0.3	91	2.00
1067344	Drill Core	4.59	<0.005	0.7	18.6	10.3	126	0.1	1.2	13.8	966	4.83	9.4	6.4	1.6	58	0.1	10.3	0.3	55	2.70
1067345	Rock Pulp	0.14	>10	7.9	121.8	16.4	55	>100	16.0	11.4	610	3.52	237.2	12077	2.9	68	0.4	8.4	16.5	71	1.59
1067346	Drill Core	4.92	0.007	0.5	22.3	5.9	89	<0.1	2.1	20.7	782	4.69	8.1	6.1	2.0	81	0.1	8.6	0.3	83	3.08
1067347	Drill Core	6.18	0.006	0.3	18.8	7.2	58	0.1	2.5	21.1	769	5.65	6.4	6.5	1.9	76	0.1	5.3	0.2	104	2.63
1067348	Drill Core	6.76	<0.005	0.4	20.6	3.7	50	<0.1	3.8	18.5	984	4.75	4.8	3.7	2.0	71	<0.1	3.6	0.3	100	2.73
1067349	Drill Core	7.11	0.005	0.4	24.9	5.1	48	<0.1	5.9	16.9	718	4.60	4.1	8.5	1.9	45	<0.1	3.3	0.2	102	1.75
1067350	Drill Core	6.13	0.005	1.6	50.4	4.6	29	<0.1	2.1	8.4	202	3.42	3.9	5.4	3.0	34	<0.1	6.6	0.3	20	1.29
1067351	Drill Core	3.46	0.006	1.6	13.4	10.2	294	<0.1	3.2	6.6	508	2.39	7.4	5.6	3.2	59	0.3	3.5	0.2	12	2.80
1067352	Drill Core	5.84	0.013	0.7	1.8	8.4	57	<0.1	0.9	2.7	363	1.51	6.4	2.3	2.8	35	<0.1	1.7	0.2	4	1.82
1067353	Drill Core	6.46	<0.005	0.8	0.7	4.5	123	<0.1	0.9	2.5	318	1.74	5.5	1.8	3.3	30	0.2	1.9	0.3	3	1.46
1067354	Drill Core	5.57	<0.005	1.8	1.3	5.0	68	<0.1	3.8	9.9	274	2.71	3.2	4.0	4.3	29	<0.1	1.6	0.5	17	1.34
1067355	Drill Core	2.69	<0.005	2.0	1.5	5.1	77	<0.1	3.8	13.7	290	3.11	4.0	2.5	4.5	31	<0.1	1.6	0.6	22	1.40
1067356	Drill Core	6.04	<0.005	4.7	3.5	4.2	64	<0.1	3.5	7.5	551	3.14	155.1	7.5	3.4	44	0.1	4.7	0.3	20	2.04
1067357	Drill Core	6.41	<0.005	1.6	0.8	3.7	70	<0.1	4.1	4.5	416	2.24	7.4	2.0	3.3	46	<0.1	1.6	0.2	6	2.26
1067358	Drill Core	4.68	<0.005	2.2	0.6	3.6	74	<0.1	0.9	2.6	214	2.07	1.2	1.7	3.6	35	<0.1	0.8	0.2	3	1.28
1067359	Drill Core	3.15	<0.005	<0.1	4.7	5.1	278	<0.1	1.5	3.8	523	1.63	2.4	<0.5	3.9	23	0.3	1.6	0.1	8	1.24
1067360	Drill Core	5.72	<0.005	0.9	1.4	4.8	128	<0.1	1.0	2.9	372	1.90	1.8	2.6	3.1	30	0.2	1.2	0.1	3	1.51
1067361	Drill Core	5.77	<0.005	<0.1	2.6	6.3	53	<0.1	0.9	2.4	407	1.46	35.6	5.9	3.1	49	<0.1	2.3	0.1	3	2.24
1067362	Drill Core	4.74	<0.005	2.6	1.0	5.8	102	<0.1	1.9	3.4	356	2.07	6.7	1.2	3.2	40	0.4	1.1	0.2	3	2.08

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Project: Charlotte Project
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS WHI11001489.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Pb
	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	0.02
1067333	Drill Core	0.009	<1	3	0.01	34	<0.001	2	0.17	<0.001	0.10	<0.1	1.64	0.3	1.7	9.97	2	2.1	<0.2	0.377	5.86
1067334	Drill Core	0.011	<1	3	0.01	37	<0.001	2	0.17	<0.001	0.11	<0.1	1.48	0.3	1.6	9.42	2	1.6	<0.2	0.289	4.50
1067335	Rock	0.014	<1	<1	10.78	11	<0.001	<1	0.02	0.001	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1067336	Rock	0.013	<1	<1	11.58	10	<0.001	1	0.02	0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1067337	Drill Core	0.008	3	1	<0.01	53	<0.001	3	0.25	0.003	0.20	<0.1	0.06	0.4	0.5	1.79	<1	<0.5	<0.2		
1067338	Drill Core	0.008	4	2	0.02	47	<0.001	3	0.26	0.003	0.19	<0.1	0.04	0.4	0.4	1.87	<1	0.6	<0.2		
1067339	Drill Core	0.041	2	<1	0.07	39	<0.001	2	0.32	0.003	0.17	0.2	0.57	1.6	0.6	4.74	1	0.8	<0.2	0.149	1.84
1067340	Rock	0.014	<1	<1	11.15	16	<0.001	<1	0.03	0.001	0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1067341	Drill Core	0.072	8	1	0.98	24	0.003	1	0.78	0.002	0.12	<0.1	0.06	18.7	0.2	4.41	2	1.6	0.3		
1067342	Drill Core	0.070	9	3	1.08	80	0.090	1	1.35	0.003	0.58	<0.1	0.08	18.5	0.3	1.56	4	0.8	<0.2		
1067343	Drill Core	0.065	7	1	0.79	56	0.051	<1	1.21	0.002	0.38	<0.1	0.08	13.0	0.2	1.54	4	0.5	<0.2		
1067344	Drill Core	0.075	10	2	0.98	19	0.003	1	0.84	0.002	0.13	<0.1	0.02	13.3	0.1	2.49	2	0.7	<0.2		
1067345	Rock Pulp	0.047	7	25	0.74	109	0.123	4	1.71	0.189	0.23	4.2	0.48	2.6	<0.1	0.17	5	5.5	2.7		
1067346	Drill Core	0.086	12	<1	1.15	76	0.022	<1	1.04	0.002	0.22	<0.1	0.15	16.6	0.1	2.38	4	0.9	<0.2		
1067347	Drill Core	0.058	9	2	1.48	68	0.055	<1	1.91	0.026	0.66	<0.1	0.01	13.9	0.3	2.13	6	<0.5	<0.2		
1067348	Drill Core	0.053	9	6	1.44	72	0.049	<1	1.66	0.035	0.56	<0.1	<0.01	13.8	0.3	1.42	6	<0.5	<0.2		
1067349	Drill Core	0.057	9	16	1.53	90	0.102	<1	1.76	0.053	0.85	<0.1	<0.01	13.0	0.3	1.43	6	<0.5	<0.2		
1067350	Drill Core	0.052	11	5	0.62	58	0.029	<1	1.29	0.023	0.27	<0.1	<0.01	7.3	0.1	2.05	4	1.1	<0.2		
1067351	Drill Core	0.043	11	3	0.73	39	0.007	1	0.72	0.005	0.19	<0.1	0.03	4.9	0.2	1.38	2	0.6	<0.2		
1067352	Drill Core	0.019	6	2	0.67	82	<0.001	1	0.50	0.004	0.16	<0.1	<0.01	1.9	0.2	0.88	1	<0.5	<0.2		
1067353	Drill Core	0.013	6	<1	0.71	61	0.008	2	0.72	0.004	0.33	<0.1	<0.01	2.8	0.2	0.72	3	<0.5	<0.2		
1067354	Drill Core	0.043	10	9	0.84	64	0.027	<1	1.21	0.004	0.46	<0.1	0.01	5.0	0.2	1.87	4	0.5	0.2		
1067355	Drill Core	0.054	9	7	0.87	59	0.033	1	1.19	0.004	0.47	<0.1	<0.01	5.4	0.2	2.24	5	<0.5	0.4		
1067356	Drill Core	0.041	6	4	0.96	63	0.029	<1	0.88	0.005	0.41	<0.1	0.06	3.7	1.4	2.30	3	0.6	<0.2		
1067357	Drill Core	0.028	7	5	0.96	76	0.004	2	0.49	0.004	0.27	<0.1	0.01	3.0	0.2	1.30	1	<0.5	<0.2		
1067358	Drill Core	0.016	5	3	0.76	71	0.009	1	0.75	0.007	0.39	0.2	0.01	1.5	0.2	1.51	2	0.7	<0.2		
1067359	Drill Core	0.032	9	<1	0.49	47	0.005	1	0.73	0.002	0.18	<0.1	0.04	2.2	0.1	0.57	2	<0.5	<0.2		
1067360	Drill Core	0.020	8	3	0.74	86	0.006	2	0.75	0.004	0.33	0.1	0.01	1.5	0.2	1.02	2	<0.5	<0.2		
1067361	Drill Core	0.022	6	<1	0.83	39	<0.001	2	0.42	0.003	0.20	<0.1	0.04	1.6	0.3	0.67	1	<0.5	<0.2		
1067362	Drill Core	0.013	6	3	0.87	72	0.003	2	0.56	0.005	0.26	<0.1	0.01	2.0	0.2	1.24	1	<0.5	<0.2		

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Project: Charlotte Project
Report Date: October 27, 2011

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Method		7TD	G6Gr	G6Gr
Analyte		Zn	Ag	Au
Unit		%	gm/t	gm/t
MDL		0.01	50	0.9
1067333	Drill Core	2.88	1846	53.5
1067334	Drill Core	2.37	1884	51.6
1067335	Rock			
1067336	Rock			
1067337	Drill Core			
1067338	Drill Core			
1067339	Drill Core	0.67	284	21.0
1067340	Rock			
1067341	Drill Core			
1067342	Drill Core			
1067343	Drill Core			
1067344	Drill Core			
1067345	Rock Pulp		172	11.9
1067346	Drill Core			
1067347	Drill Core			
1067348	Drill Core			
1067349	Drill Core			
1067350	Drill Core			
1067351	Drill Core			
1067352	Drill Core			
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1067355	Drill Core			
1067356	Drill Core			
1067357	Drill Core			
1067358	Drill Core			
1067359	Drill Core			
1067360	Drill Core			
1067361	Drill Core			
1067362	Drill Core			

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	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
1067363	Drill Core	6.39	<0.005	0.2	0.4	2.7	93	<0.1	1.5	1.6	326	1.27	4.0	2.0	3.4	37	0.2	0.9	<0.1	<2	1.78
1067364	Drill Core	4.21	0.007	0.7	2.1	5.9	95	0.1	1.3	2.6	761	1.82	18.5	6.2	2.8	58	0.6	1.8	0.1	4	2.84
1067365	Rock Pulp	0.14	0.412	10.7	140.2	7.6	52	0.2	27.2	38.0	492	3.25	1384	403.5	3.1	80	0.2	2.0	4.6	83	1.42
1067366	Drill Core	5.23	<0.005	0.3	4.2	3.9	48	<0.1	1.4	4.9	302	1.92	3.6	2.4	2.7	31	0.1	1.3	0.2	2	1.58
1067367	Drill Core	4.81	<0.005	0.8	1.2	3.6	70	<0.1	0.7	3.1	241	1.79	1.4	<0.5	3.1	30	0.1	0.8	0.2	4	1.34
1067368	Drill Core	4.10	<0.005	0.7	0.7	3.5	258	<0.1	1.4	2.5	399	1.46	0.7	<0.5	2.8	27	0.6	0.8	<0.1	4	1.40
1067369	Drill Core	6.16	<0.005	7.1	3.5	7.4	274	<0.1	18.1	11.4	849	2.68	72.8	1.8	3.4	87	1.3	4.0	0.3	26	3.83
1067370	Drill Core	6.69	<0.005	4.1	1.1	7.4	154	<0.1	5.3	3.9	685	2.04	26.2	<0.5	3.0	48	1.0	2.2	0.2	9	2.54
1067371	Drill Core	2.97	0.017	0.9	1.6	7.7	151	<0.1	2.0	2.3	931	1.59	51.6	3.9	2.3	50	1.0	1.8	0.2	4	2.74
1067372	Drill Core	6.00	0.033	8.3	4.5	52.9	208	0.5	6.3	4.8	985	4.36	73.9	21.7	2.3	59	1.6	6.0	0.5	7	2.98
1067373	Drill Core	5.18	0.024	5.1	5.0	25.1	273	0.4	4.5	4.5	663	5.15	41.8	8.4	2.4	44	2.0	2.6	0.7	5	2.05
1067374	Drill Core	6.70	0.026	0.8	3.1	14.2	236	0.3	8.6	7.9	1071	2.76	107.3	21.6	2.6	72	2.9	2.6	0.5	12	3.13
1067375	Rock	0.72	0.028	0.1	0.6	1.7	17	<0.1	1.4	0.7	247	0.47	0.9	<0.5	<0.1	45	0.1	<0.1	<0.1	<2	22.37
1067376	Drill Core	3.35	<0.005	2.0	5.5	6.4	210	0.1	3.0	4.0	510	1.37	5.7	1.5	3.2	20	2.9	1.6	0.2	2	1.14
1067377	Drill Core	6.14	<0.005	0.2	3.5	5.7	74	0.1	2.7	4.1	359	1.35	4.1	1.2	2.7	20	0.5	1.1	0.2	2	1.10
1067378	Drill Core	5.48	<0.005	0.4	4.9	17.1	129	0.3	3.8	6.6	990	1.95	13.7	3.0	2.8	33	1.1	2.2	0.4	9	1.69
1067379	Drill Core	4.29	<0.005	0.3	10.9	13.0	104	0.3	6.0	10.5	1337	3.07	16.2	3.8	2.5	37	0.2	3.0	0.4	21	1.89
1067380	Drill Core	5.00	0.015	0.3	33.7	26.2	177	0.6	7.9	10.9	1431	3.18	32.4	7.5	1.9	37	0.8	7.3	0.5	16	2.15
1067381	Drill Core	6.28	0.035	0.6	6.6	79.7	65	0.8	3.7	5.3	1052	2.33	105.3	30.1	3.9	17	0.7	2.9	0.2	4	1.05
1067382	Drill Core	4.73	0.110	0.3	5.0	138.9	1096	1.0	17.3	4.2	473	1.27	437.4	71.4	3.0	9	14.7	3.7	0.2	3	0.45
1067383	Drill Core	5.51	0.049	0.4	8.9	132.8	464	2.6	1.1	2.4	957	1.55	189.8	41.0	2.4	16	6.3	3.5	0.2	<2	0.86
1067384	Drill Core	6.08	0.025	0.3	7.2	102.3	341	0.8	5.8	5.9	1056	2.00	82.1	23.9	2.8	30	4.2	3.6	0.3	7	1.54
1067385	Rock Pulp	0.14	>10	7.2	110.0	15.5	53	>100	14.6	10.4	568	3.46	219.7	11650	2.7	70	0.4	8.2	15.7	68	1.57
1067386	Drill Core	5.24	0.007	0.5	1.8	32.4	88	0.3	0.9	2.9	765	1.11	43.3	9.1	1.4	25	0.7	2.2	0.2	<2	1.07
1067387	Drill Core	2.28	0.014	1.0	2.1	31.7	44	0.3	0.7	2.6	456	1.00	15.5	5.0	0.3	16	0.3	1.4	0.3	<2	0.86
1067388	Drill Core	6.34	<0.005	0.6	3.6	9.7	17	<0.1	1.1	8.2	321	1.88	4.6	3.6	3.8	25	<0.1	2.0	0.3	13	1.30
1067389	Drill Core	6.23	0.009	3.2	59.7	6.4	29	0.1	3.2	12.3	427	2.79	32.8	6.9	10.8	24	0.2	17.0	0.6	26	1.17
1067390	Drill Core	3.43	0.066	22.5	67.5	1430	175	2.3	5.8	13.3	1687	2.86	129.2	22.8	6.8	34	2.7	18.8	0.6	10	1.81
1067391	Drill Core	6.09	<0.005	2.3	8.3	2209	197	3.4	1.4	3.6	1825	1.37	65.0	5.7	3.3	35	2.9	6.4	0.1	<2	1.82
1067392	Drill Core	7.37	0.037	1.1	3.9	233.7	736	1.8	0.9	3.8	2152	1.84	123.2	32.7	2.8	32	9.6	8.9	0.2	3	1.55

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Project: Charlotte Project
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS WHI11001489.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Pb
	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	0.02
1067363	Drill Core	0.011	7	<1	0.76	351	<0.001	2	0.37	0.004	0.24	<0.1	<0.01	1.0	0.2	0.39	<1	<0.5	<0.2		
1067364	Drill Core	0.014	5	3	1.02	27	<0.001	3	0.40	0.003	0.21	<0.1	0.02	2.3	0.3	0.79	1	<0.5	<0.2		
1067365	Rock Pulp	0.057	7	49	0.79	133	0.126	3	1.84	0.215	0.29	0.4	<0.01	2.9	<0.1	0.12	5	1.6	0.6		
1067366	Drill Core	0.020	5	4	0.63	84	0.001	2	0.54	0.004	0.21	<0.1	<0.01	1.5	0.1	1.32	1	<0.5	<0.2		
1067367	Drill Core	0.017	4	<1	0.69	64	0.004	1	0.64	0.007	0.28	<0.1	0.01	1.8	0.2	0.89	2	<0.5	<0.2		
1067368	Drill Core	0.020	7	5	0.78	232	0.016	2	0.85	0.004	0.41	<0.1	0.02	2.3	0.2	0.25	2	<0.5	<0.2		
1067369	Drill Core	0.100	9	33	1.41	63	0.002	3	0.67	0.004	0.30	<0.1	0.08	8.9	1.1	1.44	2	0.5	<0.2		
1067370	Drill Core	0.025	11	7	0.87	96	<0.001	1	0.54	0.003	0.13	<0.1	0.08	4.7	0.4	1.08	1	0.6	<0.2		
1067371	Drill Core	0.011	6	3	0.99	67	<0.001	2	0.34	0.003	0.17	<0.1	0.04	2.9	0.2	0.69	<1	<0.5	<0.2		
1067372	Drill Core	0.028	3	3	1.08	26	<0.001	3	0.33	0.003	0.21	0.1	0.14	2.1	0.8	4.09	<1	0.9	<0.2		
1067373	Drill Core	0.020	2	2	0.76	12	<0.001	2	0.43	0.003	0.19	<0.1	0.06	1.7	0.4	5.13	1	1.4	<0.2		
1067374	Drill Core	0.070	4	7	1.06	36	<0.001	3	0.39	0.003	0.22	<0.1	0.04	4.0	0.4	2.05	<1	<0.5	<0.2		
1067375	Rock	0.015	<1	<1	11.36	26	<0.001	<1	0.03	0.002	0.02	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1067376	Drill Core	0.016	5	2	0.37	125	<0.001	2	0.45	0.002	0.15	<0.1	0.03	1.5	0.2	0.84	<1	0.5	<0.2		
1067377	Drill Core	0.017	5	3	0.37	118	<0.001	3	0.46	0.003	0.15	<0.1	<0.01	1.3	0.2	0.92	<1	<0.5	<0.2		
1067378	Drill Core	0.035	6	3	0.56	111	<0.001	3	0.37	0.003	0.23	<0.1	0.02	2.5	0.3	1.00	1	<0.5	<0.2		
1067379	Drill Core	0.035	6	4	0.69	65	<0.001	2	0.42	0.003	0.23	<0.1	0.03	4.3	0.3	1.57	1	<0.5	<0.2		
1067380	Drill Core	0.056	6	2	0.75	35	<0.001	3	0.41	0.003	0.24	<0.1	0.03	3.8	0.5	2.08	<1	<0.5	<0.2		
1067381	Drill Core	0.046	6	4	0.34	47	<0.001	3	0.38	0.002	0.23	<0.1	0.01	1.4	0.3	2.25	<1	<0.5	<0.2		
1067382	Drill Core	0.026	5	5	0.14	64	<0.001	2	0.32	0.002	0.19	<0.1	0.04	1.3	0.2	1.16	<1	<0.5	<0.2		
1067383	Drill Core	0.013	3	4	0.29	61	<0.001	2	0.29	0.002	0.20	<0.1	0.02	0.6	0.2	1.45	<1	0.5	<0.2		
1067384	Drill Core	0.043	6	6	0.47	75	<0.001	2	0.54	0.002	0.19	<0.1	0.04	3.7	0.3	1.41	1	<0.5	<0.2		
1067385	Rock Pulp	0.048	7	23	0.71	106	0.123	3	1.66	0.179	0.22	3.9	0.47	2.5	<0.1	0.17	5	4.9	2.5		
1067386	Drill Core	0.016	3	2	0.34	132	<0.001	3	0.33	0.003	0.20	<0.1	0.02	0.8	0.2	0.77	<1	<0.5	<0.2		
1067387	Drill Core	0.028	<1	2	0.31	86	<0.001	3	0.36	0.002	0.24	<0.1	<0.01	0.5	0.2	0.80	<1	<0.5	<0.2		
1067388	Drill Core	0.064	15	2	0.37	48	<0.001	1	0.56	0.001	0.07	<0.1	0.02	4.7	<0.1	1.25	1	0.7	<0.2		
1067389	Drill Core	0.069	22	2	0.33	42	<0.001	3	0.75	0.001	0.14	0.1	0.05	5.6	0.2	2.30	1	1.4	0.2		
1067390	Drill Core	0.059	10	2	0.56	47	<0.001	3	0.44	0.002	0.25	0.1	0.06	3.3	0.6	2.61	<1	1.0	<0.2		
1067391	Drill Core	0.021	5	4	0.54	77	<0.001	3	0.36	0.003	0.24	<0.1	0.01	1.4	0.3	0.80	<1	<0.5	<0.2		
1067392	Drill Core	0.020	3	4	0.47	55	<0.001	4	0.31	0.003	0.21	0.2	0.05	1.6	0.3	1.29	<1	<0.5	<0.2		

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Method		7TD	G6Gr	G6Gr
Analyte		Zn	Ag	Au
Unit		%	gm/t	gm/t
MDL		0.01	50	0.9
1067363	Drill Core			
1067364	Drill Core			
1067365	Rock Pulp			
1067366	Drill Core			
1067367	Drill Core			
1067368	Drill Core			
1067369	Drill Core			
1067370	Drill Core			
1067371	Drill Core			
1067372	Drill Core			
1067373	Drill Core			
1067374	Drill Core			
1067375	Rock			
1067376	Drill Core			
1067377	Drill Core			
1067378	Drill Core			
1067379	Drill Core			
1067380	Drill Core			
1067381	Drill Core			
1067382	Drill Core			
1067383	Drill Core			
1067384	Drill Core			
1067385	Rock Pulp		173	11.8
1067386	Drill Core			
1067387	Drill Core			
1067388	Drill Core			
1067389	Drill Core			
1067390	Drill Core			
1067391	Drill Core			
1067392	Drill Core			

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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
1067393	Drill Core	4.85	0.036	0.3	2.3	54.5	53	1.0	0.8	2.5	1722	1.26	84.9	31.6	3.3	33	0.5	5.4	0.1	<2	1.30
1067394	Drill Core	3.59	0.005	1.9	1.8	15.0	32	0.2	0.8	2.6	1235	1.72	24.7	2.3	3.0	36	0.2	1.9	0.2	3	1.95
1067395	Drill Core	1.86	0.005	2.3	4.5	23.2	49	0.3	0.9	4.1	1286	1.91	46.5	3.4	2.9	38	0.5	3.3	0.2	4	2.11
1067396	Drill Core	5.93	0.006	2.4	2.5	592.0	314	1.8	1.1	3.7	990	1.78	33.0	2.0	2.7	31	4.7	3.0	0.2	4	1.63
1067397	Drill Core	3.75	0.009	0.2	2.1	48.5	87	0.5	8.4	6.2	1865	2.08	149.8	6.9	3.1	53	0.7	5.4	0.2	6	2.43
1067398	Drill Core	4.06	0.010	0.3	3.7	14.4	63	0.2	39.4	18.6	3406	2.88	256.0	7.8	3.1	82	0.1	6.5	0.4	39	3.72
1067399	Drill Core	2.60	0.009	1.7	2.8	25.7	41	0.4	2.9	2.1	1120	1.07	58.8	9.2	3.9	17	0.5	4.6	0.2	3	0.83
1067400	Drill Core	4.22	2.387	0.6	20.9	753.5	4114	5.8	2.1	6.7	240	4.58	>10000	2245	0.5	7	53.5	101.8	0.4	4	0.31
1067401	Rock	0.74	0.006	<0.1	3.0	2.0	15	<0.1	1.9	0.8	254	0.49	5.8	<0.5	<0.1	37	<0.1	0.2	<0.1	<2	22.87
1067402	Rock	0.67	0.006	<0.1	0.4	1.9	12	<0.1	0.8	0.7	197	0.39	12.8	2.1	<0.1	34	<0.1	0.2	<0.1	<2	21.04
1067403	Drill Core	4.70	0.374	0.3	17.6	56.4	204	0.7	1.4	10.5	2868	3.62	1779	344.8	1.0	30	2.4	10.7	0.2	7	1.97
1067404	Drill Core	3.57	0.048	0.5	30.3	22.5	73	0.5	1.4	13.6	2247	4.69	126.8	44.0	1.4	26	0.3	9.8	0.3	43	1.55
1067405	Rock Pulp	0.15	0.329	9.0	114.7	6.6	46	0.2	23.4	31.5	444	2.87	1204	320.0	2.6	72	0.2	1.7	3.7	70	1.27
1067406	Drill Core	5.35	0.014	0.5	34.8	75.2	209	0.7	2.5	18.0	1545	4.93	135.5	10.2	1.8	36	1.3	14.7	0.4	66	1.80
1067407	Drill Core	2.26	<0.005	1.6	14.2	4.6	50	<0.1	2.3	16.8	1027	4.56	7.2	2.3	2.4	67	<0.1	3.2	0.2	121	2.58
1067408	Drill Core	6.17	<0.005	0.2	23.5	5.4	69	<0.1	3.8	19.2	1491	6.22	16.4	1.2	2.4	20	0.1	11.4	0.4	133	0.77
1067409	Drill Core	4.86	<0.005	0.6	37.9	6.8	66	<0.1	5.7	19.6	1486	5.90	77.2	2.4	2.2	93	0.1	17.6	0.4	133	4.38
1067410	Drill Core	5.50	<0.005	0.7	77.0	6.7	63	0.1	6.5	16.8	1445	4.96	49.9	1.5	2.0	92	0.1	31.5	0.4	118	3.74
1067411	Drill Core	4.04	<0.005	1.9	62.4	3.1	41	<0.1	2.3	14.0	470	3.82	2.8	1.9	1.8	36	0.1	3.1	0.3	115	1.20
1067412	Drill Core	6.76	<0.005	1.3	97.7	6.5	48	0.2	2.5	9.5	436	3.37	1.7	<0.5	2.5	23	<0.1	0.1	0.4	77	0.79
1067413	Drill Core	6.35	<0.005	1.2	71.5	3.7	38	0.1	1.8	4.8	331	2.49	1.3	2.6	3.7	25	<0.1	<0.1	0.3	34	0.87
1067414	Drill Core	6.22	<0.005	4.1	41.3	2.1	52	<0.1	1.1	7.0	383	3.14	1.3	1.8	3.4	18	<0.1	0.2	0.2	38	0.60
1067415	Rock	0.66	<0.005	<0.1	0.9	0.8	10	<0.1	1.6	0.6	221	0.51	<0.5	<0.5	<0.1	44	<0.1	<0.1	<0.1	<2	17.55
1067416	Drill Core	5.64	<0.005	2.4	16.5	2.9	56	<0.1	7.0	20.2	545	3.96	1.8	<0.5	0.7	57	<0.1	0.4	0.3	185	1.55
1067417	Drill Core	5.96	<0.005	1.4	6.9	2.1	36	<0.1	2.4	6.7	285	3.17	1.0	<0.5	2.7	16	<0.1	0.2	0.2	48	0.47
1067418	Drill Core	5.02	<0.005	2.1	9.6	2.0	34	<0.1	0.7	4.3	254	2.45	0.9	1.9	2.8	16	<0.1	0.2	0.2	17	0.55

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Pb
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	0.02
1067393	Drill Core	0.020	6	5	0.43	105	<0.001	3	0.33	0.003	0.23	0.1	0.02	1.3	0.3	0.84	<1	<0.5	<0.2		
1067394	Drill Core	0.028	7	4	0.69	72	<0.001	4	0.39	0.003	0.26	<0.1	0.03	2.1	0.4	1.16	<1	<0.5	<0.2		
1067395	Drill Core	0.051	6	4	0.71	64	<0.001	3	0.35	0.003	0.25	<0.1	0.02	2.5	0.4	1.34	<1	<0.5	<0.2		
1067396	Drill Core	0.028	7	3	0.53	68	<0.001	2	0.37	0.004	0.24	<0.1	0.04	2.1	0.4	1.23	<1	<0.5	<0.2		
1067397	Drill Core	0.045	5	8	0.78	47	<0.001	3	0.35	0.003	0.23	<0.1	0.04	3.0	0.6	1.22	<1	<0.5	<0.2		
1067398	Drill Core	0.160	8	47	1.01	60	0.001	4	0.60	0.003	0.34	0.2	0.24	13.7	2.2	1.99	1	<0.5	<0.2		
1067399	Drill Core	0.016	5	4	0.31	50	<0.001	3	0.31	0.003	0.17	<0.1	0.03	1.8	0.3	0.79	<1	<0.5	<0.2		
1067400	Drill Core	0.028	1	8	0.05	21	<0.001	3	0.22	0.005	0.13	0.1	0.16	0.9	0.8	4.36	<1	<0.5	<0.2		
1067401	Rock	0.014	<1	<1	11.17	17	<0.001	<1	0.02	0.001	0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1067402	Rock	0.014	<1	<1	10.83	9	<0.001	<1	0.01	0.002	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
1067403	Drill Core	0.061	2	2	0.55	47	<0.001	4	0.35	0.004	0.27	0.1	0.04	3.6	0.7	3.53	<1	<0.5	<0.2		
1067404	Drill Core	0.088	6	1	0.67	30	0.001	3	0.57	0.002	0.17	0.2	0.06	11.2	0.6	1.97	2	<0.5	<0.2		
1067405	Rock Pulp	0.049	6	41	0.69	111	0.118	3	1.59	0.185	0.25	0.4	<0.01	2.5	<0.1	0.11	5	1.5	0.7		
1067406	Drill Core	0.078	7	<1	0.80	36	0.001	3	0.77	0.003	0.19	0.2	0.07	11.9	0.7	1.25	2	0.7	<0.2		
1067407	Drill Core	0.060	11	2	1.10	336	0.054	<1	1.68	0.007	0.54	0.1	0.03	16.1	0.2	0.54	6	0.5	<0.2		
1067408	Drill Core	0.068	11	8	0.74	18	0.005	1	0.87	0.003	0.05	0.3	0.08	23.8	0.3	0.97	4	<0.5	<0.2		
1067409	Drill Core	0.066	9	16	1.82	18	0.002	1	0.96	0.005	0.04	0.3	0.21	21.8	0.9	1.67	2	1.4	<0.2		
1067410	Drill Core	0.055	10	19	1.19	24	0.003	<1	0.83	0.004	0.06	0.2	0.21	20.4	0.7	1.63	3	0.9	<0.2		
1067411	Drill Core	0.058	8	2	1.09	112	0.126	<1	1.65	0.118	0.52	0.2	0.01	9.6	0.2	1.06	6	0.9	<0.2		
1067412	Drill Core	0.057	10	2	1.06	184	0.189	1	1.51	0.105	0.75	0.2	<0.01	7.6	0.3	0.87	7	0.6	<0.2		
1067413	Drill Core	0.038	26	3	0.86	152	0.089	<1	1.07	0.070	0.63	0.2	<0.01	7.2	0.2	0.63	6	0.8	<0.2		
1067414	Drill Core	0.040	7	2	1.26	106	0.153	<1	1.66	0.058	1.07	1.1	<0.01	8.6	0.4	0.79	9	0.6	<0.2		
1067415	Rock	0.014	<1	<1	11.77	336	<0.001	<1	0.02	0.002	0.01	<0.1	<0.01	0.2	<0.1	0.06	<1	<0.5	<0.2		
1067416	Drill Core	0.083	5	7	1.73	102	0.210	2	2.90	0.105	1.28	1.1	<0.01	10.8	0.4	1.64	9	0.9	<0.2		
1067417	Drill Core	0.042	5	6	1.07	112	0.138	1	1.49	0.059	0.89	0.6	<0.01	8.1	0.3	1.43	7	1.0	<0.2		
1067418	Drill Core	0.044	35	1	0.72	146	0.112	2	1.11	0.062	0.67	0.3	<0.01	6.2	0.2	0.79	5	<0.5	<0.2		

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS WHI11001489.1

Method		7TD	G6Gr	G6Gr
Analyte		Zn	Ag	Au
Unit		%	gm/t	gm/t
MDL		0.01	50	0.9
1067393	Drill Core			
1067394	Drill Core			
1067395	Drill Core			
1067396	Drill Core			
1067397	Drill Core			
1067398	Drill Core			
1067399	Drill Core			
1067400	Drill Core			
1067401	Rock			
1067402	Rock			
1067403	Drill Core			
1067404	Drill Core			
1067405	Rock Pulp			
1067406	Drill Core			
1067407	Drill Core			
1067408	Drill Core			
1067409	Drill Core			
1067410	Drill Core			
1067411	Drill Core			
1067412	Drill Core			
1067413	Drill Core			
1067414	Drill Core			
1067415	Rock			
1067416	Drill Core			
1067417	Drill Core			
1067418	Drill Core			

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Report Date: October 27, 2011

QUALITY CONTROL REPORT WHI11001489.1

	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																					
1067304	Drill Core	2.45	<0.005	0.3	48.5	35.2	188	0.3	22.1	28.5	2536	4.03	25.7	5.4	0.7	175	1.1	14.5	0.3	135	11.02
REP 1067304	QC		<0.005																		
1067312	Drill Core	2.77	<0.005	0.1	63.4	4.1	163	0.1	2.5	16.3	661	5.16	5.7	5.4	1.0	36	<0.1	5.4	0.2	99	1.40
REP 1067312	QC			<0.1	60.0	4.2	154	0.1	2.3	15.7	638	4.94	5.1	6.1	1.0	35	<0.1	5.3	0.2	99	1.31
1067327	Drill Core	2.35	0.058	0.2	10.0	186.0	298	1.5	0.7	3.2	56	2.13	311.1	52.1	2.3	28	0.9	42.8	0.5	4	0.07
REP 1067327	QC			0.3	10.3	187.6	300	1.5	0.7	3.3	55	2.17	310.3	51.2	2.4	27	1.1	44.1	0.5	4	0.07
REP 1067353	QC			1.0	0.7	4.6	124	<0.1	0.9	2.8	330	1.76	5.6	3.0	3.3	32	0.2	2.0	0.3	3	1.48
1067355	Drill Core	2.69	<0.005	2.0	1.5	5.1	77	<0.1	3.8	13.7	290	3.11	4.0	2.5	4.5	31	<0.1	1.6	0.6	22	1.40
REP 1067355	QC		<0.005																		
1067369	Drill Core	6.16	<0.005	7.1	3.5	7.4	274	<0.1	18.1	11.4	849	2.68	72.8	1.8	3.4	87	1.3	4.0	0.3	26	3.83
REP 1067369	QC			6.7	3.5	7.3	269	<0.1	17.9	11.2	842	2.62	73.5	<0.5	3.6	85	1.4	4.0	0.3	26	3.76
1067377	Drill Core	6.14	<0.005	0.2	3.5	5.7	74	0.1	2.7	4.1	359	1.35	4.1	1.2	2.7	20	0.5	1.1	0.2	2	1.10
REP 1067377	QC		<0.005																		
1067378	Drill Core	5.48	<0.005	0.4	4.9	17.1	129	0.3	3.8	6.6	990	1.95	13.7	3.0	2.8	33	1.1	2.2	0.4	9	1.69
REP 1067378	QC			0.3	5.3	17.1	131	0.3	4.2	7.0	1026	1.99	13.7	6.2	2.8	34	1.2	2.1	0.3	9	1.73
1067392	Drill Core	7.37	0.037	1.1	3.9	233.7	736	1.8	0.9	3.8	2152	1.84	123.2	32.7	2.8	32	9.6	8.9	0.2	3	1.55
REP 1067392	QC			1.0	4.3	242.5	752	1.8	1.4	3.8	2189	1.83	126.6	36.9	3.0	33	10.2	9.5	0.2	2	1.55
1067405	Rock Pulp	0.15	0.329	9.0	114.7	6.6	46	0.2	23.4	31.5	444	2.87	1204	320.0	2.6	72	0.2	1.7	3.7	70	1.27
REP 1067405	QC		0.359																		
1067416	Drill Core	5.64	<0.005	2.4	16.5	2.9	56	<0.1	7.0	20.2	545	3.96	1.8	<0.5	0.7	57	<0.1	0.4	0.3	185	1.55
REP 1067416	QC			2.6	18.3	3.3	60	<0.1	7.6	22.1	591	4.29	1.9	1.1	0.8	63	<0.1	0.3	0.3	195	1.66
Core Reject Duplicates																					
1067318	Drill Core	3.90	<0.005	0.1	43.2	1.6	346	<0.1	1.8	13.3	531	4.44	48.8	2.5	0.7	18	1.0	2.7	0.3	94	0.69
DUP 1067318	QC		<0.005	0.1	44.6	1.3	327	<0.1	2.1	13.0	531	4.39	44.8	2.0	0.6	16	0.9	2.2	0.3	93	0.69
1067353	Drill Core	6.46	<0.005	0.8	0.7	4.5	123	<0.1	0.9	2.5	318	1.74	5.5	1.8	3.3	30	0.2	1.9	0.3	3	1.46
DUP 1067353	QC		<0.005	1.0	0.6	3.0	116	<0.1	0.7	2.5	322	1.72	4.2	1.0	3.3	30	0.1	1.8	0.3	3	1.45
1067388	Drill Core	6.34	<0.005	0.6	3.6	9.7	17	<0.1	1.1	8.2	321	1.88	4.6	3.6	3.8	25	<0.1	2.0	0.3	13	1.30
DUP 1067388	QC		0.005	0.6	3.8	10.4	17	<0.1	1.4	8.4	320	1.93	4.4	2.6	4.0	26	<0.1	2.0	0.3	14	1.29

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 27, 2011

QUALITY CONTROL REPORT WHI11001489.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7TD	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	Pb
	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	0.02
Pulp Duplicates																					
1067304	Drill Core	0.051	7	11	2.99	42	0.013	<1	0.96	0.004	0.19	0.1	0.18	14.9	0.3	0.60	2	0.7	<0.2		
REP 1067304	QC																				
1067312	Drill Core	0.059	4	2	1.39	164	0.134	<1	2.98	0.043	0.84	<0.1	<0.01	10.3	0.2	0.77	8	<0.5	<0.2		
REP 1067312	QC	0.057	4	2	1.36	174	0.132	<1	2.94	0.043	0.82	<0.1	<0.01	9.9	0.2	0.70	8	<0.5	<0.2		
1067327	Drill Core	0.019	6	1	0.04	57	<0.001	2	0.30	0.006	0.24	<0.1	0.09	1.6	0.7	1.13	1	0.6	<0.2		
REP 1067327	QC	0.019	6	1	0.04	54	<0.001	2	0.29	0.006	0.24	<0.1	0.10	1.8	0.7	1.15	1	<0.5	<0.2		
REP 1067353	QC	0.015	6	<1	0.72	69	0.008	2	0.75	0.004	0.35	<0.1	<0.01	2.7	0.2	0.73	3	<0.5	<0.2		
1067355	Drill Core	0.054	9	7	0.87	59	0.033	1	1.19	0.004	0.47	<0.1	<0.01	5.4	0.2	2.24	5	<0.5	0.4		
REP 1067355	QC																				
1067369	Drill Core	0.100	9	33	1.41	63	0.002	3	0.67	0.004	0.30	<0.1	0.08	8.9	1.1	1.44	2	0.5	<0.2		
REP 1067369	QC	0.099	9	32	1.39	64	0.002	3	0.65	0.004	0.30	<0.1	0.08	8.7	1.1	1.40	2	<0.5	<0.2		
1067377	Drill Core	0.017	5	3	0.37	118	<0.001	3	0.46	0.003	0.15	<0.1	<0.01	1.3	0.2	0.92	<1	<0.5	<0.2		
REP 1067377	QC																				
1067378	Drill Core	0.035	6	3	0.56	111	<0.001	3	0.37	0.003	0.23	<0.1	0.02	2.5	0.3	1.00	1	<0.5	<0.2		
REP 1067378	QC	0.036	5	3	0.58	103	<0.001	3	0.35	0.003	0.23	<0.1	0.02	2.4	0.3	1.04	<1	<0.5	<0.2		
1067392	Drill Core	0.020	3	4	0.47	55	<0.001	4	0.31	0.003	0.21	0.2	0.05	1.6	0.3	1.29	<1	<0.5	<0.2		
REP 1067392	QC	0.019	3	4	0.48	78	<0.001	5	0.34	0.003	0.22	0.1	0.06	1.7	0.3	1.30	<1	<0.5	<0.2		
1067405	Rock Pulp	0.049	6	41	0.69	111	0.118	3	1.59	0.185	0.25	0.4	<0.01	2.5	<0.1	0.11	5	1.5	0.7		
REP 1067405	QC																				
1067416	Drill Core	0.083	5	7	1.73	102	0.210	2	2.90	0.105	1.28	1.1	<0.01	10.8	0.4	1.64	9	0.9	<0.2		
REP 1067416	QC	0.092	5	8	1.85	115	0.230	2	3.06	0.111	1.33	1.1	<0.01	11.4	0.5	1.75	9	0.6	<0.2		
Core Reject Duplicates																					
1067318	Drill Core	0.075	3	2	1.60	71	0.223	<1	2.19	0.055	1.00	0.1	<0.01	9.5	0.4	0.94	8	0.5	<0.2		
DUP 1067318	QC	0.071	3	2	1.61	81	0.212	<1	2.19	0.052	0.99	0.1	<0.01	9.1	0.4	0.97	8	<0.5	<0.2		
1067353	Drill Core	0.013	6	<1	0.71	61	0.008	2	0.72	0.004	0.33	<0.1	<0.01	2.8	0.2	0.72	3	<0.5	<0.2		
DUP 1067353	QC	0.014	6	<1	0.71	64	0.008	2	0.70	0.004	0.33	<0.1	<0.01	2.7	0.2	0.74	3	<0.5	<0.2		
1067388	Drill Core	0.064	15	2	0.37	48	<0.001	1	0.56	0.001	0.07	<0.1	0.02	4.7	<0.1	1.25	1	0.7	<0.2		
DUP 1067388	QC	0.065	16	2	0.38	60	<0.001	1	0.69	<0.001	0.08	<0.1	0.02	4.7	<0.1	1.27	2	<0.5	<0.2		

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Report Date: October 27, 2011

QUALITY CONTROL REPORT WHI11001489.1

		Method	7TD	G6Gr	G6Gr
		Analyte	Zn	Ag	Au
		Unit	%	gm/t	gm/t
		MDL	0.01	50	0.9
Pulp Duplicates					
1067304	Drill Core				
REP 1067304	QC				
1067312	Drill Core				
REP 1067312	QC				
1067327	Drill Core				
REP 1067327	QC				
REP 1067353	QC				
1067355	Drill Core				
REP 1067355	QC				
1067369	Drill Core				
REP 1067369	QC				
1067377	Drill Core				
REP 1067377	QC				
1067378	Drill Core				
REP 1067378	QC				
1067392	Drill Core				
REP 1067392	QC				
1067405	Rock Pulp				
REP 1067405	QC				
1067416	Drill Core				
REP 1067416	QC				
Core Reject Duplicates					
1067318	Drill Core				
DUP 1067318	QC				
1067353	Drill Core				
DUP 1067353	QC				
1067388	Drill Core				
DUP 1067388	QC				

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		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
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			13.0	107.7	115.4	300	1.7	38.2	7.6	618	2.44	22.6	108.4	6.2	62	2.2	4.9	5.7	41	0.71
STD DS8	Standard			13.4	110.9	121.3	312	1.9	38.0	7.8	618	2.51	25.5	118.0	6.5	68	2.5	5.3	6.6	43	0.69
STD DS8	Standard			13.1	107.4	124.6	301	1.7	37.3	7.3	605	2.43	24.8	120.9	6.5	67	2.1	5.5	6.4	44	0.73
STD DS8	Standard			12.5	102.7	115.8	291	1.6	35.7	7.2	592	2.40	24.1	106.1	6.4	64	2.1	5.0	6.2	39	0.70
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 DS8	Standard			12.9	105.5	107.7	282	1.5	36.1	7.1	546	2.31	22.8	101.3	6.6	64	2.2	5.4	6.4	39	0.67
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OXH82	Standard		1.352																		
STD OXH82	Standard		1.271																		
STD OXH82	Standard		1.330																		
STD OXH82	Standard		1.365																		
STD OXH82	Standard		1.269																		
STD OXH82	Standard		1.252																		
STD OXK79	Standard		3.801																		
STD OXK79	Standard		3.504																		
STD OXK79	Standard		3.594																		
STD OXK79	Standard		3.833																		
STD OXK79	Standard		3.498																		
STD SU-1B	Standard																				
STD SU-1B	Standard																				
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QUALITY CONTROL REPORT WHI11001489.1

		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	7TD Pb % 0.02
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard	0.074	14	114	0.61	251	0.109	3	0.94	0.096	0.41	2.7	0.18	2.0	4.8	0.15	4	4.7	4.6		
STD DS8	Standard	0.082	16	121	0.64	280	0.122	2	0.93	0.088	0.43	2.9	0.19	2.0	5.0	0.16	5	5.9	5.1		
STD DS8	Standard	0.076	16	116	0.60	272	0.113	2	0.92	0.088	0.41	3.1	0.21	2.0	5.4	0.17	5	5.6	4.8		
STD DS8	Standard	0.076	15	110	0.57	255	0.120	3	0.89	0.087	0.40	2.8	0.19	2.1	5.0	0.15	4	3.8	4.1		
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 DS8	Standard	0.071	15	111	0.56	244	0.121	2	0.90	0.097	0.40	2.5	0.17	2.0	4.5	0.14	4	4.2	3.9		
STD OREAS131B	Standard																			0.021	1.80
STD OREAS153A	Standard																			0.693	<0.02
STD OREAS131B	Standard																			0.021	1.70
STD OREAS153A	Standard																			0.672	<0.02
STD OREAS131B	Standard																			0.022	1.78
STD OREAS153A	Standard																			0.694	<0.02
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 SU-1B	Standard																			1.151	<0.02
STD SU-1B	Standard																			1.135	<0.02
STD SU-1B	Standard																			1.172	<0.02

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

Project: Charlotte Project
Report Date: October 27, 2011

QUALITY CONTROL REPORT WHI11001489.1

		7TD Zn % 0.01	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
Reference Materials				
STD AGPROOF	Standard		90	<0.9
STD CDN-ME-3	Standard		245	9.4
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD OREAS131B	Standard	3.14		
STD OREAS153A	Standard	<0.01		
STD OREAS131B	Standard	3.05		
STD OREAS153A	Standard	<0.01		
STD OREAS131B	Standard	3.15		
STD OREAS153A	Standard	<0.01		
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 SU-1B	Standard	0.03		
STD SU-1B	Standard	0.03		
STD SU-1B	Standard	<0.01		

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Project: Charlotte Project
Report Date: October 27, 2011

QUALITY CONTROL REPORT WHI11001489.1

		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 CDN-ME-3 Expected																					
STD AGPROOF Expected																					
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
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
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	0.9	<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																				
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		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
BLK	Blank																				

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QUALITY CONTROL REPORT WHI11001489.1

		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	7TD Pb % 0.02
STD CDN-ME-3 Expected																					
STD AGPROOF Expected																					
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS131B Expected																				0.0216	1.86
STD SU-1B Expected																				1.185	0.0058
STD OREAS153A Expected																				0.712	
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		
BLK	Blank																				
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		
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																			<0.001	<0.02
BLK	Blank																				
BLK	Blank																				
BLK	Blank																			<0.001	<0.02
BLK	Blank																			<0.001	<0.02

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Report Date: October 27, 2011

QUALITY CONTROL REPORT WHI11001489.1

		7TD Zn % 0.01	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
STD CDN-ME-3 Expected			276	9.77
STD AGPROOF Expected			94	0
STD OXH82 Expected				
STD OXK79 Expected				
STD OREAS131B Expected		3.14		
STD SU-1B Expected		0.0235		
STD OREAS153A Expected		0.0053		
STD DS8 Expected				
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		<50	<0.9
BLK	Blank		<50	<0.9
BLK	Blank			
BLK	Blank	<0.01		
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.01		
BLK	Blank	<0.01		

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		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
Prep Wash																					
G1	Prep Blank		<0.005	0.5	5.9	2.9	49	<0.1	3.5	4.1	542	1.87	<0.5	3.6	4.4	53	<0.1	0.1	0.1	34	0.43
G1	Prep Blank		<0.005	0.4	4.9	3.2	49	<0.1	3.4	4.2	566	2.00	<0.5	1.5	5.0	57	<0.1	<0.1	<0.1	38	0.45

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QUALITY CONTROL REPORT WHI11001489.1

		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	7TD Pb % 0.02
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		
Prep Wash																					
G1	Prep Blank	0.074	8	8	0.58	204	0.111	<1	0.95	0.056	0.47	<0.1	<0.01	1.5	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.077	11	8	0.60	217	0.124	<1	1.03	0.068	0.50	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2		

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Report Date: October 27, 2011

QUALITY CONTROL REPORT WHI11001489.1

		7TD Zn % 0.01	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
BLK	Blank			
BLK	Blank			
Prep Wash				
G1	Prep Blank			
G1	Prep Blank			

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

Submitted By: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: September 29, 2011
Report Date: November 10, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS WHI11001532.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-031
P.O. Number
Number of Samples: 159

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	150	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	159	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	159	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	5	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN
7TD	1	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

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: Charlotte Project
Report Date: November 10, 2011

CERTIFICATE OF ANALYSIS WHI11001532.1

	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
1066784	Drill Core	1.67	0.028	1.2	4.5	23.8	37	2.3	1.2	0.6	52	0.93	48.6	28.9	5.0	9	0.3	5.9	0.3	3	0.04
1066785	Rock Pulp	0.10	0.399	10.1	142.6	7.9	52	0.2	28.0	37.3	519	3.31	1365	381.1	3.2	78	0.3	2.3	4.1	82	1.39
1066786	Drill Core	1.52	0.031	1.4	19.2	64.4	152	1.8	5.9	3.2	245	2.19	154.8	35.7	6.2	21	0.8	21.9	0.4	20	0.15
1066787	Drill Core	1.89	0.006	1.6	3.1	33.2	33	0.7	0.6	0.3	42	1.01	29.1	12.0	3.4	8	0.1	7.3	0.7	<2	0.02
1066788	Drill Core	0.75	0.007	1.6	5.2	28.8	57	0.3	1.5	1.2	99	0.92	45.9	10.9	2.2	17	0.3	7.2	0.3	7	0.06
1066789	Drill Core	0.59	0.019	2.4	45.8	7.8	275	1.2	4.6	2.8	181	2.98	238.4	21.5	1.6	9	1.3	16.7	0.5	23	0.14
1066790	Drill Core	3.88	<0.005	0.7	45.1	2.5	204	0.2	9.2	5.9	270	3.15	72.6	2.3	3.3	21	4.2	1.6	0.2	99	0.27
1066791	Drill Core	3.82	<0.005	0.8	32.5	2.4	147	0.1	8.5	4.4	252	2.89	109.0	1.6	3.2	22	0.7	1.5	0.4	74	0.35
1066792	Drill Core	4.51	<0.005	1.7	42.9	3.7	145	0.2	7.3	3.2	173	3.09	125.5	3.0	3.9	49	0.8	4.4	0.5	56	0.25
1066793	Drill Core	4.72	0.070	1.8	31.8	25.6	300	1.0	10.4	3.7	176	3.50	525.8	84.6	3.1	57	2.6	30.1	0.5	26	0.13
1066794	Drill Core	0.48	<0.005	4.2	54.1	3.0	270	0.1	10.9	6.6	236	3.28	177.8	3.1	3.7	22	1.1	3.9	0.2	94	0.26
1066795	Rock	0.59	<0.005	<0.1	0.9	1.3	12	<0.1	2.5	0.6	207	0.41	1.7	<0.5	0.1	39	<0.1	0.2	<0.1	<2	21.01
1066796	Drill Core	1.88	<0.005	1.4	20.9	3.9	114	<0.1	3.9	3.3	163	2.95	82.7	4.1	3.9	59	1.1	1.9	0.6	63	0.38
1066797	Drill Core	4.25	<0.005	0.9	57.7	2.8	186	0.2	20.2	8.5	248	3.85	176.5	2.8	3.5	20	0.9	1.9	0.3	90	0.37
1066798	Drill Core	5.33	0.005	0.6	50.4	4.3	82	0.1	5.9	6.7	164	3.64	39.4	3.8	2.6	14	0.6	1.0	0.7	57	0.34
1066799	Drill Core	6.35	<0.005	0.7	55.1	3.1	208	0.1	8.6	8.1	278	2.77	153.1	1.9	3.7	13	3.2	3.1	0.2	62	0.30
1066800	Drill Core	5.11	<0.005	0.7	54.9	5.8	313	<0.1	13.3	14.2	320	3.01	185.2	2.1	3.3	7	11.0	6.0	0.2	67	0.49
1066801	Drill Core	7.89	0.110	1.6	32.4	28.8	321	0.9	6.5	5.0	149	3.05	565.9	116.3	2.5	24	4.7	25.4	0.2	12	0.16
1066802	Drill Core	4.60	0.029	1.9	54.5	28.7	482	0.2	12.3	8.8	254	3.97	641.2	40.4	4.0	15	4.5	18.4	0.2	48	0.16
1066803	Drill Core	2.13	<0.005	1.7	53.4	179.5	661	0.2	15.4	7.5	236	4.01	772.1	3.4	3.9	8	3.8	13.1	0.2	31	0.25
1066804	Drill Core	6.05	<0.005	1.7	50.5	11.6	453	<0.1	11.5	8.9	409	4.41	556.4	1.8	3.5	12	3.0	13.8	0.2	74	0.26
1066805	Rock Pulp	0.10	0.357	10.5	141.1	8.5	51	0.2	28.0	37.9	526	3.35	1360	383.5	3.2	82	0.2	2.2	4.2	84	1.46
1066806	Drill Core	3.16	0.021	1.1	25.6	19.3	270	0.2	3.8	3.9	109	2.60	472.4	28.5	3.7	29	7.1	21.0	0.3	22	0.20
1066807	Drill Core	3.47	0.076	1.8	52.1	14.9	549	0.5	12.0	9.4	250	5.31	881.0	89.8	3.0	17	3.8	18.1	0.2	43	0.46
1066808	Drill Core	4.24	<0.005	2.4	49.3	7.6	710	0.2	16.9	11.6	438	4.98	1115	5.3	3.2	9	12.0	6.0	0.2	60	0.93
1066809	Drill Core	3.19	0.017	2.2	48.4	11.0	1629	0.4	20.9	22.7	3819	4.99	1498	19.1	2.4	12	14.3	8.3	0.2	23	0.78
1066810	Drill Core	3.14	<0.005	5.5	48.2	8.0	1313	0.2	26.8	23.6	1683	4.77	1210	8.3	3.3	8	15.4	9.2	0.3	77	0.48
1066811	Drill Core	3.35	<0.005	1.0	52.8	5.1	632	0.1	21.7	15.6	536	4.40	888.2	2.2	3.9	8	7.1	10.1	0.2	89	0.39
1066812	Drill Core	4.95	<0.005	2.0	54.9	35.6	942	0.3	25.7	11.6	480	3.84	1210	3.9	4.0	5	6.2	11.2	0.3	40	0.28
1066813	Drill Core	4.05	0.022	4.3	49.3	24.2	696	0.4	24.4	6.6	173	2.71	1001	28.0	3.0	7	10.8	11.1	0.2	11	0.14

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PO Box 11604
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Project: Charlotte Project
Report Date: November 10, 2011

CERTIFICATE OF ANALYSIS WHI11001532.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1066784	Drill Core	0.009	13	7	0.04	623	0.002	<1	0.27	0.009	0.15	<0.1	0.02	0.5	0.1	0.10	<1	<0.5	<0.2		
1066785	Rock Pulp	0.057	7	49	0.80	134	0.136	3	1.84	0.208	0.29	0.4	<0.01	2.8	<0.1	0.13	5	2.0	0.6		
1066786	Drill Core	0.031	13	11	0.18	768	0.015	<1	0.67	0.020	0.20	0.3	0.03	2.3	0.3	0.06	2	0.6	<0.2		
1066787	Drill Core	0.005	12	5	0.01	594	<0.001	<1	0.26	0.005	0.20	0.2	0.03	0.2	0.2	0.17	<1	<0.5	<0.2		
1066788	Drill Core	0.009	9	8	0.06	701	0.004	<1	0.34	0.013	0.15	0.1	0.06	0.9	0.1	0.08	<1	<0.5	<0.2		
1066789	Drill Core	0.041	6	5	0.06	181	0.003	2	0.64	0.015	0.15	0.2	0.10	6.0	0.2	<0.05	1	<0.5	<0.2		
1066790	Drill Core	0.056	5	19	0.78	531	0.154	<1	1.49	0.047	0.52	<0.1	<0.01	9.3	0.6	0.07	6	1.1	<0.2		
1066791	Drill Core	0.059	6	14	0.58	225	0.142	<1	1.12	0.091	0.25	0.1	0.02	7.1	0.2	0.12	5	0.8	<0.2		
1066792	Drill Core	0.064	10	14	0.46	225	0.119	<1	1.15	0.064	0.25	0.2	0.02	7.5	0.2	0.24	5	1.1	<0.2		
1066793	Drill Core	0.050	20	7	0.10	239	0.002	1	0.70	0.010	0.34	0.1	0.06	6.5	0.6	0.35	2	0.6	<0.2		
1066794	Drill Core	0.060	9	16	0.78	200	0.131	<1	1.39	0.050	0.45	<0.1	<0.01	9.3	0.6	0.08	5	1.0	<0.2		
1066795	Rock	0.016	<1	1	10.74	18	<0.001	<1	0.02	0.002	0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066796	Drill Core	0.066	12	10	0.72	249	0.193	<1	0.95	0.099	0.45	0.1	<0.01	5.5	0.2	0.35	4	0.9	<0.2		
1066797	Drill Core	0.085	10	66	1.20	223	0.213	<1	1.58	0.063	0.60	0.1	<0.01	7.0	0.3	0.62	6	1.1	<0.2		
1066798	Drill Core	0.066	7	11	0.65	66	0.162	<1	0.86	0.070	0.18	0.3	0.01	5.0	0.1	2.11	4	2.2	<0.2		
1066799	Drill Core	0.063	8	13	0.65	101	0.163	<1	1.09	0.087	0.37	<0.1	<0.01	7.6	0.7	0.23	4	0.9	<0.2		
1066800	Drill Core	0.066	6	17	0.61	82	0.155	1	1.10	0.075	0.27	0.2	<0.01	8.2	1.4	0.29	5	1.4	<0.2		
1066801	Drill Core	0.048	11	4	0.10	68	<0.001	3	0.68	0.009	0.26	<0.1	0.04	5.3	0.6	0.22	1	1.3	<0.2		
1066802	Drill Core	0.070	14	8	0.08	62	0.001	1	0.95	0.004	0.15	<0.1	0.09	12.0	0.4	0.13	2	1.4	<0.2		
1066803	Drill Core	0.082	12	6	0.16	37	0.003	<1	1.45	0.006	0.12	<0.1	0.17	9.5	0.4	<0.05	2	1.3	<0.2		
1066804	Drill Core	0.094	7	10	0.31	88	0.036	3	1.33	0.018	0.23	<0.1	0.07	13.4	1.2	0.10	4	1.0	<0.2		
1066805	Rock Pulp	0.056	8	49	0.79	133	0.137	2	1.87	0.210	0.29	0.4	<0.01	3.0	<0.1	0.13	5	2.1	0.7		
1066806	Drill Core	0.054	15	3	0.04	197	<0.001	2	0.46	0.007	0.33	0.3	0.63	8.0	3.0	0.45	1	0.8	<0.2		
1066807	Drill Core	0.086	9	6	0.23	98	0.002	1	1.63	0.010	0.18	<0.1	0.23	9.9	1.3	0.26	4	0.7	<0.2		
1066808	Drill Core	0.092	8	8	0.40	43	0.011	<1	1.51	0.014	0.12	0.2	0.09	10.1	0.6	0.12	5	1.4	<0.2		
1066809	Drill Core	0.107	12	3	0.21	109	<0.001	3	1.09	0.003	0.29	0.2	0.10	9.7	0.8	0.23	2	1.2	<0.2		
1066810	Drill Core	0.101	9	14	0.44	70	0.032	3	1.43	0.026	0.23	<0.1	0.04	11.4	3.8	0.47	4	1.5	<0.2		
1066811	Drill Core	0.079	9	36	0.64	100	0.112	<1	1.26	0.052	0.40	<0.1	0.04	10.5	1.4	0.33	5	1.0	<0.2		
1066812	Drill Core	0.077	12	12	0.10	57	0.003	1	1.11	0.007	0.17	<0.1	0.07	7.5	0.5	0.26	2	1.4	<0.2		
1066813	Drill Core	0.051	14	5	0.03	51	<0.001	2	0.80	0.004	0.22	<0.1	0.03	3.6	0.5	0.07	<1	1.5	<0.2		

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		Method	7TD	7TD
		Analyte	Pb	Zn
		Unit	%	%
		MDL	0.02	0.01
1066784	Drill Core			
1066785	Rock Pulp			
1066786	Drill Core			
1066787	Drill Core			
1066788	Drill Core			
1066789	Drill Core			
1066790	Drill Core			
1066791	Drill Core			
1066792	Drill Core			
1066793	Drill Core			
1066794	Drill Core			
1066795	Rock			
1066796	Drill Core			
1066797	Drill Core			
1066798	Drill Core			
1066799	Drill Core			
1066800	Drill Core			
1066801	Drill Core			
1066802	Drill Core			
1066803	Drill Core			
1066804	Drill Core			
1066805	Rock Pulp			
1066806	Drill Core			
1066807	Drill Core			
1066808	Drill Core			
1066809	Drill Core			
1066810	Drill Core			
1066811	Drill Core			
1066812	Drill Core			
1066813	Drill Core			

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CERTIFICATE OF ANALYSIS WHI11001532.1

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
1066814	Drill Core	3.45	0.043	2.7	57.6	17.0	555	0.7	13.1	4.9	116	2.65	884.6	58.4	3.4	9	17.4	12.9	0.3	14	0.11
1066815	Drill Core	2.22	0.107	4.0	57.1	18.1	566	0.9	13.0	5.2	120	2.84	980.5	113.9	3.8	10	18.2	16.4	0.4	14	0.11
1066816	Drill Core	1.40	0.010	1.7	87.5	34.5	584	1.2	17.5	6.3	110	2.67	742.4	15.9	2.4	14	36.1	14.1	0.8	18	0.12
1066817	Drill Core	1.93	0.022	3.9	104.5	238.7	1369	5.1	19.1	14.5	367	4.57	1709	24.6	3.5	10	18.0	50.7	0.4	58	0.32
1066818	Drill Core	2.83	0.298	2.2	42.8	88.5	416	1.6	16.9	8.9	236	2.86	1485	331.2	2.3	6	8.9	34.4	0.3	9	0.20
1066819	Drill Core	2.93	0.301	3.6	40.9	132.8	664	3.4	23.8	6.9	344	2.71	848.4	337.8	2.5	15	9.4	45.0	0.2	9	0.12
1066820	Drill Core	3.31	0.049	2.4	69.0	16.0	613	0.7	17.6	7.0	193	3.08	877.0	29.9	2.9	8	9.1	26.6	0.3	10	0.11
1066821	Drill Core	6.08	0.009	3.2	47.7	28.1	506	0.6	21.8	7.6	789	2.13	512.7	11.0	4.2	8	5.0	17.6	0.5	9	0.31
1066822	Drill Core	2.12	<0.005	2.4	51.8	9.3	512	0.4	13.9	7.9	612	2.62	572.4	4.7	5.9	12	3.8	31.2	0.2	23	0.13
1066823	Drill Core	3.55	<0.005	3.1	79.9	13.9	183	0.3	10.2	4.8	150	2.83	267.8	3.3	4.0	22	0.8	35.8	0.3	31	0.10
1066824	Drill Core	4.34	<0.005	2.5	56.2	8.7	256	0.2	27.3	9.9	785	3.83	938.1	1.9	4.6	10	0.5	16.7	0.2	40	0.48
1066825	Rock Pulp	0.10	>10	8.0	120.0	16.9	56	>100	15.4	10.9	582	3.50	242.3	12968	2.9	74	0.4	9.9	16.8	65	1.72
1066826	Drill Core	3.11	0.018	2.6	42.5	18.2	227	0.5	28.3	8.4	3961	2.74	696.8	16.9	3.3	36	0.6	20.4	0.4	11	2.13
1066827	Drill Core	6.24	0.024	3.9	39.5	58.5	214	0.9	23.1	6.5	3434	2.38	433.6	11.4	4.5	38	2.3	27.0	0.5	5	2.61
1066828	Drill Core	3.13	0.023	1.3	5.2	42.4	168	0.8	5.5	10.2	7294	2.39	300.3	17.4	5.1	48	1.3	10.6	2.2	7	3.15
1066829	Drill Core	4.11	0.118	10.1	25.2	95.1	356	1.0	26.7	8.3	5139	3.02	733.9	114.9	4.6	23	2.6	26.8	0.2	5	2.71
1066830	Drill Core	4.49	0.030	12.9	52.6	35.4	222	0.7	27.3	8.9	1149	2.66	364.1	30.3	3.0	10	0.7	26.7	0.6	12	0.68
1066831	Drill Core	3.38	<0.005	5.8	49.0	16.8	250	0.5	33.9	10.2	1585	3.26	641.9	5.9	3.8	7	0.9	9.4	0.8	26	0.64
1066832	Drill Core	3.23	<0.005	3.8	75.1	8.3	236	0.5	17.2	7.7	498	2.86	280.8	5.2	4.7	19	0.6	4.3	2.2	27	0.79
1066833	Drill Core	1.01	<0.005	6.4	125.4	21.9	874	1.3	18.8	13.6	898	1.85	49.8	7.5	3.3	60	17.6	6.2	4.9	25	2.48
1066834	Drill Core	1.06	<0.005	4.4	45.2	7.9	515	0.2	21.0	8.1	308	3.38	570.6	5.1	4.5	11	2.3	5.9	0.9	42	0.37
1066835	Rock	0.49	<0.005	0.1	3.8	1.1	14	<0.1	1.4	0.8	210	0.44	2.9	0.6	0.1	38	0.1	0.2	<0.1	<2	21.01
1066836	Drill Core	3.62	<0.005	1.6	71.7	13.8	438	0.4	15.8	7.6	863	3.12	950.6	4.5	9.0	18	2.3	12.9	1.5	30	0.63
1066837	Drill Core	4.63	<0.005	2.4	60.0	21.4	328	1.3	8.1	9.1	1663	3.46	589.0	5.5	9.2	34	1.7	12.8	4.2	23	1.77
1066838	Drill Core	2.79	<0.005	1.1	19.3	3.4	68	<0.1	7.5	7.9	379	3.10	7.8	1.8	7.8	46	0.1	2.7	1.9	44	1.05
1066839	Drill Core	3.32	0.005	6.8	71.3	6.4	113	0.2	29.8	9.2	788	2.97	94.7	4.4	4.8	48	0.3	3.3	3.2	51	1.49
1066840	Drill Core	2.16	<0.005	2.9	109.2	6.5	271	0.3	38.5	8.3	347	3.65	787.3	2.2	5.0	80	1.3	4.5	3.4	66	0.84
1066841	Drill Core	2.58	<0.005	3.7	91.2	9.6	254	0.5	9.6	5.1	225	2.97	935.0	3.3	5.1	8	1.6	5.0	4.4	14	0.35
1066842	Drill Core	3.77	0.006	2.8	148.1	20.9	267	1.6	12.1	6.6	528	3.30	991.3	8.6	5.0	19	1.8	12.8	6.3	18	0.92
1066843	Drill Core	4.32	<0.005	2.5	109.1	8.6	137	0.5	30.0	12.9	558	3.32	445.6	3.1	3.4	15	0.4	4.5	2.7	71	0.62

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Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1066814	Drill Core	0.048	13	7	0.03	215	<0.001	3	0.56	0.005	0.22	<0.1	0.05	4.0	0.7	0.17	<1	2.4	<0.2		
1066815	Drill Core	0.047	15	5	0.03	270	<0.001	2	0.60	0.006	0.24	<0.1	0.05	4.2	0.8	0.21	1	2.1	<0.2		
1066816	Drill Core	0.063	8	6	0.03	180	<0.001	2	0.70	0.008	0.22	<0.1	0.03	5.4	1.0	0.50	<1	2.2	0.3		
1066817	Drill Core	0.121	12	10	0.03	30	<0.001	4	0.76	0.002	0.13	0.1	0.15	16.6	0.4	0.15	2	2.2	<0.2		
1066818	Drill Core	0.060	7	4	0.04	83	<0.001	4	0.43	0.002	0.24	0.1	0.04	4.1	0.6	1.41	<1	1.4	<0.2		
1066819	Drill Core	0.046	9	5	0.02	110	<0.001	4	0.36	0.002	0.20	0.1	0.09	3.4	0.7	0.58	<1	2.0	<0.2		
1066820	Drill Core	0.060	10	5	0.02	243	<0.001	3	0.42	0.002	0.22	0.1	0.06	3.9	0.7	0.25	<1	1.4	<0.2		
1066821	Drill Core	0.052	9	7	0.09	157	<0.001	3	0.48	0.002	0.22	<0.1	0.03	2.8	0.4	0.58	<1	1.6	0.2		
1066822	Drill Core	0.047	16	5	0.03	90	<0.001	2	0.65	0.003	0.12	<0.1	0.14	6.0	0.5	0.16	1	1.0	<0.2		
1066823	Drill Core	0.051	16	10	0.02	160	0.001	<1	0.58	0.003	0.12	<0.1	0.13	7.7	0.5	0.26	1	1.9	<0.2		
1066824	Drill Core	0.062	14	8	0.24	90	0.004	1	1.50	0.001	0.14	<0.1	0.09	7.0	0.9	0.42	3	1.4	<0.2		
1066825	Rock Pulp	0.051	7	24	0.74	116	0.129	4	1.74	0.196	0.23	4.4	0.51	2.6	<0.1	0.16	5	5.3	2.5	170	11.8
1066826	Drill Core	0.062	8	4	0.55	194	<0.001	3	0.36	0.003	0.23	0.1	0.10	3.6	1.0	0.71	<1	1.8	<0.2		
1066827	Drill Core	0.040	7	4	0.77	135	<0.001	3	0.37	0.002	0.26	0.1	0.04	2.1	0.7	1.29	<1	1.4	<0.2		
1066828	Drill Core	0.060	9	<1	0.90	112	<0.001	3	0.40	0.003	0.29	0.1	0.04	3.9	0.6	1.27	<1	0.5	0.7		
1066829	Drill Core	0.042	5	3	0.74	70	<0.001	3	0.30	0.002	0.22	0.2	0.08	2.1	0.9	1.96	<1	1.2	<0.2		
1066830	Drill Core	0.045	9	3	0.11	66	<0.001	3	0.58	0.002	0.19	<0.1	0.10	2.8	0.9	1.49	1	3.3	0.3		
1066831	Drill Core	0.046	14	7	0.20	177	0.001	1	1.15	0.001	0.13	<0.1	0.03	4.1	0.3	0.69	3	2.6	0.4		
1066832	Drill Core	0.055	10	4	0.43	71	0.006	1	2.23	0.019	0.08	0.5	<0.01	3.6	0.3	0.68	6	1.2	0.7		
1066833	Drill Core	0.040	9	6	0.27	113	0.045	<1	1.27	0.082	0.08	0.7	0.02	4.5	6.1	0.83	4	1.2	0.5		
1066834	Drill Core	0.039	10	8	0.48	98	0.019	<1	1.70	0.010	0.17	<0.1	0.02	4.5	1.2	0.10	6	1.0	0.3		
1066835	Rock	0.017	<1	<1	11.52	13	<0.001	<1	0.05	0.002	0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066836	Drill Core	0.100	27	2	0.19	41	0.003	1	1.22	<0.001	0.08	<0.1	0.06	5.1	0.2	0.21	3	<0.5	0.4		
1066837	Drill Core	0.097	35	2	0.42	46	<0.001	1	0.98	<0.001	0.10	0.1	0.12	4.5	0.3	0.83	3	0.7	0.8		
1066838	Drill Core	0.087	21	4	0.45	88	0.049	1	1.39	0.056	0.09	0.3	<0.01	4.3	0.3	0.87	5	0.6	0.4		
1066839	Drill Core	0.080	20	16	0.52	100	0.008	<1	0.97	0.034	0.12	1.1	<0.01	5.0	0.3	1.43	4	2.4	0.8		
1066840	Drill Core	0.083	13	8	0.70	170	0.049	<1	3.23	0.122	0.22	0.7	<0.01	6.1	0.4	0.78	9	1.9	0.9		
1066841	Drill Core	0.035	21	3	0.29	76	<0.001	<1	1.36	0.002	0.08	0.2	<0.01	3.2	0.2	0.99	3	1.0	0.9		
1066842	Drill Core	0.061	24	2	0.33	38	<0.001	<1	0.85	0.002	0.10	0.3	<0.01	4.5	0.2	1.44	2	1.8	1.7		
1066843	Drill Core	0.073	17	10	0.61	118	0.013	<1	1.44	0.005	0.18	0.5	<0.01	6.4	0.3	1.35	4	3.1	0.7		

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: November 10, 2011

CERTIFICATE OF ANALYSIS WHI11001532.1

		Method	7TD	7TD
		Analyte	Pb	Zn
		Unit	%	%
		MDL	0.02	0.01
1066814	Drill Core			
1066815	Drill Core			
1066816	Drill Core			
1066817	Drill Core			
1066818	Drill Core			
1066819	Drill Core			
1066820	Drill Core			
1066821	Drill Core			
1066822	Drill Core			
1066823	Drill Core			
1066824	Drill Core			
1066825	Rock Pulp			
1066826	Drill Core			
1066827	Drill Core			
1066828	Drill Core			
1066829	Drill Core			
1066830	Drill Core			
1066831	Drill Core			
1066832	Drill Core			
1066833	Drill Core			
1066834	Drill Core			
1066835	Rock			
1066836	Drill Core			
1066837	Drill Core			
1066838	Drill Core			
1066839	Drill Core			
1066840	Drill Core			
1066841	Drill Core			
1066842	Drill Core			
1066843	Drill Core			

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Project: Charlotte Project
Report Date: November 10, 2011

CERTIFICATE OF ANALYSIS WHI11001532.1

	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
1066844	Drill Core	2.94	<0.005	1.0	59.5	6.4	139	0.2	17.2	8.6	453	3.11	327.4	1.4	3.5	26	0.5	2.6	2.2	42	0.97
1066845	Rock Pulp	0.10	>10	8.6	126.5	18.2	57	>100	16.6	11.3	621	3.64	251.8	14484	3.1	81	0.3	10.0	17.5	71	1.96
1066846	Drill Core	3.77	0.034	0.6	67.7	7.6	81	0.3	11.7	4.2	335	1.95	150.8	4.3	2.8	34	0.3	2.0	4.8	17	1.36
1066847	Drill Core	2.54	0.029	1.0	68.1	5.0	63	0.2	9.6	5.6	402	1.95	60.6	4.2	5.9	85	0.1	1.7	3.6	32	1.15
1066848	Drill Core	5.60	<0.005	0.2	49.5	7.8	49	0.3	3.4	5.2	480	2.76	15.9	2.6	8.4	64	0.1	4.7	6.1	22	2.02
1066849	Drill Core	3.87	<0.005	0.3	24.9	5.1	32	0.1	2.6	4.0	214	2.41	13.7	1.3	7.3	37	<0.1	0.9	5.4	33	0.92
1066850	Drill Core	4.61	<0.005	0.4	35.6	7.1	63	0.1	2.2	4.0	365	1.71	20.7	0.8	6.2	44	<0.1	3.4	1.2	25	1.36
1066851	Drill Core	3.99	<0.005	1.6	61.1	10.5	70	0.3	11.9	6.2	528	2.47	42.7	2.6	5.4	43	0.2	7.0	1.4	36	1.45
1066852	Drill Core	3.37	<0.005	0.8	76.3	4.4	64	0.3	4.0	5.1	390	2.79	35.2	3.3	7.8	67	0.3	1.4	1.7	46	1.12
1066853	Drill Core	4.05	0.006	3.9	83.5	6.1	185	0.2	34.5	9.2	449	3.72	560.5	<0.5	4.2	7	0.6	3.1	1.9	57	0.46
1066854	Drill Core	6.09	<0.005	2.7	87.8	10.8	124	0.4	26.6	6.8	613	2.55	170.8	3.0	3.8	16	0.5	14.7	3.3	33	0.58
1066855	Drill Core	2.87	<0.005	2.9	85.9	11.5	125	0.4	25.0	7.2	566	2.66	188.2	1.3	3.8	15	0.6	11.7	3.1	30	0.58
1066856	Drill Core	5.41	0.009	3.2	67.5	19.4	89	0.3	23.4	6.1	938	2.48	129.4	6.0	3.4	30	0.5	16.0	1.7	23	1.34
1066857	Drill Core	1.55	0.275	2.3	28.7	277.9	625	3.4	33.9	8.2	7940	2.94	3883	284.1	2.0	64	3.5	48.9	3.8	10	1.77
1066858	Drill Core	1.39	0.025	2.5	43.4	27.8	310	0.8	13.9	4.3	3523	2.49	748.1	26.5	2.7	19	1.6	53.9	0.9	9	1.08
1066859	Drill Core	3.92	0.017	2.8	153.6	81.3	578	3.7	28.1	8.2	2754	3.65	298.5	26.5	2.4	10	2.7	56.0	10.3	7	0.46
1066860	Drill Core	4.04	0.007	1.6	237.7	30.5	248	1.3	31.5	6.2	926	3.11	180.4	4.7	2.4	13	1.7	53.8	12.3	8	0.64
1066861	Drill Core	2.85	<0.005	4.4	66.4	8.7	241	3.1	34.0	6.1	868	1.95	157.7	<0.5	2.1	17	1.0	28.0	1.2	24	0.96
1066862	Drill Core	1.33	<0.005	2.9	27.1	17.8	141	0.7	16.8	2.9	838	1.29	180.0	<0.5	1.2	21	1.3	20.0	1.2	6	1.12
1066863	Drill Core	3.61	<0.005	2.2	58.1	13.7	366	0.7	43.1	8.5	1406	2.02	128.7	1.2	2.7	14	1.5	33.1	0.6	28	0.99
1066864	Drill Core	3.41	<0.005	2.8	47.3	12.0	316	0.1	30.4	8.0	826	2.22	84.8	<0.5	3.6	21	1.4	31.2	0.3	19	1.30
1066865	Rock Pulp	0.10	>10	7.6	111.3	15.6	54	>100	14.2	10.8	566	3.30	229.7	11936	2.7	67	0.1	8.7	15.5	69	1.52
1066866	Drill Core	3.36	0.008	3.8	39.1	9.0	215	0.2	35.7	7.4	924	1.90	91.8	4.7	2.2	17	0.5	23.9	0.2	26	1.05
1066867	Drill Core	1.74	0.451	1.2	13.4	24.0	92	1.7	7.7	4.5	1826	1.92	1368	433.8	4.4	14	0.7	24.0	0.3	4	1.07
1066868	Drill Core	2.89	0.247	1.2	24.7	18.6	113	1.6	7.8	4.5	1608	1.87	1195	238.7	5.4	10	1.2	25.0	0.2	5	0.98
1066869	Drill Core	4.34	0.854	2.1	42.5	24.2	115	2.3	23.4	7.3	2077	2.27	1631	875.0	4.2	12	0.7	33.0	0.2	6	1.07
1066870	Drill Core	3.82	0.066	3.3	50.5	10.2	172	1.2	30.5	6.8	1982	2.29	151.9	53.2	2.1	15	0.6	27.7	0.2	8	1.26
1066871	Drill Core	3.74	0.772	1.4	28.5	157.1	600	3.9	13.9	7.6	1754	3.25	2030	739.1	1.6	10	4.7	68.2	0.7	6	0.75
1066872	Drill Core	3.02	0.200	1.9	51.3	625.9	1639	4.9	24.8	15.6	1046	4.06	1474	203.9	1.7	2	12.6	120.2	0.9	7	0.25
1066873	Drill Core	3.25	0.095	3.9	31.0	73.1	768	4.6	16.4	8.7	1470	2.78	628.0	95.6	2.3	6	3.1	48.8	1.7	7	0.45

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Project: Charlotte Project
Report Date: November 10, 2011

CERTIFICATE OF ANALYSIS WHI11001532.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1066844	Drill Core	0.059	12	7	0.68	122	0.007	<1	1.17	0.003	0.15	1.0	<0.01	3.9	0.2	1.78	3	1.7	0.4		
1066845	Rock Pulp	0.054	8	26	0.77	116	0.153	3	1.95	0.226	0.25	4.7	0.50	2.7	<0.1	0.17	5	5.4	2.6	155	11.5
1066846	Drill Core	0.039	10	3	0.48	121	0.007	<1	0.72	0.005	0.14	1.0	<0.01	2.3	0.3	0.86	2	1.4	1.0		
1066847	Drill Core	0.049	14	8	0.61	116	0.023	<1	1.36	0.047	0.12	2.4	<0.01	3.8	0.1	0.72	5	0.6	0.9		
1066848	Drill Core	0.072	28	2	0.42	61	0.001	<1	0.67	0.022	0.08	2.1	0.01	3.4	0.2	1.94	2	0.9	0.7		
1066849	Drill Core	0.062	20	3	0.49	44	0.051	<1	0.72	0.073	0.09	14.3	<0.01	2.6	<0.1	1.80	4	0.8	0.4		
1066850	Drill Core	0.063	20	2	0.33	51	0.019	<1	0.67	0.041	0.06	1.0	<0.01	2.5	0.3	0.63	3	<0.5	<0.2		
1066851	Drill Core	0.052	20	6	0.46	78	0.013	<1	0.77	0.038	0.12	1.4	<0.01	4.9	0.2	1.31	3	1.1	0.4		
1066852	Drill Core	0.068	23	7	0.62	70	0.027	2	1.21	0.101	0.12	2.1	<0.01	3.1	0.3	1.68	6	1.2	0.5		
1066853	Drill Core	0.051	16	21	0.76	64	0.003	2	1.54	0.004	0.13	0.2	0.01	3.0	0.2	1.08	4	3.0	0.7		
1066854	Drill Core	0.061	12	12	0.24	91	0.003	1	0.74	0.005	0.16	0.6	0.03	3.0	0.5	1.31	2	2.9	0.8		
1066855	Drill Core	0.063	12	12	0.24	85	0.002	2	0.74	0.004	0.14	1.2	0.03	3.2	0.4	1.37	2	2.6	0.6		
1066856	Drill Core	0.040	9	7	0.40	59	<0.001	3	0.38	0.003	0.18	<0.1	0.03	3.1	0.6	1.58	<1	2.6	<0.2		
1066857	Drill Core	0.039	4	10	0.50	66	0.003	3	0.23	0.004	0.16	0.2	0.14	2.4	0.9	1.75	<1	2.2	0.7		
1066858	Drill Core	0.024	7	4	0.33	105	<0.001	3	0.28	0.003	0.18	0.3	0.23	1.5	0.9	0.55	<1	1.5	<0.2		
1066859	Drill Core	0.038	4	5	0.17	61	<0.001	3	0.28	0.003	0.20	5.9	0.10	1.4	0.5	3.24	<1	3.1	1.4		
1066860	Drill Core	0.028	5	6	0.21	74	<0.001	2	0.30	0.003	0.21	2.3	0.09	1.4	0.5	2.73	<1	3.7	1.8		
1066861	Drill Core	0.027	6	10	0.30	91	0.002	1	0.46	0.007	0.14	0.8	0.05	2.5	0.4	0.93	1	2.4	<0.2		
1066862	Drill Core	0.007	3	5	0.37	39	<0.001	3	0.39	0.004	0.13	0.5	<0.01	1.0	0.4	0.55	<1	1.5	<0.2		
1066863	Drill Core	0.031	7	10	0.29	44	<0.001	3	0.42	0.004	0.16	<0.1	0.05	3.2	0.7	1.05	<1	3.0	<0.2		
1066864	Drill Core	0.044	7	9	0.41	56	0.001	2	0.52	0.004	0.15	0.1	0.05	2.0	0.6	1.30	1	2.9	<0.2		
1066865	Rock Pulp	0.047	7	23	0.71	102	0.118	4	1.60	0.169	0.21	4.4	0.48	2.6	<0.1	0.18	5	4.4	2.3	180	11.8
1066866	Drill Core	0.029	8	10	0.30	38	<0.001	3	0.47	0.002	0.14	<0.1	0.06	3.8	1.2	1.29	1	2.0	<0.2		
1066867	Drill Core	0.041	9	4	0.33	46	<0.001	2	0.33	0.002	0.20	<0.1	0.03	1.5	1.1	1.67	<1	1.0	0.3		
1066868	Drill Core	0.034	13	5	0.31	17	<0.001	3	0.41	0.002	0.23	0.1	0.05	2.3	1.0	1.50	<1	0.9	<0.2		
1066869	Drill Core	0.045	9	11	0.35	23	<0.001	4	0.35	0.002	0.20	0.1	0.06	2.8	1.0	2.06	<1	1.1	<0.2		
1066870	Drill Core	0.027	4	7	0.39	46	<0.001	3	0.29	0.002	0.18	0.2	0.05	1.7	0.8	2.05	<1	1.5	<0.2		
1066871	Drill Core	0.023	3	4	0.23	36	<0.001	2	0.23	0.002	0.14	<0.1	0.77	1.6	12.2	3.41	<1	1.7	0.2		
1066872	Drill Core	0.041	4	4	0.06	36	<0.001	4	0.33	0.002	0.20	0.1	1.65	1.0	28.1	4.43	<1	1.9	0.3		
1066873	Drill Core	0.033	4	6	0.14	55	<0.001	4	0.29	0.002	0.16	0.2	0.36	1.3	7.6	2.65	<1	1.7	0.4		

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: November 10, 2011

CERTIFICATE OF ANALYSIS WHI11001532.1

		Method	7TD	7TD
		Analyte	Pb	Zn
		Unit	%	%
		MDL	0.02	0.01
1066844	Drill Core			
1066845	Rock Pulp			
1066846	Drill Core			
1066847	Drill Core			
1066848	Drill Core			
1066849	Drill Core			
1066850	Drill Core			
1066851	Drill Core			
1066852	Drill Core			
1066853	Drill Core			
1066854	Drill Core			
1066855	Drill Core			
1066856	Drill Core			
1066857	Drill Core			
1066858	Drill Core			
1066859	Drill Core			
1066860	Drill Core			
1066861	Drill Core			
1066862	Drill Core			
1066863	Drill Core			
1066864	Drill Core			
1066865	Rock Pulp			
1066866	Drill Core			
1066867	Drill Core			
1066868	Drill Core			
1066869	Drill Core			
1066870	Drill Core			
1066871	Drill Core			
1066872	Drill Core			
1066873	Drill Core			

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CERTIFICATE OF ANALYSIS WHI11001532.1

	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
1066874	Drill Core	1.76	0.016	1.5	17.5	22.6	287	1.3	11.4	4.9	1201	3.00	60.0	8.3	0.9	8	1.0	15.6	2.6	6	0.63
1066875	Rock	0.69	<0.005	<0.1	3.5	2.2	11	<0.1	<0.1	0.6	206	0.41	<0.5	<0.5	<0.1	35	0.1	0.1	<0.1	<2	16.72
1066876	Drill Core	1.53	<0.005	6.4	43.0	12.4	182	0.6	12.3	7.0	1285	3.61	67.7	4.9	2.9	14	0.9	15.5	4.1	6	1.06
1066877	Drill Core	2.83	0.010	3.1	66.5	12.1	52	0.9	19.1	5.7	826	2.93	95.8	8.3	2.7	12	0.1	25.6	2.9	7	0.97
1066878	Drill Core	4.38	0.016	2.6	62.3	33.7	63	1.8	21.9	5.9	1466	3.02	116.9	15.5	2.4	12	0.4	30.5	3.3	6	1.00
1066879	Drill Core	2.56	0.376	3.8	37.4	170.5	56	3.8	15.4	6.3	2250	3.90	553.7	389.6	2.9	16	0.6	30.4	3.3	5	1.23
1066880	Drill Core	6.41	0.210	13.3	25.5	697.1	623	3.4	11.6	8.8	3411	3.42	1226	205.7	1.9	22	6.7	92.6	1.3	10	1.82
1066881	Rock	0.69	<0.005	<0.1	0.8	1.4	12	<0.1	1.0	0.5	188	0.39	0.8	<0.5	<0.1	37	<0.1	0.2	<0.1	<2	17.31
1066882	Drill Core	4.05	0.066	42.2	75.4	39.0	43	16.1	7.3	7.9	3378	3.15	232.3	65.8	1.7	31	0.4	50.4	1.6	8	2.08
1066883	Drill Core	3.80	0.782	29.0	31.7	1306	798	10.0	6.7	6.2	2162	2.45	1873	785.2	1.3	16	8.3	251.7	0.8	6	1.17
1066884	Drill Core	3.27	0.029	25.0	30.5	36.9	42	3.8	9.2	6.0	2722	2.26	77.9	21.9	1.7	22	0.1	23.1	0.7	7	1.61
1066885	Rock Pulp	0.10	0.410	9.9	129.3	7.2	48	0.2	28.1	35.8	478	3.06	1379	380.9	3.0	71	0.2	2.0	4.0	78	1.32
1066886	Drill Core	4.26	0.207	9.8	16.7	67.4	113	2.4	7.7	4.7	4932	2.82	368.4	217.9	1.6	39	1.1	28.5	0.3	6	2.91
1066887	Drill Core	3.91	0.030	104.3	22.2	39.6	67	1.6	5.7	6.0	3386	2.45	170.8	32.4	2.9	28	0.3	15.9	0.2	6	1.86
1066888	Drill Core	3.59	0.058	136.5	29.5	53.5	73	1.6	22.9	8.1	5088	2.90	358.4	53.2	2.4	44	0.3	16.8	0.4	8	2.83
1066889	Drill Core	4.25	0.052	155.4	16.3	51.2	485	1.0	4.8	4.7	1762	3.57	230.4	51.8	3.4	21	5.0	24.5	0.7	4	1.27
1066890	Drill Core	3.56	4.872	9.9	527.7	>10000	>10000	>100	3.5	3.2	1355	7.17	>10000	5228	0.8	10	395.8	>2000	0.4	3	0.56
1066891	Drill Core	3.12	1.708	112.9	534.6	4447	5264	70.7	5.7	6.8	1827	4.88	6933	1726	1.1	16	80.1	1031	0.3	8	0.98
1066892	Drill Core	4.23	0.509	18.1	432.5	2811	3284	87.6	12.7	21.0	1877	4.99	2204	647.8	1.1	13	53.5	938.0	0.4	9	1.01
1066893	Drill Core	4.17	0.368	17.0	39.7	251.0	418	10.9	6.4	6.3	1813	2.39	2166	375.8	3.3	12	5.0	98.2	0.2	5	0.81
1066894	Drill Core	3.98	0.075	50.4	48.6	107.1	238	11.4	7.5	7.2	2613	2.68	751.2	77.9	2.6	17	2.6	49.2	0.2	6	1.38
1066895	Drill Core	1.89	0.097	34.7	52.9	86.5	281	12.8	7.3	7.9	2348	2.87	790.8	108.4	2.9	16	3.2	48.1	0.2	7	1.24
1066896	Drill Core	2.98	0.135	20.3	53.2	399.8	529	14.5	5.6	7.7	3747	2.48	1454	146.8	2.2	19	6.6	83.1	0.5	8	1.85
1066897	Drill Core	2.55	0.057	9.3	31.1	39.3	96	0.6	8.1	5.2	1885	2.11	259.7	55.1	2.2	12	0.8	16.9	0.2	6	1.17
1066898	Drill Core	3.41	0.027	115.4	58.4	92.6	266	1.0	7.4	7.3	2278	2.11	346.2	34.6	2.7	16	3.2	34.6	0.4	6	1.29
1066899	Drill Core	3.87	0.047	78.5	37.0	42.8	197	0.7	5.9	5.5	1477	1.63	492.3	60.1	2.5	8	1.9	23.4	0.1	5	0.74
1066900	Rock	0.69	<0.005	0.1	1.6	1.4	12	<0.1	1.2	0.7	178	0.44	1.9	1.6	<0.1	36	<0.1	0.2	<0.1	<2	17.68
1066901	Drill Core	3.19	0.140	80.8	55.0	141.4	470	3.2	4.0	4.5	3485	2.09	556.4	146.3	3.5	19	5.9	34.0	0.2	3	1.51
1066902	Drill Core	3.93	0.034	78.4	53.0	64.5	224	0.9	7.2	8.5	1318	2.98	211.7	22.4	3.2	12	2.6	24.0	0.2	5	1.09
1066903	Drill Core	4.48	0.050	26.7	55.3	90.2	368	0.7	24.4	11.2	2799	2.78	195.1	32.2	2.6	34	4.5	24.2	0.3	11	2.52

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1066874	Drill Core	0.014	2	15	0.22	46	<0.001	2	0.16	0.002	0.10	0.2	0.07	1.1	1.1	2.98	<1	2.5	0.4		
1066875	Rock	0.010	<1	<1	10.53	10	<0.001	<1	0.02	0.003	0.01	<0.1	0.01	<0.1	<0.1	0.07	<1	<0.5	<0.2		
1066876	Drill Core	0.024	4	7	0.37	37	<0.001	3	0.26	0.003	0.17	0.2	0.14	1.4	1.0	3.81	<1	2.6	0.7		
1066877	Drill Core	0.038	4	5	0.31	57	<0.001	2	0.28	0.003	0.19	0.2	0.10	1.5	0.8	3.09	<1	2.8	0.8		
1066878	Drill Core	0.032	4	6	0.33	63	<0.001	1	0.28	0.003	0.20	0.3	0.09	1.5	1.2	3.11	<1	2.6	0.9		
1066879	Drill Core	0.026	3	6	0.41	52	<0.001	2	0.29	0.003	0.21	0.3	0.04	1.5	0.7	4.10	<1	3.1	1.0		
1066880	Drill Core	0.047	3	3	0.56	34	<0.001	3	0.34	0.003	0.17	0.1	0.16	3.3	3.0	3.46	<1	1.4	0.3		
1066881	Rock	0.010	<1	<1	10.93	12	<0.001	<1	0.02	0.001	0.01	<0.1	<0.01	<0.1	<0.1	0.07	<1	<0.5	<0.2		
1066882	Drill Core	0.045	3	5	0.67	42	<0.001	3	0.33	0.003	0.20	0.1	0.05	3.6	0.5	3.18	<1	1.6	<0.2		
1066883	Drill Core	0.030	2	4	0.37	39	<0.001	4	0.28	0.002	0.17	<0.1	0.06	2.5	0.6	2.50	<1	0.9	<0.2		
1066884	Drill Core	0.041	5	6	0.53	48	<0.001	4	0.29	0.002	0.18	0.2	0.07	2.8	0.4	2.15	<1	1.2	<0.2		
1066885	Rock Pulp	0.053	7	46	0.76	122	0.125	3	1.63	0.175	0.27	0.5	<0.01	2.5	<0.1	0.13	5	2.1	0.6		
1066886	Drill Core	0.028	3	6	0.85	34	<0.001	3	0.21	0.003	0.14	0.1	0.10	3.0	0.4	2.75	<1	0.8	<0.2		
1066887	Drill Core	0.043	4	2	0.59	49	<0.001	4	0.46	0.002	0.29	0.2	0.06	3.3	0.6	2.24	1	1.3	<0.2		
1066888	Drill Core	0.030	3	5	0.85	41	<0.001	4	0.28	0.002	0.19	0.1	0.04	3.0	0.3	2.65	<1	1.9	<0.2		
1066889	Drill Core	0.038	4	2	0.34	34	<0.001	5	0.46	0.002	0.29	0.4	0.06	2.2	0.6	3.61	1	1.5	<0.2		
1066890	Drill Core	0.016	<1	7	0.16	16	<0.001	2	0.17	<0.001	0.10	0.2	0.79	1.1	2.7	7.35	1	1.9	<0.2	105	4.7
1066891	Drill Core	0.048	3	2	0.26	30	<0.001	5	0.44	0.002	0.27	0.2	0.17	2.1	1.2	5.10	1	1.6	<0.2		
1066892	Drill Core	0.047	2	8	0.24	25	<0.001	3	0.29	0.001	0.19	0.1	0.20	4.2	1.3	5.44	<1	3.4	<0.2		
1066893	Drill Core	0.052	6	2	0.22	49	<0.001	5	0.48	0.002	0.30	0.2	0.06	2.2	0.8	2.34	1	1.3	<0.2		
1066894	Drill Core	0.047	5	5	0.40	44	<0.001	3	0.34	0.002	0.22	0.2	0.07	2.8	0.7	2.74	<1	0.9	<0.2		
1066895	Drill Core	0.049	5	2	0.36	43	<0.001	4	0.42	0.002	0.27	0.2	0.10	2.6	0.9	2.94	1	0.9	<0.2		
1066896	Drill Core	0.056	4	4	0.55	26	<0.001	4	0.38	0.002	0.24	0.1	0.07	3.6	0.5	2.35	1	1.2	<0.2		
1066897	Drill Core	0.044	5	2	0.35	64	<0.001	3	0.42	0.002	0.26	0.1	0.03	2.4	0.5	1.85	1	1.0	<0.2		
1066898	Drill Core	0.040	6	5	0.39	73	<0.001	4	0.39	0.002	0.24	0.2	0.04	2.6	0.3	1.49	<1	0.8	<0.2		
1066899	Drill Core	0.028	6	1	0.22	82	<0.001	2	0.41	0.002	0.24	0.1	0.04	2.0	0.4	1.11	1	1.6	<0.2		
1066900	Rock	0.014	<1	<1	11.05	13	<0.001	<1	0.02	0.001	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	0.6	<0.2		
1066901	Drill Core	0.038	6	1	0.42	69	<0.001	4	0.42	0.002	0.26	0.2	0.05	2.4	0.4	1.57	1	0.8	<0.2		
1066902	Drill Core	0.065	6	4	0.27	56	<0.001	3	0.44	0.002	0.29	0.1	0.05	1.8	0.7	2.58	1	1.0	<0.2		
1066903	Drill Core	0.066	5	14	0.63	74	<0.001	4	0.48	0.002	0.31	0.2	0.04	5.0	0.7	1.96	1	0.7	<0.2		

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		Analyte	Pb	Zn
		Unit	%	%
		MDL	0.02	0.01
1066874	Drill Core			
1066875	Rock			
1066876	Drill Core			
1066877	Drill Core			
1066878	Drill Core			
1066879	Drill Core			
1066880	Drill Core			
1066881	Rock			
1066882	Drill Core			
1066883	Drill Core			
1066884	Drill Core			
1066885	Rock Pulp			
1066886	Drill Core			
1066887	Drill Core			
1066888	Drill Core			
1066889	Drill Core			
1066890	Drill Core		1.46	3.00
1066891	Drill Core			
1066892	Drill Core			
1066893	Drill Core			
1066894	Drill Core			
1066895	Drill Core			
1066896	Drill Core			
1066897	Drill Core			
1066898	Drill Core			
1066899	Drill Core			
1066900	Rock			
1066901	Drill Core			
1066902	Drill Core			
1066903	Drill Core			

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	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
1066904	Drill Core	4.42	0.042	66.3	80.4	42.2	276	1.0	24.2	14.5	2985	3.52	434.7	36.6	2.1	34	3.6	24.8	0.3	12	2.79
1066905	Rock Pulp	0.09	0.394	9.6	124.8	7.7	48	0.2	25.8	34.4	506	3.17	1304	377.6	3.1	81	0.2	2.1	4.3	82	1.44
1066906	Drill Core	3.25	0.057	9.6	144.2	70.3	453	2.9	16.1	21.5	2379	4.90	504.2	50.1	0.8	18	5.5	48.6	0.4	14	1.37
1066907	Drill Core	3.41	0.045	38.2	387.1	1521	1820	5.8	30.1	22.5	3638	5.45	441.8	69.8	1.1	30	23.8	96.9	0.5	16	2.18
1066908	Drill Core	6.81	0.014	91.6	176.3	27.3	127	1.1	12.8	17.2	2013	3.36	144.1	13.8	3.9	24	1.0	38.2	0.3	8	1.73
1066909	Drill Core	2.90	<0.005	77.4	58.5	11.6	73	0.1	3.5	6.8	1682	1.85	74.4	1.6	4.7	38	0.2	20.4	0.2	15	2.02
1066910	Drill Core	3.79	<0.005	26.7	53.7	9.2	70	0.2	2.9	6.1	1773	1.82	227.7	4.2	4.9	56	0.4	18.1	0.2	17	2.76
1066911	Drill Core	3.94	0.005	39.8	50.0	8.4	71	0.2	5.8	5.1	1569	1.68	197.7	5.6	3.1	44	0.4	15.7	0.1	16	2.45
1066912	Drill Core	3.57	0.010	59.4	74.1	4.7	54	0.2	6.2	6.0	1255	1.76	108.1	2.4	2.0	34	0.1	20.6	0.2	12	2.01
1066913	Drill Core	3.20	<0.005	11.5	18.6	3.9	205	0.1	6.8	9.6	2009	2.18	149.4	3.4	10.6	45	1.3	7.8	0.2	25	1.91
1066914	Drill Core	3.53	<0.005	24.4	20.1	5.4	164	0.2	6.2	11.6	1588	2.13	90.5	2.7	10.7	60	1.7	7.6	0.3	19	2.53
1066915	Rock	0.55	<0.005	0.3	1.5	1.6	13	<0.1	1.3	0.6	181	0.41	1.8	1.5	0.1	37	<0.1	0.2	<0.1	<2	18.15
1066916	Drill Core	4.25	<0.005	7.2	4.8	6.4	83	0.1	2.9	5.7	829	1.30	40.2	<0.5	17.1	59	0.2	4.3	0.2	5	1.79
1066917	Drill Core	5.35	<0.005	14.0	9.9	21.8	104	0.7	2.8	4.9	980	1.28	51.4	4.2	18.6	47	0.7	7.1	0.2	6	1.64
1066918	Drill Core	3.63	<0.005	40.8	4.1	10.4	49	0.2	2.3	3.9	1214	1.29	31.7	2.9	19.8	24	0.1	6.5	0.1	3	1.19
1066919	Drill Core	3.64	<0.005	59.5	4.8	9.3	30	0.3	2.2	4.9	1299	1.41	34.2	2.0	19.8	24	<0.1	7.0	0.1	3	1.09
1066920	Drill Core	3.99	<0.005	53.7	6.6	7.6	52	0.5	2.1	4.3	1099	1.11	41.2	5.7	18.7	21	0.1	7.7	0.2	2	1.26
1066921	Drill Core	3.82	<0.005	232.7	19.5	7.2	42	1.2	4.5	8.1	1208	1.96	42.9	4.4	17.2	20	<0.1	12.4	0.3	5	1.17
1066922	Drill Core	4.66	0.017	45.8	124.8	6.1	28	2.2	6.7	10.9	1951	2.75	54.5	11.9	1.6	41	0.2	46.5	0.4	8	2.93
1066923	Drill Core	3.04	<0.005	40.0	86.1	3.7	17	0.3	6.9	6.2	915	1.76	28.3	8.4	2.0	34	<0.1	20.5	0.2	7	1.95
1066924	Drill Core	3.80	0.007	9.1	63.3	5.4	24	0.4	7.5	7.4	1263	2.24	24.2	8.9	3.2	47	<0.1	15.3	0.4	6	2.97
1066925	Rock Pulp	0.09	>10	8.0	114.3	15.6	53	>100	15.5	10.7	566	3.43	231.3	12066	3.0	67	0.3	8.7	16.9	70	1.52
1066926	Drill Core	3.56	0.013	11.9	67.3	4.7	27	0.5	6.9	9.0	1520	2.48	17.4	11.6	1.8	53	<0.1	15.1	0.4	8	3.22
1066927	Drill Core	2.48	0.027	4.2	58.0	5.2	34	0.5	7.5	8.0	1897	2.42	44.0	8.4	1.7	38	<0.1	15.3	0.3	9	2.61
1066928	Drill Core	2.43	0.015	8.2	64.2	5.8	39	0.6	4.9	7.9	2233	2.00	37.4	7.3	1.7	39	0.1	26.4	0.2	6	2.67
1066929	Drill Core	3.29	0.058	9.7	38.8	6.8	52	0.6	5.2	8.5	1943	2.33	145.7	51.6	1.8	31	<0.1	15.9	0.2	10	2.23
1066930	Drill Core	3.70	0.304	32.4	28.5	345.7	687	2.5	4.9	7.6	1763	2.92	1007	292.6	3.9	18	8.2	102.7	0.3	6	1.08
1066931	Drill Core	4.29	7.850	26.6	33.4	1047	2695	4.0	3.4	5.4	7124	3.89	9141	7596	2.2	23	31.7	326.5	0.2	6	1.87
1066932	Rock	0.56	0.006	0.2	0.6	2.1	12	<0.1	1.9	0.9	214	0.42	8.1	5.1	<0.1	42	<0.1	0.2	<0.1	<2	21.84
1066933	Drill Core	4.03	0.958	10.7	31.5	346.8	1173	1.8	4.6	8.4	1287	4.47	2295	949.2	3.5	13	15.3	78.8	0.2	3	0.69

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Project: Charlotte Project
Report Date: November 10, 2011

CERTIFICATE OF ANALYSIS WHI11001532.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1066904	Drill Core	0.070	4	19	0.70	56	<0.001	5	0.41	0.002	0.27	0.2	0.06	5.7	0.7	2.47	<1	0.9	<0.2		
1066905	Rock Pulp	0.052	7	46	0.76	126	0.132	3	1.80	0.215	0.27	0.4	<0.01	2.9	<0.1	0.13	5	2.3	0.6		
1066906	Drill Core	0.082	3	4	0.33	43	<0.001	5	0.48	0.002	0.30	0.2	0.09	4.9	0.9	4.80	1	2.6	<0.2		
1066907	Drill Core	0.060	3	5	0.57	34	<0.001	7	0.48	0.002	0.28	0.2	0.21	4.2	0.6	4.80	1	4.1	0.2		
1066908	Drill Core	0.061	6	9	0.46	53	<0.001	3	0.40	0.002	0.23	0.2	0.10	3.2	0.4	2.75	<1	2.0	<0.2		
1066909	Drill Core	0.078	13	2	0.58	38	<0.001	5	0.97	<0.001	0.22	0.1	0.03	3.6	0.3	1.11	2	1.1	<0.2		
1066910	Drill Core	0.080	12	4	0.85	111	<0.001	4	0.68	0.002	0.18	0.1	0.02	3.5	0.3	0.90	1	<0.5	<0.2		
1066911	Drill Core	0.040	8	4	0.86	169	<0.001	4	0.86	0.002	0.26	<0.1	0.02	3.5	0.3	0.75	1	0.6	<0.2		
1066912	Drill Core	0.038	6	5	0.71	102	<0.001	3	0.49	0.003	0.22	<0.1	0.03	2.3	0.2	1.10	<1	1.7	<0.2		
1066913	Drill Core	0.051	21	4	0.69	46	<0.001	3	0.96	0.002	0.26	0.1	0.03	4.9	0.3	1.24	2	1.0	<0.2		
1066914	Drill Core	0.052	19	4	1.00	43	<0.001	4	0.57	0.003	0.24	0.2	0.01	4.0	0.3	1.39	1	0.8	<0.2		
1066915	Rock	0.016	<1	<1	11.71	25	<0.001	1	0.04	0.002	0.02	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066916	Drill Core	0.036	34	2	0.75	56	<0.001	2	0.43	0.003	0.20	0.1	<0.01	1.4	0.2	0.86	<1	<0.5	<0.2		
1066917	Drill Core	0.036	35	1	0.68	90	<0.001	3	0.59	0.004	0.29	0.2	0.06	1.6	0.5	0.83	1	<0.5	<0.2		
1066918	Drill Core	0.034	40	2	0.45	143	<0.001	2	0.42	0.003	0.23	0.2	0.04	0.9	0.4	0.79	<1	<0.5	<0.2		
1066919	Drill Core	0.037	36	1	0.41	127	<0.001	4	0.58	0.003	0.33	0.2	0.04	1.0	0.5	1.04	1	<0.5	<0.2		
1066920	Drill Core	0.032	34	3	0.41	91	<0.001	3	0.37	0.003	0.23	0.2	0.09	0.6	0.7	0.86	<1	<0.5	<0.2		
1066921	Drill Core	0.045	27	2	0.41	84	<0.001	4	0.56	0.002	0.33	0.2	0.05	1.8	0.8	1.74	1	0.5	<0.2		
1066922	Drill Core	0.070	6	3	1.04	33	<0.001	4	0.28	0.003	0.20	0.4	0.18	2.9	0.8	2.53	<1	1.1	<0.2		
1066923	Drill Core	0.035	5	2	0.77	57	0.001	5	0.37	0.003	0.24	0.4	0.04	2.0	0.3	1.35	<1	0.9	<0.2		
1066924	Drill Core	0.050	5	4	1.03	86	<0.001	4	0.29	0.003	0.21	0.4	0.04	2.5	0.3	1.75	<1	0.6	<0.2		
1066925	Rock Pulp	0.047	7	24	0.71	105	0.123	4	1.59	0.182	0.22	5.0	0.46	2.7	<0.1	0.17	5	5.5	2.3	171	11.8
1066926	Drill Core	0.050	5	4	1.06	70	<0.001	4	0.34	0.003	0.23	0.4	0.02	3.2	0.4	1.93	<1	0.7	<0.2		
1066927	Drill Core	0.037	3	1	0.76	40	<0.001	3	0.36	0.002	0.20	0.3	0.04	4.2	0.4	2.07	<1	<0.5	<0.2		
1066928	Drill Core	0.036	4	4	0.92	60	<0.001	4	0.30	0.002	0.20	0.3	0.05	3.3	0.4	1.44	<1	0.9	<0.2		
1066929	Drill Core	0.040	4	1	0.77	47	<0.001	5	0.44	0.003	0.28	0.4	0.15	3.7	1.3	1.98	<1	<0.5	<0.2		
1066930	Drill Core	0.038	5	4	0.32	43	<0.001	3	0.27	0.001	0.17	0.4	0.07	2.3	0.8	2.96	<1	0.8	<0.2		
1066931	Drill Core	0.022	3	1	0.60	32	<0.001	4	0.25	<0.001	0.15	0.4	0.16	2.1	1.0	3.77	<1	<0.5	<0.2		
1066932	Rock	0.015	<1	1	11.32	17	<0.001	<1	0.03	0.002	0.02	0.2	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1066933	Drill Core	0.048	4	1	0.19	41	0.002	4	0.32	0.002	0.19	0.4	0.09	1.8	0.8	4.79	<1	0.7	<0.2		

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CERTIFICATE OF ANALYSIS WHI11001532.1

		Method	7TD	7TD
		Analyte	Pb	Zn
		Unit	%	%
		MDL	0.02	0.01
1066904	Drill Core			
1066905	Rock Pulp			
1066906	Drill Core			
1066907	Drill Core			
1066908	Drill Core			
1066909	Drill Core			
1066910	Drill Core			
1066911	Drill Core			
1066912	Drill Core			
1066913	Drill Core			
1066914	Drill Core			
1066915	Rock			
1066916	Drill Core			
1066917	Drill Core			
1066918	Drill Core			
1066919	Drill Core			
1066920	Drill Core			
1066921	Drill Core			
1066922	Drill Core			
1066923	Drill Core			
1066924	Drill Core			
1066925	Rock Pulp			
1066926	Drill Core			
1066927	Drill Core			
1066928	Drill Core			
1066929	Drill Core			
1066930	Drill Core			
1066931	Drill Core			
1066932	Rock			
1066933	Drill Core			

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CERTIFICATE OF ANALYSIS WHI11001532.1

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
1066934	Drill Core	3.97	1.555	25.6	114.9	1482	2386	31.7	8.2	5.5	1139	3.60	3777	1394	1.7	10	35.3	672.2	0.2	5	0.68
1066935	Drill Core	2.14	2.301	27.0	161.1	1134	3508	44.1	10.0	6.6	780	4.37	5773	2399	1.9	7	54.8	566.6	0.2	5	0.45
1066936	Drill Core	3.76	0.171	11.5	26.5	339.6	2773	3.7	8.0	5.2	2335	2.27	541.6	174.0	1.9	20	22.5	72.5	0.2	6	1.38
1066937	Drill Core	3.20	0.055	9.6	21.0	35.9	61	0.9	2.9	5.0	2197	2.04	199.5	52.3	2.8	43	0.7	22.1	0.1	7	2.63
1066938	Drill Core	3.34	<0.005	25.8	114.6	5.2	42	0.2	8.2	10.6	1229	2.31	40.5	1.7	2.0	49	0.1	25.9	0.2	16	2.65
1066939	Drill Core	2.55	<0.005	17.2	54.6	3.6	33	0.2	7.4	6.7	713	1.81	21.7	1.8	1.9	39	<0.1	19.2	0.2	10	2.45
1066940	Drill Core	4.83	<0.005	17.0	76.9	4.7	57	0.2	7.9	7.6	536	1.96	18.9	3.5	3.3	33	<0.1	16.5	0.1	16	1.94
1066941	Drill Core	3.90	<0.005	3.7	37.7	3.3	41	0.1	3.6	4.7	691	1.61	13.9	4.9	3.0	41	<0.1	10.1	<0.1	7	2.33
1066942	Rock Pulp	0.10	0.364	8.9	121.0	6.8	47	0.2	24.6	32.6	461	2.97	1246	368.9	3.1	73	0.3	1.7	4.3	72	1.24

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CERTIFICATE OF ANALYSIS WHI11001532.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1066934	Drill Core	0.043	3	5	0.18	35	<0.001	3	0.24	<0.001	0.16	0.3	0.12	1.7	1.0	3.79	<1	0.9	<0.2		
1066935	Drill Core	0.051	3	2	0.12	44	<0.001	4	0.31	<0.001	0.19	0.3	0.16	1.5	1.0	4.58	<1	1.4	<0.2		
1066936	Drill Core	0.062	4	5	0.37	54	<0.001	3	0.26	0.001	0.18	0.2	0.12	1.9	0.7	2.38	<1	0.6	<0.2		
1066937	Drill Core	0.050	4	<1	0.58	54	<0.001	4	0.35	0.002	0.23	0.2	0.10	3.0	1.0	1.87	<1	0.5	<0.2		
1066938	Drill Core	0.049	4	4	0.85	65	0.002	4	0.42	0.003	0.22	0.2	0.05	5.4	0.5	1.70	<1	1.3	<0.2		
1066939	Drill Core	0.041	4	2	0.77	114	<0.001	3	0.35	0.003	0.24	<0.1	0.04	2.9	0.4	1.06	<1	0.6	<0.2		
1066940	Drill Core	0.049	8	5	0.62	130	<0.001	3	0.42	0.002	0.16	<0.1	0.02	4.5	0.2	1.16	<1	0.9	<0.2		
1066941	Drill Core	0.027	5	1	0.78	116	<0.001	3	0.38	0.004	0.20	<0.1	0.02	2.3	0.2	0.96	<1	<0.5	<0.2		
1066942	Rock Pulp	0.049	6	42	0.71	122	0.116	3	1.57	0.179	0.26	0.4	<0.01	2.4	<0.1	0.11	4	1.3	0.6		

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CERTIFICATE OF ANALYSIS WHI11001532.1

Method		7TD	7TD
Analyte		Pb	Zn
Unit		%	%
MDL		0.02	0.01
1066934	Drill Core		
1066935	Drill Core		
1066936	Drill Core		
1066937	Drill Core		
1066938	Drill Core		
1066939	Drill Core		
1066940	Drill Core		
1066941	Drill Core		
1066942	Rock Pulp		

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QUALITY CONTROL REPORT WHI11001532.1

	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																					
REP 1066789	QC			2.5	48.4	7.9	282	1.2	5.0	2.9	190	3.04	254.8	22.4	1.6	10	1.5	17.4	0.5	23	0.14
1066803	Drill Core	2.13	<0.005	1.7	53.4	179.5	661	0.2	15.4	7.5	236	4.01	772.1	3.4	3.9	8	3.8	13.1	0.2	31	0.25
REP 1066803	QC		<0.005																		
1066804	Drill Core	6.05	<0.005	1.7	50.5	11.6	453	<0.1	11.5	8.9	409	4.41	556.4	1.8	3.5	12	3.0	13.8	0.2	74	0.26
REP 1066804	QC			1.5	46.1	10.8	412	<0.1	10.9	8.2	373	4.06	516.4	0.9	3.2	11	2.9	12.6	0.2	69	0.26
1066831	Drill Core	3.38	<0.005	5.8	49.0	16.8	250	0.5	33.9	10.2	1585	3.26	641.9	5.9	3.8	7	0.9	9.4	0.8	26	0.64
REP 1066831	QC			5.4	47.6	16.1	246	0.3	32.3	10.0	1517	3.22	616.5	4.1	3.7	7	1.0	9.1	0.7	26	0.62
1066843	Drill Core	4.32	<0.005	2.5	109.1	8.6	137	0.5	30.0	12.9	558	3.32	445.6	3.1	3.4	15	0.4	4.5	2.7	71	0.62
REP 1066843	QC		<0.005																		
1066846	Drill Core	3.77	0.034	0.6	67.7	7.6	81	0.3	11.7	4.2	335	1.95	150.8	4.3	2.8	34	0.3	2.0	4.8	17	1.36
REP 1066846	QC			0.4	64.0	6.6	73	0.3	10.8	3.8	309	1.78	142.2	2.8	2.6	32	0.2	1.8	4.6	15	1.20
REP 1066859	QC			3.2	163.5	87.0	616	3.9	30.1	8.7	2898	3.84	311.9	23.9	2.5	10	3.3	59.8	11.9	7	0.48
1066869	Drill Core	4.34	0.854	2.1	42.5	24.2	115	2.3	23.4	7.3	2077	2.27	1631	875.0	4.2	12	0.7	33.0	0.2	6	1.07
REP 1066869	QC		0.843																		
1066877	Drill Core	2.83	0.010	3.1	66.5	12.1	52	0.9	19.1	5.7	826	2.93	95.8	8.3	2.7	12	0.1	25.6	2.9	7	0.97
REP 1066877	QC			2.9	66.0	11.8	51	0.8	17.2	6.0	805	2.87	90.2	5.9	2.5	12	0.2	24.3	2.8	7	0.93
REP 1066894	QC			50.9	50.7	110.7	243	11.6	7.6	7.2	2647	2.75	754.3	81.0	2.7	18	2.5	49.0	0.2	7	1.41
1066919	Drill Core	3.64	<0.005	59.5	4.8	9.3	30	0.3	2.2	4.9	1299	1.41	34.2	2.0	19.8	24	<0.1	7.0	0.1	3	1.09
REP 1066919	QC			60.4	4.9	9.6	32	0.3	2.4	4.8	1317	1.41	35.0	1.8	20.4	25	0.1	7.4	0.1	3	1.09
1066935	Drill Core	2.14	2.301	27.0	161.1	1134	3508	44.1	10.0	6.6	780	4.37	5773	2399	1.9	7	54.8	566.6	0.2	5	0.45
REP 1066935	QC			25.9	153.1	1107	3511	42.1	9.9	6.5	771	4.31	5660	2402	1.9	7	55.3	566.4	0.2	5	0.43
Core Reject Duplicates																					
1066789	Drill Core	0.59	0.019	2.4	45.8	7.8	275	1.2	4.6	2.8	181	2.98	238.4	21.5	1.6	9	1.3	16.7	0.5	23	0.14
DUP 1066789	QC		0.027	2.8	48.4	8.0	285	1.5	4.6	3.0	196	3.10	254.2	22.4	1.7	9	1.3	17.9	0.5	22	0.14
1066824	Drill Core	4.34	<0.005	2.5	56.2	8.7	256	0.2	27.3	9.9	785	3.83	938.1	1.9	4.6	10	0.5	16.7	0.2	40	0.48
DUP 1066824	QC		<0.005	2.7	56.2	11.4	253	0.2	28.5	10.2	792	3.90	968.4	1.3	4.5	10	0.5	17.8	0.2	41	0.48
1066859	Drill Core	3.92	0.017	2.8	153.6	81.3	578	3.7	28.1	8.2	2754	3.65	298.5	26.5	2.4	10	2.7	56.0	10.3	7	0.46
DUP 1066859	QC		0.026	3.4	165.3	88.9	622	4.1	31.7	8.7	2975	3.94	323.3	25.1	2.5	11	3.1	62.9	12.0	7	0.55

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: November 10, 2011

QUALITY CONTROL REPORT WHI11001532.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
Pulp Duplicates																					
REP 1066789	QC	0.042	6	5	0.06	185	0.003	<1	0.65	0.015	0.15	0.2	0.09	6.4	0.2	<0.05	1	0.5	<0.2		
1066803	Drill Core	0.082	12	6	0.16	37	0.003	<1	1.45	0.006	0.12	<0.1	0.17	9.5	0.4	<0.05	2	1.3	<0.2		
REP 1066803	QC																				
1066804	Drill Core	0.094	7	10	0.31	88	0.036	3	1.33	0.018	0.23	<0.1	0.07	13.4	1.2	0.10	4	1.0	<0.2		
REP 1066804	QC	0.088	7	9	0.29	78	0.033	3	1.19	0.017	0.21	<0.1	0.07	12.7	1.1	0.10	4	0.9	<0.2		
1066831	Drill Core	0.046	14	7	0.20	177	0.001	1	1.15	0.001	0.13	<0.1	0.03	4.1	0.3	0.69	3	2.6	0.4		
REP 1066831	QC	0.045	14	7	0.19	178	0.003	<1	1.15	0.001	0.13	<0.1	0.02	4.0	0.3	0.65	3	2.2	0.4		
1066843	Drill Core	0.073	17	10	0.61	118	0.013	<1	1.44	0.005	0.18	0.5	<0.01	6.4	0.3	1.35	4	3.1	0.7		
REP 1066843	QC																				
1066846	Drill Core	0.039	10	3	0.48	121	0.007	<1	0.72	0.005	0.14	1.0	<0.01	2.3	0.3	0.86	2	1.4	1.0		
REP 1066846	QC	0.036	9	3	0.45	112	0.005	<1	0.65	0.004	0.13	0.8	<0.01	2.2	0.1	0.80	2	0.9	1.0		
REP 1066859	QC	0.040	4	5	0.17	61	<0.001	3	0.28	0.003	0.20	6.0	0.11	1.5	0.5	3.42	<1	3.1	1.8		
1066869	Drill Core	0.045	9	11	0.35	23	<0.001	4	0.35	0.002	0.20	0.1	0.06	2.8	1.0	2.06	<1	1.1	<0.2		
REP 1066869	QC																				
1066877	Drill Core	0.038	4	5	0.31	57	<0.001	2	0.28	0.003	0.19	0.2	0.10	1.5	0.8	3.09	<1	2.8	0.8		
REP 1066877	QC	0.037	3	4	0.30	53	<0.001	1	0.27	0.003	0.18	0.3	0.08	1.5	0.7	2.95	<1	3.5	0.8		
REP 1066894	QC	0.048	5	5	0.41	46	<0.001	3	0.34	0.002	0.22	0.1	0.08	2.7	0.6	2.76	<1	1.1	<0.2		
1066919	Drill Core	0.037	36	1	0.41	127	<0.001	4	0.58	0.003	0.33	0.2	0.04	1.0	0.5	1.04	1	<0.5	<0.2		
REP 1066919	QC	0.038	37	1	0.41	130	<0.001	4	0.60	0.003	0.34	0.2	0.04	1.2	0.5	1.04	1	<0.5	<0.2		
1066935	Drill Core	0.051	3	2	0.12	44	<0.001	4	0.31	<0.001	0.19	0.3	0.16	1.5	1.0	4.58	<1	1.4	<0.2		
REP 1066935	QC	0.050	3	1	0.12	40	<0.001	5	0.29	<0.001	0.19	0.3	0.15	1.5	1.0	4.54	<1	0.8	<0.2		
Core Reject Duplicates																					
1066789	Drill Core	0.041	6	5	0.06	181	0.003	2	0.64	0.015	0.15	0.2	0.10	6.0	0.2	<0.05	1	<0.5	<0.2		
DUP 1066789	QC	0.041	5	5	0.07	179	0.002	2	0.59	0.015	0.14	0.2	0.10	6.4	0.2	<0.05	1	0.5	<0.2		
1066824	Drill Core	0.062	14	8	0.24	90	0.004	1	1.50	0.001	0.14	<0.1	0.09	7.0	0.9	0.42	3	1.4	<0.2		
DUP 1066824	QC	0.061	14	8	0.24	93	0.004	2	1.52	0.001	0.14	<0.1	0.09	7.2	1.0	0.45	3	1.8	<0.2		
1066859	Drill Core	0.038	4	5	0.17	61	<0.001	3	0.28	0.003	0.20	5.9	0.10	1.4	0.5	3.24	<1	3.1	1.4		
DUP 1066859	QC	0.041	5	6	0.18	62	<0.001	3	0.28	0.003	0.21	6.4	0.10	1.6	0.5	3.53	<1	2.9	1.8		

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Project: Charlotte Project
Report Date: November 10, 2011

QUALITY CONTROL REPORT WHI11001532.1

		Method	7TD	7TD
		Analyte	Pb	Zn
		Unit	%	%
		MDL	0.02	0.01
Pulp Duplicates				
REP 1066789	QC			
1066803	Drill Core			
REP 1066803	QC			
1066804	Drill Core			
REP 1066804	QC			
1066831	Drill Core			
REP 1066831	QC			
1066843	Drill Core			
REP 1066843	QC			
1066846	Drill Core			
REP 1066846	QC			
REP 1066859	QC			
1066869	Drill Core			
REP 1066869	QC			
1066877	Drill Core			
REP 1066877	QC			
REP 1066894	QC			
1066919	Drill Core			
REP 1066919	QC			
1066935	Drill Core			
REP 1066935	QC			
Core Reject Duplicates				
1066789	Drill Core			
DUP 1066789	QC			
1066824	Drill Core			
DUP 1066824	QC			
1066859	Drill Core			
DUP 1066859	QC			

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QUALITY CONTROL REPORT WHI11001532.1

		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
1066894	Drill Core	3.98	0.075	50.4	48.6	107.1	238	11.4	7.5	7.2	2613	2.68	751.2	77.9	2.6	17	2.6	49.2	0.2	6	1.38
DUP 1066894	QC		0.073	49.9	48.6	92.8	237	11.2	7.1	7.3	2681	2.74	741.2	82.8	2.6	17	2.7	45.0	0.2	7	1.43
1066929	Drill Core	3.29	0.058	9.7	38.8	6.8	52	0.6	5.2	8.5	1943	2.33	145.7	51.6	1.8	31	<0.1	15.9	0.2	10	2.23
DUP 1066929	QC		0.055	10.4	41.8	7.4	54	0.6	4.9	9.3	2090	2.46	152.7	52.9	1.9	34	<0.1	16.6	0.2	11	2.37
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			12.3	102.7	127.2	295	1.7	37.8	6.8	571	2.34	24.8	98.8	7.1	64	2.2	5.4	6.7	39	0.66
STD DS8	Standard			14.3	113.5	133.2	320	1.8	38.7	7.9	612	2.52	26.5	106.3	7.4	68	2.2	5.9	6.4	42	0.72
STD DS8	Standard			12.1	105.8	120.9	298	1.8	37.0	7.0	572	2.34	22.8	109.0	6.5	60	2.2	5.3	5.8	38	0.67
STD DS8	Standard			14.0	115.3	128.1	309	1.9	39.6	7.6	623	2.60	24.8	117.6	7.4	67	2.2	6.1	6.6	41	0.76
STD DS8	Standard			12.8	104.0	126.0	298	1.7	36.7	7.5	601	2.45	23.8	109.2	7.2	68	2.2	5.4	6.4	43	0.73
STD DS8	Standard			12.0	106.1	111.6	282	1.6	35.4	7.3	543	2.28	21.3	104.2	6.4	55	1.9	4.6	5.3	39	0.71
STD OREAS131B	Standard																				
STD OXH82	Standard		1.373																		
STD OXH82	Standard		1.259																		
STD OXH82	Standard		1.261																		
STD OXH82	Standard		1.204																		
STD OXH82	Standard		1.352																		
STD OXH82	Standard		1.277																		
STD OXH82	Standard		1.341																		
STD OXH82	Standard		1.347																		
STD OXK79	Standard		3.772																		
STD OXK79	Standard		3.782																		
STD OXK79	Standard		3.526																		
STD OXK79	Standard		3.345																		
STD OXK79	Standard		3.801																		

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QUALITY CONTROL REPORT WHI11001532.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
1066894	Drill Core	0.047	5	5	0.40	44	<0.001	3	0.34	0.002	0.22	0.2	0.07	2.8	0.7	2.74	<1	0.9	<0.2		
DUP 1066894	QC	0.047	5	5	0.42	47	<0.001	4	0.35	0.002	0.23	0.1	0.05	2.6	0.7	2.72	<1	1.0	<0.2		
1066929	Drill Core	0.040	4	1	0.77	47	<0.001	5	0.44	0.003	0.28	0.4	0.15	3.7	1.3	1.98	<1	<0.5	<0.2		
DUP 1066929	QC	0.044	4	1	0.83	40	<0.001	4	0.48	0.003	0.30	0.4	0.18	3.8	1.4	2.10	1	<0.5	<0.2		
Reference Materials																					
STD AGPROOF	Standard																			89	<0.9
STD CDN-ME-3	Standard																			231	9.4
STD CDN-ME-3	Standard																			245	9.7
STD CDN-ME-3	Standard																			275	9.4
STD DS8	Standard	0.073	14	109	0.57	259	0.108	2	0.88	0.090	0.40	3.1	0.18	1.9	5.2	0.15	4	4.2	4.8		
STD DS8	Standard	0.079	17	119	0.62	281	0.120	3	1.00	0.098	0.44	3.0	0.19	2.3	5.6	0.17	5	5.5	5.0		
STD DS8	Standard	0.077	13	112	0.58	254	0.109	2	0.87	0.083	0.40	2.8	0.20	1.9	5.3	0.16	4	4.8	4.3		
STD DS8	Standard	0.083	17	121	0.65	280	0.132	2	0.97	0.100	0.46	2.9	0.20	2.3	5.3	0.15	5	4.7	5.0		
STD DS8	Standard	0.076	17	118	0.60	271	0.123	2	0.95	0.095	0.42	3.1	0.20	2.2	5.5	0.16	5	4.8	5.1		
STD DS8	Standard	0.068	13	114	0.57	234	0.107	3	0.85	0.080	0.38	2.5	0.17	1.7	4.5	0.16	4	5.0	4.3		
STD OREAS131B	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 OXK79	Standard																				
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QUALITY CONTROL REPORT WHI11001532.1

		7TD Pb % 0.02	7TD Zn % 0.01
1066894	Drill Core		
DUP 1066894	QC		
1066929	Drill Core		
DUP 1066929	QC		
Reference Materials			
STD AGPROOF	Standard		
STD CDN-ME-3	Standard		
STD CDN-ME-3	Standard		
STD CDN-ME-3	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD OREAS131B	Standard	1.81	3.20
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		

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QUALITY CONTROL REPORT WHI11001532.1

		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 OXK79	Standard		3.501																		
STD OXK79	Standard		3.659																		
STD OXK79	Standard		3.303																		
STD OXK79	Standard		3.761																		
STD SU-1B	Standard																				
STD OXH82 Expected			1.278																		
STD AGPROOF Expected																					
STD OXK79 Expected			3.532																		
STD OREAS131B Expected																					
STD SU-1B Expected																					
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 CDN-ME-3 Expected																					
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
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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: Charlotte Project
Report Date: November 10, 2011

QUALITY CONTROL REPORT WHI11001532.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
STD OXK79	Standard																					
STD OXK79	Standard																					
STD OXK79	Standard																					
STD OXK79	Standard																					
STD SU-1B	Standard																					
STD OXH82 Expected																						
STD AGPROOF Expected																					94	0
STD OXK79 Expected																						
STD OREAS131B Expected																						
STD SU-1B 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 CDN-ME-3 Expected																					276	9.77
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
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BLK	Blank																					
BLK	Blank																					
BLK	Blank																				<50	<0.9

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QUALITY CONTROL REPORT WHI11001532.1

		7TD Pb % 0.02	7TD Zn % 0.01
STD OXK79	Standard		
STD OXK79	Standard		
STD OXK79	Standard		
STD OXK79	Standard		
STD SU-1B	Standard	<0.02	0.03
STD OXH82 Expected			
STD AGPROOF Expected			
STD OXK79 Expected			
STD OREAS131B Expected		1.86	3.14
STD SU-1B Expected		0.0058	0.0235
STD DS8 Expected			
STD CDN-ME-3 Expected			
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
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QUALITY CONTROL REPORT WHI11001532.1

		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																				
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																				
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			<0.1	<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	2.7	3.4	47	<0.1	3.8	4.7	577	2.04	0.5	1.8	6.0	62	<0.1	<0.1	0.1	42	0.57
G1	Prep Blank		<0.005	0.1	2.6	3.7	47	<0.1	3.6	4.6	571	2.00	1.1	1.4	6.2	64	<0.1	0.1	0.1	41	0.59

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Project: Charlotte Project
Report Date: November 10, 2011

QUALITY CONTROL REPORT WHI11001532.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
BLK	Blank																			<50	<0.9
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																			<50	<0.9
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	<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																			<50	<0.9
Prep Wash																					
G1	Prep Blank	0.085	14	11	0.60	198	0.138	<1	1.06	0.120	0.57	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.088	13	11	0.59	196	0.143	<1	1.11	0.122	0.57	<0.1	<0.01	2.2	0.4	<0.05	5	<0.5	<0.2		

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: November 10, 2011

QUALITY CONTROL REPORT WHI11001532.1

		7TD Pb % 0.02	7TD Zn % 0.01
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank	<0.02	<0.01
BLK	Blank		
Prep Wash			
G1	Prep Blank		
G1	Prep Blank		

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

Submitted By: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: September 29, 2011
Report Date: November 16, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS WHI11001533.2

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-031
P.O. Number
Number of Samples: 155

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	149	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	155	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	155	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	10	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN
7TD	5	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
RAYMOND CHAN
CHIEF ASSAYER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: November 16, 2011

CERTIFICATE OF ANALYSIS WHI11001533.2

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
1067419	Drill Core	2.85	<0.005	0.9	10.3	2.0	50	<0.1	10.1	12.0	588	2.62	4.9	1.2	4.2	24	<0.1	0.7	0.1	91	1.34
1067420	Drill Core	3.30	<0.005	0.1	6.2	6.1	17	<0.1	1.5	1.6	135	0.70	2.0	1.1	2.1	14	<0.1	0.5	0.1	10	0.60
1067421	Drill Core	3.37	<0.005	0.3	1.5	3.7	22	<0.1	2.5	2.7	159	1.00	2.0	0.5	2.5	13	<0.1	0.5	0.2	19	0.25
1067422	Drill Core	2.65	<0.005	0.9	16.1	2.2	14	<0.1	1.8	0.7	64	0.64	8.2	<0.5	5.7	8	<0.1	1.6	0.1	4	0.06
1067423	Drill Core	4.84	<0.005	5.0	14.7	5.6	29	<0.1	1.1	3.0	146	1.29	9.4	<0.5	5.9	6	<0.1	1.6	0.7	6	0.08
1067424	Drill Core	4.78	<0.005	2.6	13.7	9.3	26	<0.1	8.7	4.5	415	1.93	13.1	<0.5	6.4	30	<0.1	1.6	1.1	12	0.81
1067425	Core Pulp	0.16	0.372	9.9	134.8	7.7	49	0.2	25.9	35.3	503	3.14	1309	327.9	3.0	81	0.3	2.2	4.0	85	1.46
1067426	Drill Core	5.24	<0.005	0.6	12.0	3.6	14	<0.1	0.4	0.8	89	0.86	7.1	<0.5	4.9	5	<0.1	1.5	0.3	2	0.05
1067427	Drill Core	5.56	<0.005	0.7	14.7	3.5	22	<0.1	0.7	1.0	91	0.90	5.5	<0.5	6.2	7	<0.1	1.4	0.2	4	0.07
1067428	Drill Core	4.91	0.026	1.4	31.2	2.2	53	<0.1	7.8	8.7	534	3.37	9.1	28.1	3.3	23	0.1	1.0	0.4	21	0.62
1067429	Drill Core	4.29	0.012	3.3	52.2	4.2	45	<0.1	1.0	9.2	416	3.20	25.7	16.4	3.6	15	0.2	2.8	0.5	13	0.47
1067430	Drill Core	3.44	0.011	1.7	25.7	8.6	137	<0.1	0.9	5.2	637	2.43	34.4	7.6	4.0	19	0.8	5.5	0.6	12	1.11
1067431	Drill Core	3.87	0.024	1.3	55.0	7.0	76	<0.1	9.7	10.7	494	3.21	25.9	3.4	2.7	10	0.2	3.7	0.3	37	0.32
1067432	Drill Core	1.91	<0.005	0.2	8.3	4.6	33	<0.1	3.1	3.1	277	1.43	1.9	1.1	2.2	14	<0.1	0.5	0.3	19	0.24
1067433	Drill Core	5.71	<0.005	0.3	23.4	3.9	86	<0.1	0.7	5.2	506	2.50	7.2	<0.5	2.9	18	0.4	0.9	0.3	28	0.56
1067434	Drill Core	3.69	<0.005	0.6	27.8	3.1	48	<0.1	0.5	4.3	496	2.26	2.2	<0.5	2.4	17	<0.1	1.0	0.2	32	0.44
1067435	Drill Core	1.97	<0.005	1.0	36.8	2.8	47	<0.1	0.6	5.0	501	2.69	4.6	<0.5	2.8	16	<0.1	1.2	0.2	38	0.40
1067436	Drill Core	2.93	0.006	1.2	68.1	4.4	20	<0.1	0.4	6.9	317	2.44	52.5	3.4	2.8	23	<0.1	5.2	0.3	12	0.77
1067437	Drill Core	5.41	0.008	1.5	72.5	44.6	144	<0.1	0.6	8.8	371	2.81	84.7	15.6	3.4	13	0.8	5.4	0.4	13	0.28
1067438	Drill Core	2.83	<0.005	1.3	45.4	104.3	324	0.1	13.6	5.9	814	2.95	228.7	0.8	2.3	21	2.1	12.1	0.2	13	1.50
1067439	Drill Core	6.31	<0.005	1.2	11.0	2.5	39	<0.1	2.0	6.2	636	3.54	7.8	0.6	3.0	11	<0.1	2.0	0.1	16	0.26
1067440	Drill Core	5.75	<0.005	0.4	16.1	11.3	41	<0.1	0.9	1.4	163	0.71	26.4	1.0	0.3	14	<0.1	5.2	0.3	4	0.10
1067441	Drill Core	3.50	<0.005	0.2	8.6	12.2	33	<0.1	0.4	1.1	120	0.53	17.2	<0.5	0.3	21	<0.1	1.5	0.2	4	0.10
1067442	Drill Core	3.93	<0.005	0.2	8.5	7.6	17	<0.1	0.6	1.4	120	0.68	7.1	<0.5	0.5	49	<0.1	1.4	0.2	3	0.42
1067443	Drill Core	4.54	<0.005	0.3	9.1	10.2	22	<0.1	0.7	1.2	146	0.67	8.6	<0.5	0.7	58	<0.1	1.2	0.3	4	0.43
1067444	Drill Core	4.66	<0.005	0.2	7.8	14.1	24	<0.1	0.2	1.1	133	0.51	5.6	<0.5	0.2	48	0.1	1.2	0.2	<2	0.54
1067445	Core Pulp	0.16	0.386	9.8	135.4	7.7	50	0.2	27.6	36.1	486	3.17	1339	344.1	3.2	81	0.3	2.2	4.1	84	1.44
1067446	Drill Core	3.41	<0.005	0.2	4.6	11.5	26	<0.1	0.3	0.6	140	0.53	7.6	<0.5	0.3	31	<0.1	2.5	0.2	<2	0.35
1067447	Drill Core	3.94	<0.005	0.2	5.0	8.9	13	<0.1	0.3	0.4	102	0.47	4.6	6.3	0.9	78	<0.1	1.2	0.2	<2	0.73
1067448	Drill Core	5.45	<0.005	0.2	1.9	4.7	24	<0.1	0.4	0.4	90	0.40	12.7	1.6	1.6	48	<0.1	0.8	0.1	<2	0.40

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Project: Charlotte Project
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CERTIFICATE OF ANALYSIS WHI11001533.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1067419	Drill Core	0.114	13	43	1.38	132	0.172	<1	1.51	0.090	0.59	0.2	0.01	5.4	0.2	<0.05	6	<0.5	<0.2		
1067420	Drill Core	0.015	5	8	0.17	51	0.004	<1	0.36	0.059	0.10	<0.1	<0.01	0.9	<0.1	<0.05	2	<0.5	<0.2		
1067421	Drill Core	0.015	6	8	0.28	51	0.022	<1	0.49	0.080	0.13	<0.1	<0.01	2.2	<0.1	<0.05	3	<0.5	<0.2		
1067422	Drill Core	0.007	19	6	0.03	23	<0.001	<1	0.27	0.057	0.06	0.2	<0.01	2.1	<0.1	<0.05	<1	<0.5	<0.2		
1067423	Drill Core	0.012	37	3	0.03	26	<0.001	<1	0.42	0.033	0.13	0.2	<0.01	1.6	<0.1	<0.05	<1	<0.5	<0.2		
1067424	Drill Core	0.036	25	22	0.13	96	<0.001	<1	0.41	0.043	0.13	<0.1	0.02	3.4	<0.1	0.41	1	0.7	0.6		
1067425	Core Pulp	0.052	7	47	0.76	126	0.141	3	1.78	0.199	0.26	0.4	0.01	2.5	<0.1	0.13	5	1.5	0.5		
1067426	Drill Core	0.002	11	5	0.01	35	<0.001	<1	0.19	0.056	0.06	<0.1	0.01	1.1	<0.1	<0.05	<1	<0.5	<0.2		
1067427	Drill Core	0.008	13	8	0.02	24	<0.001	<1	0.26	0.077	0.06	0.7	<0.01	2.0	<0.1	<0.05	<1	<0.5	<0.2		
1067428	Drill Core	0.044	12	17	0.58	108	0.093	<1	1.09	0.071	0.43	0.4	<0.01	8.9	0.2	0.37	6	<0.5	<0.2		
1067429	Drill Core	0.056	13	4	0.48	76	0.086	<1	1.00	0.077	0.25	0.2	<0.01	7.9	0.2	0.59	6	<0.5	<0.2		
1067430	Drill Core	0.066	16	2	0.11	19	0.004	<1	0.48	0.049	0.08	0.3	0.03	8.0	0.2	0.06	2	<0.5	<0.2		
1067431	Drill Core	0.053	8	41	0.94	99	0.123	<1	1.25	0.079	0.58	0.1	0.01	8.5	0.5	0.63	6	0.6	<0.2		
1067432	Drill Core	0.030	7	14	0.40	41	0.015	<1	0.68	0.069	0.12	<0.1	<0.01	2.6	<0.1	0.11	5	<0.5	<0.2		
1067433	Drill Core	0.050	10	8	0.63	69	0.111	<1	1.02	0.086	0.37	<0.1	<0.01	6.8	0.2	0.30	5	<0.5	<0.2		
1067434	Drill Core	0.044	8	1	0.58	74	0.136	<1	0.93	0.073	0.35	<0.1	<0.01	6.7	0.2	0.20	5	<0.5	<0.2		
1067435	Drill Core	0.056	10	4	0.68	88	0.155	<1	1.07	0.081	0.45	<0.1	<0.01	8.1	0.2	0.25	6	<0.5	<0.2		
1067436	Drill Core	0.036	10	<1	0.36	24	0.027	<1	0.74	0.066	0.08	<0.1	<0.01	4.4	<0.1	0.71	4	<0.5	<0.2		
1067437	Drill Core	0.047	12	<1	0.37	29	0.018	<1	0.78	0.073	0.12	<0.1	<0.01	6.2	0.4	0.45	4	<0.5	<0.2		
1067438	Drill Core	0.035	8	2	0.26	38	<0.001	<1	0.66	0.017	0.11	0.1	0.07	6.3	0.2	0.29	2	<0.5	<0.2		
1067439	Drill Core	0.052	10	<1	0.58	80	0.043	<1	1.15	0.058	0.30	<0.1	0.02	7.9	0.1	0.10	6	<0.5	<0.2		
1067440	Drill Core	0.014	<1	<1	0.05	208	<0.001	<1	0.37	0.043	0.10	<0.1	<0.01	0.4	0.1	<0.05	1	<0.5	<0.2		
1067441	Drill Core	0.012	<1	<1	0.03	78	<0.001	<1	0.29	0.074	0.10	<0.1	<0.01	0.4	<0.1	<0.05	1	<0.5	<0.2		
1067442	Drill Core	0.015	1	1	0.05	75	<0.001	<1	0.24	0.065	0.09	<0.1	<0.01	0.4	<0.1	0.17	<1	<0.5	<0.2		
1067443	Drill Core	0.011	2	2	0.06	77	<0.001	<1	0.26	0.070	0.11	<0.1	<0.01	0.5	<0.1	0.18	<1	<0.5	<0.2		
1067444	Drill Core	0.012	<1	<1	0.03	136	<0.001	1	0.26	0.052	0.13	<0.1	<0.01	0.2	<0.1	0.14	<1	<0.5	<0.2		
1067445	Core Pulp	0.053	7	48	0.75	126	0.141	3	1.77	0.196	0.26	0.4	<0.01	2.5	<0.1	0.12	5	1.9	0.7		
1067446	Drill Core	0.010	<1	<1	0.03	71	<0.001	1	0.31	0.055	0.13	<0.1	<0.01	0.2	<0.1	0.08	<1	<0.5	<0.2		
1067447	Drill Core	0.011	3	<1	0.04	180	<0.001	<1	0.25	0.056	0.13	<0.1	<0.01	0.2	<0.1	0.18	<1	<0.5	<0.2		
1067448	Drill Core	0.011	4	<1	0.02	240	<0.001	<1	0.25	0.062	0.12	<0.1	<0.01	0.3	<0.1	0.07	<1	<0.5	<0.2		

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Project: Charlotte Project
Report Date: November 16, 2011

CERTIFICATE OF ANALYSIS WHI11001533.2

Method		7TD	7TD	7TD
Analyte		Cu	Pb	Zn
Unit		%	%	%
MDL		0.001	0.02	0.01
1067419	Drill Core			
1067420	Drill Core			
1067421	Drill Core			
1067422	Drill Core			
1067423	Drill Core			
1067424	Drill Core			
1067425	Core Pulp			
1067426	Drill Core			
1067427	Drill Core			
1067428	Drill Core			
1067429	Drill Core			
1067430	Drill Core			
1067431	Drill Core			
1067432	Drill Core			
1067433	Drill Core			
1067434	Drill Core			
1067435	Drill Core			
1067436	Drill Core			
1067437	Drill Core			
1067438	Drill Core			
1067439	Drill Core			
1067440	Drill Core			
1067441	Drill Core			
1067442	Drill Core			
1067443	Drill Core			
1067444	Drill Core			
1067445	Core Pulp			
1067446	Drill Core			
1067447	Drill Core			
1067448	Drill Core			

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Project: Charlotte Project
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CERTIFICATE OF ANALYSIS WHI11001533.2

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
1067449	Drill Core	2.64	<0.005	0.4	1.7	5.6	75	<0.1	0.9	1.3	156	0.57	62.6	<0.5	1.7	21	<0.1	1.3	0.1	5	0.12
1067450	Drill Core	3.00	<0.005	0.4	14.2	10.3	100	0.1	1.8	0.9	160	0.67	68.3	1.4	1.8	16	<0.1	2.2	0.3	3	0.10
1067451	Drill Core	3.50	<0.005	0.5	5.3	6.3	99	<0.1	0.8	0.6	118	0.54	16.1	<0.5	1.6	23	0.2	1.5	0.2	4	0.15
1067452	Drill Core	3.85	<0.005	0.6	5.6	6.3	74	<0.1	0.5	0.7	109	0.47	11.5	3.9	1.4	40	0.2	1.0	0.3	<2	0.34
1067453	Drill Core	5.37	<0.005	0.6	55.5	10.5	72	<0.1	0.5	2.1	125	0.50	18.4	1.9	1.7	69	0.2	1.4	0.6	<2	0.53
1067454	Drill Core	5.76	<0.005	0.2	8.7	6.3	58	<0.1	0.2	0.5	114	0.35	10.0	1.8	1.8	74	0.3	0.7	0.2	<2	0.70
1067455	Rock	0.78	<0.005	<0.1	2.1	0.1	11	<0.1	<0.1	0.4	208	0.49	0.6	<0.5	<0.1	32	<0.1	<0.1	<0.1	<2	16.89
1067456	Drill Core	5.00	<0.005	0.5	9.0	11.6	150	<0.1	0.5	0.8	243	0.41	36.4	<0.5	1.7	36	0.5	1.9	0.2	<2	0.35
1067457	Drill Core	5.13	<0.005	0.3	20.0	14.7	104	<0.1	0.4	1.1	186	0.43	30.0	0.8	1.7	108	0.4	2.0	0.2	<2	1.09
1067458	Drill Core	4.58	<0.005	0.7	12.2	9.5	249	<0.1	0.6	1.0	351	0.56	106.7	5.3	1.9	19	0.2	5.9	0.2	<2	0.15
1067459	Drill Core	3.66	<0.005	0.2	9.2	7.2	97	<0.1	0.6	1.2	334	0.76	53.0	<0.5	2.2	100	0.1	2.6	0.1	4	0.99
1067460	Drill Core	3.40	<0.005	0.2	4.7	9.8	129	<0.1	0.6	1.5	274	1.11	33.0	1.9	2.6	59	0.1	1.7	0.1	14	0.64
1067461	Drill Core	4.20	<0.005	0.8	18.3	22.9	333	<0.1	0.8	2.5	756	0.97	195.7	2.4	2.8	25	0.7	7.0	0.2	<2	0.44
1067462	Drill Core	3.42	<0.005	0.3	19.0	12.2	210	<0.1	0.7	1.8	275	0.81	136.5	1.4	3.8	47	0.5	4.6	0.3	3	0.47
1067463	Drill Core	5.40	<0.005	0.3	30.3	18.9	296	0.2	0.5	3.1	492	0.87	208.2	3.7	3.1	16	1.6	8.7	0.6	<2	0.33
1067464	Drill Core	5.54	0.007	0.4	2.8	26.9	191	0.5	0.5	3.4	1385	1.21	172.3	11.4	1.8	69	1.8	4.8	1.3	<2	1.66
1067465	Core Pulp	0.18	>10	8.0	116.2	15.1	56	>100	15.7	10.9	602	3.64	240.6	12556	3.0	82	0.3	8.5	16.7	69	1.68
1067466	Drill Core	2.89	0.044	0.4	5.6	63.2	152	1.9	0.8	6.2	30	1.69	424.2	60.6	2.3	5	0.9	11.4	1.5	<2	0.11
1067467	Drill Core	2.64	0.153	0.3	2.1	138.1	233	7.5	2.8	8.4	47	1.91	1008	172.8	2.0	7	4.0	29.7	6.2	<2	0.15
1067468	Drill Core	4.37	0.369	0.3	8.6	188.2	536	17.3	0.9	3.8	44	1.32	489.6	428.9	3.6	15	9.9	55.0	11.2	<2	0.07
1067469	Drill Core	4.55	0.744	0.7	18.5	1281	4782	11.1	0.6	3.2	70	1.71	1588	783.9	1.6	49	60.8	159.1	1.5	<2	0.06
1067470	Drill Core	3.73	0.138	0.6	119.4	257.1	429	4.6	1.3	15.5	581	3.07	283.2	153.5	2.2	25	8.4	45.0	3.6	<2	0.21
1067471	Drill Core	4.65	0.015	0.7	23.0	107.9	1432	1.7	3.7	7.5	1394	2.16	248.0	26.1	3.3	6	8.9	35.3	3.5	2	0.30
1067472	Drill Core	4.64	0.128	0.5	16.3	271.3	1108	3.6	1.6	7.5	631	2.08	487.2	129.0	3.2	5	8.1	40.5	3.9	<2	0.27
1067473	Drill Core	5.09	1.321	0.3	542.5	1607	7903	>100	2.4	6.5	759	2.95	2228	1367	3.8	12	250.2	480.8	3.4	<2	0.09
1067474	Drill Core	2.46	>10	0.6	677.7	>10000	>10000	>100	1.8	5.4	1838	7.08	>10000	34327	2.2	8	217.4	>2000	0.4	<2	0.06
1067475	Drill Core	1.27	>10	0.8	363.2	6670	>10000	>100	1.8	7.7	2449	9.18	>10000	45425	2.4	7	266.9	>2000	0.4	<2	0.10
1067476	Rock	0.65	0.044	0.1	1.9	14.6	28	0.8	0.9	0.6	193	0.45	32.0	28.7	<0.1	34	0.5	7.5	<0.1	<2	17.11
1067477	Rock	0.67	0.035	0.2	1.7	12.0	35	0.5	1.0	0.5	232	0.50	42.7	35.8	<0.1	34	0.9	5.9	<0.1	<2	18.40
1067478	Drill Core	4.67	0.800	1.2	9.6	844.1	961	6.5	1.9	10.0	296	3.74	1922	836.7	3.4	9	14.7	177.2	2.0	<2	0.15

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Project: Charlotte Project
Report Date: November 16, 2011

CERTIFICATE OF ANALYSIS WHI11001533.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1067449	Drill Core	0.016	5	<1	0.03	250	<0.001	<1	0.33	0.055	0.11	0.1	<0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2		
1067450	Drill Core	0.012	4	<1	0.04	246	<0.001	<1	0.39	0.050	0.13	1.0	<0.01	0.4	<0.1	<0.05	1	<0.5	<0.2		
1067451	Drill Core	0.015	4	<1	0.04	85	<0.001	<1	0.37	0.054	0.12	0.1	<0.01	0.3	<0.1	<0.05	1	<0.5	<0.2		
1067452	Drill Core	0.011	4	4	0.02	70	<0.001	3	0.26	0.040	0.11	<0.1	<0.01	0.2	<0.1	0.09	<1	<0.5	<0.2		
1067453	Drill Core	0.009	4	5	0.02	104	<0.001	2	0.29	0.058	0.14	<0.1	<0.01	0.2	<0.1	0.16	<1	<0.5	<0.2		
1067454	Drill Core	0.008	5	7	0.02	112	<0.001	1	0.26	0.064	0.13	<0.1	<0.01	0.3	<0.1	0.08	<1	<0.5	<0.2		
1067455	Rock	0.011	<1	<1	10.31	11	<0.001	1	0.01	0.002	0.01	<0.1	<0.01	<0.1	<0.1	0.12	<1	<0.5	<0.2		
1067456	Drill Core	0.008	5	4	0.01	172	<0.001	2	0.30	0.041	0.13	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1067457	Drill Core	0.010	5	5	0.04	102	<0.001	2	0.33	0.047	0.16	<0.1	<0.01	0.2	<0.1	0.10	<1	0.8	<0.2		
1067458	Drill Core	0.016	5	3	0.07	76	<0.001	1	0.48	0.040	0.09	<0.1	<0.01	0.3	<0.1	<0.05	1	<0.5	<0.2		
1067459	Drill Core	0.031	7	4	0.11	83	<0.001	1	0.35	0.048	0.13	<0.1	<0.01	0.4	<0.1	0.13	2	<0.5	<0.2		
1067460	Drill Core	0.044	8	5	0.23	101	0.006	1	0.51	0.060	0.14	<0.1	<0.01	0.7	<0.1	0.10	3	<0.5	<0.2		
1067461	Drill Core	0.034	9	3	0.04	259	<0.001	2	0.46	0.025	0.18	<0.1	<0.01	0.3	0.2	0.07	1	<0.5	<0.2		
1067462	Drill Core	0.022	11	3	0.05	80	<0.001	2	0.43	0.045	0.14	<0.1	<0.01	0.5	<0.1	0.16	1	<0.5	<0.2		
1067463	Drill Core	0.017	7	2	0.05	91	<0.001	2	0.46	0.007	0.23	<0.1	<0.01	0.3	0.2	0.20	<1	<0.5	0.3		
1067464	Drill Core	0.020	3	3	0.21	79	<0.001	2	0.36	0.006	0.23	<0.1	<0.01	0.5	0.3	0.75	<1	0.7	0.9		
1067465	Core Pulp	0.050	8	25	0.71	112	0.137	4	1.79	0.198	0.21	4.2	0.45	2.7	<0.1	0.18	5	5.2	2.5	180	12.0
1067466	Drill Core	0.032	4	2	0.02	54	<0.001	2	0.33	0.002	0.22	<0.1	0.01	0.4	0.3	1.64	<1	0.8	1.0		
1067467	Drill Core	0.049	4	2	0.02	48	<0.001	2	0.39	0.002	0.24	<0.1	0.04	0.5	0.5	1.78	<1	1.9	3.1		
1067468	Drill Core	0.015	7	4	0.02	95	<0.001	3	0.34	0.002	0.21	<0.1	0.05	0.4	0.4	0.79	<1	1.1	8.3		
1067469	Drill Core	0.011	5	4	0.01	64	<0.001	4	0.28	0.003	0.21	0.1	0.36	0.5	0.7	1.31	1	0.5	0.9		
1067470	Drill Core	0.017	4	2	0.07	44	<0.001	4	0.39	0.003	0.29	<0.1	0.02	1.1	0.6	2.69	1	1.4	1.7		
1067471	Drill Core	0.028	9	4	0.16	39	<0.001	<1	0.82	0.023	0.18	<0.1	0.01	2.4	0.4	0.84	2	0.7	2.2		
1067472	Drill Core	0.025	7	3	0.08	56	<0.001	3	0.42	0.002	0.22	<0.1	<0.01	1.0	0.4	1.87	<1	1.6	1.9		
1067473	Drill Core	0.033	7	4	0.02	38	<0.001	3	0.51	0.002	0.22	<0.1	0.17	2.1	0.8	2.83	<1	1.1	2.0	212	1.5
1067474	Drill Core	0.024	3	3	0.01	35	<0.001	2	0.59	0.001	0.18	<0.1	0.78	2.6	1.7	4.99	1	<0.5	<0.2	894	29.9
1067475	Drill Core	0.022	3	3	0.02	32	<0.001	3	0.50	0.002	0.20	<0.1	0.87	2.5	1.4	5.89	1	<0.5	<0.2	284	39.4
1067476	Rock	0.011	<1	<1	10.33	14	<0.001	<1	0.02	0.001	0.01	<0.1	<0.01	0.1	<0.1	0.10	<1	<0.5	<0.2		
1067477	Rock	0.017	<1	<1	11.18	9	0.001	<1	0.05	0.002	0.03	<0.1	<0.01	0.1	<0.1	0.10	<1	<0.5	<0.2		
1067478	Drill Core	0.046	6	4	0.02	34	<0.001	3	0.43	0.003	0.23	0.1	0.03	1.3	0.9	3.72	<1	1.4	1.0		

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Project: Charlotte Project
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CERTIFICATE OF ANALYSIS WHI11001533.2

Method		7TD	7TD	7TD
Analyte		Cu	Pb	Zn
Unit		%	%	%
MDL		0.001	0.02	0.01
1067449	Drill Core			
1067450	Drill Core			
1067451	Drill Core			
1067452	Drill Core			
1067453	Drill Core			
1067454	Drill Core			
1067455	Rock			
1067456	Drill Core			
1067457	Drill Core			
1067458	Drill Core			
1067459	Drill Core			
1067460	Drill Core			
1067461	Drill Core			
1067462	Drill Core			
1067463	Drill Core			
1067464	Drill Core			
1067465	Core Pulp			
1067466	Drill Core			
1067467	Drill Core			
1067468	Drill Core			
1067469	Drill Core			
1067470	Drill Core			
1067471	Drill Core			
1067472	Drill Core			
1067473	Drill Core			
1067474	Drill Core	0.067	1.09	1.49
1067475	Drill Core	0.035	0.60	1.82
1067476	Rock			
1067477	Rock			
1067478	Drill Core			

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	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
1067479	Drill Core	4.14	0.352	1.2	36.5	1292	1902	5.3	1.3	6.3	490	3.23	1182	391.6	3.8	13	49.9	200.4	0.8	<2	0.11
1067480	Drill Core	1.05	0.347	3.8	34.7	1890	2128	8.4	2.4	6.1	353	3.29	1350	521.8	17.2	31	153.2	469.2	1.0	<2	0.11
1067481	Drill Core	3.05	0.240	2.5	18.5	421.8	46	6.7	0.6	4.8	50	2.58	549.2	270.8	3.5	8	1.3	82.4	1.0	<2	0.02
1067482	Drill Core	4.45	0.241	2.7	35.3	140.5	209	2.0	1.0	0.8	52	1.80	1031	286.2	3.8	26	16.1	59.3	0.6	3	0.04
1067483	Drill Core	4.88	0.008	1.6	16.4	67.2	462	0.2	3.1	2.7	69	1.76	1351	12.1	3.3	39	3.6	180.8	0.2	8	0.03
1067484	Drill Core	4.82	<0.005	1.6	13.5	55.9	551	<0.1	2.6	3.3	91	1.98	1260	6.3	3.9	7	3.9	136.8	0.3	9	0.04
1067485	Core Pulp	0.17	0.400	9.3	130.4	7.5	50	<0.1	26.3	34.7	507	3.23	1362	393.7	3.1	88	0.2	1.6	4.3	79	1.51
1067486	Drill Core	4.78	0.012	2.1	21.9	39.6	571	0.2	1.3	3.9	183	2.41	1275	11.2	4.1	7	3.1	124.5	0.4	8	0.02
1067487	Drill Core	4.96	<0.005	2.0	16.7	17.5	401	0.2	1.3	3.3	104	2.08	842.9	2.4	3.9	10	5.5	105.0	0.3	9	0.03
1067488	Drill Core	4.72	<0.005	2.8	24.0	16.1	928	0.2	3.2	5.9	171	3.22	1782	7.9	3.9	7	5.8	107.9	0.4	20	0.05
1067489	Drill Core	4.64	<0.005	2.9	14.9	7.9	901	0.1	2.4	5.2	194	3.08	1121	4.5	4.6	3	6.8	72.5	0.5	14	0.05
1067490	Drill Core	4.24	<0.005	2.3	13.6	6.5	575	0.1	1.2	6.1	346	2.17	473.7	5.0	5.5	2	4.4	22.5	0.5	4	0.06
1067491	Drill Core	5.64	<0.005	1.3	29.6	9.5	1240	0.1	2.0	7.0	470	3.51	963.0	2.6	3.4	6	12.1	38.4	0.6	18	0.19
1067492	Drill Core	2.52	<0.005	2.8	31.2	9.7	1173	0.5	2.0	7.4	387	2.98	544.6	3.9	3.8	7	7.1	27.8	0.6	5	0.29
1067493	Drill Core	4.80	<0.005	1.4	26.2	18.7	1044	0.1	1.0	5.7	694	1.96	90.8	1.5	2.4	6	7.6	16.8	0.2	3	0.27
1067494	Drill Core	2.44	<0.005	1.2	44.6	8.0	804	1.8	1.1	6.4	682	2.50	37.1	0.7	3.4	18	4.4	10.9	0.4	4	0.36
1067495	Rock	0.83	<0.005	<0.1	1.4	0.9	22	<0.1	0.2	0.5	198	0.41	1.8	0.9	<0.1	32	<0.1	0.3	<0.1	<2	17.05
1067496	Drill Core	1.52	<0.005	0.2	39.8	45.1	960	0.1	1.1	6.7	1032	2.76	59.0	2.3	2.7	18	1.3	11.6	0.2	5	0.42
1067497	Drill Core	4.06	0.005	1.1	69.0	94.3	1640	0.3	0.8	6.8	1757	2.69	241.5	2.8	3.8	4	4.1	22.5	0.3	2	0.30
1067498	Drill Core	3.24	0.027	3.7	59.8	212.0	1033	0.9	0.7	4.5	731	1.62	611.1	24.1	3.1	2	17.6	29.7	0.4	<2	0.09
1067499	Drill Core	2.10	<0.005	0.5	94.4	28.2	910	0.2	0.9	10.0	854	2.42	64.1	0.9	3.7	5	3.9	13.6	0.5	2	0.34
1067500	Drill Core	3.96	<0.005	2.6	53.9	10.6	469	0.1	0.7	6.2	694	2.28	44.5	2.7	3.3	8	3.4	9.8	0.2	4	0.21
1067501	Drill Core	2.45	<0.005	1.7	10.6	45.8	541	0.4	0.7	5.0	1618	2.77	70.4	<0.5	3.5	11	2.0	6.8	0.2	3	0.21
1067502	Drill Core	5.17	<0.005	0.4	29.7	4.7	472	0.1	0.7	6.0	902	3.05	14.5	1.4	3.0	18	<0.1	8.8	0.2	4	0.31
1067503	Drill Core	1.51	<0.005	2.5	83.5	4.9	847	0.2	0.7	10.7	1935	4.02	14.8	1.6	2.6	18	0.7	15.5	0.3	4	0.35
1067504	Drill Core	3.00	<0.005	1.9	64.9	10.6	715	0.2	1.3	14.2	1189	3.12	22.4	0.9	3.5	8	5.6	7.8	3.5	4	0.28
1067505	Rock	0.17	0.400	9.0	124.5	7.2	48	0.2	25.9	33.4	482	3.09	1279	360.7	2.8	84	0.2	2.0	3.9	75	1.45
1067506	Drill Core	3.28	<0.005	0.7	51.4	9.0	1408	0.2	1.3	9.5	2014	3.26	74.3	2.2	3.6	4	8.4	17.6	0.6	3	0.25
1067507	Drill Core	5.02	0.061	0.4	19.8	41.3	1192	1.5	1.0	10.2	1546	2.55	158.5	41.6	3.1	4	8.9	13.5	1.6	<2	0.19
1067508	Drill Core	1.75	0.079	0.6	22.5	95.9	797	0.9	1.3	3.9	269	1.58	670.6	75.1	3.7	4	12.6	21.5	0.2	<2	0.11

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Project: Charlotte Project
Report Date: November 16, 2011

CERTIFICATE OF ANALYSIS WHI11001533.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
1067479	Drill Core	0.046	6	4	0.04	48	<0.001	4	0.56	0.003	0.28	<0.1	0.05	1.9	0.9	3.18	<1	<0.5	<0.2		
1067480	Drill Core	0.042	12	3	0.03	43	<0.001	3	0.50	0.002	0.24	<0.1	0.05	1.1	1.3	3.49	<1	0.9	0.7		
1067481	Drill Core	0.018	6	2	0.02	41	<0.001	3	0.34	0.002	0.25	<0.1	0.04	2.0	0.9	2.54	<1	0.8	0.2		
1067482	Drill Core	0.017	13	2	0.02	131	<0.001	2	0.52	0.005	0.28	<0.1	0.12	2.2	1.8	0.36	1	<0.5	0.3		
1067483	Drill Core	0.040	12	2	0.02	46	<0.001	<1	1.33	<0.001	0.11	<0.1	0.03	5.3	0.3	0.17	1	<0.5	<0.2		
1067484	Drill Core	0.044	11	2	0.01	16	<0.001	<1	1.20	<0.001	0.04	<0.1	0.04	4.9	<0.1	0.18	2	0.8	<0.2		
1067485	Core Pulp	0.055	7	48	0.77	126	0.139	4	1.89	0.220	0.26	0.4	<0.01	2.6	<0.1	0.14	5	1.7	0.8		
1067486	Drill Core	0.032	12	2	0.01	13	<0.001	<1	0.92	<0.001	0.04	<0.1	0.07	5.0	<0.1	0.17	2	<0.5	<0.2		
1067487	Drill Core	0.028	11	2	0.02	71	<0.001	<1	0.64	0.002	0.05	<0.1	0.01	4.4	0.1	0.09	1	<0.5	<0.2		
1067488	Drill Core	0.051	12	5	0.02	12	<0.001	2	0.95	<0.001	0.04	<0.1	0.03	6.7	0.1	0.12	1	<0.5	<0.2		
1067489	Drill Core	0.027	13	3	0.02	8	<0.001	2	0.73	0.001	0.04	<0.1	0.03	4.9	<0.1	0.09	1	<0.5	<0.2		
1067490	Drill Core	0.023	14	3	0.04	4	<0.001	1	0.58	<0.001	0.02	<0.1	0.07	4.1	<0.1	0.44	1	<0.5	<0.2		
1067491	Drill Core	0.033	10	3	0.19	23	<0.001	<1	1.43	0.002	0.03	0.2	0.10	6.4	0.1	0.38	3	<0.5	<0.2		
1067492	Drill Core	0.021	7	2	0.37	29	<0.001	<1	1.85	0.002	0.06	0.2	0.02	3.2	0.2	0.58	4	<0.5	<0.2		
1067493	Drill Core	0.023	6	2	0.40	56	<0.001	<1	1.53	0.005	0.08	<0.1	0.01	2.4	0.3	0.54	3	<0.5	<0.2		
1067494	Drill Core	0.025	9	2	0.61	94	<0.001	<1	2.14	<0.001	0.06	2.4	0.03	3.2	0.4	0.84	4	<0.5	<0.2		
1067495	Rock	0.013	<1	<1	10.31	10	<0.001	<1	0.05	0.002	0.02	<0.1	<0.01	0.1	<0.1	0.08	<1	<0.5	<0.2		
1067496	Drill Core	0.028	5	2	0.77	89	0.001	<1	2.56	<0.001	0.09	<0.1	0.03	3.3	0.3	0.74	5	0.5	<0.2		
1067497	Drill Core	0.028	7	1	0.38	20	<0.001	<1	1.37	0.005	0.11	<0.1	0.03	2.3	0.2	0.85	2	<0.5	<0.2		
1067498	Drill Core	0.025	7	2	0.06	23	<0.001	2	0.41	0.002	0.17	<0.1	0.05	1.0	0.3	0.77	<1	<0.5	<0.2		
1067499	Drill Core	0.032	7	<1	0.43	12	<0.001	<1	1.68	0.001	0.07	<0.1	0.04	2.2	0.4	0.89	2	<0.5	<0.2		
1067500	Drill Core	0.030	10	2	0.34	39	0.002	1	1.24	0.019	0.08	<0.1	0.02	3.9	0.5	0.63	3	<0.5	<0.2		
1067501	Drill Core	0.024	6	2	0.33	46	<0.001	2	0.86	0.016	0.14	<0.1	<0.01	3.2	0.5	0.44	2	<0.5	<0.2		
1067502	Drill Core	0.024	8	1	0.50	199	0.003	<1	1.79	0.007	0.11	<0.1	0.02	4.0	0.3	0.48	4	<0.5	<0.2		
1067503	Drill Core	0.026	7	<1	0.48	86	<0.001	1	1.64	0.002	0.08	0.1	0.02	4.3	0.2	0.94	3	<0.5	<0.2		
1067504	Drill Core	0.027	8	1	0.39	44	0.002	<1	1.54	0.015	0.11	<0.1	0.05	3.8	0.8	0.95	3	0.7	1.8		
1067505	Rock	0.051	7	45	0.73	123	0.128	3	1.83	0.212	0.26	0.4	<0.01	2.5	<0.1	0.12	5	2.5	0.6		
1067506	Drill Core	0.029	7	1	0.29	19	0.004	<1	1.25	0.002	0.11	0.1	0.04	3.8	0.2	0.94	3	0.5	<0.2		
1067507	Drill Core	0.029	5	3	0.08	28	<0.001	3	0.44	0.003	0.21	<0.1	0.03	1.2	0.4	1.94	<1	0.8	0.9		
1067508	Drill Core	0.032	11	1	0.04	29	<0.001	1	0.61	0.003	0.15	0.1	0.05	1.7	0.4	1.03	1	<0.5	<0.2		

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Method		7TD	7TD	7TD
Analyte		Cu	Pb	Zn
Unit		%	%	%
MDL		0.001	0.02	0.01
1067479	Drill Core			
1067480	Drill Core			
1067481	Drill Core			
1067482	Drill Core			
1067483	Drill Core			
1067484	Drill Core			
1067485	Core Pulp			
1067486	Drill Core			
1067487	Drill Core			
1067488	Drill Core			
1067489	Drill Core			
1067490	Drill Core			
1067491	Drill Core			
1067492	Drill Core			
1067493	Drill Core			
1067494	Drill Core			
1067495	Rock			
1067496	Drill Core			
1067497	Drill Core			
1067498	Drill Core			
1067499	Drill Core			
1067500	Drill Core			
1067501	Drill Core			
1067502	Drill Core			
1067503	Drill Core			
1067504	Drill Core			
1067505	Rock			
1067506	Drill Core			
1067507	Drill Core			
1067508	Drill Core			

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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
1067509	Drill Core	6.59	0.102	0.9	22.7	159.5	5108	1.6	2.0	9.9	4710	2.99	406.0	96.7	3.5	4	35.7	15.3	0.3	<2	0.27
1067510	Drill Core	4.14	0.436	0.6	7.0	144.0	595	2.4	1.2	3.9	88	2.40	2082	430.5	3.4	5	11.3	18.3	<0.1	<2	0.07
1067511	Drill Core	2.67	>10	0.9	499.9	7140	7939	>100	2.0	4.8	124	9.93	>10000	18765	0.9	11	128.9	735.0	0.2	<2	0.04
1067512	Drill Core	2.94	3.117	0.8	149.6	2551	3434	70.5	1.2	7.0	71	2.87	7776	3505	0.7	14	66.3	285.4	3.5	<2	0.03
1067513	Drill Core	3.13	5.312	1.0	318.9	4163	8410	86.6	2.1	14.8	2213	3.87	>10000	5538	1.5	4	79.1	613.1	3.5	<2	0.20
1067514	Drill Core	2.16	0.196	0.4	151.1	197.0	2987	6.7	2.2	13.9	2251	2.60	727.8	153.1	2.6	2	29.2	100.5	2.8	<2	0.15
1067515	Drill Core	1.12	0.440	0.4	134.5	325.4	5053	15.2	2.6	14.9	3703	3.08	597.3	415.5	2.9	3	32.4	111.4	9.1	<2	0.19
1067516	Drill Core	4.14	0.182	0.6	28.9	156.7	5170	7.3	4.9	12.8	3681	3.51	533.4	194.2	3.0	5	8.8	44.4	6.3	<2	0.29
1067517	Drill Core	2.00	1.856	1.5	136.5	4208	6037	41.9	4.9	8.5	975	3.12	5986	2683	2.2	6	60.6	142.8	7.6	3	0.31
1067518	Drill Core	1.53	0.162	1.7	14.3	1134	769	7.0	1.3	4.3	160	2.48	505.3	145.0	1.9	4	8.7	79.6	0.9	<2	0.09
1067519	Drill Core	5.88	3.742	1.0	110.4	5235	>10000	40.2	0.7	5.2	198	3.26	5084	3969	1.8	3	142.1	213.8	2.7	<2	0.05
1067520	Drill Core	4.44	>10	0.8	6558	>10000	>10000	>100	1.0	5.6	518	21.42	>10000	21260	0.2	4	917.6	>2000	8.4	<2	0.01
1067521	Drill Core	3.53	0.780	1.6	461.3	2243	3253	>100	0.5	3.9	62	2.77	3906	760.0	1.8	2	47.2	342.2	2.6	<2	0.03
1067522	Drill Core	3.64	0.144	11.9	18.0	248.2	692	6.3	0.4	6.0	127	2.92	628.4	139.6	2.2	2	5.6	30.3	1.6	<2	0.06
1067523	Drill Core	4.44	0.341	2.1	20.8	815.8	1931	7.1	1.1	6.1	252	2.44	3060	409.3	3.1	4	21.9	42.8	1.5	<2	0.12
1067524	Rock	1.10	<0.005	0.1	1.7	3.8	18	<0.1	1.4	0.9	241	0.43	4.3	6.6	<0.1	43	0.1	0.5	<0.1	<2	17.56
1067525	Core Pulp	0.15	>10	8.2	118.2	17.4	58	>100	16.1	10.6	612	3.57	239.8	14335	3.6	99	0.3	10.9	22.2	75	1.70
1067526	Drill Core	5.16	0.015	1.0	7.4	18.3	265	0.3	0.3	1.7	580	0.61	48.7	20.2	1.6	11	0.5	8.2	0.6	<2	0.44
1067527	Drill Core	2.70	0.030	0.1	3.5	8.3	74	0.1	0.3	1.3	272	0.62	16.6	26.5	3.2	11	0.2	4.1	0.4	<2	0.39
1067528	Drill Core	6.07	0.018	<0.1	5.1	6.5	71	<0.1	<0.1	0.8	517	0.61	31.5	16.2	2.2	16	0.2	4.3	0.2	<2	0.80
1067529	Drill Core	6.24	0.214	<0.1	3.6	5.6	218	0.2	0.3	1.0	583	0.71	61.3	203.2	2.0	15	0.7	5.2	0.7	<2	0.72
1067530	Drill Core	3.11	0.071	<0.1	4.7	7.0	277	0.1	0.2	0.9	885	0.88	40.9	68.0	1.4	17	1.9	5.9	0.4	<2	0.85
1067531	Drill Core	2.79	0.276	<0.1	0.8	5.5	424	<0.1	0.4	2.7	546	0.86	12.4	241.5	1.9	13	2.2	2.4	0.9	<2	0.63
1067532	Drill Core	2.87	0.057	0.5	2.5	7.0	571	0.1	0.4	3.3	562	1.38	19.8	60.2	2.2	15	7.0	2.9	1.0	2	0.57
1067533	Drill Core	4.03	0.011	0.4	11.2	14.7	618	0.2	1.1	10.9	822	2.05	16.1	18.2	2.4	14	6.1	6.6	1.9	5	0.82
1067534	Drill Core	2.99	0.010	0.1	6.0	10.3	670	0.2	0.8	12.8	584	2.51	11.5	12.5	2.2	7	3.7	3.7	3.2	4	0.40
1067535	Rock	0.51	<0.005	<0.1	0.5	0.9	16	<0.1	1.2	0.6	216	0.38	<0.5	3.8	<0.1	37	0.1	<0.1	<0.1	<2	17.83
1067536	Drill Core	5.51	0.014	0.4	9.4	9.1	994	0.2	1.0	4.6	796	1.66	11.0	18.2	4.6	5	6.9	4.9	0.8	5	0.25
1067537	Drill Core	4.98	<0.005	1.0	42.7	7.2	399	0.2	1.0	7.3	278	1.23	21.2	10.3	4.5	5	3.4	22.1	0.5	9	0.13
1067538	Drill Core	4.49	0.014	0.5	29.4	11.4	713	0.2	1.1	3.9	486	1.38	59.2	7.1	4.3	4	2.5	33.9	0.5	6	0.09

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Project: Charlotte Project
Report Date: November 16, 2011

CERTIFICATE OF ANALYSIS WHI11001533.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1067509	Drill Core	0.029	5	3	0.09	36	<0.001	4	0.36	0.003	0.22	0.2	0.04	1.7	0.6	2.32	<1	<0.5	<0.2		
1067510	Drill Core	0.021	5	2	0.02	51	<0.001	3	0.38	0.003	0.20	0.1	0.05	1.1	0.6	2.49	<1	<0.5	<0.2		
1067511	Drill Core	0.007	2	2	0.02	19	<0.001	3	0.28	0.003	0.14	<0.1	1.00	0.4	1.0	7.60	1	0.8	0.2	212	16.2
1067512	Drill Core	0.011	2	6	0.01	14	<0.001	<1	0.21	0.002	0.12	<0.1	0.45	0.4	0.6	2.87	<1	0.9	1.5		
1067513	Drill Core	0.015	2	5	0.07	31	<0.001	2	0.24	0.002	0.15	0.1	0.53	0.8	1.0	3.13	<1	1.9	2.0		
1067514	Drill Core	0.026	5	2	0.04	43	<0.001	2	0.37	0.002	0.17	<0.1	0.08	1.3	0.5	2.19	<1	1.2	2.2		
1067515	Drill Core	0.027	5	2	0.06	35	<0.001	3	0.43	0.004	0.19	0.1	0.11	1.8	0.6	2.32	<1	0.8	7.1		
1067516	Drill Core	0.036	4	4	0.09	40	<0.001	2	0.34	0.003	0.19	0.1	0.06	1.8	1.0	2.94	<1	0.7	2.1		
1067517	Drill Core	0.046	3	5	0.11	44	<0.001	2	0.37	0.002	0.16	<0.1	0.39	1.4	0.9	3.11	1	<0.5	6.2		
1067518	Drill Core	0.026	3	2	0.03	41	<0.001	3	0.24	0.002	0.16	<0.1	0.05	1.2	0.8	2.62	<1	<0.5	<0.2		
1067519	Drill Core	0.024	2	5	0.02	38	<0.001	3	0.29	0.002	0.17	0.1	0.32	0.5	0.9	3.57	<1	1.0	1.2		
1067520	Drill Core	0.029	<1	4	<0.01	5	<0.001	<1	0.10	<0.001	0.04	<0.1	2.98	<0.1	3.7	>10	2	2.4	0.3	1665	19.6
1067521	Drill Core	0.015	3	4	0.02	37	<0.001	3	0.23	0.002	0.14	0.1	0.31	0.4	0.8	2.87	<1	1.0	0.6	188	<0.9
1067522	Drill Core	0.016	4	3	0.03	31	<0.001	4	0.27	0.002	0.14	<0.1	0.08	0.5	1.0	3.19	<1	1.0	0.5		
1067523	Drill Core	0.039	5	4	0.05	42	<0.001	5	0.37	0.002	0.16	0.1	0.13	0.6	0.9	2.43	<1	0.7	0.5		
1067524	Rock	0.013	<1	<1	10.95	22	<0.001	2	0.03	0.001	0.02	<0.1	<0.01	<0.1	<0.1	0.08	<1	<0.5	<0.2		
1067525	Core Pulp	0.051	9	24	0.72	115	0.161	5	1.82	0.198	0.22	4.6	0.52	2.8	<0.1	0.19	5	5.5	2.6	171	11.8
1067526	Drill Core	0.014	4	2	0.19	264	<0.001	2	0.39	0.002	0.19	<0.1	0.02	0.2	0.2	0.30	<1	<0.5	<0.2		
1067527	Drill Core	0.013	8	1	0.18	267	<0.001	2	0.44	0.002	0.14	<0.1	0.02	0.3	0.1	0.41	<1	<0.5	<0.2		
1067528	Drill Core	0.009	5	1	0.27	220	<0.001	2	0.35	0.002	0.14	<0.1	0.04	0.2	0.1	0.27	<1	<0.5	<0.2		
1067529	Drill Core	0.010	4	1	0.25	250	<0.001	2	0.37	0.002	0.18	<0.1	0.02	0.3	0.2	0.35	<1	<0.5	0.3		
1067530	Drill Core	0.010	2	2	0.29	289	<0.001	3	0.31	0.002	0.20	<0.1	0.04	0.3	0.2	0.41	<1	<0.5	<0.2		
1067531	Drill Core	0.017	4	1	0.21	64	<0.001	1	0.48	0.002	0.12	<0.1	0.01	0.4	0.1	0.36	1	<0.5	0.2		
1067532	Drill Core	0.019	4	<1	0.20	114	<0.001	<1	0.47	0.002	0.10	0.1	0.04	1.3	0.3	0.98	1	0.9	0.6		
1067533	Drill Core	0.019	4	1	0.34	78	<0.001	2	0.71	0.002	0.08	0.1	0.07	2.2	0.1	1.13	2	<0.5	0.8		
1067534	Drill Core	0.020	3	<1	0.22	13	<0.001	<1	0.64	0.001	0.06	0.1	0.07	1.7	0.2	1.79	2	1.3	1.2		
1067535	Rock	0.013	<1	<1	11.02	13	<0.001	<1	0.03	0.001	<0.01	<0.1	<0.01	<0.1	<0.1	0.07	<1	<0.5	<0.2		
1067536	Drill Core	0.026	10	2	0.15	10	<0.001	<1	0.57	0.002	0.06	0.2	0.11	2.6	<0.1	0.78	2	<0.5	<0.2		
1067537	Drill Core	0.049	14	1	0.12	5	0.001	<1	0.73	0.001	0.03	0.3	0.28	2.8	<0.1	0.67	2	<0.5	<0.2		
1067538	Drill Core	0.026	9	1	0.05	16	<0.001	<1	0.68	0.003	0.05	0.5	0.24	2.6	<0.1	0.80	2	<0.5	<0.2		

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		Method	7TD	7TD	7TD
		Analyte	Cu	Pb	Zn
		Unit	%	%	%
		MDL	0.001	0.02	0.01
1067509	Drill Core				
1067510	Drill Core				
1067511	Drill Core				
1067512	Drill Core				
1067513	Drill Core				
1067514	Drill Core				
1067515	Drill Core				
1067516	Drill Core				
1067517	Drill Core				
1067518	Drill Core				
1067519	Drill Core		0.012	0.51	1.37
1067520	Drill Core		0.716	8.58	6.37
1067521	Drill Core				
1067522	Drill Core				
1067523	Drill Core				
1067524	Rock				
1067525	Core Pulp				
1067526	Drill Core				
1067527	Drill Core				
1067528	Drill Core				
1067529	Drill Core				
1067530	Drill Core				
1067531	Drill Core				
1067532	Drill Core				
1067533	Drill Core				
1067534	Drill Core				
1067535	Rock				
1067536	Drill Core				
1067537	Drill Core				
1067538	Drill Core				

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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
1067539	Drill Core	3.55	0.008	1.4	10.5	10.3	1383	0.4	1.1	6.5	846	1.37	16.7	11.6	5.1	5	5.6	6.8	1.5	3	0.15
1067540	Drill Core	3.87	0.228	2.0	27.8	679.5	1957	6.6	1.5	4.0	72	1.64	493.0	232.3	10.4	5	33.2	43.0	1.1	3	0.05
1067541	Drill Core	4.71	0.199	1.0	10.8	399.2	1076	3.9	1.9	5.3	458	2.15	2196	202.9	38.4	17	58.5	21.1	1.2	2	0.12
1067542	Drill Core	2.02	0.016	0.8	4.1	91.1	587	0.6	3.2	5.1	273	1.93	61.7	23.2	42.0	34	46.8	8.9	1.1	2	0.12
1067543	Drill Core	4.31	0.042	1.1	18.4	101.7	348	0.9	1.7	4.3	96	2.19	243.1	45.0	45.8	28	16.8	18.7	0.5	3	0.08
1067544	Drill Core	1.48	0.239	1.3	23.6	453.6	476	3.3	1.0	3.1	106	2.32	375.8	244.8	48.3	79	4.5	21.2	0.9	2	0.05
1067545	Drill Core	0.17	0.388	9.5	127.3	6.6	48	0.2	25.0	33.7	488	3.05	1309	354.9	3.4	95	0.2	2.4	4.7	78	1.43
1067546	Drill Core	5.00	0.064	0.9	15.2	236.5	158	1.5	1.1	2.6	78	1.85	173.2	72.9	46.7	11	1.7	11.6	0.5	<2	0.05
1067547	Drill Core	3.35	0.042	1.0	53.3	602.9	1732	4.1	2.3	6.7	2103	2.70	184.7	57.2	46.1	13	81.9	47.3	1.0	2	0.13
1067548	Drill Core	4.50	0.164	1.3	12.3	320.6	1575	3.2	1.7	3.6	119	2.54	248.0	152.5	43.5	6	50.4	13.9	0.7	<2	0.07
1067549	Drill Core	6.02	<0.005	1.4	12.9	44.9	329	0.4	1.5	5.0	304	1.78	21.8	10.5	45.8	24	3.7	8.8	0.9	2	0.10
1067550	Drill Core	4.30	<0.005	1.1	22.6	92.7	283	1.0	1.5	6.1	129	1.59	43.1	5.5	45.5	19	1.3	16.3	2.5	3	0.13
1067551	Drill Core	4.47	0.008	1.5	287.5	565.9	4384	3.5	17.1	36.2	3195	3.80	63.5	11.2	8.0	17	7.8	15.8	5.2	34	0.44
1067552	Drill Core	3.20	0.013	2.0	126.9	277.4	3412	2.0	8.2	26.7	7415	3.56	143.5	14.3	9.4	16	13.4	28.9	1.0	16	0.22
1067553	Drill Core	3.04	0.056	2.5	36.7	186.8	353	2.0	0.5	7.4	20	1.02	92.7	46.1	19.9	7	6.7	11.7	0.6	<2	0.03
1067554	Drill Core	2.64	0.051	2.9	22.7	604.5	34	9.5	0.6	4.6	28	1.48	26.1	52.1	17.7	4	1.8	6.1	17.9	<2	0.02
1067555	Drill Core	1.88	0.182	3.0	21.4	876.1	50	16.4	0.7	7.4	35	1.83	31.4	186.3	18.2	4	2.5	6.5	37.8	<2	0.02
1067556	Drill Core	3.60	<0.005	2.0	1.5	21.9	40	0.3	0.2	0.6	18	0.62	12.7	8.7	13.7	8	1.1	5.4	0.4	<2	0.03
1067557	Drill Core	3.95	<0.005	1.9	2.6	29.8	59	0.4	0.3	1.0	24	0.58	19.9	3.8	14.8	12	2.1	6.4	0.2	<2	0.04
1067558	Drill Core	6.13	<0.005	2.2	1.3	20.9	285	0.2	0.3	0.6	280	0.51	27.6	3.7	14.5	10	1.3	7.2	0.1	<2	0.05
1067559	Drill Core	4.13	0.008	3.2	2.8	48.9	149	0.4	0.2	1.0	140	0.67	39.3	9.8	13.8	9	3.4	7.6	0.2	<2	0.06
1067560	Drill Core	4.45	0.015	2.4	4.8	90.5	352	0.5	0.3	0.8	628	0.58	67.5	17.0	13.3	7	8.0	7.1	0.2	<2	0.05
1067561	Drill Core	3.29	0.006	2.2	6.3	78.8	406	0.6	0.4	0.6	753	0.59	31.0	4.7	14.6	5	9.7	7.7	0.3	<2	0.06
1067562	Drill Core	2.76	0.151	2.2	53.7	820.9	1274	3.9	0.3	0.8	42	0.88	198.3	103.7	14.0	13	87.2	15.3	0.7	<2	0.04
1067563	Drill Core	3.74	0.314	2.3	106.4	1103	1893	13.9	0.5	1.1	165	1.31	860.3	414.2	11.9	6	48.5	50.8	5.7	<2	0.03
1067564	Drill Core	2.36	>10	0.3	2612	>10000	>10000	>100	0.9	3.1	443	18.11	>10000	9337	0.6	6	1296	>2000	2.7	<2	<0.01
1067565	Rock	0.64	0.006	0.2	5.9	12.4	46	3.0	1.7	0.8	196	0.35	15.0	369.3	0.2	42	0.9	1.6	0.6	<2	21.59
1067566	Core Pulp	0.17	>10	8.3	124.2	16.4	62	>100	15.8	11.2	598	3.76	237.0	12882	3.1	76	0.4	8.8	17.0	73	1.60
1067567	Drill Core	4.11	0.109	2.3	10.7	123.2	794	1.9	0.9	1.7	1450	0.96	360.5	131.6	13.1	7	10.9	10.5	0.1	<2	0.08
1067568	Drill Core	6.60	0.005	1.9	1.0	18.0	524	0.1	0.6	1.1	1644	0.79	17.3	3.7	13.1	8	1.9	4.3	<0.1	<2	0.15

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Project: Charlotte Project
Report Date: November 16, 2011

CERTIFICATE OF ANALYSIS WHI11001533.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1067539	Drill Core	0.012	9	1	0.08	23	<0.001	<1	0.44	0.003	0.13	0.7	0.05	1.4	0.1	1.05	1	0.7	0.3		
1067540	Drill Core	0.020	10	4	0.02	73	<0.001	4	0.41	0.003	0.16	0.5	0.72	0.7	4.6	1.79	<1	0.8	<0.2		
1067541	Drill Core	0.049	30	1	0.05	58	<0.001	1	0.48	0.003	0.18	0.2	0.08	0.6	0.9	2.08	<1	<0.5	0.4		
1067542	Drill Core	0.045	52	2	0.05	61	<0.001	3	0.58	0.003	0.24	0.1	0.05	0.9	0.5	1.96	<1	0.7	<0.2		
1067543	Drill Core	0.051	42	1	0.04	65	<0.001	1	0.46	0.004	0.24	0.1	0.05	1.2	0.6	1.66	<1	0.7	<0.2		
1067544	Drill Core	0.050	36	2	0.03	70	<0.001	3	0.42	0.005	0.21	0.1	0.10	1.1	0.5	1.84	<1	<0.5	<0.2		
1067545	Drill Core	0.051	8	45	0.74	117	0.149	3	1.73	0.193	0.25	0.4	<0.01	2.6	<0.1	0.13	5	2.6	0.5		
1067546	Drill Core	0.019	33	2	0.02	65	<0.001	3	0.34	0.003	0.21	<0.1	0.08	0.8	0.5	1.85	<1	0.7	<0.2		
1067547	Drill Core	0.040	42	2	0.06	73	<0.001	2	0.48	0.004	0.22	0.1	0.13	0.9	0.6	2.03	<1	0.7	0.8		
1067548	Drill Core	0.024	31	3	0.04	53	<0.001	3	0.37	0.004	0.22	<0.1	0.20	0.8	2.9	2.85	<1	1.2	<0.2		
1067549	Drill Core	0.024	56	2	0.05	37	<0.001	4	0.47	0.004	0.23	0.1	0.02	0.7	0.3	1.79	<1	<0.5	0.2		
1067550	Drill Core	0.027	47	2	0.08	80	<0.001	2	0.54	0.005	0.22	0.1	0.03	1.0	0.3	1.43	<1	0.7	0.8		
1067551	Drill Core	0.057	10	14	0.95	60	<0.001	<1	2.48	0.004	0.12	<0.1	0.03	4.4	0.3	1.10	6	0.9	2.6		
1067552	Drill Core	0.048	14	4	0.09	102	<0.001	1	0.70	0.004	0.20	<0.1	0.03	3.5	0.3	0.95	2	1.3	0.5		
1067553	Drill Core	0.010	14	1	0.02	70	<0.001	5	0.29	0.004	0.24	<0.1	0.03	0.3	0.2	0.96	<1	<0.5	0.4		
1067554	Drill Core	0.004	10	2	0.02	89	<0.001	<1	0.36	0.006	0.22	<0.1	0.03	0.3	0.2	1.57	<1	0.9	4.9		
1067555	Drill Core	0.005	11	2	0.02	72	<0.001	2	0.37	0.006	0.23	<0.1	0.02	0.2	0.2	2.02	<1	1.5	19.4		
1067556	Drill Core	0.003	11	1	0.02	84	<0.001	2	0.31	0.004	0.19	<0.1	0.02	0.2	0.1	0.58	<1	0.8	<0.2		
1067557	Drill Core	0.005	11	2	0.02	277	<0.001	4	0.39	0.004	0.18	<0.1	0.01	0.8	0.1	0.51	<1	<0.5	<0.2		
1067558	Drill Core	0.007	11	3	0.02	207	<0.001	4	0.39	0.003	0.19	<0.1	0.02	0.9	0.1	0.29	<1	<0.5	<0.2		
1067559	Drill Core	0.007	10	2	0.03	178	<0.001	3	0.35	0.004	0.16	<0.1	0.02	0.8	0.1	0.60	<1	<0.5	<0.2		
1067560	Drill Core	0.007	12	2	0.02	67	<0.001	3	0.37	0.003	0.21	<0.1	0.01	0.9	0.2	0.32	<1	<0.5	<0.2		
1067561	Drill Core	0.009	15	2	0.04	104	<0.001	3	0.40	0.006	0.17	<0.1	0.01	1.0	0.2	0.28	<1	<0.5	<0.2		
1067562	Drill Core	0.010	9	2	0.02	128	<0.001	4	0.33	0.003	0.22	<0.1	0.04	0.8	0.5	0.90	<1	<0.5	<0.2		
1067563	Drill Core	0.006	6	3	0.02	52	<0.001	3	0.30	0.003	0.22	<0.1	0.08	0.7	0.4	1.33	<1	0.6	<0.2		
1067564	Drill Core	0.002	<1	5	<0.01	10	<0.001	1	0.05	<0.001	0.03	0.2	2.45	0.4	1.8	>10	4	5.8	0.3	508	9.6
1067565	Rock	0.017	<1	1	11.49	15	0.003	1	0.06	0.001	0.01	0.1	0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2		
1067566	Core Pulp	0.051	7	26	0.72	114	0.141	4	1.75	0.184	0.22	4.8	0.51	3.1	<0.1	0.18	5	6.2	2.8	161	12.4
1067567	Drill Core	0.013	10	3	0.05	40	<0.001	3	0.41	0.002	0.16	<0.1	0.04	1.6	0.2	0.45	1	<0.5	<0.2		
1067568	Drill Core	0.006	9	4	0.14	52	<0.001	2	0.42	0.024	0.14	<0.1	<0.01	0.9	<0.1	0.16	<1	<0.5	<0.2		

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		Method	7TD	7TD	7TD
		Analyte	Cu	Pb	Zn
		Unit	%	%	%
		MDL	0.001	0.02	0.01
1067539	Drill Core				
1067540	Drill Core				
1067541	Drill Core				
1067542	Drill Core				
1067543	Drill Core				
1067544	Drill Core				
1067545	Drill Core				
1067546	Drill Core				
1067547	Drill Core				
1067548	Drill Core				
1067549	Drill Core				
1067550	Drill Core				
1067551	Drill Core				
1067552	Drill Core				
1067553	Drill Core				
1067554	Drill Core				
1067555	Drill Core				
1067556	Drill Core				
1067557	Drill Core				
1067558	Drill Core				
1067559	Drill Core				
1067560	Drill Core				
1067561	Drill Core				
1067562	Drill Core				
1067563	Drill Core				
1067564	Drill Core		0.273	1.98	6.26
1067565	Rock				
1067566	Core Pulp				
1067567	Drill Core				
1067568	Drill Core				

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CERTIFICATE OF ANALYSIS WHI11001533.2

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
1067569	Drill Core	6.86	0.006	2.5	2.9	37.0	286	0.4	0.4	1.3	476	0.48	11.9	6.6	13.8	10	1.7	2.6	0.2	<2	0.10
1067570	Drill Core	5.87	<0.005	2.1	2.3	10.8	102	0.2	0.5	1.0	254	0.47	4.6	2.4	14.0	26	0.4	1.2	0.2	<2	0.48
1067571	Drill Core	5.85	<0.005	1.0	1.9	9.6	68	0.1	1.5	2.7	443	1.85	4.9	2.4	41.7	62	0.4	1.4	<0.1	23	0.85
1067572	Drill Core	3.64	<0.005	0.8	7.5	6.3	48	<0.1	1.4	3.1	291	1.84	2.7	0.6	41.0	44	0.1	0.7	<0.1	25	0.70
1067573	Drill Core	2.97	<0.005	1.2	1.1	10.1	53	<0.1	1.2	2.5	216	1.49	3.0	0.9	33.0	31	0.2	1.4	<0.1	20	0.49

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
1067569	Drill Core	0.007	10	3	0.08	66	<0.001	2	0.35	0.032	0.16	<0.1	0.01	0.8	<0.1	0.20	<1	<0.5	<0.2		
1067570	Drill Core	0.006	10	6	0.10	79	<0.001	2	0.25	0.044	0.13	<0.1	<0.01	0.9	<0.1	0.21	<1	<0.5	<0.2		
1067571	Drill Core	0.041	69	8	0.44	232	0.019	1	0.79	0.081	0.15	<0.1	<0.01	2.8	<0.1	0.08	4	0.7	<0.2		
1067572	Drill Core	0.042	51	8	0.49	160	0.061	1	0.83	0.091	0.10	<0.1	<0.01	2.4	<0.1	<0.05	4	<0.5	<0.2		
1067573	Drill Core	0.032	33	8	0.41	133	0.071	<1	0.75	0.078	0.08	0.3	<0.01	2.0	<0.1	<0.05	3	<0.5	<0.2		

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Method		7TD	7TD	7TD
Analyte		Cu	Pb	Zn
Unit		%	%	%
MDL		0.001	0.02	0.01
1067569	Drill Core			
1067570	Drill Core			
1067571	Drill Core			
1067572	Drill Core			
1067573	Drill Core			

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QUALITY CONTROL REPORT WHI11001533.2

	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																					
1067427	Drill Core	5.56	<0.005	0.7	14.7	3.5	22	<0.1	0.7	1.0	91	0.90	5.5	<0.5	6.2	7	<0.1	1.4	0.2	4	0.07
REP 1067427	QC			0.7	15.2	3.6	23	<0.1	0.8	1.1	95	0.93	6.2	<0.5	6.6	7	<0.1	1.5	0.2	4	0.07
1067429	Drill Core	4.29	0.012	3.3	52.2	4.2	45	<0.1	1.0	9.2	416	3.20	25.7	16.4	3.6	15	0.2	2.8	0.5	13	0.47
REP 1067429	QC		0.010																		
1067443	Drill Core	4.54	<0.005	0.3	9.1	10.2	22	<0.1	0.7	1.2	146	0.67	8.6	<0.5	0.7	58	<0.1	1.2	0.3	4	0.43
REP 1067443	QC			0.2	8.7	9.8	21	<0.1	0.6	1.2	139	0.64	8.1	<0.5	0.6	54	<0.1	1.1	0.3	4	0.40
1067444	Drill Core	4.66	<0.005	0.2	7.8	14.1	24	<0.1	0.2	1.1	133	0.51	5.6	<0.5	0.2	48	0.1	1.2	0.2	<2	0.54
REP 1067444	QC		<0.005																		
1067452	Drill Core	3.85	<0.005	0.6	5.6	6.3	74	<0.1	0.5	0.7	109	0.47	11.5	3.9	1.4	40	0.2	1.0	0.3	<2	0.34
REP 1067452	QC		<0.005																		
1067458	Drill Core	4.58	<0.005	0.7	12.2	9.5	249	<0.1	0.6	1.0	351	0.56	106.7	5.3	1.9	19	0.2	5.9	0.2	<2	0.15
REP 1067458	QC			0.8	13.2	9.8	270	<0.1	0.6	1.2	376	0.60	114.1	4.7	2.0	21	0.2	6.5	0.2	<2	0.16
1067465	Core Pulp	0.18	>10	8.0	116.2	15.1	56	>100	15.7	10.9	602	3.64	240.6	12556	3.0	82	0.3	8.5	16.7	69	1.68
REP 1067465	QC																				
1067474	Drill Core	2.46	>10	0.6	677.7	>10000	>10000	>100	1.8	5.4	1838	7.08	>10000	34327	2.2	8	217.4	>2000	0.4	<2	0.06
REP 1067474	QC			0.5	663.7	>10000	>10000	>100	2.0	5.2	1806	6.91	>10000	32036	2.4	8	210.0	>2000	0.4	<2	0.06
1067494	Drill Core	2.44	<0.005	1.2	44.6	8.0	804	1.8	1.1	6.4	682	2.50	37.1	0.7	3.4	18	4.4	10.9	0.4	4	0.36
REP 1067494	QC			1.0	43.2	7.8	784	1.7	0.8	6.1	665	2.42	36.7	1.9	3.4	17	4.6	10.1	0.3	4	0.33
1067495	Rock	0.83	<0.005	<0.1	1.4	0.9	22	<0.1	0.2	0.5	198	0.41	1.8	0.9	<0.1	32	<0.1	0.3	<0.1	<2	17.05
REP 1067495	QC		<0.005																		
1067520	Drill Core	4.44	>10	0.8	6558	>10000	>10000	>100	1.0	5.6	518	21.42	>10000	21260	0.2	4	917.6	>2000	8.4	<2	0.01
REP 1067520	QC			0.7	6720	>10000	>10000	>100	1.1	5.7	539	22.18	>10000	24795	0.2	5	943.4	>2000	8.4	<2	0.02
1067535	Rock	0.51	<0.005	<0.1	0.5	0.9	16	<0.1	1.2	0.6	216	0.38	<0.5	3.8	<0.1	37	0.1	<0.1	<0.1	<2	17.83
REP 1067535	QC			<0.1	0.4	1.0	16	<0.1	1.5	0.5	212	0.38	<0.5	1.8	<0.1	38	0.1	<0.1	<0.1	<2	17.40
1067538	Drill Core	4.49	0.014	0.5	29.4	11.4	713	0.2	1.1	3.9	486	1.38	59.2	7.1	4.3	4	2.5	33.9	0.5	6	0.09
REP 1067538	QC		0.009																		
1067549	Drill Core	6.02	<0.005	1.4	12.9	44.9	329	0.4	1.5	5.0	304	1.78	21.8	10.5	45.8	24	3.7	8.8	0.9	2	0.10
REP 1067549	QC		0.005																		

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QUALITY CONTROL REPORT WHI11001533.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
Pulp Duplicates																					
1067427	Drill Core	0.008	13	8	0.02	24	<0.001	<1	0.26	0.077	0.06	0.7	<0.01	2.0	<0.1	<0.05	<1	<0.5	<0.2		
REP 1067427	QC	0.009	14	9	0.02	25	<0.001	<1	0.28	0.079	0.07	0.7	<0.01	2.1	<0.1	<0.05	1	<0.5	<0.2		
1067429	Drill Core	0.056	13	4	0.48	76	0.086	<1	1.00	0.077	0.25	0.2	<0.01	7.9	0.2	0.59	6	<0.5	<0.2		
REP 1067429	QC																				
1067443	Drill Core	0.011	2	2	0.06	77	<0.001	<1	0.26	0.070	0.11	<0.1	<0.01	0.5	<0.1	0.18	<1	<0.5	<0.2		
REP 1067443	QC	0.011	2	<1	0.05	74	<0.001	<1	0.24	0.066	0.10	<0.1	<0.01	0.5	<0.1	0.18	<1	<0.5	<0.2		
1067444	Drill Core	0.012	<1	<1	0.03	136	<0.001	1	0.26	0.052	0.13	<0.1	<0.01	0.2	<0.1	0.14	<1	<0.5	<0.2		
REP 1067444	QC																				
1067452	Drill Core	0.011	4	4	0.02	70	<0.001	3	0.26	0.040	0.11	<0.1	<0.01	0.2	<0.1	0.09	<1	<0.5	<0.2		
REP 1067452	QC																				
1067458	Drill Core	0.016	5	3	0.07	76	<0.001	1	0.48	0.040	0.09	<0.1	<0.01	0.3	<0.1	<0.05	1	<0.5	<0.2		
REP 1067458	QC	0.019	5	3	0.08	84	<0.001	1	0.49	0.043	0.10	<0.1	<0.01	0.4	<0.1	<0.05	1	<0.5	<0.2		
1067465	Core Pulp	0.050	8	25	0.71	112	0.137	4	1.79	0.198	0.21	4.2	0.45	2.7	<0.1	0.18	5	5.2	2.5	180	12.0
REP 1067465	QC																			166	11.6
1067474	Drill Core	0.024	3	3	0.01	35	<0.001	2	0.59	0.001	0.18	<0.1	0.78	2.6	1.7	4.99	1	<0.5	<0.2	894	29.9
REP 1067474	QC	0.023	2	3	0.01	35	<0.001	2	0.59	0.001	0.18	<0.1	0.79	2.6	1.7	4.80	<1	0.7	0.3		
1067494	Drill Core	0.025	9	2	0.61	94	<0.001	<1	2.14	<0.001	0.06	2.4	0.03	3.2	0.4	0.84	4	<0.5	<0.2		
REP 1067494	QC	0.024	8	2	0.59	90	<0.001	<1	2.07	<0.001	0.06	2.0	0.03	3.3	0.5	0.82	4	<0.5	<0.2		
1067495	Rock	0.013	<1	<1	10.31	10	<0.001	<1	0.05	0.002	0.02	<0.1	<0.01	0.1	<0.1	0.08	<1	<0.5	<0.2		
REP 1067495	QC																				
1067520	Drill Core	0.029	<1	4	<0.01	5	<0.001	<1	0.10	<0.001	0.04	<0.1	2.98	<0.1	3.7	>10	2	2.4	0.3	1665	19.6
REP 1067520	QC	0.028	<1	4	<0.01	6	<0.001	1	0.09	<0.001	0.04	<0.1	3.16	<0.1	3.8	>10	2	1.9	0.2		
1067535	Rock	0.013	<1	<1	11.02	13	<0.001	<1	0.03	0.001	<0.01	<0.1	<0.01	<0.1	<0.1	0.07	<1	<0.5	<0.2		
REP 1067535	QC	0.013	<1	<1	10.81	14	<0.001	1	0.03	0.001	<0.01	<0.1	<0.01	<0.1	<0.1	0.07	<1	<0.5	<0.2		
1067538	Drill Core	0.026	9	1	0.05	16	<0.001	<1	0.68	0.003	0.05	0.5	0.24	2.6	<0.1	0.80	2	<0.5	<0.2		
REP 1067538	QC																				
1067549	Drill Core	0.024	56	2	0.05	37	<0.001	4	0.47	0.004	0.23	0.1	0.02	0.7	0.3	1.79	<1	<0.5	0.2		
REP 1067549	QC																				

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: November 16, 2011

QUALITY CONTROL REPORT WHI11001533.2

		Method	7TD	7TD	7TD
		Analyte	Cu	Pb	Zn
		Unit	%	%	%
		MDL	0.001	0.02	0.01
Pulp Duplicates					
1067427	Drill Core				
REP 1067427	QC				
1067429	Drill Core				
REP 1067429	QC				
1067443	Drill Core				
REP 1067443	QC				
1067444	Drill Core				
REP 1067444	QC				
1067452	Drill Core				
REP 1067452	QC				
1067458	Drill Core				
REP 1067458	QC				
1067465	Core Pulp				
REP 1067465	QC				
1067474	Drill Core		0.067	1.09	1.49
REP 1067474	QC				
1067494	Drill Core				
REP 1067494	QC				
1067495	Rock				
REP 1067495	QC				
1067520	Drill Core		0.716	8.58	6.37
REP 1067520	QC				
1067535	Rock				
REP 1067535	QC				
1067538	Drill Core				
REP 1067538	QC				
1067549	Drill Core				
REP 1067549	QC				

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QUALITY CONTROL REPORT WHI11001533.2

		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
1067551	Drill Core	4.47	0.008	1.5	287.5	565.9	4384	3.5	17.1	36.2	3195	3.80	63.5	11.2	8.0	17	7.8	15.8	5.2	34	0.44
REP 1067551	QC			1.6	284.2	550.9	4349	3.1	16.7	35.7	3146	3.79	64.0	10.1	8.1	16	7.9	15.4	5.0	33	0.42
1067557	Drill Core	3.95	<0.005	1.9	2.6	29.8	59	0.4	0.3	1.0	24	0.58	19.9	3.8	14.8	12	2.1	6.4	0.2	<2	0.04
REP 1067557	QC			2.1	2.6	30.7	60	0.4	0.2	1.1	24	0.57	20.3	4.5	14.7	11	2.0	5.9	0.2	<2	0.04
1067558	Drill Core	6.13	<0.005	2.2	1.3	20.9	285	0.2	0.3	0.6	280	0.51	27.6	3.7	14.5	10	1.3	7.2	0.1	<2	0.05
REP 1067558	QC		<0.005																		
Core Reject Duplicates																					
1067422	Drill Core	2.65	<0.005	0.9	16.1	2.2	14	<0.1	1.8	0.7	64	0.64	8.2	<0.5	5.7	8	<0.1	1.6	0.1	4	0.06
DUP 1067422	QC		<0.005	0.8	15.8	2.0	14	<0.1	1.9	0.7	67	0.64	8.6	<0.5	5.5	8	<0.1	1.6	<0.1	4	0.06
1067457	Drill Core	5.13	<0.005	0.3	20.0	14.7	104	<0.1	0.4	1.1	186	0.43	30.0	0.8	1.7	108	0.4	2.0	0.2	<2	1.09
DUP 1067457	QC		<0.005	0.2	19.0	13.6	94	<0.1	0.4	1.1	168	0.39	25.4	<0.5	1.7	107	0.3	1.9	0.2	<2	1.10
1067492	Drill Core	2.52	<0.005	2.8	31.2	9.7	1173	0.5	2.0	7.4	387	2.98	544.6	3.9	3.8	7	7.1	27.8	0.6	5	0.29
DUP 1067492	QC		<0.005	2.8	31.9	10.2	1195	0.4	1.8	7.4	385	3.07	573.9	4.0	4.1	7	6.9	29.3	0.6	5	0.30
1067527	Drill Core	2.70	0.030	0.1	3.5	8.3	74	0.1	0.3	1.3	272	0.62	16.6	26.5	3.2	11	0.2	4.1	0.4	<2	0.39
DUP 1067527	QC		0.020	0.1	3.3	8.7	72	<0.1	0.2	1.3	258	0.59	16.7	22.1	3.2	11	0.2	3.9	0.4	<2	0.37
1067562	Drill Core	2.76	0.151	2.2	53.7	820.9	1274	3.9	0.3	0.8	42	0.88	198.3	103.7	14.0	13	87.2	15.3	0.7	<2	0.04
DUP 1067562	QC		0.117	2.4	57.9	815.6	1256	4.2	0.3	0.8	42	0.88	196.4	99.5	13.9	14	83.9	14.5	0.7	<2	0.04
Reference Materials																					
STD AGPROOF	Standard																				
STD AGPROOF	Standard																				
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
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 DS8	Standard			13.2	104.9	121.1	306	1.8	36.7	7.7	613	2.46	24.8	114.9	8.2	81	2.3	6.4	7.8	42	0.75
STD DS8	Standard			13.4	111.7	119.4	304	1.7	38.7	7.8	580	2.44	24.4	93.7	7.2	64	2.3	5.9	6.1	44	0.71

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Project: Charlotte Project
Report Date: November 16, 2011

QUALITY CONTROL REPORT WHI11001533.2

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
1067551	Drill Core	0.057	10	14	0.95	60	<0.001	<1	2.48	0.004	0.12	<0.1	0.03	4.4	0.3	1.10	6	0.9	2.6		
REP 1067551	QC	0.057	10	14	0.95	61	<0.001	1	2.47	0.004	0.12	<0.1	0.03	4.4	0.3	1.09	6	1.0	2.4		
1067557	Drill Core	0.005	11	2	0.02	277	<0.001	4	0.39	0.004	0.18	<0.1	0.01	0.8	0.1	0.51	<1	<0.5	<0.2		
REP 1067557	QC	0.004	11	2	0.02	220	<0.001	3	0.36	0.004	0.17	<0.1	0.02	0.8	0.2	0.51	<1	0.5	<0.2		
1067558	Drill Core	0.007	11	3	0.02	207	<0.001	4	0.39	0.003	0.19	<0.1	0.02	0.9	0.1	0.29	<1	<0.5	<0.2		
REP 1067558	QC																				
Core Reject Duplicates																					
1067422	Drill Core	0.007	19	6	0.03	23	<0.001	<1	0.27	0.057	0.06	0.2	<0.01	2.1	<0.1	<0.05	<1	<0.5	<0.2		
DUP 1067422	QC	0.007	18	6	0.03	24	0.002	<1	0.28	0.064	0.06	0.2	0.01	1.9	<0.1	<0.05	<1	<0.5	<0.2		
1067457	Drill Core	0.010	5	5	0.04	102	<0.001	2	0.33	0.047	0.16	<0.1	<0.01	0.2	<0.1	0.10	<1	0.8	<0.2		
DUP 1067457	QC	0.009	5	5	0.04	91	<0.001	1	0.28	0.040	0.14	<0.1	<0.01	0.2	<0.1	0.10	<1	<0.5	<0.2		
1067492	Drill Core	0.021	7	2	0.37	29	<0.001	<1	1.85	0.002	0.06	0.2	0.02	3.2	0.2	0.58	4	<0.5	<0.2		
DUP 1067492	QC	0.021	7	2	0.37	29	<0.001	<1	1.88	0.003	0.06	0.2	0.03	3.2	0.1	0.60	4	<0.5	<0.2		
1067527	Drill Core	0.013	8	1	0.18	267	<0.001	2	0.44	0.002	0.14	<0.1	0.02	0.3	0.1	0.41	<1	<0.5	<0.2		
DUP 1067527	QC	0.012	8	<1	0.16	293	<0.001	3	0.45	0.003	0.13	<0.1	0.01	0.4	<0.1	0.39	1	<0.5	<0.2		
1067562	Drill Core	0.010	9	2	0.02	128	<0.001	4	0.33	0.003	0.22	<0.1	0.04	0.8	0.5	0.90	<1	<0.5	<0.2		
DUP 1067562	QC	0.008	8	2	0.02	126	<0.001	3	0.31	0.003	0.21	<0.1	0.04	0.7	0.5	0.86	<1	0.8	<0.2		
Reference Materials																					
STD AGPROOF	Standard																			98	<0.9
STD AGPROOF	Standard																			96	<0.9
STD AGPROOF	Standard																			94	<0.9
STD CDN-ME-3	Standard																			245	9.7
STD CDN-ME-3	Standard																			257	9.3
STD CDN-ME-3	Standard																			268	9.5
STD CDN-ME-3	Standard																			271	9.3
STD CDN-ME-3	Standard																			264	9.3
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 DS8	Standard	0.076	19	116	0.62	267	0.131	2	0.97	0.091	0.42	2.8	0.19	2.1	5.2	0.16	5	4.8	4.8		
STD DS8	Standard	0.075	16	118	0.59	276	0.122	2	0.90	0.084	0.40	2.8	0.19	2.1	4.9	0.16	4	4.9	5.0		

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		7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01
1067551	Drill Core			
REP 1067551	QC			
1067557	Drill Core			
REP 1067557	QC			
1067558	Drill Core			
REP 1067558	QC			
Core Reject Duplicates				
1067422	Drill Core			
DUP 1067422	QC			
1067457	Drill Core			
DUP 1067457	QC			
1067492	Drill Core			
DUP 1067492	QC			
1067527	Drill Core			
DUP 1067527	QC			
1067562	Drill Core			
DUP 1067562	QC			
Reference Materials				
STD AGPROOF	Standard			
STD AGPROOF	Standard			
STD AGPROOF	Standard			
STD CDN-ME-3	Standard			
STD CDN-ME-3	Standard			
STD CDN-ME-3	Standard			
STD CDN-ME-3	Standard			
STD CDN-ME-3	Standard			
STD DS8	Standard			
STD DS8	Standard			
STD DS8	Standard			

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		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			13.7	111.9	129.3	317	1.7	38.8	7.5	631	2.60	25.7	122.1	7.7	75	2.2	5.7	6.7	42	0.75
STD DS8	Standard			13.6	107.2	122.7	308	1.8	36.8	7.2	593	2.43	27.3	113.5	7.0	70	2.1	5.3	5.9	41	0.74
STD OREAS131B	Standard																				
STD OREAS131B	Standard																				
STD OXH82	Standard		1.259																		
STD OXH82	Standard		1.235																		
STD OXH82	Standard		1.311																		
STD OXH82	Standard		1.262																		
STD OXH82	Standard		1.289																		
STD OXH82	Standard		1.288																		
STD OXH82	Standard		1.315																		
STD OXH82	Standard		1.303																		
STD OXH82	Standard		1.242																		
STD OXK79	Standard		3.782																		
STD OXK79	Standard		3.426																		
STD OXK79	Standard		3.463																		
STD OXK79	Standard		3.650																		
STD OXK79	Standard		3.528																		
STD OXK79	Standard		3.595																		
STD OXK79	Standard		3.761																		
STD OXK79	Standard		3.479																		
STD OXK79	Standard		3.780																		
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																					

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QUALITY CONTROL REPORT WHI11001533.2

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
STD DS8	Standard	0.079	18	125	0.61	296	0.128	3	0.94	0.096	0.42	3.1	0.19	2.2	5.6	0.17	5	4.6	6.3		
STD DS8	Standard	0.076	17	116	0.60	279	0.123	3	0.97	0.098	0.42	2.9	0.19	2.0	5.1	0.16	5	5.4	4.6		
STD OREAS131B	Standard																				
STD OREAS131B	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 OXK79	Standard																				
STD OXK79	Standard																				
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STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD SU-1B	Standard																				
STD SU-1B	Standard																				
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																					

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www.acmelab.com

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

Project: Charlotte Project
Report Date: November 16, 2011

QUALITY CONTROL REPORT WHI11001533.2

		7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01
STD DS8	Standard			
STD DS8	Standard			
STD OREAS131B	Standard	0.022	1.86	3.26
STD OREAS131B	Standard	0.021	1.81	3.20
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 OXK79	Standard			
STD OXK79	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	1.138	<0.02	0.03
STD SU-1B	Standard	1.172	<0.02	0.03
STD OXH82 Expected				
STD OXK79 Expected				
STD DS8 Expected				
STD OREAS131B Expected		0.0216	1.86	3.14

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Project: Charlotte Project
Report Date: November 16, 2011

QUALITY CONTROL REPORT WHI11001533.2

		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 SU-1B Expected																					
STD CDN-ME-3 Expected																					
STD AGPROOF Expected																					
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
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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		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
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BLK	Blank		<0.005																		

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: November 16, 2011

QUALITY CONTROL REPORT WHI11001533.2

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
STD SU-1B Expected																						
STD CDN-ME-3 Expected																					276	9.77
STD AGPROOF Expected																					94	0
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
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BLK	Blank																					
BLK	Blank																					
BLK	Blank																				<50	<0.9
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																				<50	<0.9
BLK	Blank																				<50	<0.9
BLK	Blank																					
BLK	Blank																					

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Report Date: November 16, 2011

QUALITY CONTROL REPORT WHI11001533.2

		7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01
STD SU-1B Expected		1.185	0.0058	0.0235
STD CDN-ME-3 Expected				
STD AGPROOF Expected				
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
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QUALITY CONTROL REPORT WHI11001533.2

		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																				
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			<0.1	<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																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		<0.005	0.1	1.7	3.2	47	<0.1	3.3	4.2	544	1.94	0.7	2.1	5.3	62	<0.1	0.1	0.1	40	0.49
G1	Prep Blank		<0.005	<0.1	2.1	2.9	46	<0.1	3.5	4.3	539	1.84	<0.5	0.8	5.3	60	<0.1	<0.1	<0.1	39	0.47

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QUALITY CONTROL REPORT WHI11001533.2

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
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	<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																			<50	<0.9
BLK	Blank																			<50	<0.9
BLK	Blank																			<50	<0.9
BLK	Blank																			<50	<0.9
BLK	Blank																			<50	<0.9
BLK	Blank																			<50	<0.9
Prep Wash																					
G1	Prep Blank	0.077	11	9	0.56	209	0.135	1	0.95	0.070	0.45	<0.1	<0.01	1.6	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.073	11	10	0.54	201	0.130	2	0.94	0.075	0.45	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2		

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: November 16, 2011

QUALITY CONTROL REPORT WHI11001533.2

		7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01
BLK	Blank	<0.001	<0.02	<0.01
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.001	<0.02	<0.01
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
Prep Wash				
G1	Prep Blank			
G1	Prep Blank			

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

Submitted By: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: October 19, 2011
Report Date: November 08, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI11001777.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-031
P.O. Number
Number of Samples: 72

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	69	Crush split and pulverize 250g drill core to 200 mesh			SMI
G601	72	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	72	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

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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

Project: Charlotte Project
Report Date: November 08, 2011

CERTIFICATE OF ANALYSIS WHI11001777.1

	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
1067231	Drill Core	4.16	<0.005	1.7	64.5	7.5	39	0.1	7.1	15.0	458	4.20	7.9	6.4	1.7	54	0.1	2.4	0.6	96	1.51
1067232	Drill Core	6.42	0.554	0.9	130.2	25.9	96	2.8	3.3	19.6	3718	5.15	1065	462.4	1.1	70	0.7	36.7	0.7	34	3.54
1067233	Drill Core	4.08	0.431	3.6	104.2	172.7	359	2.1	8.2	19.8	4530	5.33	698.9	378.6	0.9	65	3.2	30.7	0.5	28	3.56
1067234	Drill Core	6.33	0.030	4.0	90.4	7.9	64	0.2	10.8	21.7	643	4.86	33.8	52.2	1.2	27	0.2	1.2	0.7	176	1.47
1067235	Rock	0.67	<0.005	0.1	1.2	1.4	14	<0.1	1.8	0.6	215	0.46	1.2	13.2	<0.1	42	<0.1	<0.1	<0.1	<2	18.64
1067236	Drill Core	5.15	0.007	3.4	61.4	16.9	68	<0.1	13.5	21.6	513	4.53	2.9	8.1	0.8	18	0.3	0.3	0.6	160	1.29
1067237	Drill Core	4.73	0.008	1.0	140.1	4.4	43	0.1	6.6	21.1	418	5.13	2.9	9.3	0.7	23	<0.1	0.4	0.6	132	0.86
1067238	Drill Core	5.20	0.027	2.4	45.2	56.3	89	0.4	3.5	10.3	207	3.27	81.5	20.7	7.2	115	1.3	2.5	0.3	74	1.47
1067239	Drill Core	4.58	0.019	3.6	36.6	28.0	53	1.1	4.0	11.3	258	3.64	92.5	18.0	7.1	115	0.3	5.9	0.6	73	1.61
1067240	Drill Core	6.02	0.136	1.7	53.6	38.8	37	0.3	2.9	10.1	272	3.10	312.3	109.2	7.3	169	0.3	2.3	0.5	72	2.10
1067241	Drill Core	4.54	<0.005	1.3	28.0	2.4	20	<0.1	3.1	10.4	288	3.32	6.1	11.5	7.6	254	<0.1	1.2	0.4	66	2.56
1067242	Drill Core	4.33	0.012	10.7	14.2	23.4	148	0.3	6.2	26.5	734	8.17	53.9	12.7	6.8	67	1.7	7.3	0.6	14	2.51
1067243	Drill Core	2.56	0.007	1.4	4.7	6.8	11	<0.1	3.5	8.1	482	3.52	10.2	5.9	9.8	62	<0.1	2.7	0.6	19	1.85
1067244	Drill Core	5.06	<0.005	1.4	2.4	5.1	14	<0.1	4.9	12.9	100	3.25	5.2	3.5	6.5	895	<0.1	0.8	0.6	58	1.88
1067245	Rock Pulp	0.14	0.375	10.2	129.5	7.5	49	0.2	26.6	34.3	493	3.17	1313	303.1	3.0	72	0.2	2.3	4.4	82	1.39
1067246	Drill Core	4.89	<0.005	1.4	2.0	7.5	15	0.1	4.8	19.5	175	3.04	5.5	13.9	6.8	1046	<0.1	1.4	0.5	36	1.98
1067247	Drill Core	3.02	<0.005	1.7	0.8	3.5	21	<0.1	5.4	11.3	194	3.45	3.0	9.4	2.9	42	<0.1	0.5	0.3	53	1.33
1067248	Drill Core	5.58	<0.005	0.6	0.8	3.7	4	<0.1	4.4	10.1	58	4.28	7.4	5.3	2.9	24	<0.1	0.7	0.4	2	0.74
1067249	Drill Core	6.45	<0.005	2.9	0.9	2.8	4	<0.1	2.0	4.7	61	3.31	1.4	<0.5	4.4	24	<0.1	0.2	0.3	2	0.85
1067250	Drill Core	5.64	<0.005	2.5	0.7	3.7	10	<0.1	3.9	6.3	82	2.01	1.7	2.6	2.4	26	<0.1	0.1	0.2	11	0.75
1067251	Drill Core	5.80	<0.005	1.4	1.6	3.0	41	<0.1	1.6	4.6	169	1.71	0.7	1.1	2.8	15	<0.1	0.2	<0.1	18	0.40
1067252	Drill Core	5.94	<0.005	2.2	6.2	6.0	26	<0.1	4.4	11.2	286	2.44	1.1	2.2	2.4	35	<0.1	0.3	0.3	50	1.16
1067253	Drill Core	6.55	<0.005	5.2	17.3	4.3	22	<0.1	5.7	14.7	266	2.47	1.1	3.9	3.4	45	<0.1	0.3	0.3	71	1.37
1067254	Drill Core	6.41	<0.005	0.9	10.2	3.5	26	<0.1	3.9	8.2	305	2.44	0.9	2.2	2.3	25	<0.1	<0.1	0.2	79	0.44
1067255	Drill Core	3.44	<0.005	1.3	12.5	3.6	25	<0.1	3.8	8.4	300	2.32	0.7	1.5	2.4	27	<0.1	0.1	0.2	77	0.48
1067256	Drill Core	4.56	<0.005	1.8	15.1	9.2	53	<0.1	5.9	10.8	330	2.86	0.6	1.8	2.0	35	<0.1	<0.1	0.2	92	0.70
1067257	Drill Core	5.50	<0.005	0.2	12.4	2.3	26	<0.1	2.0	4.6	227	2.41	<0.5	1.3	2.8	10	<0.1	<0.1	0.2	40	0.23
1067258	Drill Core	8.19	<0.005	0.5	5.5	3.9	19	<0.1	2.2	4.4	166	2.50	0.8	<0.5	2.7	14	<0.1	0.1	0.2	29	0.26
1067259	Drill Core	6.13	<0.005	0.2	6.6	1.6	23	<0.1	0.7	4.6	188	2.31	<0.5	0.6	2.4	11	<0.1	<0.1	0.2	37	0.20
1067260	Drill Core	3.90	0.005	<0.1	18.0	2.7	26	<0.1	0.9	4.2	239	2.79	<0.5	0.7	2.8	18	<0.1	<0.1	0.3	39	0.32

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Project: Charlotte Project
Report Date: November 08, 2011

CERTIFICATE OF ANALYSIS WHI11001777.1

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
1067231	Drill Core	0.061	5	3	1.25	111	0.068	2	1.48	0.047	0.67	<0.1	<0.01	14.8	0.4	1.54	6	1.2	<0.2
1067232	Drill Core	0.052	4	<1	1.25	40	<0.001	2	0.42	0.004	0.22	0.1	0.14	9.6	1.4	4.01	1	1.2	0.3
1067233	Drill Core	0.059	2	1	1.12	28	<0.001	3	0.39	0.005	0.22	0.2	0.08	6.6	1.0	4.69	1	1.1	<0.2
1067234	Drill Core	0.066	4	9	2.02	61	0.143	2	1.99	0.063	1.00	0.4	<0.01	14.1	0.4	1.81	8	1.1	<0.2
1067235	Rock	0.016	<1	<1	12.16	15	<0.001	<1	0.02	0.001	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
1067236	Drill Core	0.068	3	11	1.99	52	0.168	1	2.02	0.096	0.79	0.6	<0.01	10.6	0.2	2.01	8	1.1	<0.2
1067237	Drill Core	0.067	3	4	1.58	53	0.229	2	1.98	0.111	0.69	0.2	<0.01	11.2	0.2	2.14	8	1.3	<0.2
1067238	Drill Core	0.066	9	4	1.16	69	0.137	1	2.50	0.234	0.30	0.3	<0.01	3.4	0.2	1.46	7	0.8	<0.2
1067239	Drill Core	0.063	10	4	1.12	55	0.131	2	2.53	0.237	0.31	3.8	<0.01	4.5	0.2	1.73	7	1.2	<0.2
1067240	Drill Core	0.066	13	3	1.16	82	0.102	1	2.62	0.283	0.47	0.3	<0.01	4.9	0.3	1.40	7	0.9	<0.2
1067241	Drill Core	0.068	13	3	1.15	79	0.070	2	2.51	0.264	0.49	0.1	<0.01	5.5	0.3	1.57	6	1.0	<0.2
1067242	Drill Core	0.051	6	4	0.71	28	<0.001	2	0.43	0.004	0.20	0.2	0.04	2.9	0.6	8.20	<1	4.3	<0.2
1067243	Drill Core	0.064	9	<1	0.64	36	<0.001	2	0.59	0.003	0.20	0.1	0.02	4.5	0.2	3.42	1	2.0	<0.2
1067244	Drill Core	0.064	12	7	1.17	24	0.031	1	1.70	0.171	0.46	0.5	<0.01	5.9	0.2	3.21	5	1.7	0.3
1067245	Rock Pulp	0.056	7	46	0.76	131	0.129	3	1.76	0.197	0.28	0.4	<0.01	2.8	<0.1	0.13	5	2.1	0.7
1067246	Drill Core	0.060	11	3	1.15	27	0.008	2	1.16	0.040	0.47	0.2	<0.01	4.9	0.3	2.96	3	3.6	0.2
1067247	Drill Core	0.031	6	2	1.42	61	0.096	2	1.51	0.045	0.97	0.2	<0.01	9.6	0.3	2.19	6	1.2	<0.2
1067248	Drill Core	0.012	3	<1	0.30	27	0.002	<1	0.32	0.013	0.21	0.1	<0.01	0.9	<0.1	4.67	<1	1.4	<0.2
1067249	Drill Core	0.024	4	<1	0.45	28	0.003	<1	0.39	0.011	0.26	0.2	<0.01	0.8	0.2	3.53	<1	1.0	<0.2
1067250	Drill Core	0.014	3	18	0.76	63	0.017	1	0.78	0.022	0.40	0.1	<0.01	2.6	0.1	1.67	3	0.7	<0.2
1067251	Drill Core	0.017	4	<1	1.04	133	0.083	<1	1.20	0.046	0.75	0.1	<0.01	3.8	0.2	0.47	5	<0.5	<0.2
1067252	Drill Core	0.030	4	2	0.92	66	0.092	<1	1.17	0.064	0.55	0.1	<0.01	6.1	0.1	1.11	5	0.7	<0.2
1067253	Drill Core	0.067	10	20	1.21	111	0.164	<1	1.46	0.099	0.75	0.3	<0.01	7.4	0.3	0.95	7	0.8	<0.2
1067254	Drill Core	0.028	4	3	1.24	143	0.169	<1	1.49	0.080	0.90	0.2	<0.01	9.8	0.2	0.73	7	0.7	<0.2
1067255	Drill Core	0.028	4	3	1.21	158	0.162	<1	1.44	0.080	0.81	0.2	<0.01	9.5	0.2	0.64	6	0.5	<0.2
1067256	Drill Core	0.082	7	23	1.09	119	0.203	<1	1.51	0.084	0.73	0.3	<0.01	8.3	0.1	0.78	6	0.8	<0.2
1067257	Drill Core	0.035	5	2	0.79	109	0.161	<1	1.17	0.113	0.69	0.3	<0.01	8.9	0.1	0.80	6	0.7	<0.2
1067258	Drill Core	0.036	6	6	0.80	77	0.145	<1	1.08	0.087	0.64	0.3	<0.01	7.6	0.1	1.19	6	0.8	<0.2
1067259	Drill Core	0.040	6	1	0.72	101	0.164	<1	1.07	0.095	0.71	0.2	<0.01	7.8	0.2	0.83	6	0.6	<0.2
1067260	Drill Core	0.052	7	1	0.63	81	0.164	<1	1.02	0.108	0.47	0.2	<0.01	7.3	0.1	1.24	6	0.9	<0.2

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Project: Charlotte Project
Report Date: November 08, 2011

CERTIFICATE OF ANALYSIS WHI11001777.1

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
1067261	Drill Core	6.78	<0.005	0.2	33.8	2.3	31	<0.1	16.4	12.0	399	2.02	1.7	5.2	0.5	15	<0.1	0.3	0.5	71	1.58
1067262	Drill Core	5.86	0.021	0.3	46.6	2.0	25	<0.1	18.1	12.8	341	2.14	1.2	7.8	0.3	11	<0.1	0.2	0.9	63	1.57
1067263	Drill Core	3.73	0.007	0.1	31.9	3.6	26	<0.1	13.8	10.1	266	2.06	1.7	5.5	0.7	15	<0.1	0.2	1.2	63	1.19
1067264	Drill Core	5.61	0.049	0.2	108.0	4.1	42	0.2	26.6	18.9	412	3.80	5.3	54.2	0.5	16	0.1	0.4	2.9	118	1.03
1067265	Rock Pulp	0.10	0.374	9.4	119.0	7.8	49	0.2	23.6	32.1	467	3.04	1192	380.3	3.0	85	0.2	1.9	3.9	83	1.44
1067266	Drill Core	4.04	0.019	0.2	76.5	2.1	51	<0.1	25.8	13.7	328	3.10	6.3	18.5	0.3	14	<0.1	0.7	0.9	103	1.14
1067267	Drill Core	5.56	0.012	0.1	91.6	2.1	51	0.1	32.3	23.1	446	3.38	7.9	13.0	0.4	13	<0.1	0.5	1.9	110	1.02
1067268	Drill Core	4.35	0.016	0.2	68.3	3.8	43	0.2	24.0	19.8	304	3.26	11.2	16.5	0.4	23	<0.1	0.6	8.7	94	0.88
1067269	Drill Core	5.33	0.012	0.1	37.8	3.1	37	0.1	25.1	16.6	360	2.86	5.9	12.2	0.2	28	<0.1	0.4	8.8	92	1.38
1067270	Drill Core	0.07	<0.005	0.6	74.4	2.6	59	0.1	33.0	13.4	765	3.35	8.1	4.0	0.4	13	<0.1	0.4	0.3	153	0.84
1067271	Drill Core	4.18	<0.005	3.5	13.9	1.4	37	<0.1	8.1	3.9	315	1.62	1.2	<0.5	5.3	7	<0.1	0.3	<0.1	39	0.46
1067272	Drill Core	4.48	<0.005	0.3	6.4	1.0	34	<0.1	3.0	2.0	298	1.29	0.8	<0.5	6.9	4	<0.1	0.2	<0.1	15	0.10
1067273	Drill Core	1.88	<0.005	0.2	22.6	1.6	81	<0.1	11.1	7.3	561	2.97	14.6	<0.5	4.8	8	0.1	0.9	0.1	55	0.27
1067274	Drill Core	4.12	<0.005	0.6	4.0	3.8	43	<0.1	3.4	2.3	166	1.48	23.1	0.8	7.4	8	0.1	0.8	0.3	14	0.12
1067275	Rock	0.65	0.009	<0.1	<0.1	0.7	12	<0.1	2.7	2.7	180	0.33	2.9	<0.5	<0.1	32	<0.1	<0.1	<0.1	<2	17.78
1067276	Drill Core	4.39	<0.005	4.3	30.1	2.9	55	<0.1	6.7	4.7	273	3.14	10.7	<0.5	4.2	12	0.1	1.0	0.2	61	0.19
1067277	Drill Core	3.87	<0.005	5.8	13.3	2.7	41	<0.1	2.5	1.1	71	1.43	26.8	<0.5	5.0	14	0.2	2.4	0.2	22	0.08
1067278	Drill Core	2.75	<0.005	1.0	18.2	4.4	75	<0.1	5.2	2.7	206	2.84	54.3	1.3	4.2	21	0.2	3.2	0.2	46	0.12
1067279	Drill Core	2.34	<0.005	0.7	23.5	5.6	86	<0.1	10.7	1.9	138	2.17	110.7	0.9	8.4	24	0.3	6.7	0.2	28	0.19
1067280	Drill Core	6.05	<0.005	2.3	33.1	3.5	65	<0.1	4.9	2.4	164	2.89	82.5	0.9	5.8	23	0.3	2.8	0.2	59	0.10
1067281	Drill Core	4.34	<0.005	9.7	32.2	3.1	40	<0.1	8.0	2.9	87	2.09	116.7	<0.5	7.1	9	0.6	4.3	0.2	31	0.04
1067282	Drill Core	4.32	<0.005	4.4	15.3	4.5	45	<0.1	3.4	1.1	54	2.69	260.6	0.8	7.9	16	0.3	7.4	0.4	25	0.04
1067283	Drill Core	3.41	<0.005	0.9	13.5	5.1	78	<0.1	2.4	1.6	34	4.01	563.5	2.1	6.5	51	0.5	6.9	0.7	22	0.06
1067284	Drill Core	3.40	<0.005	1.1	31.5	4.0	59	<0.1	5.9	2.5	153	3.17	412.2	<0.5	5.6	23	0.1	4.9	0.3	51	0.06
1067285	Rock Pulp	0.10	0.396	9.5	129.3	7.7	52	0.2	26.9	35.5	494	3.22	1353	378.2	3.1	80	0.3	1.9	4.5	77	1.44
1067286	Drill Core	5.35	0.005	0.8	30.4	2.4	77	<0.1	4.5	4.3	117	3.26	410.3	5.2	3.7	37	0.2	5.0	0.5	51	0.17
1067287	Drill Core	2.90	0.008	1.2	30.4	3.4	132	<0.1	6.8	4.9	165	4.03	506.1	4.4	5.0	37	0.3	10.2	0.5	47	0.10
1067288	Drill Core	3.77	<0.005	1.0	27.5	6.7	114	<0.1	4.5	3.4	164	3.79	727.2	2.7	3.9	34	0.6	15.6	0.4	43	0.27
1067289	Drill Core	2.59	<0.005	1.6	21.7	3.9	82	<0.1	5.5	4.8	118	3.26	515.7	1.8	6.5	26	0.3	16.4	0.4	43	0.11
1067290	Drill Core	3.24	<0.005	2.2	32.3	4.2	143	<0.1	7.9	6.3	175	4.54	854.6	3.1	2.6	47	0.6	16.9	0.7	71	0.19

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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
1067261	Drill Core	0.089	2	23	0.85	31	0.169	1	1.32	0.183	0.11	0.1	<0.01	6.2	<0.1	0.07	4	<0.5	0.2
1067262	Drill Core	0.095	2	25	0.68	9	0.158	1	1.07	0.194	0.09	<0.1	<0.01	6.5	<0.1	0.26	3	<0.5	0.5
1067263	Drill Core	0.085	2	21	0.59	25	0.150	1	0.97	0.165	0.11	0.1	<0.01	5.5	<0.1	0.14	3	<0.5	0.6
1067264	Drill Core	0.089	2	41	1.14	28	0.196	<1	1.62	0.119	0.10	0.3	0.02	7.7	<0.1	0.40	5	0.9	1.7
1067265	Rock Pulp	0.051	8	44	0.72	125	0.133	3	1.77	0.207	0.26	0.4	0.01	2.8	<0.1	0.12	5	1.6	0.6
1067266	Drill Core	0.089	2	38	1.01	17	0.170	<1	1.68	0.159	0.11	0.1	<0.01	8.1	<0.1	0.14	5	0.8	0.4
1067267	Drill Core	0.097	2	52	1.10	14	0.166	<1	1.80	0.139	0.09	0.2	<0.01	9.9	<0.1	0.12	6	1.0	0.9
1067268	Drill Core	0.093	1	40	0.83	27	0.146	1	1.65	0.122	0.10	0.1	<0.01	8.4	<0.1	0.10	5	0.6	4.5
1067269	Drill Core	0.097	1	35	0.95	39	0.179	<1	1.73	0.179	0.13	0.2	<0.01	8.3	<0.1	0.15	5	0.7	4.9
1067270	Drill Core	0.096	3	49	1.78	28	0.191	1	2.02	0.132	0.09	0.3	<0.01	10.9	<0.1	<0.05	7	0.7	<0.2
1067271	Drill Core	0.033	6	10	0.93	87	0.164	<1	1.32	0.153	0.53	0.2	<0.01	4.3	0.1	<0.05	5	0.8	<0.2
1067272	Drill Core	0.011	10	4	0.77	100	0.105	<1	1.10	0.091	0.64	<0.1	<0.01	2.5	0.2	<0.05	4	0.7	<0.2
1067273	Drill Core	0.067	12	27	1.41	444	0.214	<1	1.99	0.073	1.21	<0.1	<0.01	9.8	0.2	<0.05	8	0.9	<0.2
1067274	Drill Core	0.014	9	7	0.55	68	0.063	<1	0.89	0.074	0.29	<0.1	<0.01	2.5	<0.1	<0.05	4	<0.5	0.2
1067275	Rock	0.009	<1	<1	9.60	11	0.001	<1	0.02	0.002	0.01	<0.1	<0.01	0.2	<0.1	0.05	<1	0.6	<0.2
1067276	Drill Core	0.036	8	16	0.80	313	0.132	<1	1.71	0.048	0.75	<0.1	<0.01	6.9	0.2	0.09	7	1.2	<0.2
1067277	Drill Core	0.023	9	7	0.21	103	0.012	<1	0.55	0.067	0.12	0.2	<0.01	1.7	0.1	0.08	3	1.1	0.3
1067278	Drill Core	0.037	9	10	0.52	407	0.092	<1	1.35	0.056	0.52	0.2	<0.01	5.6	0.1	0.18	5	1.2	<0.2
1067279	Drill Core	0.032	10	7	0.40	199	0.044	<1	2.00	0.054	0.24	<0.1	<0.01	4.3	0.1	0.09	6	0.6	<0.2
1067280	Drill Core	0.030	11	15	0.60	217	0.064	<1	1.57	0.067	0.45	<0.1	<0.01	5.7	0.2	0.29	6	1.4	<0.2
1067281	Drill Core	0.017	12	11	0.25	163	0.024	<1	0.81	0.037	0.26	<0.1	<0.01	2.2	0.3	0.57	3	2.5	<0.2
1067282	Drill Core	0.029	15	9	0.18	250	0.011	<1	0.60	0.058	0.31	<0.1	<0.01	1.7	0.2	0.52	3	1.9	0.2
1067283	Drill Core	0.051	17	7	0.12	195	0.002	<1	0.52	0.123	0.29	0.1	<0.01	1.7	0.2	0.67	3	2.7	<0.2
1067284	Drill Core	0.038	10	14	0.45	152	0.057	1	1.23	0.097	0.33	<0.1	<0.01	5.2	0.3	0.55	5	2.3	<0.2
1067285	Rock Pulp	0.053	7	46	0.77	131	0.125	4	1.86	0.224	0.30	0.4	<0.01	3.6	<0.1	0.13	5	2.8	1.1
1067286	Drill Core	0.048	12	5	0.40	68	0.046	<1	0.91	0.133	0.19	0.2	<0.01	3.5	0.1	1.04	5	1.3	0.3
1067287	Drill Core	0.069	12	6	0.30	154	0.045	2	0.96	0.142	0.45	0.2	<0.01	6.7	0.2	0.73	6	2.5	<0.2
1067288	Drill Core	0.066	12	6	0.36	112	0.032	<1	1.12	0.123	0.30	<0.1	<0.01	7.9	0.3	0.56	6	1.4	<0.2
1067289	Drill Core	0.038	12	8	0.40	82	0.022	1	0.98	0.117	0.25	<0.1	<0.01	5.2	0.2	0.59	4	1.7	<0.2
1067290	Drill Core	0.051	5	12	0.86	112	0.017	<1	1.55	0.135	0.29	0.1	<0.01	8.1	0.3	0.66	6	1.2	0.2

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Project: Charlotte Project
Report Date: November 08, 2011

CERTIFICATE OF ANALYSIS WHI11001777.1

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
1067291	Drill Core	4.67	<0.005	1.6	23.4	6.8	100	<0.1	5.2	8.5	183	4.92	505.8	3.5	2.1	40	0.5	6.6	0.8	77	0.14
1067292	Drill Core	4.95	<0.005	1.3	48.4	2.7	187	<0.1	13.9	10.2	194	6.19	1068	3.7	0.7	73	1.5	10.7	0.8	118	0.26
1067293	Drill Core	0.73	0.221	0.9	28.6	448.7	229	0.9	7.4	6.9	123	5.67	1247	240.9	0.8	97	1.4	44.7	0.8	81	0.22
1067294	Drill Core	4.75	0.819	2.6	63.1	942.9	270	7.4	2.5	2.1	42	3.85	1915	993.6	0.6	33	2.6	84.0	1.1	12	0.06
1067295	Drill Core	2.70	1.197	2.6	39.9	736.3	140	6.1	2.3	2.2	37	3.93	1300	1307	0.9	44	2.0	65.8	1.0	13	0.07
1067296	Drill Core	4.23	0.120	2.0	80.3	44.0	477	0.9	5.5	4.0	129	4.12	1318	134.5	4.7	53	5.0	39.5	0.5	34	0.16
1067297	Drill Core	3.13	0.024	0.3	36.2	14.8	617	0.4	10.9	19.6	2311	4.10	187.3	23.0	3.2	59	3.7	20.6	0.2	66	2.29
1067298	Drill Core	2.31	0.011	0.1	6.7	11.2	127	0.4	3.0	7.2	1661	2.35	151.1	9.4	5.3	73	0.9	10.3	<0.1	13	2.54
1067299	Drill Core	1.64	<0.005	<0.1	9.0	5.4	306	<0.1	3.4	9.0	938	3.10	73.4	6.9	6.1	32	0.9	9.6	0.2	43	1.30
1067300	Drill Core	3.31	<0.005	<0.1	8.3	6.3	74	<0.1	2.0	7.1	499	2.75	83.8	5.5	4.7	32	0.2	9.8	0.2	49	0.87
1067301	Drill Core	4.55	0.006	0.3	50.7	10.4	80	0.2	7.7	14.1	746	3.46	56.0	7.9	1.5	31	0.3	3.1	0.2	112	1.89
1067302	Drill Core	4.71	0.011	0.3	97.2	10.8	91	0.3	10.9	22.8	947	4.07	26.0	7.8	0.8	29	0.3	4.8	0.2	130	1.73

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CERTIFICATE OF ANALYSIS WHI11001777.1

	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
1067291	Drill Core	0.041	4	6	0.74	77	0.025	3	1.49	0.120	0.36	0.2	<0.01	6.7	0.3	1.49	6	2.8	<0.2
1067292	Drill Core	0.053	3	19	1.15	31	0.016	<1	1.99	0.200	0.32	<0.1	<0.01	12.2	0.5	1.53	6	2.6	0.2
1067293	Drill Core	0.049	3	15	0.26	111	0.003	5	0.87	0.078	0.54	0.1	0.02	9.8	2.6	1.10	5	1.7	0.3
1067294	Drill Core	0.024	3	3	0.03	45	<0.001	9	0.25	0.009	0.50	0.2	0.42	3.0	2.7	2.04	2	2.8	0.3
1067295	Drill Core	0.024	4	4	0.03	52	<0.001	8	0.26	0.011	0.57	0.2	0.34	2.5	2.5	1.97	2	2.3	0.3
1067296	Drill Core	0.058	10	6	0.06	190	<0.001	3	0.64	0.010	0.54	0.1	0.15	10.1	1.4	0.77	2	1.3	0.2
1067297	Drill Core	0.075	10	5	0.91	51	0.004	3	1.18	0.006	0.23	0.3	0.11	10.6	0.7	0.87	3	0.5	<0.2
1067298	Drill Core	0.088	13	2	0.78	51	0.003	3	0.70	0.005	0.28	<0.1	0.09	3.5	1.0	1.16	2	1.2	<0.2
1067299	Drill Core	0.094	18	6	0.91	106	0.066	2	2.11	0.013	0.56	<0.1	0.11	5.2	0.9	0.11	7	<0.5	<0.2
1067300	Drill Core	0.092	10	7	0.96	146	0.089	1	2.12	0.031	0.60	<0.1	0.01	4.3	0.3	0.27	7	<0.5	<0.2
1067301	Drill Core	0.067	5	8	1.30	192	0.157	2	2.03	0.111	0.63	<0.1	0.02	8.4	0.2	0.36	7	<0.5	<0.2
1067302	Drill Core	0.066	4	8	1.46	137	0.114	1	2.07	0.063	0.61	<0.1	0.02	9.1	0.3	0.63	7	<0.5	<0.2

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Report Date: November 08, 2011

QUALITY CONTROL REPORT WHI11001777.1

	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																					
REP G1	QC		<0.005																		
1067239	Drill Core	4.58	0.019	3.6	36.6	28.0	53	1.1	4.0	11.3	258	3.64	92.5	18.0	7.1	115	0.3	5.9	0.6	73	1.61
REP 1067239	QC			3.7	38.3	28.5	53	1.2	3.9	11.4	259	3.69	92.0	19.4	7.4	119	0.3	6.5	0.6	75	1.65
1067255	Drill Core	3.44	<0.005	1.3	12.5	3.6	25	<0.1	3.8	8.4	300	2.32	0.7	1.5	2.4	27	<0.1	0.1	0.2	77	0.48
REP 1067255	QC			1.3	12.6	3.5	25	<0.1	3.9	8.2	292	2.29	0.7	2.2	2.3	26	<0.1	<0.1	0.2	75	0.47
1067261	Drill Core	6.78	<0.005	0.2	33.8	2.3	31	<0.1	16.4	12.0	399	2.02	1.7	5.2	0.5	15	<0.1	0.3	0.5	71	1.58
REP 1067261	QC		0.006																		
1067274	Drill Core	4.12	<0.005	0.6	4.0	3.8	43	<0.1	3.4	2.3	166	1.48	23.1	0.8	7.4	8	0.1	0.8	0.3	14	0.12
REP 1067274	QC			0.5	3.8	3.6	43	<0.1	3.7	2.2	168	1.48	22.6	1.2	7.3	8	0.1	0.8	0.3	14	0.12
1067290	Drill Core	3.24	<0.005	2.2	32.3	4.2	143	<0.1	7.9	6.3	175	4.54	854.6	3.1	2.6	47	0.6	16.9	0.7	71	0.19
REP 1067290	QC			2.0	32.4	4.2	147	<0.1	7.9	6.1	177	4.50	869.5	3.3	2.5	48	0.7	17.1	0.7	70	0.17
Core Reject Duplicates																					
1067257	Drill Core	5.50	<0.005	0.2	12.4	2.3	26	<0.1	2.0	4.6	227	2.41	<0.5	1.3	2.8	10	<0.1	<0.1	0.2	40	0.23
DUP 1067257	QC		<0.005	0.2	11.3	2.4	26	<0.1	1.8	4.9	227	2.44	<0.5	<0.5	2.6	10	<0.1	<0.1	0.2	41	0.25
1067292	Drill Core	4.95	<0.005	1.3	48.4	2.7	187	<0.1	13.9	10.2	194	6.19	1068	3.7	0.7	73	1.5	10.7	0.8	118	0.26
DUP 1067292	QC		0.005	1.4	43.4	2.4	170	<0.1	13.2	9.3	182	5.44	954.4	2.6	0.7	68	1.4	9.2	0.7	108	0.24
Reference Materials																					
STD DS8	Standard			13.3	106.9	121.6	303	1.7	36.6	7.3	605	2.42	24.7	111.9	7.1	67	2.5	6.0	6.9	42	0.71
STD DS8	Standard			13.2	104.5	120.3	295	1.8	37.8	7.2	589	2.44	24.9	107.1	6.9	67	2.5	5.2	6.6	40	0.70
STD DS8	Standard			13.4	108.7	125.2	310	1.8	38.6	7.5	601	2.47	21.5	113.5	7.1	63	2.2	5.4	6.2	40	0.71
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 OXH82	Standard		1.314																		
STD OXH82	Standard		1.285																		
STD OXH82	Standard		1.259																		
STD OXK79	Standard		3.735																		
STD OXK79	Standard		3.689																		
STD OXK79	Standard		3.544																		
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

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QUALITY CONTROL REPORT WHI11001777.1

	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																			
REP G1	QC																		
1067239	Drill Core	0.063	10	4	1.12	55	0.131	2	2.53	0.237	0.31	3.8	<0.01	4.5	0.2	1.73	7	1.2	<0.2
REP 1067239	QC	0.066	11	4	1.14	64	0.137	3	2.66	0.246	0.32	4.1	<0.01	4.5	0.3	1.76	7	1.2	<0.2
1067255	Drill Core	0.028	4	3	1.21	158	0.162	<1	1.44	0.080	0.81	0.2	<0.01	9.5	0.2	0.64	6	0.5	<0.2
REP 1067255	QC	0.028	4	3	1.19	156	0.159	<1	1.42	0.078	0.80	0.3	<0.01	9.3	0.2	0.63	7	0.5	<0.2
1067261	Drill Core	0.089	2	23	0.85	31	0.169	1	1.32	0.183	0.11	0.1	<0.01	6.2	<0.1	0.07	4	<0.5	0.2
REP 1067261	QC																		
1067274	Drill Core	0.014	9	7	0.55	68	0.063	<1	0.89	0.074	0.29	<0.1	<0.01	2.5	<0.1	<0.05	4	<0.5	0.2
REP 1067274	QC	0.014	10	7	0.55	67	0.062	<1	0.88	0.069	0.29	<0.1	<0.01	2.4	<0.1	<0.05	4	0.9	<0.2
1067290	Drill Core	0.051	5	12	0.86	112	0.017	<1	1.55	0.135	0.29	0.1	<0.01	8.1	0.3	0.66	6	1.2	0.2
REP 1067290	QC	0.050	5	12	0.85	107	0.016	<1	1.51	0.135	0.29	0.1	<0.01	7.8	0.3	0.67	6	1.6	<0.2
Core Reject Duplicates																			
1067257	Drill Core	0.035	5	2	0.79	109	0.161	<1	1.17	0.113	0.69	0.3	<0.01	8.9	0.1	0.80	6	0.7	<0.2
DUP 1067257	QC	0.035	5	2	0.81	101	0.167	<1	1.18	0.124	0.70	0.3	<0.01	9.4	0.1	0.87	6	0.5	<0.2
1067292	Drill Core	0.053	3	19	1.15	31	0.016	<1	1.99	0.200	0.32	<0.1	<0.01	12.2	0.5	1.53	6	2.6	0.2
DUP 1067292	QC	0.045	3	17	1.06	36	0.017	1	1.86	0.176	0.28	0.1	<0.01	11.1	0.5	1.34	5	1.8	<0.2
Reference Materials																			
STD DS8	Standard	0.080	17	113	0.60	278	0.120	3	0.92	0.088	0.43	3.1	0.19	2.2	5.3	0.16	5	4.9	5.2
STD DS8	Standard	0.073	16	110	0.60	267	0.117	1	0.97	0.108	0.42	2.8	0.20	2.6	5.2	0.16	5	6.1	4.8
STD DS8	Standard	0.077	16	117	0.60	268	0.116	2	0.93	0.090	0.41	3.0	0.22	2.1	5.5	0.16	5	5.1	5.0
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 OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXK79	Standard																		
STD OXK79	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

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QUALITY CONTROL REPORT WHI11001777.1

		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 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			<0.1	<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		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
Prep Wash																					
G1	Prep Blank			0.1	2.0	3.2	42	<0.1	1.9	3.4	525	1.83	<0.5	3.0	5.5	57	<0.1	<0.1	<0.1	36	0.46
G1	Prep Blank		<0.005	0.1	2.3	3.5	45	<0.1	2.3	3.8	539	1.87	<0.5	1.6	5.9	61	<0.1	<0.1	<0.1	37	0.47
G1	Prep 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: Charlotte Project
Report Date: November 08, 2011

QUALITY CONTROL REPORT WHI11001777.1

		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
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	<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	<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																		
BLK	Blank																		
Prep Wash																			
G1	Prep Blank	0.070	13	4	0.46	143	0.115	1	0.90	0.094	0.47	<0.1	<0.01	2.0	0.2	<0.05	5	<0.5	<0.2
G1	Prep Blank	0.073	14	4	0.48	158	0.119	2	0.87	0.085	0.47	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2
G1	Prep 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.

Appendix IV

Cross Sections

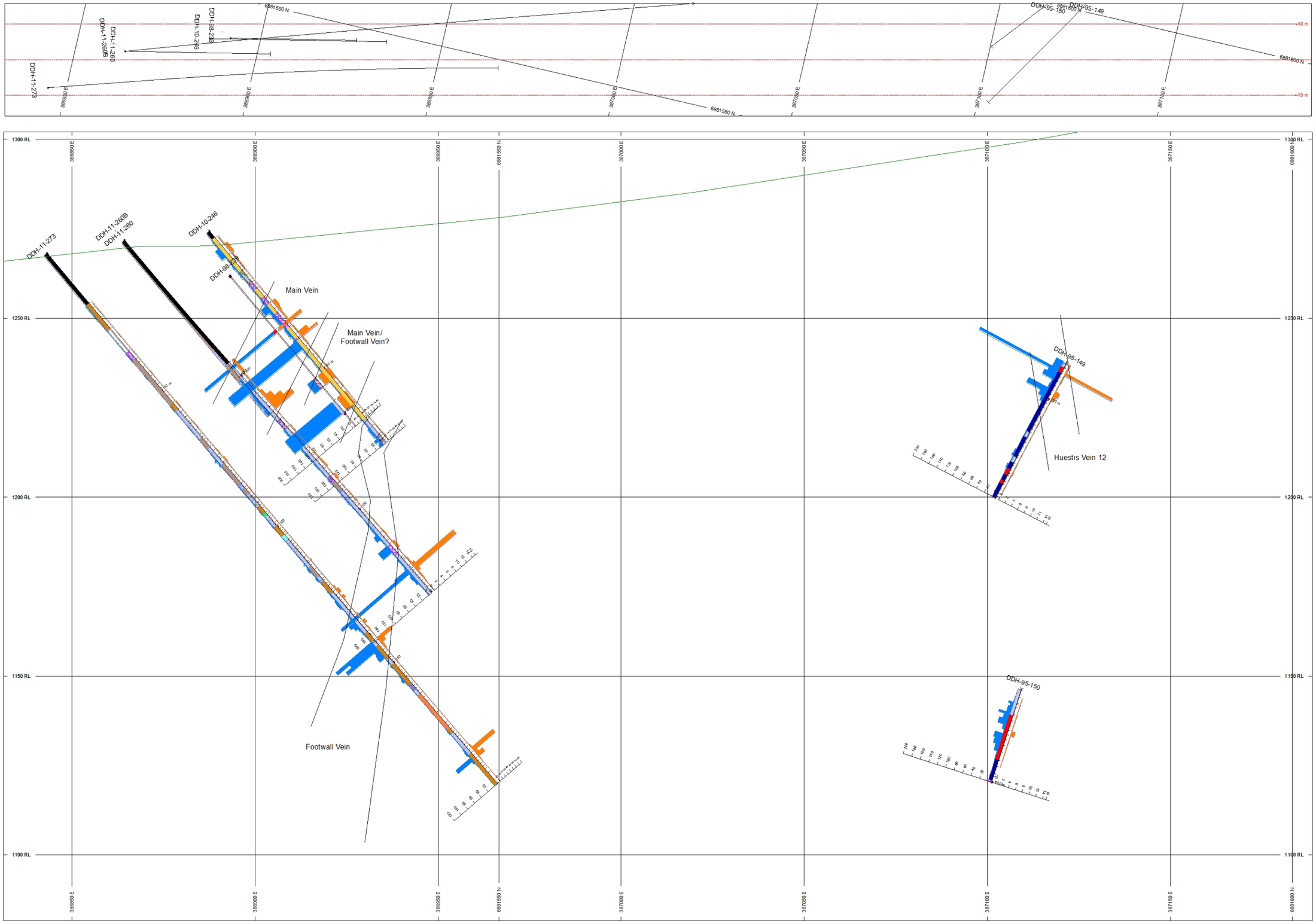
List of cross sections in pockets:

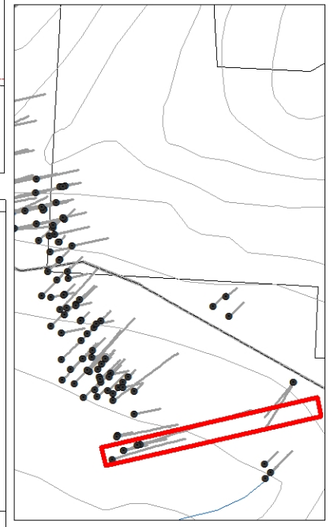
Flex Zone:

- Section FZ 081
- Section FZ 083 (1:500)
- Section FZ 083 (1:1000)
- Section FZ 085
- Section FZ 086-087
- Section FZ 088
- Section FZ 089-090
- Section FZ 091
- Section FZ 092-093
- Section FZ 094
- Section FZ 095
- Section FZ 096-097
- Section FZ 0098-099
- Section FZ 100-101
- Section FZ 102
- Section FZ 103
- Section FZ 104-105
- Section FZ 106
- Section FZ 108
- Section FZ 110
- Section FZ 112

Orloff-King Zone:

- Section OK01
- Section OK02
- Section OK03





Drill hole
DH Trace
33 m contour
Stream
Road
Claim Outline

Section: FZ081

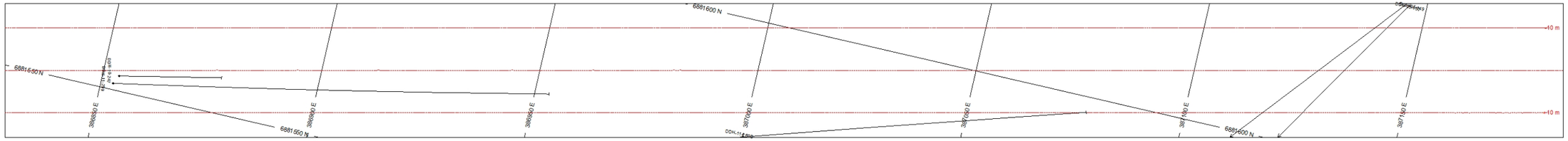
TOPOGRAPHY
Surface.BT2

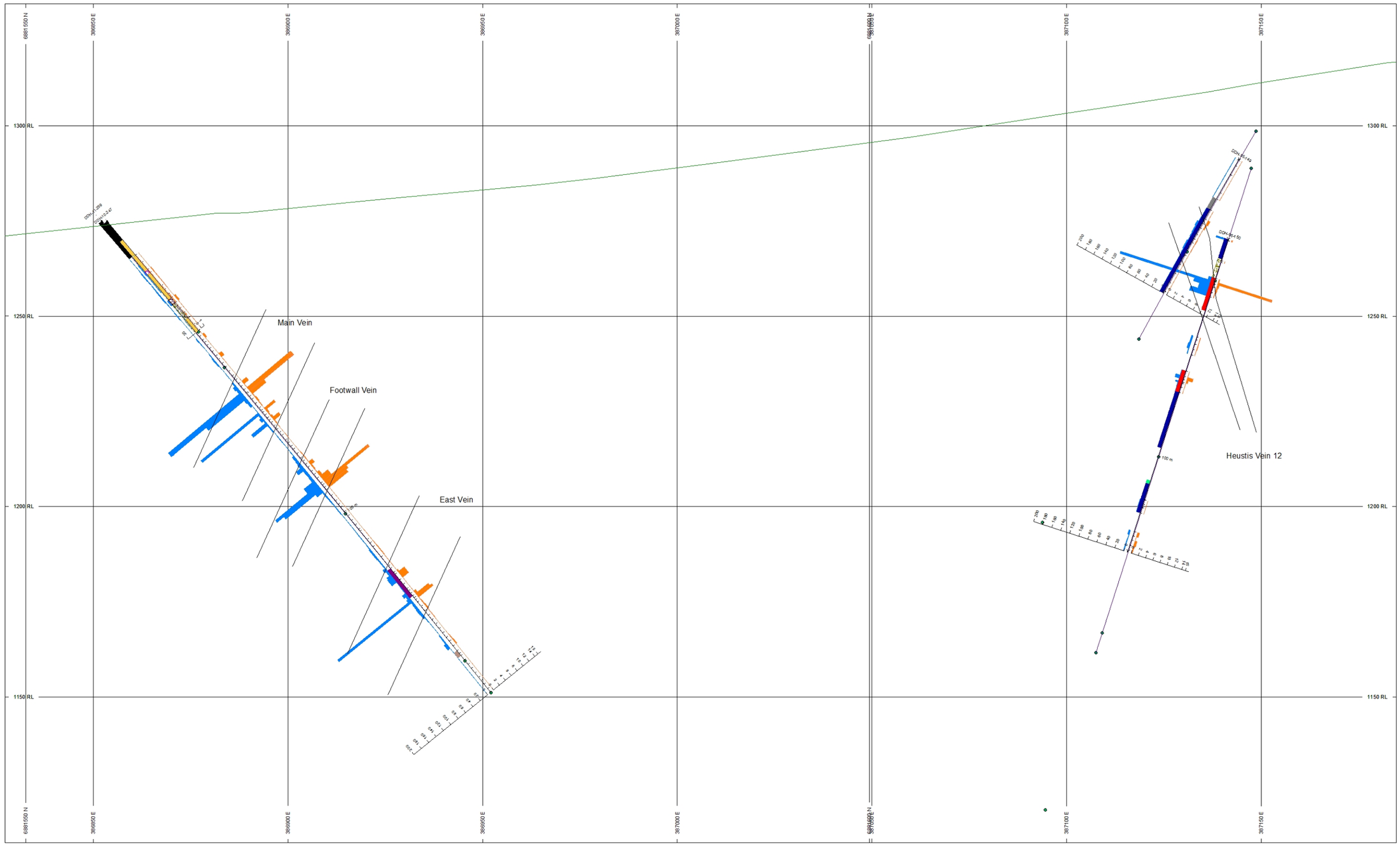
BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

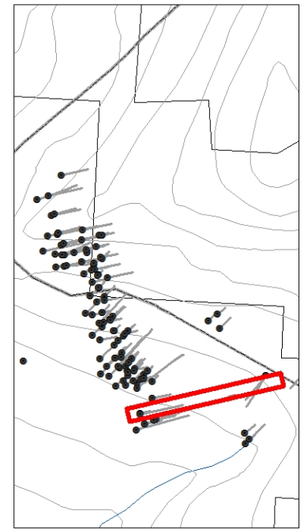
ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
		AMP	amphibolite
		CLY	clay
		FP	Feldspar Porphyry
		MGn	Mafic Gneiss
		FGn	Brecciated Felsic Gneiss
		LAT	Latite
		Dk	Dyke
		FZ?	Fault Zone
		Cas	Casing
		GN	Gneiss
		Gd?	
		MetaR	
		QP	Quartz Porphyry
		QFP	QF Porphyry
		UK	Unknown
		VN	Vein
		FPD	Feldspar Dyke

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 77°
N
W E
S







- Drill hole
- DH Trace
- 33 m contour
- Stream
- Road
- Claim Outline

Section: FZ 083

TOPOGRAPHY
Surface.BT2

BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

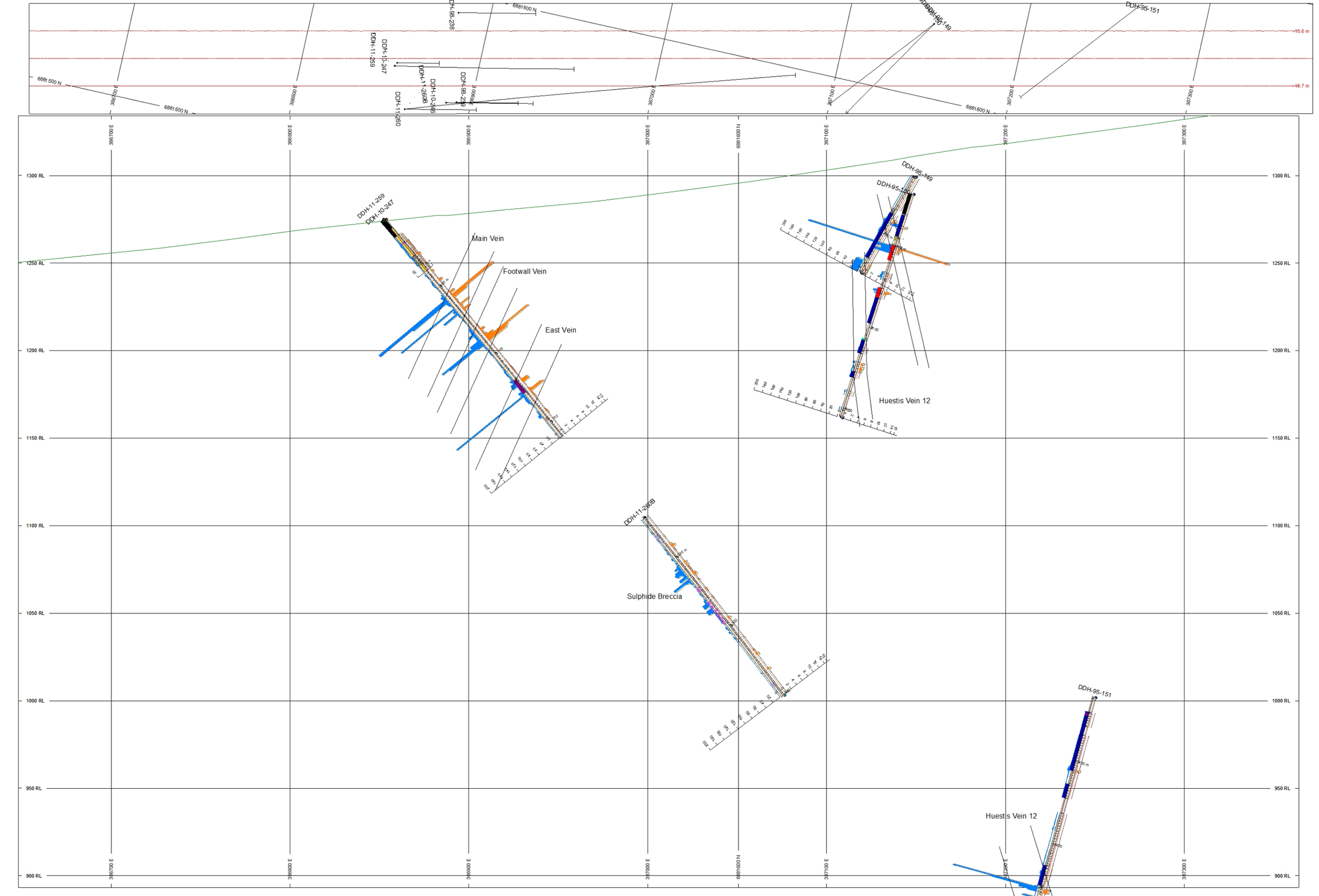
ROCK CODES	PAT	LABEL	DESCRIPTION
LITHOCODE		AMP	amphibolite
		CLY	clay
		MGn	Mafic Gneiss
		Dk	Dyke
		FZ?	Fault Zone
		Cas	Casing
		GN	Gneiss
		MetaR	
		OB	
		QFP	QF Porphyry
		UK	Unknown
		VN	Vein

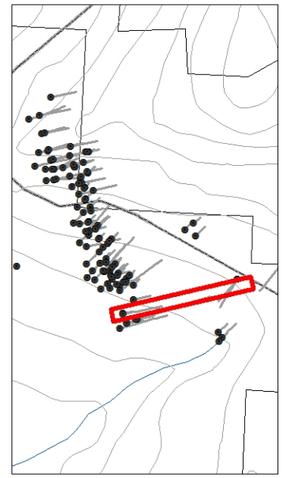
SECTION SPECS:

REF. PT. E, N	387006 m	6881590 m
EXTENTS	366.7 m	220.4 m
SECTION TOP, BOT	1332 m	1112 m
TOLERANCE +/-	10 m	

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 77°
N
W E
S





Drill hole
DH Trace
33 m contour
Stream
Road
Claim Outline

Section: FZ 083

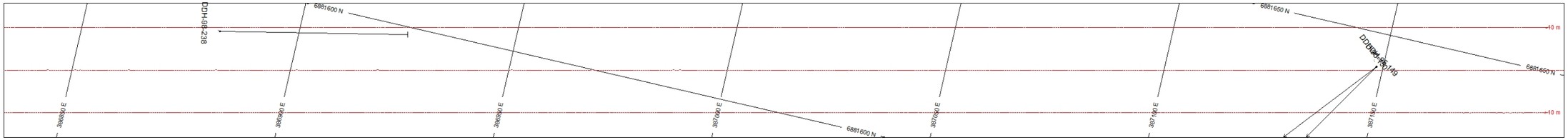
TOPOGRAPHY
Surface.BT2

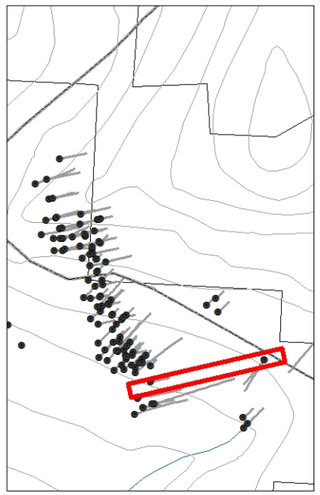
BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

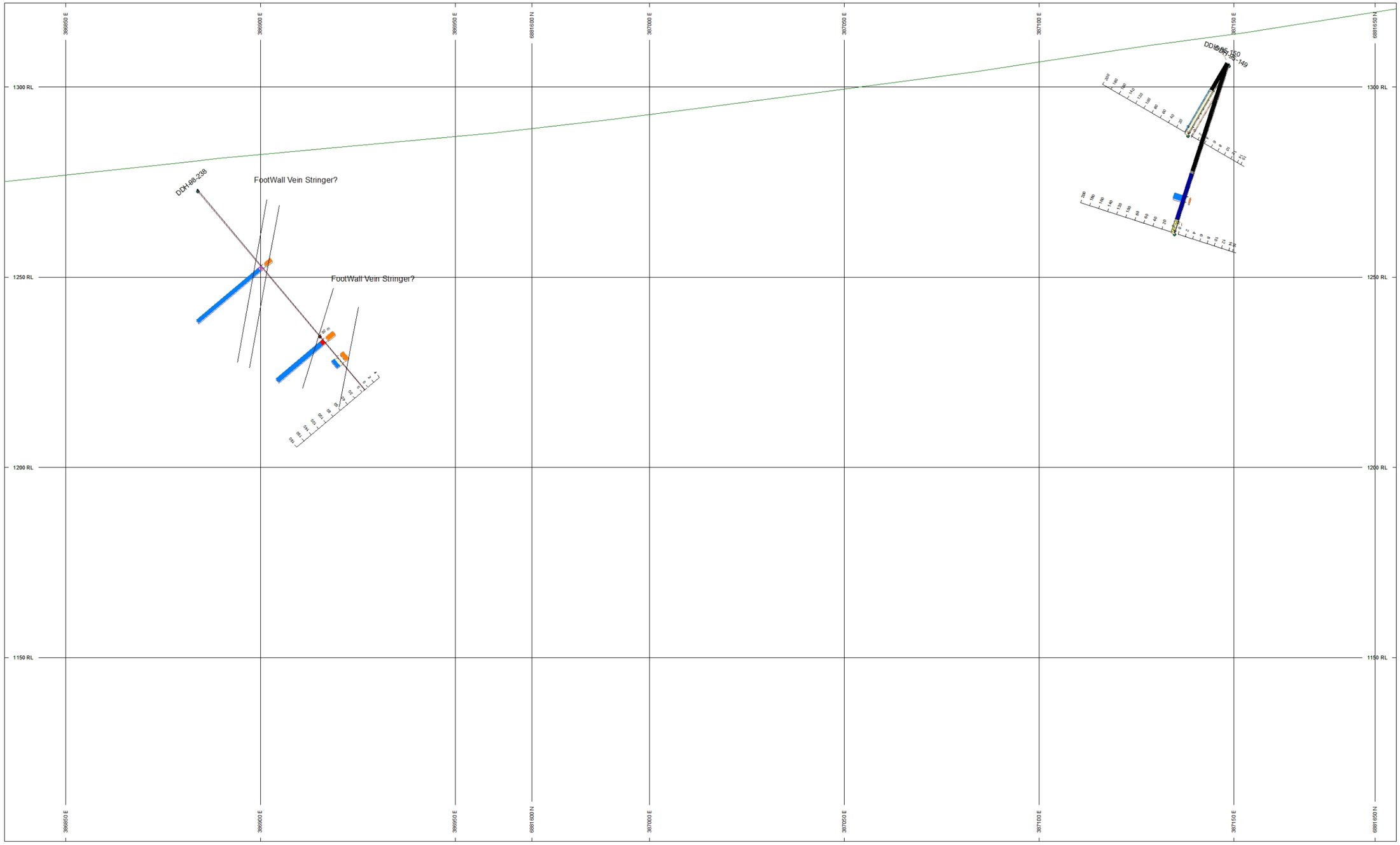
ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
		AMP	amphibolite
		CLY	clay
		FP	Feldspar Porphyry
		MGn	Mafic Gneiss
		Dk	Dyke
		FZ?	Fault Zone
		Cas	Casing
		GN	Gneiss
		MetaR	
		OB	
		QP	Quartz Porphyry
		QFP	QF Porphyry
		UK	Unknown
		VN	Vein

SCALE
(m)
-10 0 10 20 30 40
NAD83 / UTM zone 8N

AZIMUTH = 77.4°
N
W
E
S







- Drill hole
- DH Trace
- 33 m contour
- Stream
- Road
- Claim Outline

Section: FZ084

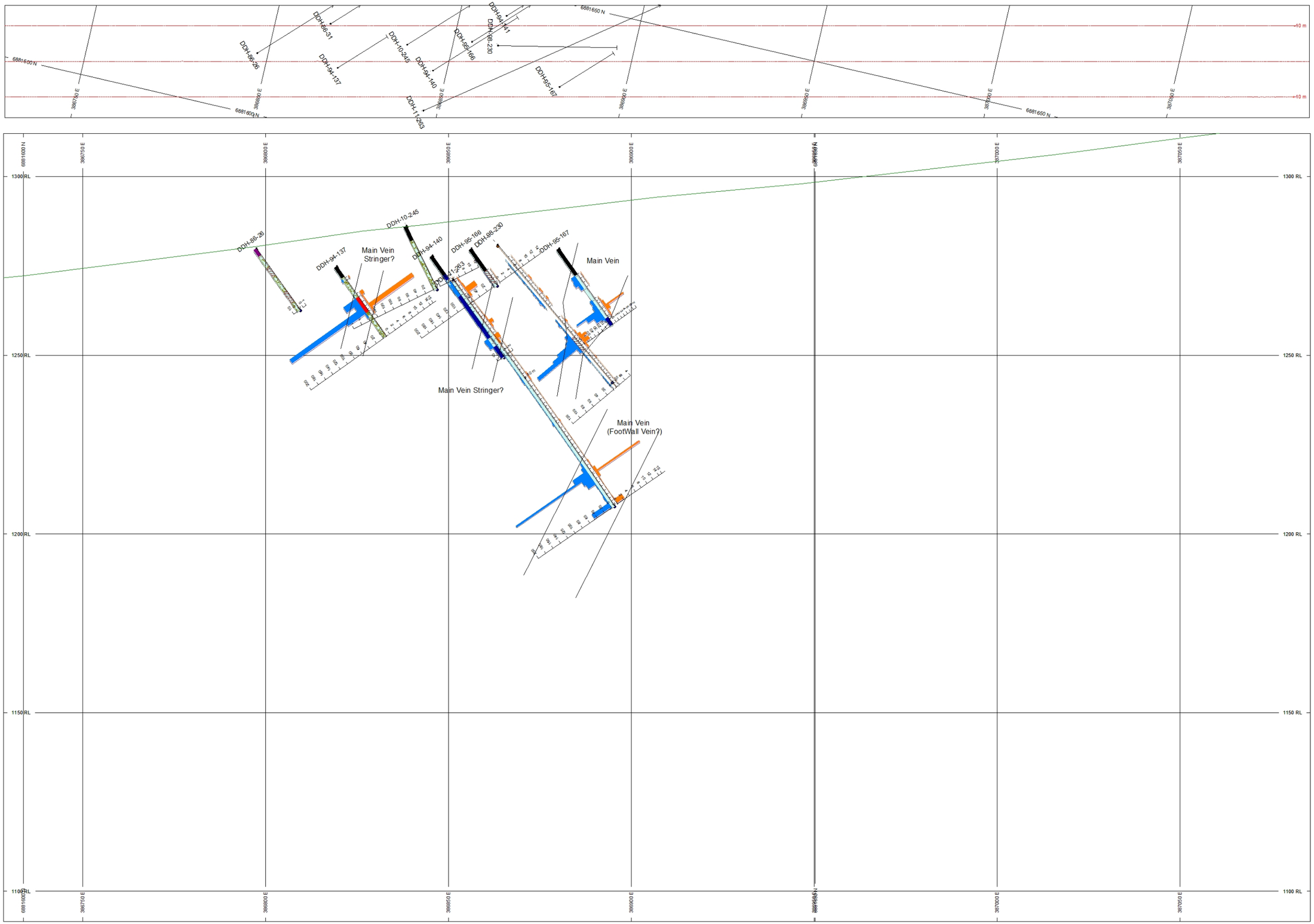
TOPOGRAPHY
Surface.BT2

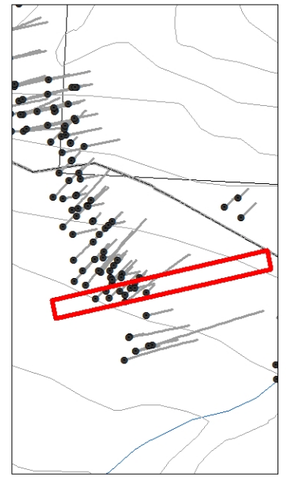
BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

ROCK CODES	PAT	LABEL	DESCRIPTION
LITHOCODE		AMP	amphibolite
		Dk	Dyke
		FZ?	Fault Zone
		Cas	Casing
		MetaR	
		UK	Unknown
		VN	Vein

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 77°
N
W
E
S





Drill hole
DH Trace
33 m contour
Stream
Road
Claim Outline

Section: FZ 086-087

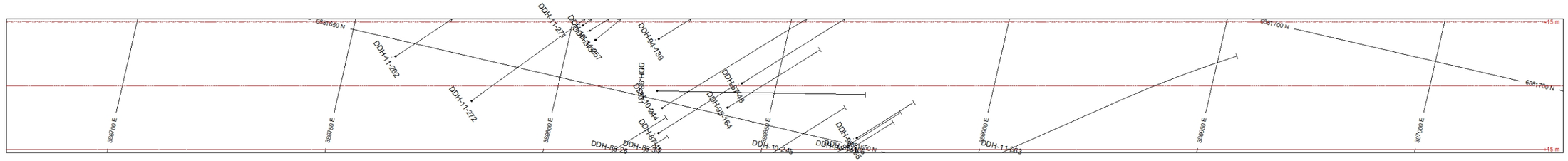
TOPOGRAPHY
Surface.BT2

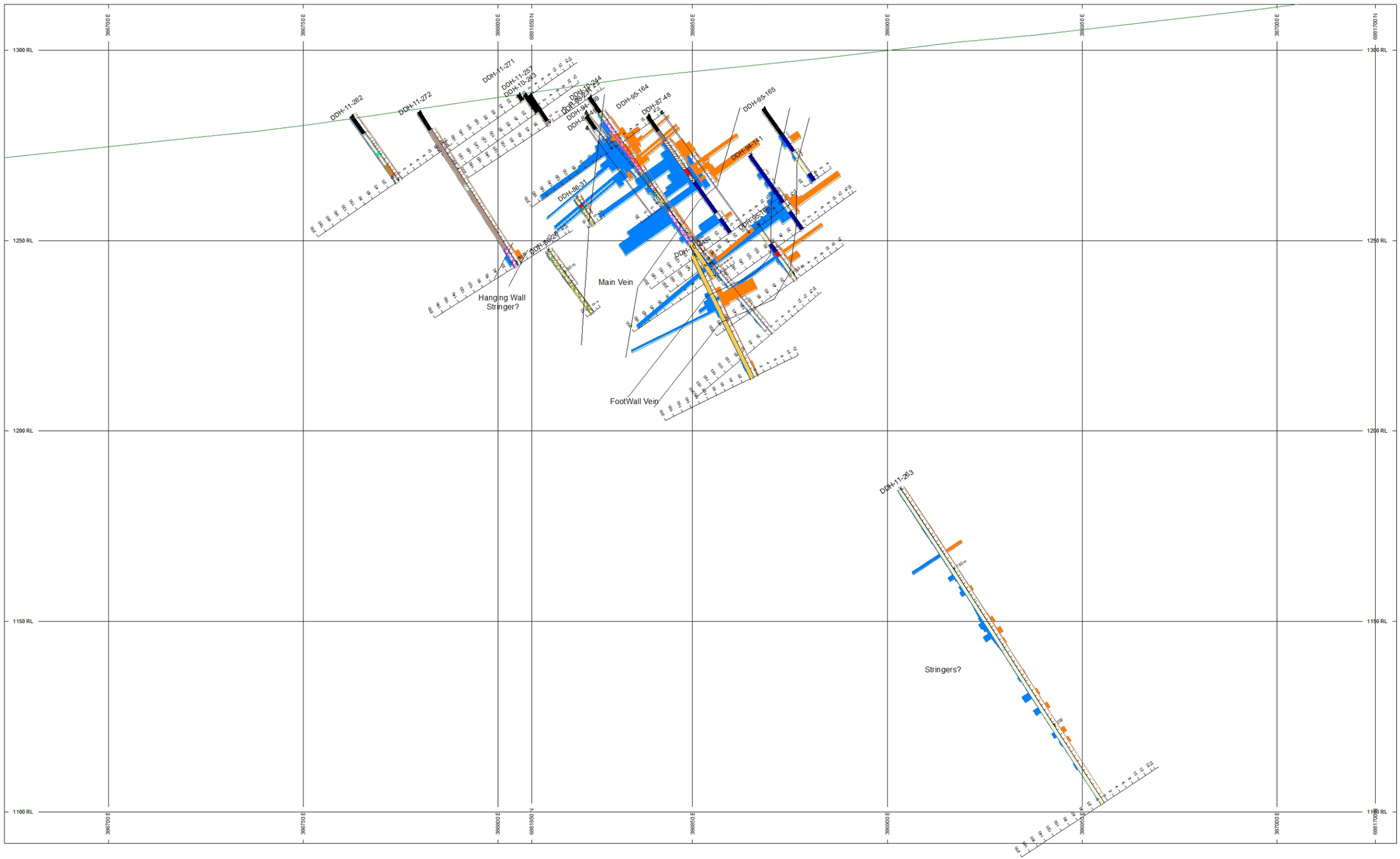
BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

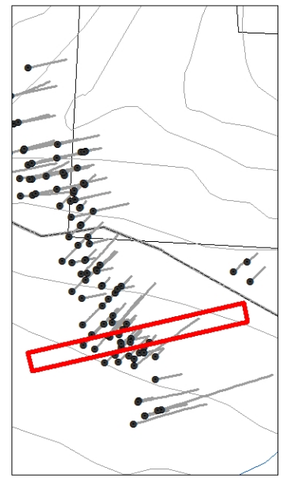
ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
		AMP	amphibolite
		CLY	clay
		Cas	Casing
		GN	Gneiss
		MetaR	
		OB	
		QFP	QF Porphyry
		VN	Vein

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 77°
N
W E
S







Drill hole
DH Trace
33 m contour
Stream
Road
Claim Outline

Section: FZ088

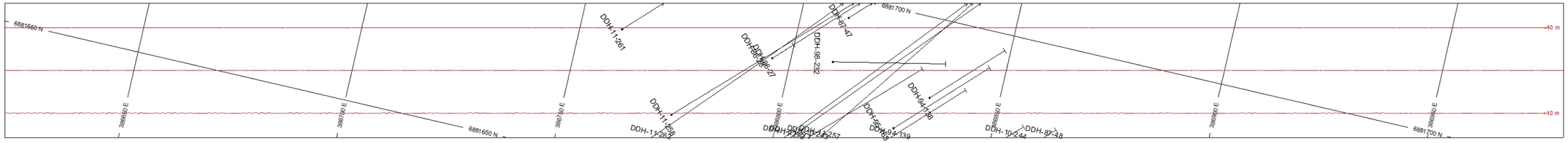
TOPOGRAPHY
Surface.BT2

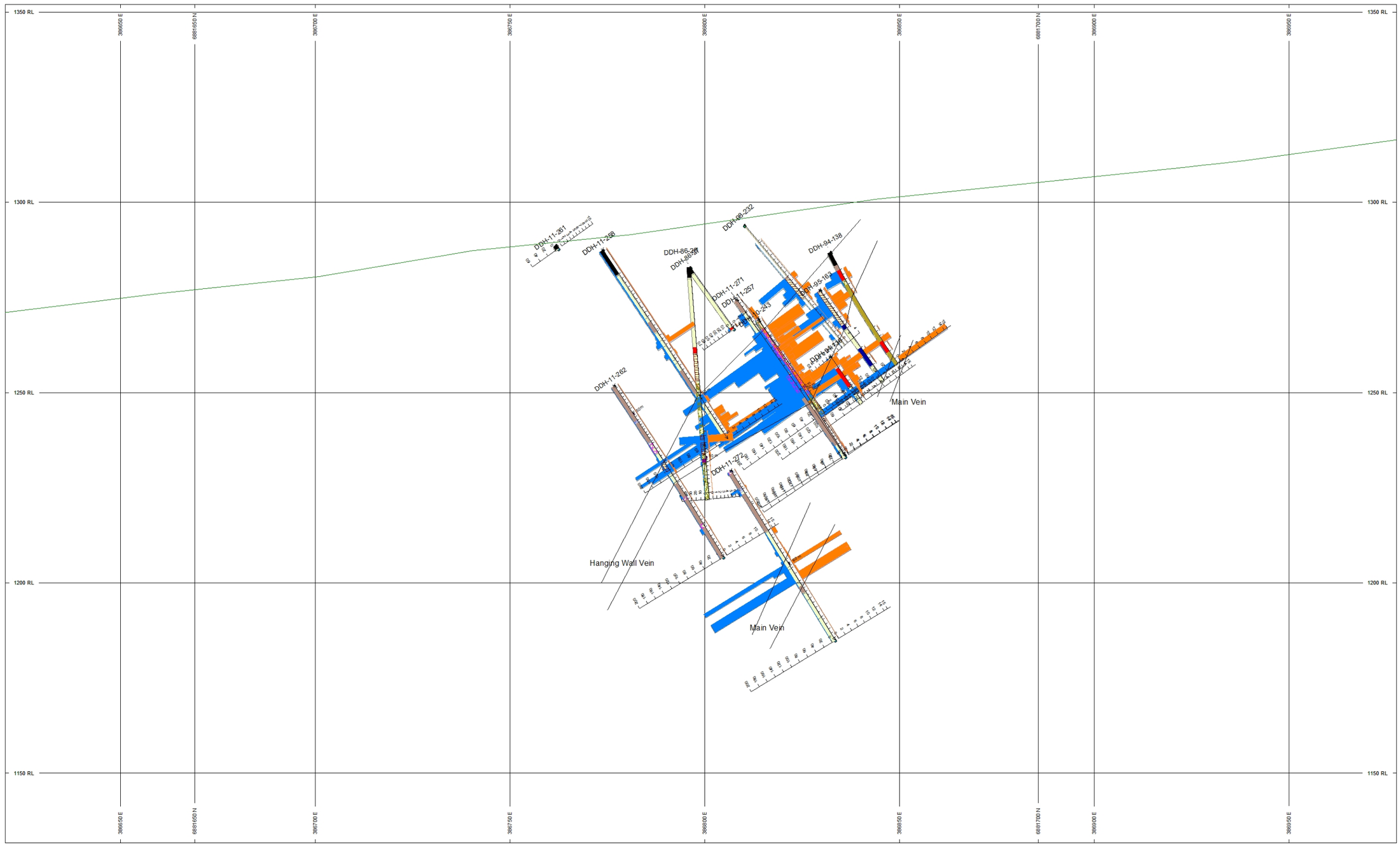
BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

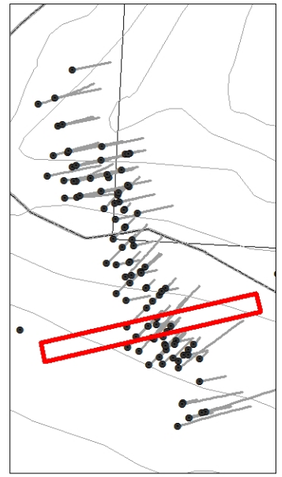
ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
		AMP	amphibolite
		CLY	clay
		FP	Feldspar Porphyry
		MGn	Mafic Gneiss
		FGn	Brecciated Felsic Gneiss
		Dk	Dyke
		FZ?	Fault Zone
		Cas	Casing
		ALZ	Altered zone
		GN	Gneiss
		MetaR	
		OB	
		QFP	QF Porphyry
		UK	Unknown
		VN	Vein

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 77°
N
W E
S







Drill hole
DH Trace
33 m contour
Stream
Road
Claim Outline

Section: FZ089-090

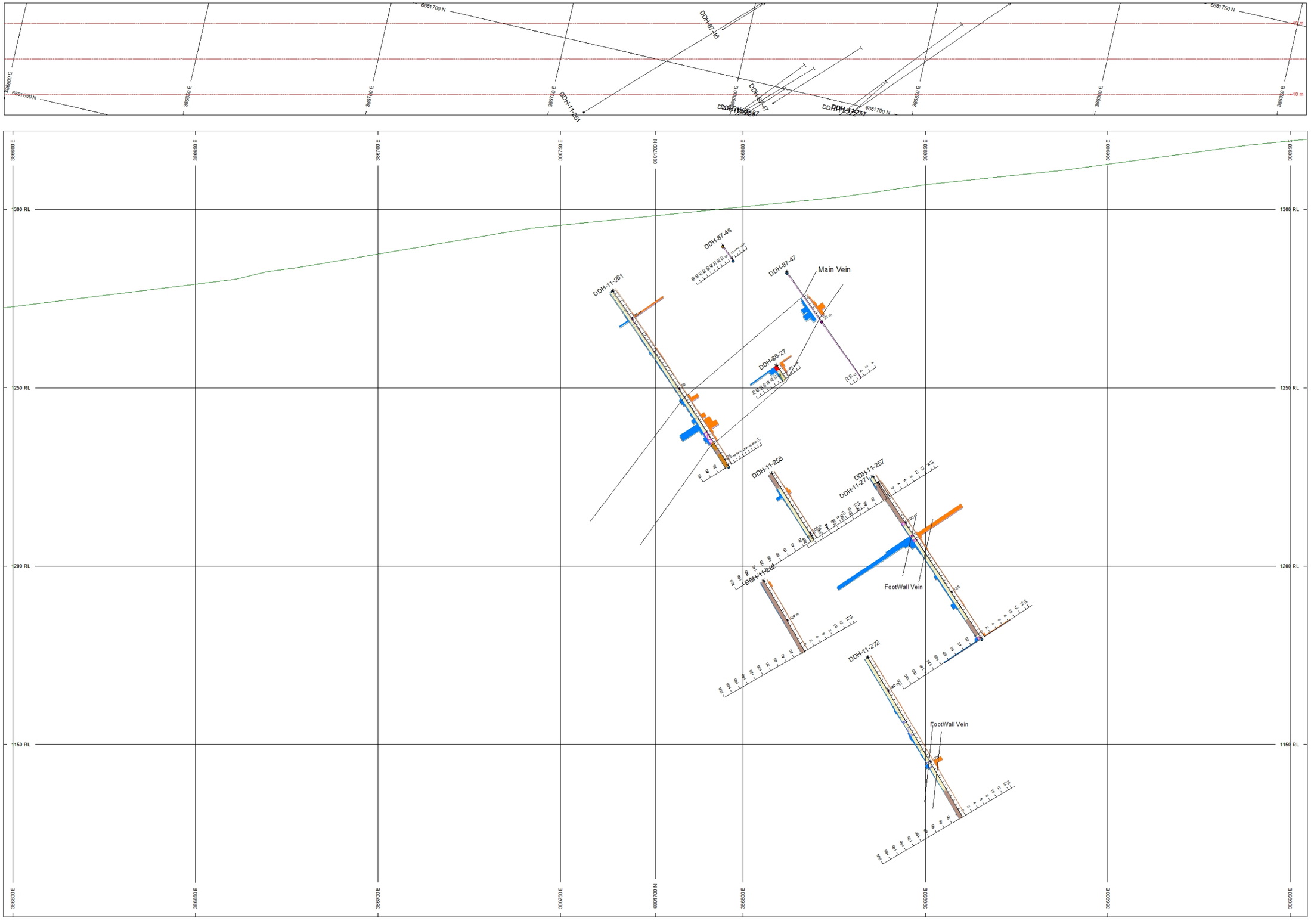
TOPOGRAPHY
Surface.BT2

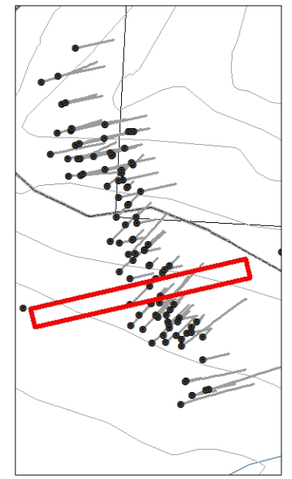
BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
		AMP	amphibolite
		CLY	clay
		FP	Feldspar Porphyry
		MGn	Mafic Gneiss
		FGn	Brecciated Felsic Gneiss
		Dk	Dyke
		FZ?	Fault Zone
		Cas	Casing
		AGn	Altered Gneiss
		ALZ	Altered zone
		GN	Gneiss
		MetaR	
		OB	
		QFP	QF Porphyry
		UK	Unknown
		VN	Vein

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 77°
N
W E
S





Drill hole
DH Trace
33 m contour
Stream
Road
Claim Outline

Section: FZ 091

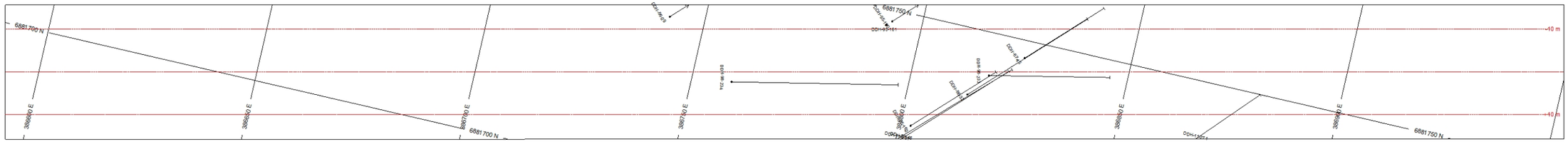
TOPOGRAPHY
Surface.BT2

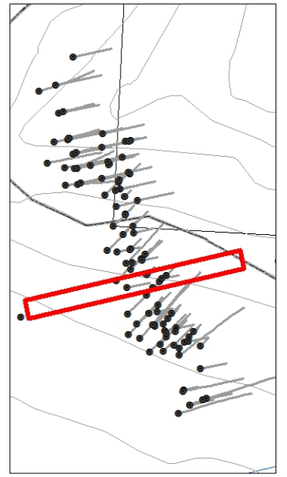
BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

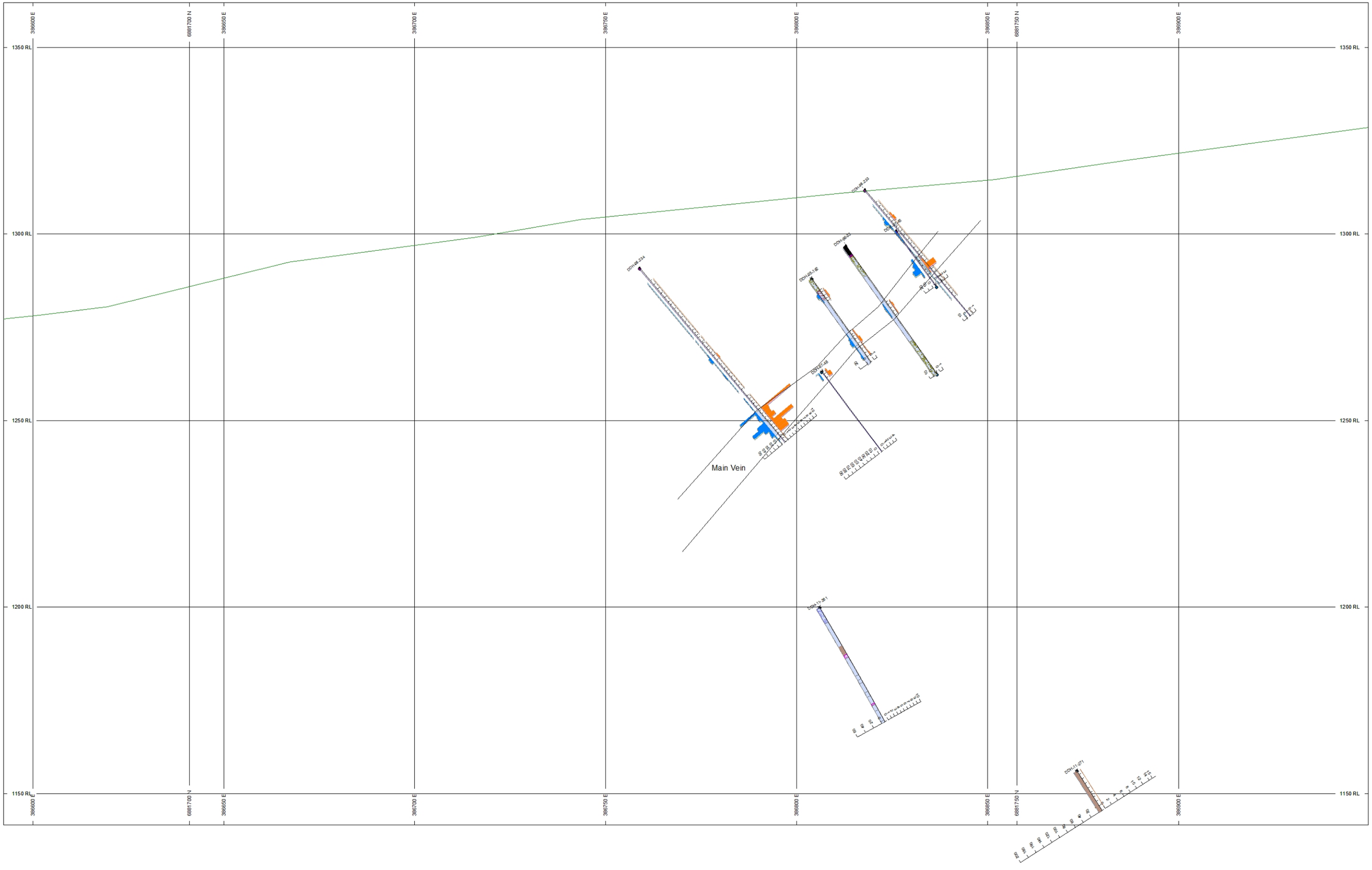
ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
		AMP	amphibolite
		CLY	clay
		FP	Feldspar Porphyry
		MGn	Mafic Gneiss
		FGn	Brecciated Felsic Gneiss
		Dk	Dyke
		FZ?	Fault Zone
		Cas	Casing
		ALZ	Altered zone
		GN	Gneiss
		OB	
		VN	Vein

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 77°
N
W E
S







Drill hole
DH Trace
33 m contour
Stream
Road
Claim Outline

Section: FZ092-093

TOPOGRAPHY
Surface.BT2

BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

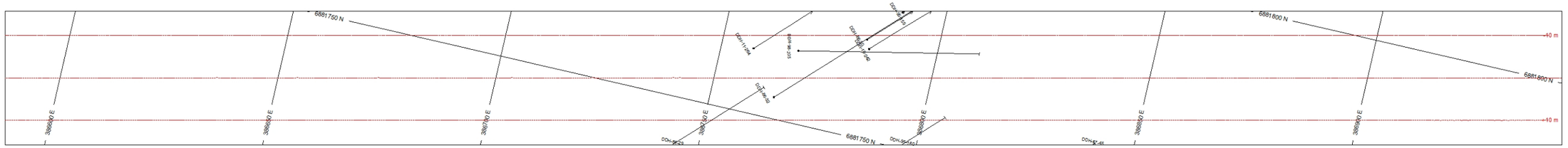
ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
		AMP	amphibolite
		CLY	clay
		FP	Feldspar Porphyry
		MGn	Mafic Gneiss
		FGn	Brecciated Felsic Gneiss
		FZ?	Fault Zone
		Cas	Casing
		QFP	QF Porphyry

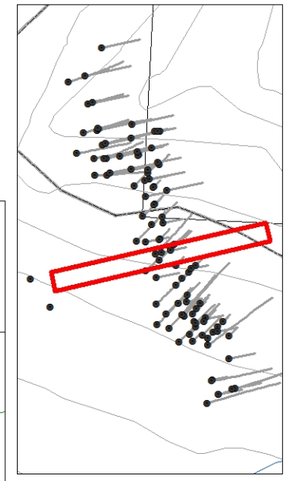
SECTION SPECS:

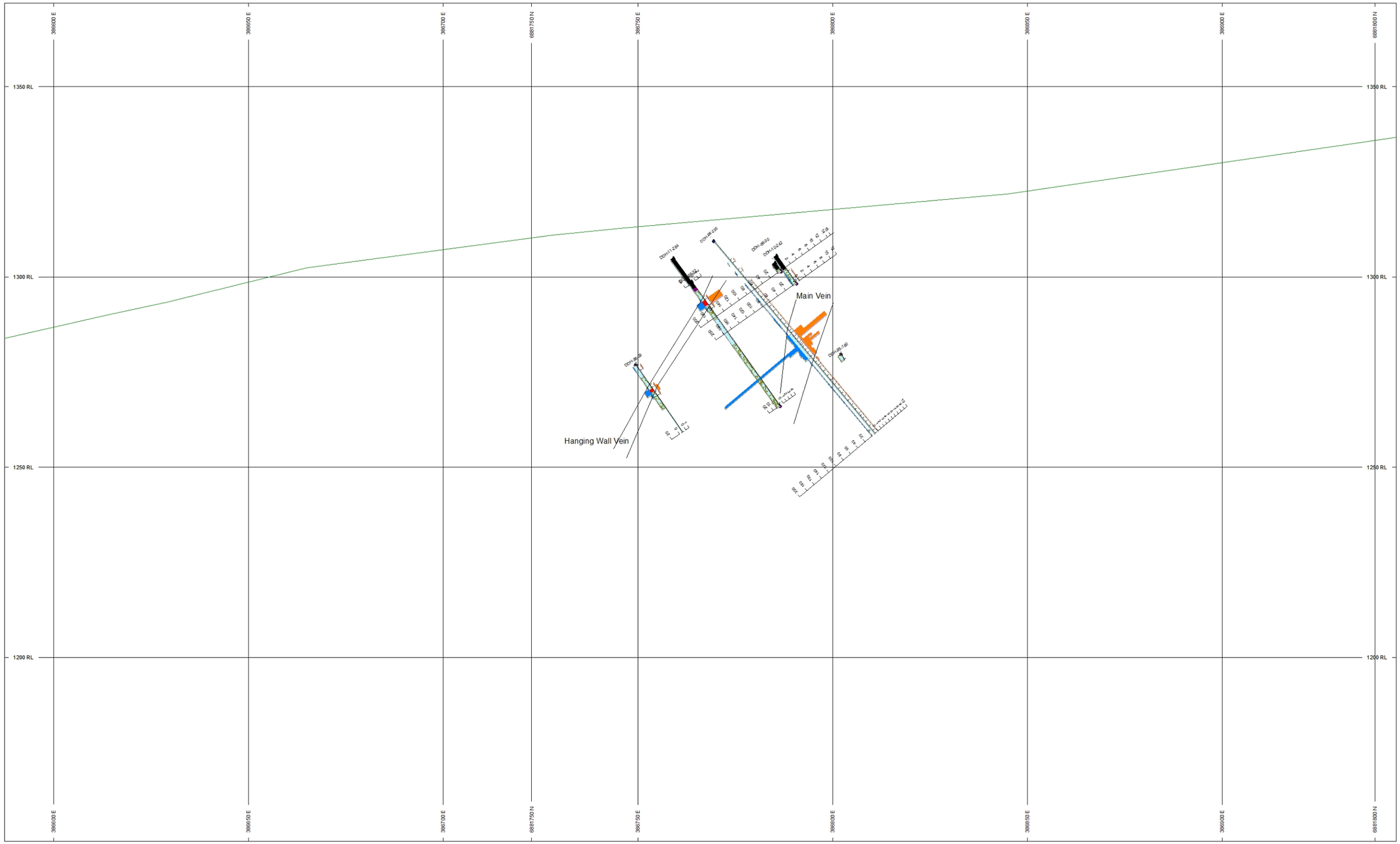
REF. PT. E, N	386771 m	6881730 m
EXTENTS	366.7 m	220.4 m
SECTION TOP, BOT	1362 m	1142 m
TOLERANCE +/-	10 m	

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 77°
N
W
E
S







- Drill hole
- DH Trace
- 33 m contour
- Stream
- Road
- Claim Outline

Section: FZ 094

TOPOGRAPHY
Surface.BT2

BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

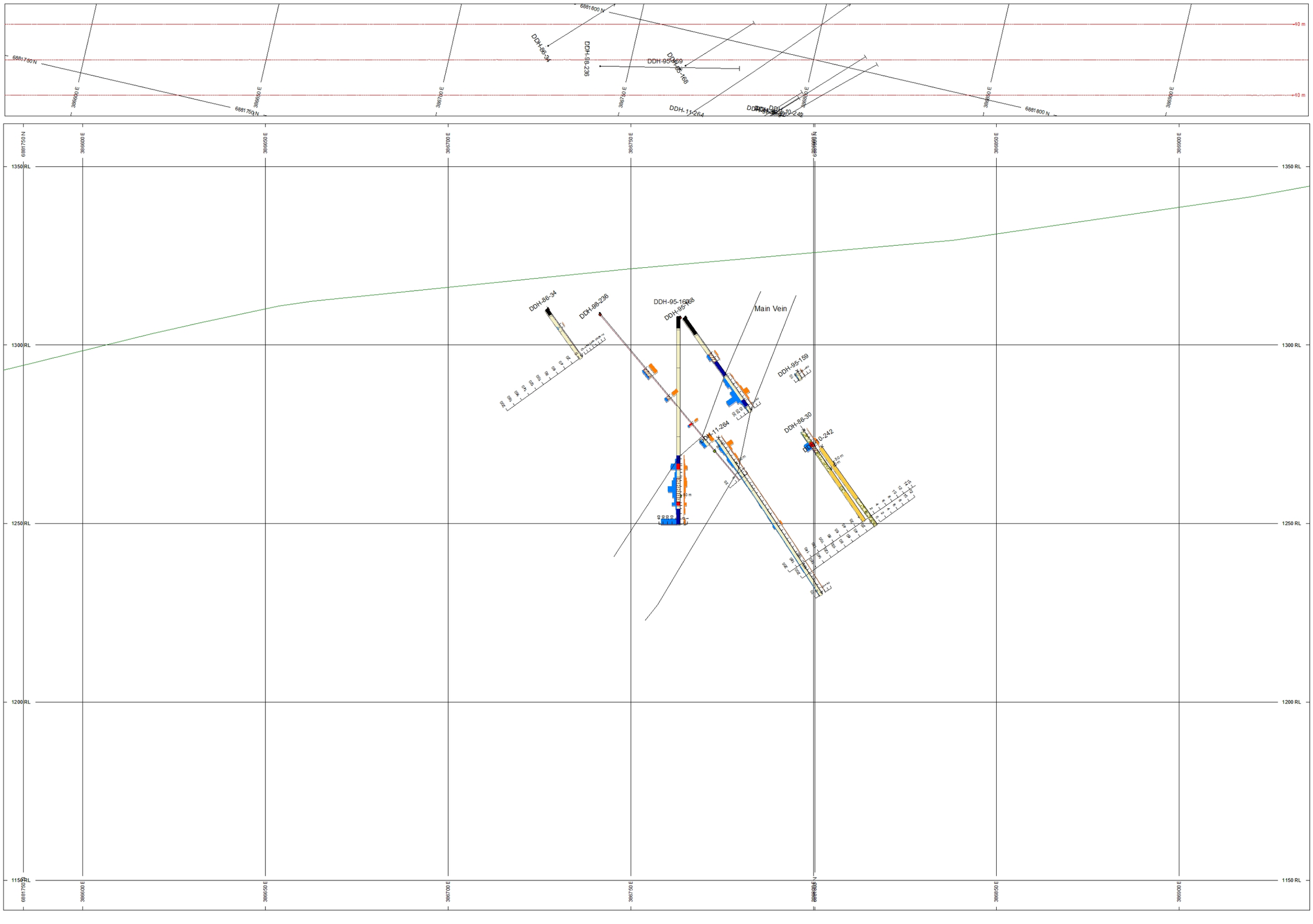
ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
		AMP	amphibolite
		CLY	clay
		MGn	Mafic Gneiss
		Dk	Dyke
		FZ?	Fault Zone
		Cas	Casing
		GN	Gneiss
		OB	
		QFP	QF Porphyry
		VN	Vein

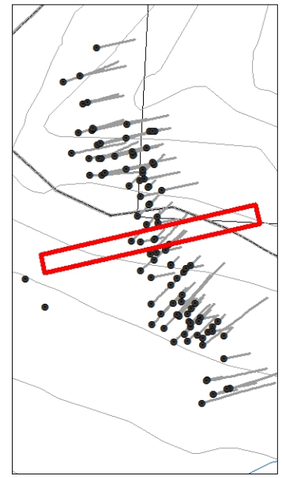
SECTION SPECS:

REF. PT. E, N	386766 m	6881760 m
EXTENTS	366.7 m	220.4 m
SECTION TOP, BOT	1372 m	1152 m
TOLERANCE +/-	10 m	

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 77°
N
W
E
S





Drill hole
DH Trace
33 m contour
Stream
Road
Claim Outline

Section: FZ095

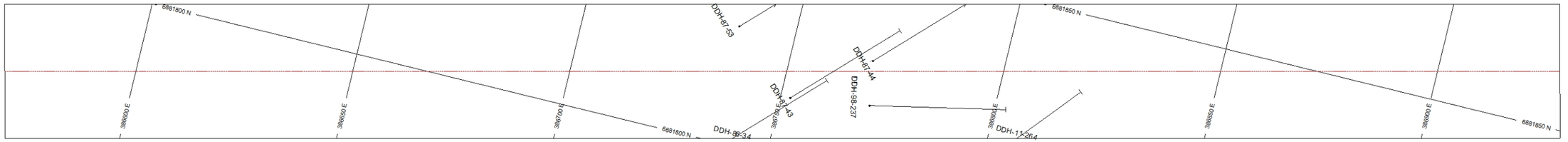
TOPOGRAPHY
Surface.BT2

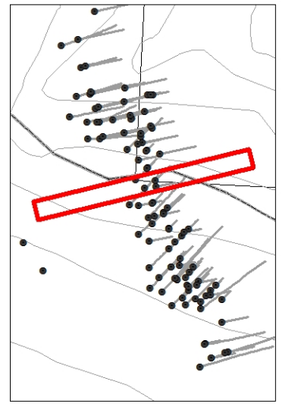
BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

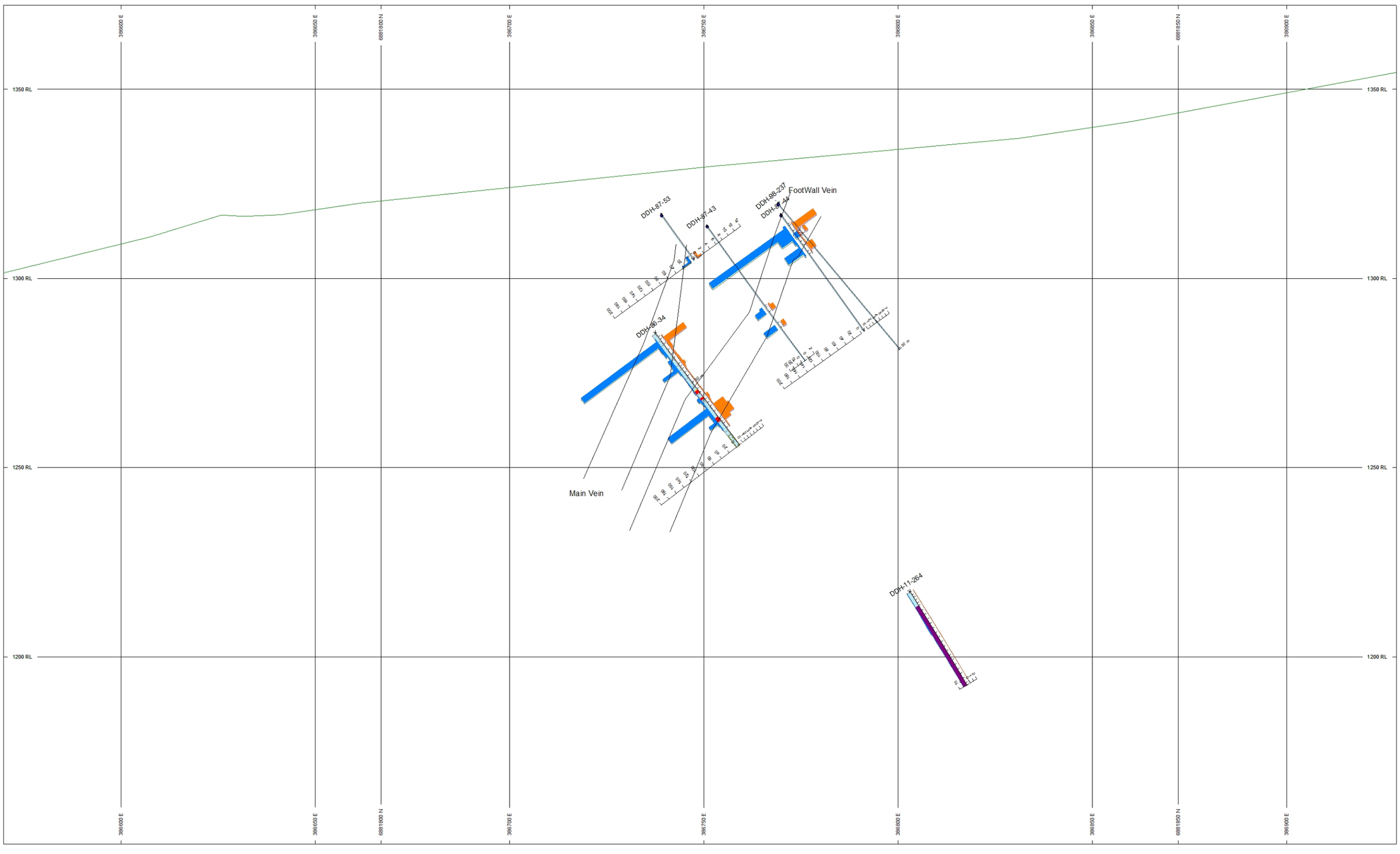
ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
		AMP	amphibolite
		CLY	clay
		MGn	Mafic Gneiss
		Dk	Dyke
		FZ?	Fault Zone
		Cas	Casing
		GN	Gneiss
		MetaR	
		OB	
		QFP	QF Porphyry
		VN	Vein

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 77°
N E S W







Drill hole
DH Trace
33 m contour
Stream
Road
Claim Outline

Section: FZ096-097

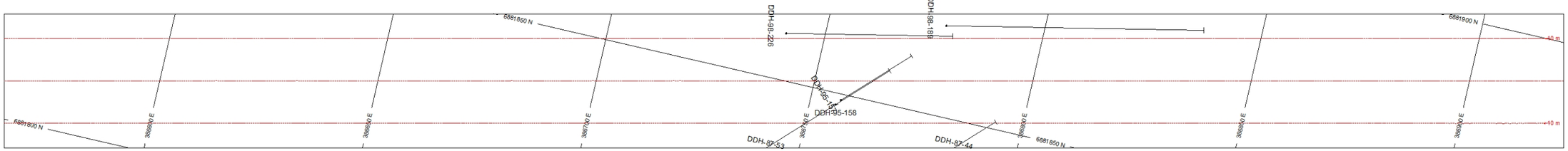
TOPOGRAPHY
Surface.BT2

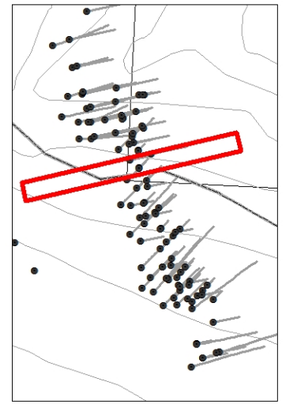
BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

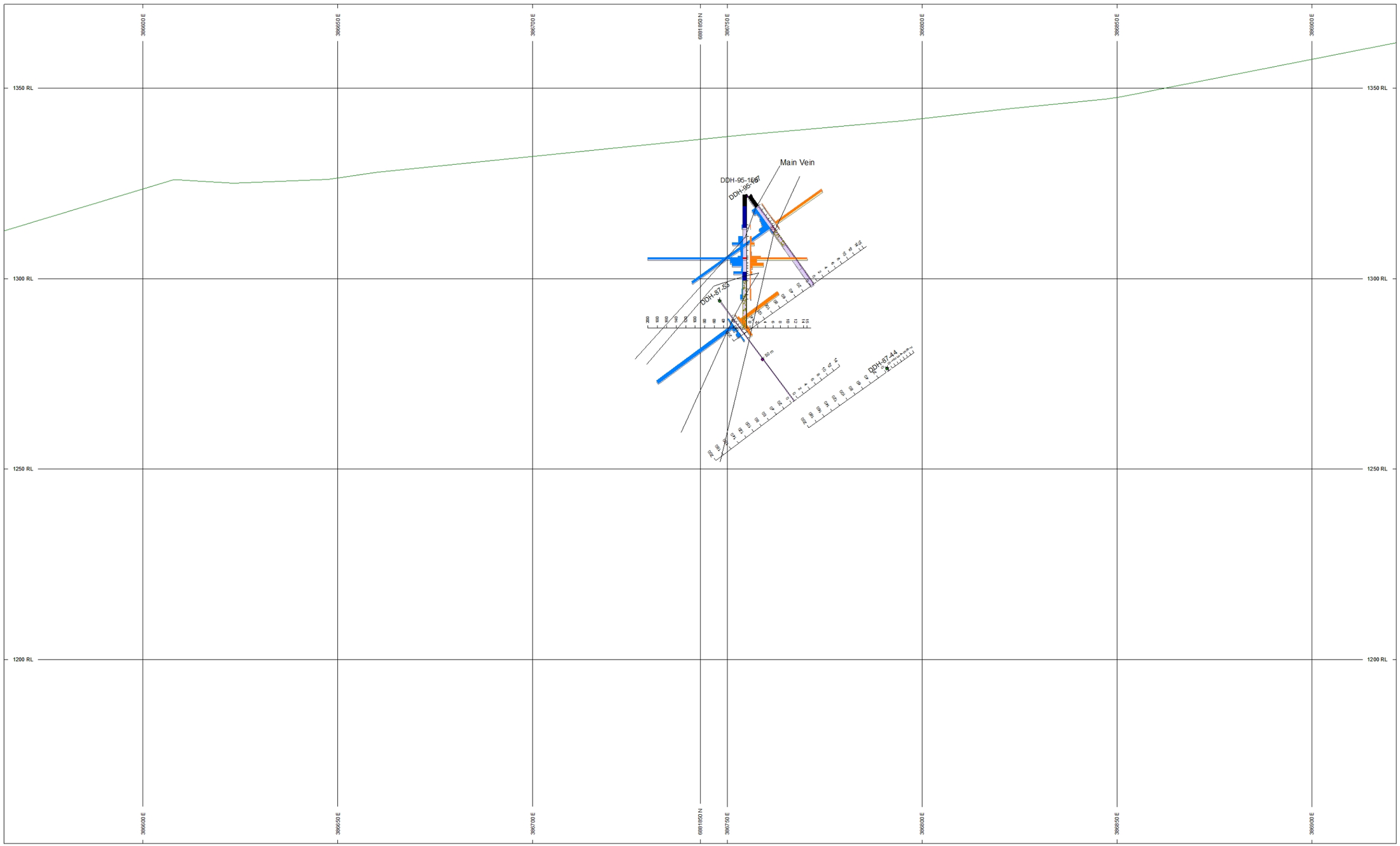
ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
		AMP	amphibolite
		CLY	clay
		MGn	Mafic Gneiss
		Dk	Dyke
		Cas	Casing
		GN	Gneiss
		OB	
		QFP	QF Porphyry
		VN	Vein

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 76.3°
N
W E
S







Drill hole
DH Trace
33 m contour
Stream
Road
Claim Outline

Section: FZ098-099

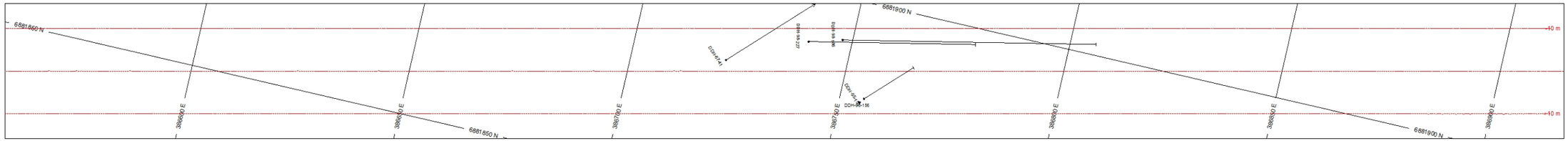
TOPOGRAPHY
Surface.BT2

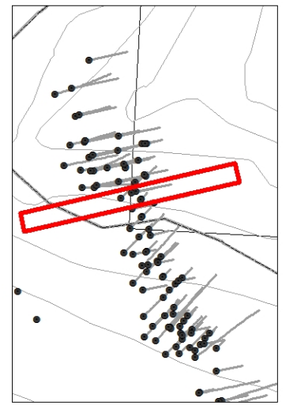
BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

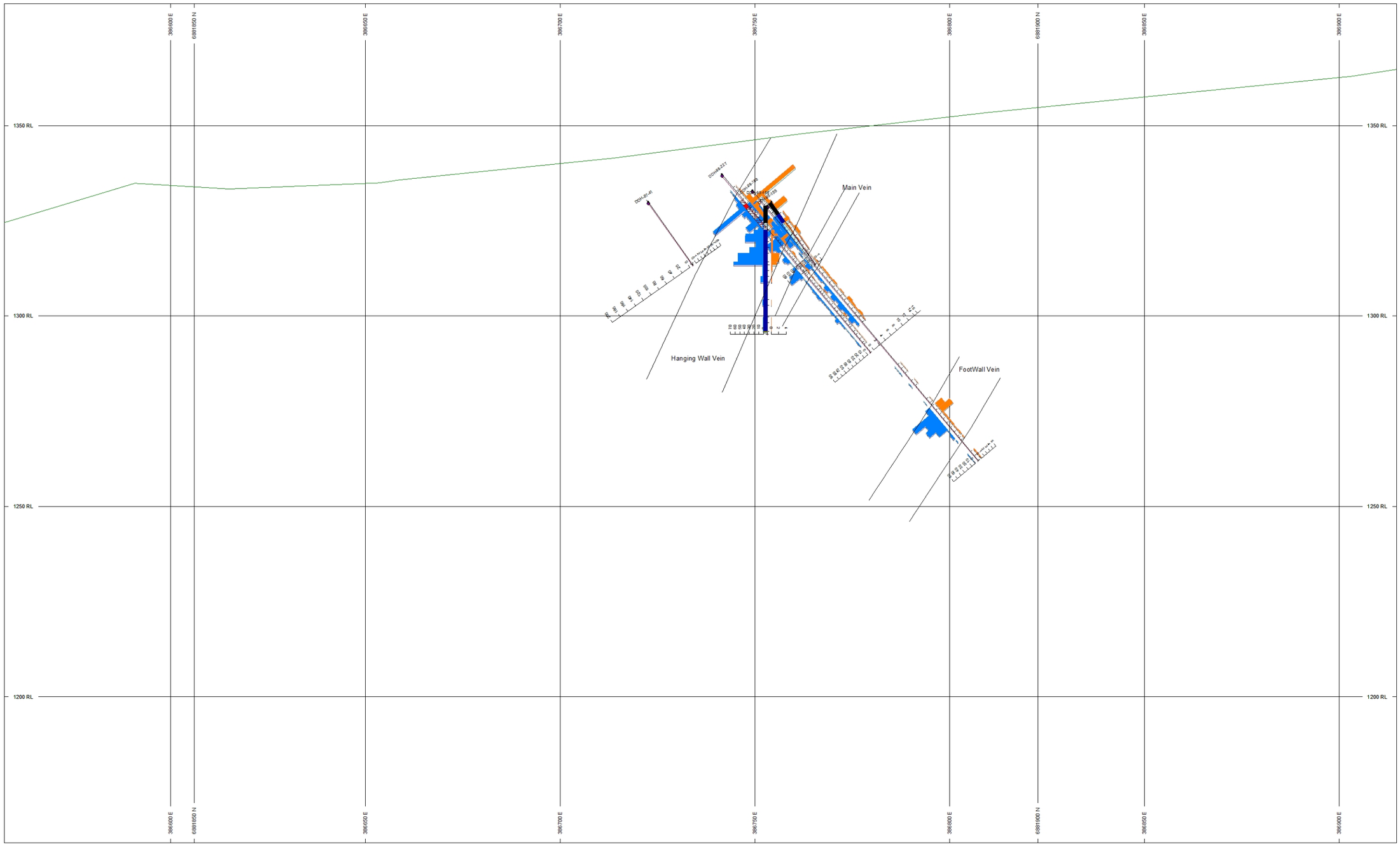
ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
		AMP	amphibolite
		CLY	clay
		Cas	Casing
		MetaR	
		VN	Vein

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 77°
N
W
E
S







Drill hole
DH Trace
33 m contour
Stream
Road
Claim Outline

Section: 100-101

TOPOGRAPHY
Surface.BT2

BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

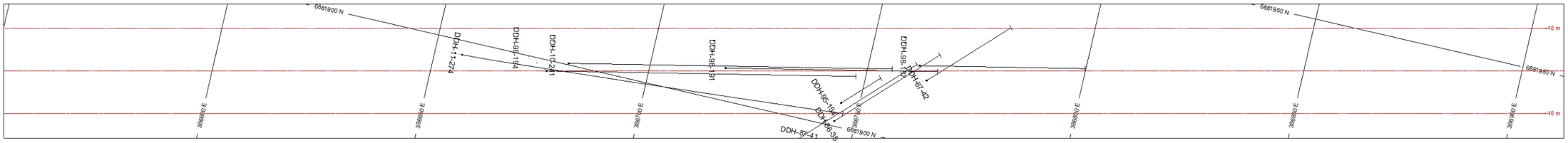
ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
	AMP	AMP	amphibolite
	CLY	CLY	clay
	Cas	Cas	Casing
	MetaR		
	VN	VN	Vein

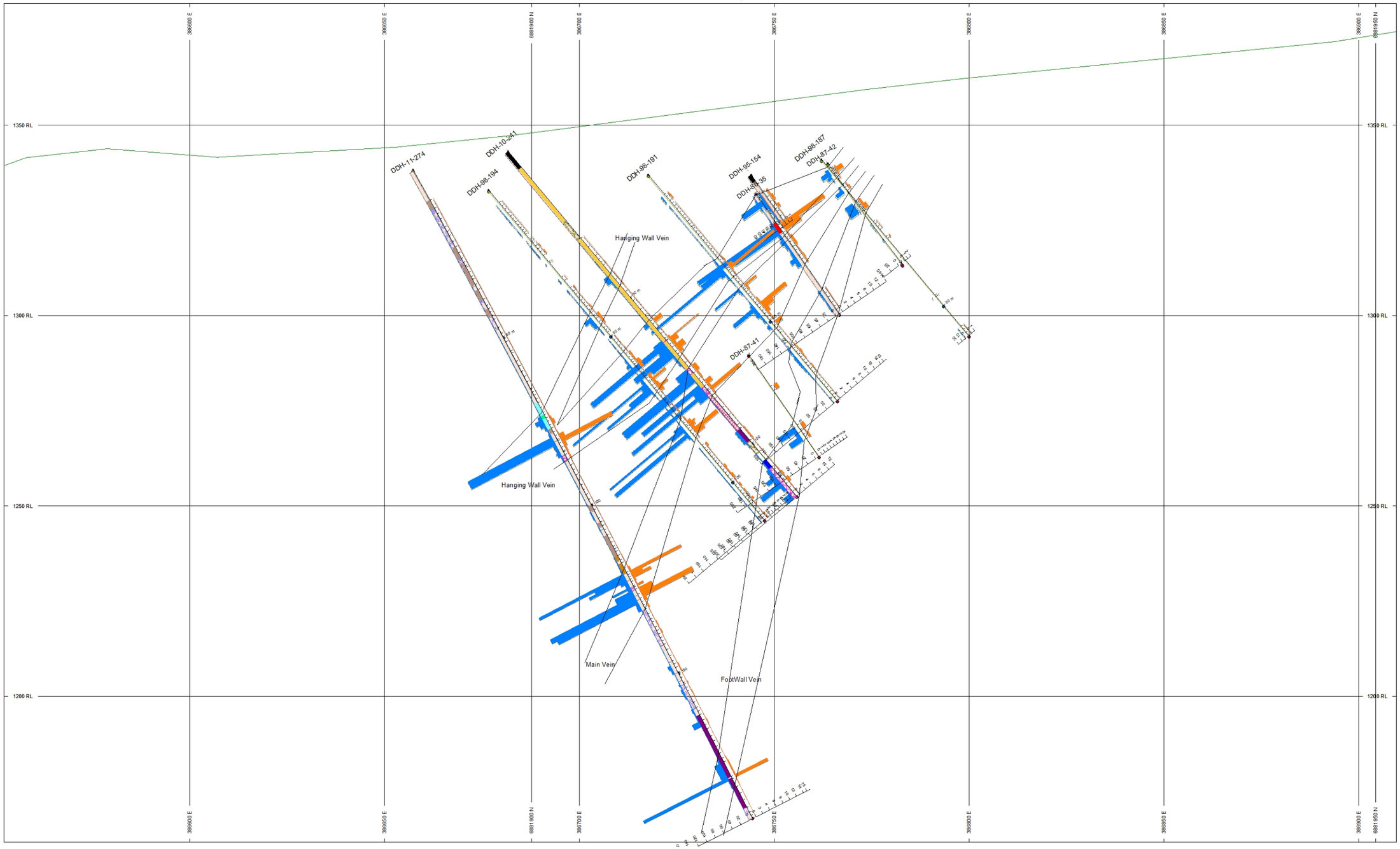
SECTION SPECS:

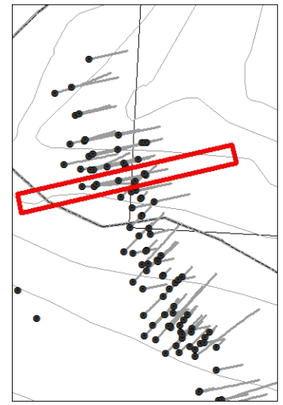
REF. PT. E, N	386736 m	6881880 m
EXTENTS	366.7 m	220.4 m
SECTION TOP, BOT	1382 m	1162 m
TOLERANCE +/-	10 m	

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 77°
N
W E
S







Drill hole
DH Trace
33 m contour
Stream
Road
Claim Outline

Section: FZ102

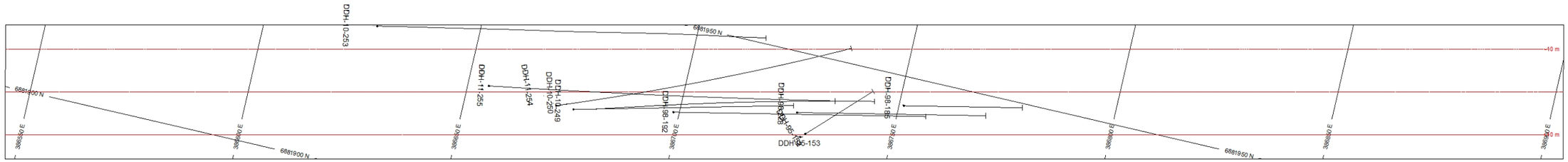
TOPOGRAPHY
Surface.BT2

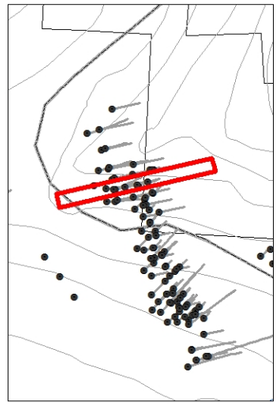
BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

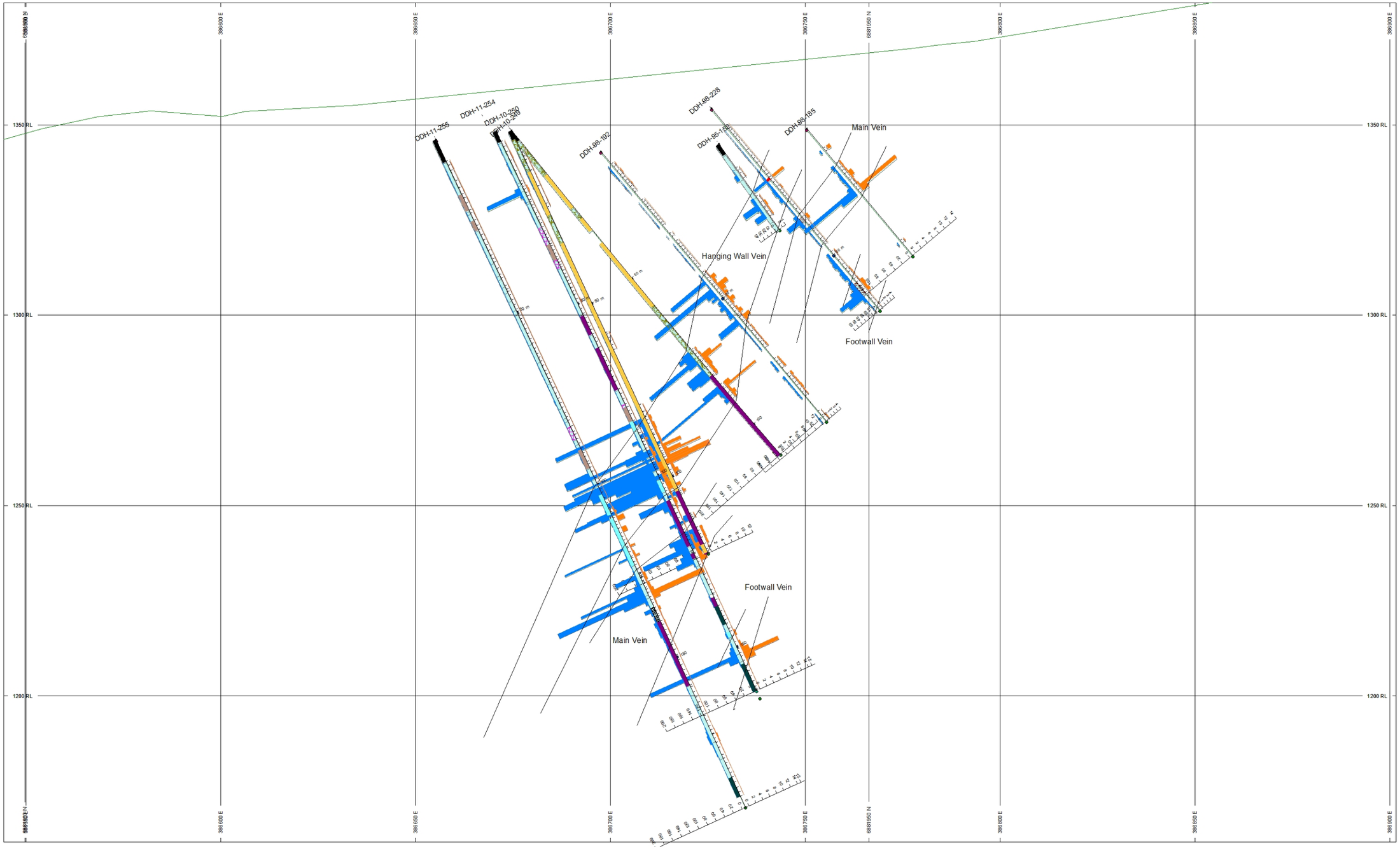
ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
		AMP	amphibolite
		FP	Feldspar Porphyry
		MGn	Mafic Gneiss
		FGn	Brecciated Felsic Gneiss
		Dk	Dyke
		FZ?	Fault Zone
		Cas	Casing
		GDD	Granodiorite Dyke
		GN	Gneiss
		Gd?	
		MR	Metamorphic Rock
		QFP	QF Porphyry
		VN	Vein

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 77°
N
W
E
S







Drill hole
DH Trace
33 m contour
Stream
Road
Claim Outline

Section: FZ103

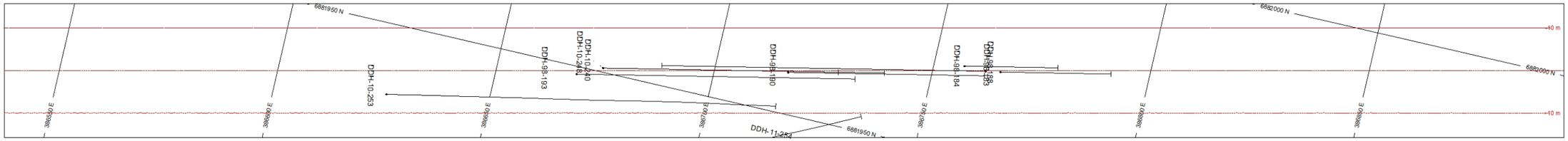
TOPOGRAPHY
Surface.BT2

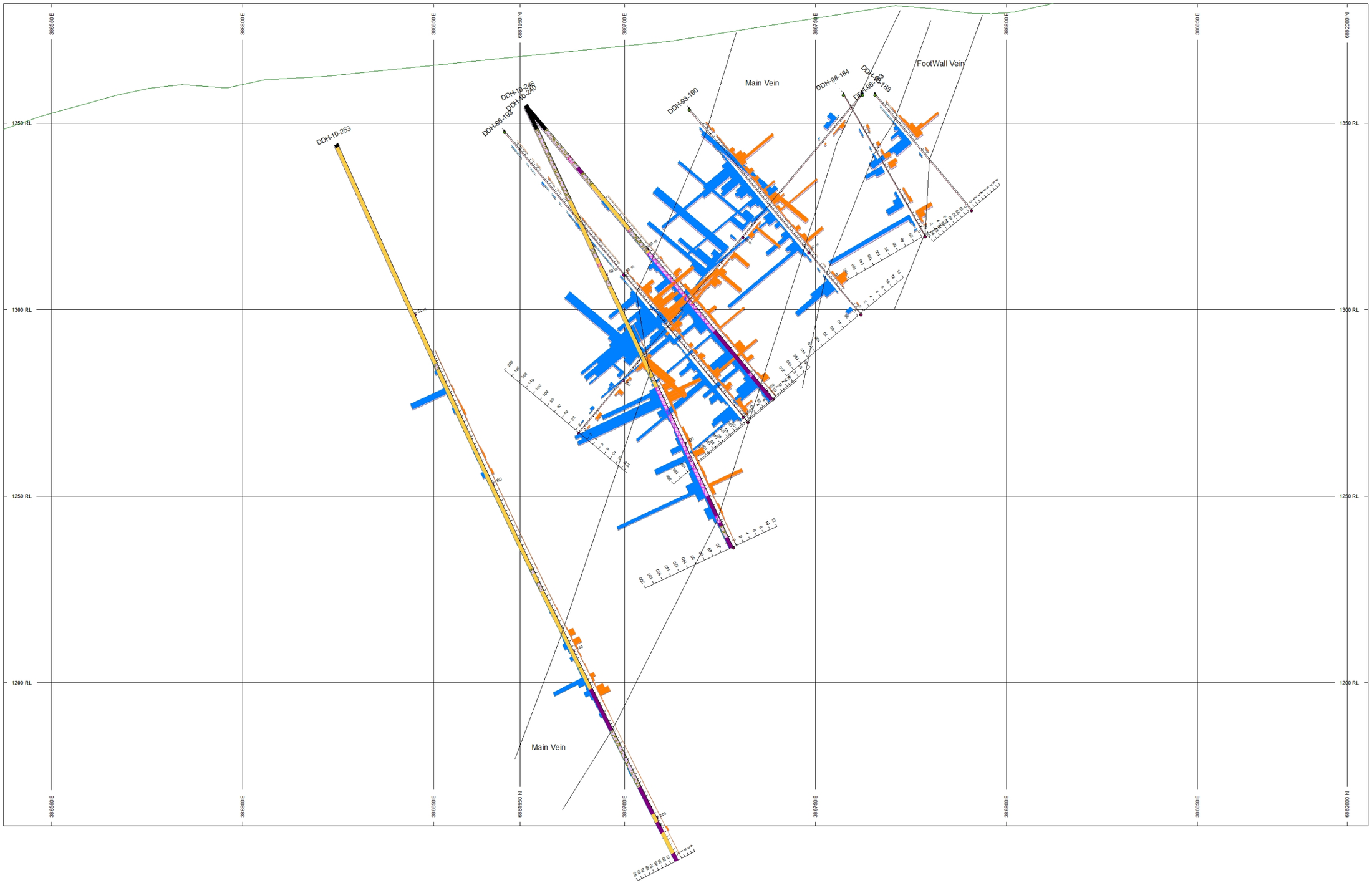
BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

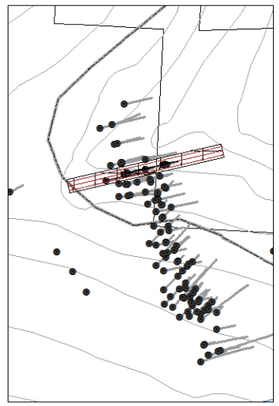
ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
	AMP		amphibolite
	BX		brecda
	CLY		clay
	MGn		Mafic Gneiss
	Di-z		Diorite
	FZ?		Fault Zone
	Cas		Casing
	GN		Gneiss
	Gd?		
	OB		
	QFP		QF Porphyry
	VN		Vein

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 77°
N
W E
S







- Drill hole
- DH Trace
- 33 m contour
- Stream
- Road
- Claim Outline

Section: FZ104-105

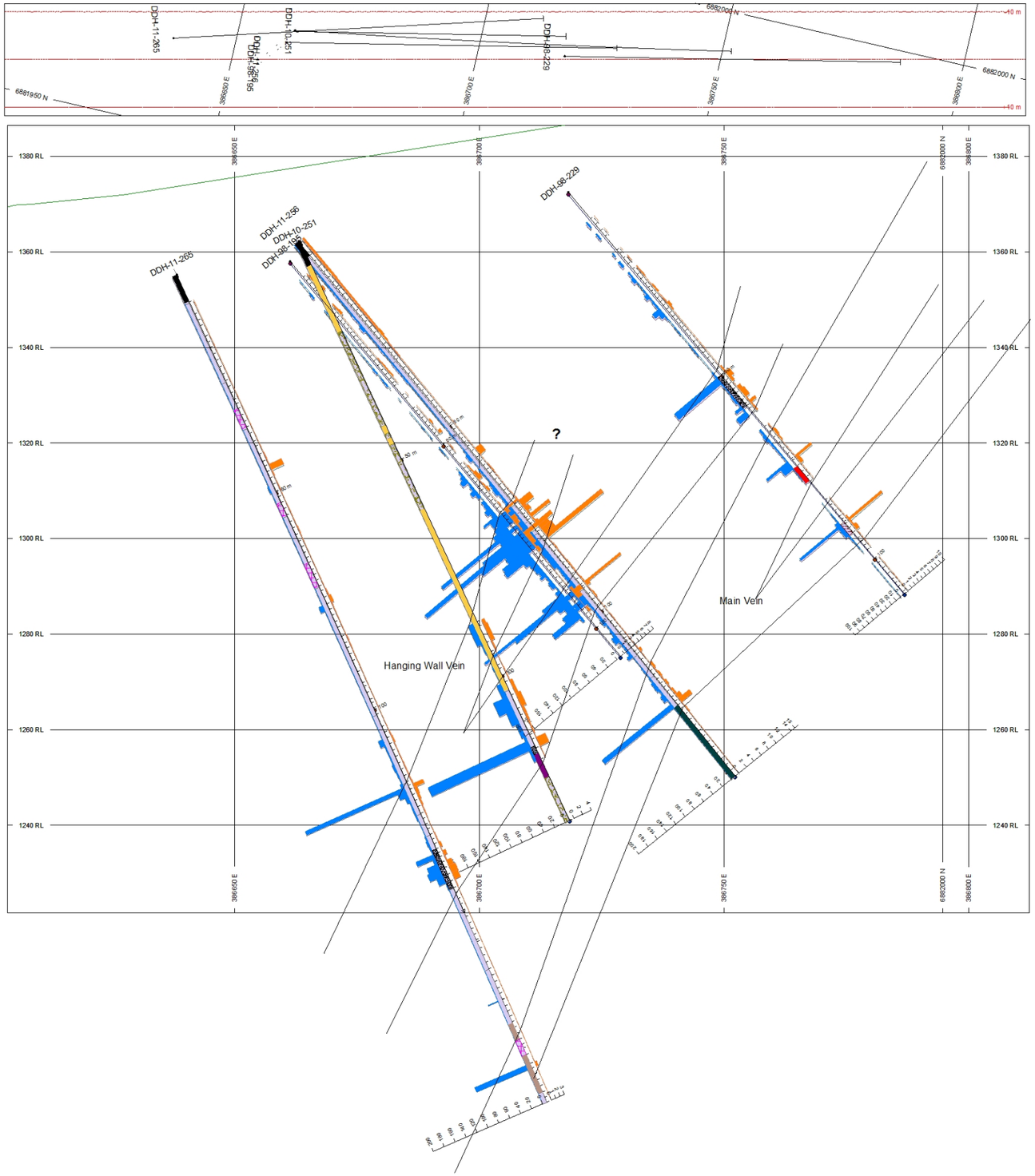
TOPOGRAPHY
Surface:BT2

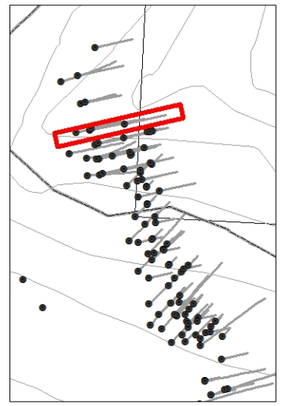
BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
		AMP	amphibolite
		FZ?	Fault Zone
		Cas	Casing
		GDD	Granodiorite Dyke
		GN	Gneiss
		QFP	QF Porphyry

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 77°
N
W E
S





Drill hole
DH Trace
33 m contour
Stream
Road
Claim Outline

Section: FZ106

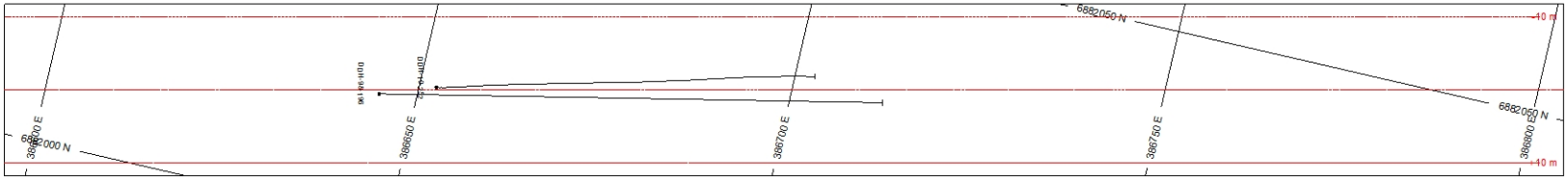
TOPOGRAPHY
Surface.BT2

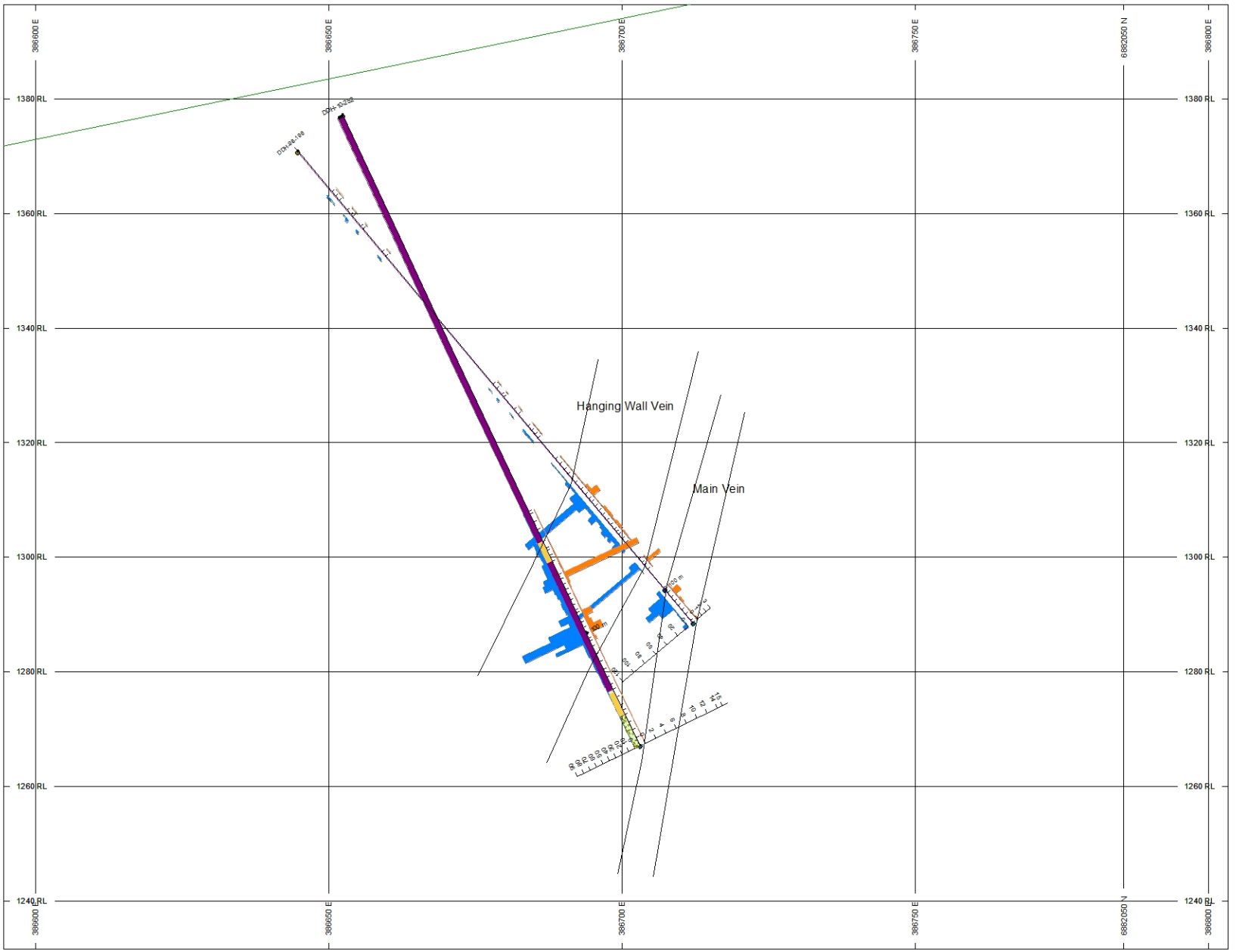
BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max:200
Au_gt_G6	R		Max:15

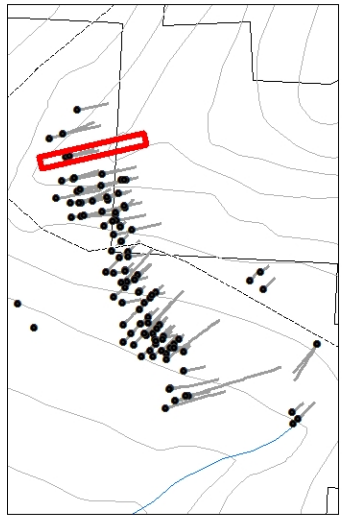
ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
		AMP	amphibolite
		BX	breccia
		CLY	clay
		MGn	Matic Gneiss
		Di-z	Diorite
		FZ?	Fault Zone
		Cas	Casing
		GN	Gneiss
		OB	
		QFP	QF Porphyry
		VN	Vein

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 77°
N
W
E
S







- Drill hole
- Road
- Drill hole trace
- Stream
- 33m contour
- Claim Outline

Section: FZ108

TOPOGRAPHY
Surface.BT2

BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

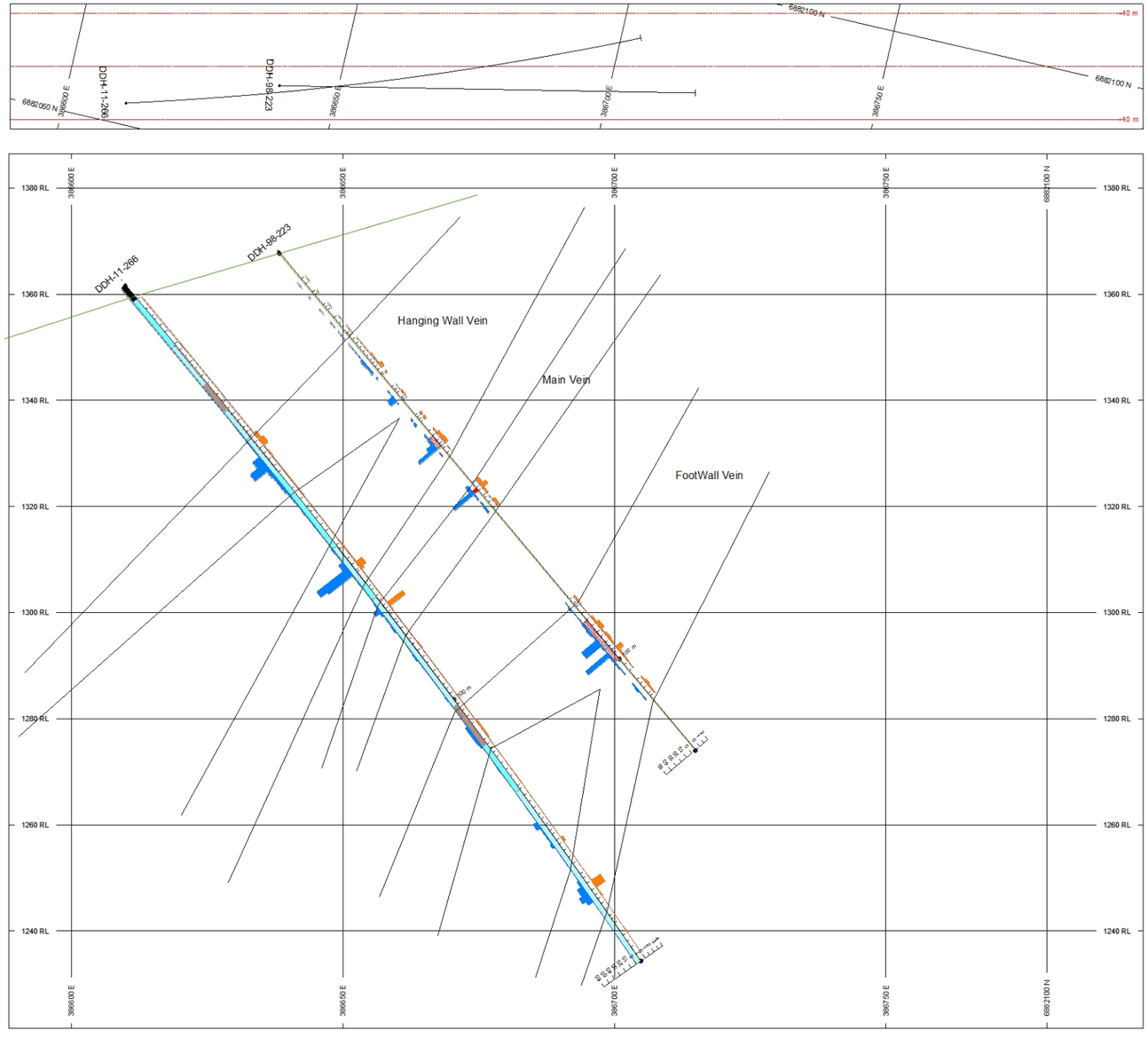
ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
		AMP	amphibolite
		GO	gossan
		Cas	Casing
		GN	Gneiss
		QFP	QF Porphyry

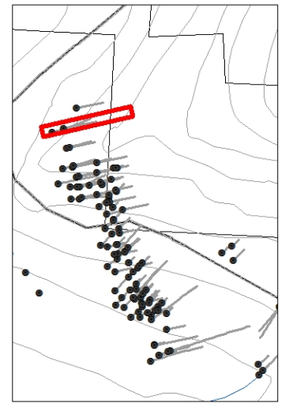
SECTION SPECS:

REF. PT. E, N	386699 m	6882030 m
EXTENTS	214.3 m	164.8 m
SECTION TOP, BOT	1396 m	1232 m
TOLERANCE +/-	10 m	

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 77°
N
W E
S





- Drill hole
- DH Trace
- 33 m contour
- Stream
- Road
- Claim Outline

Section: FZ110

TOPOGRAPHY
Surface.BT2

BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

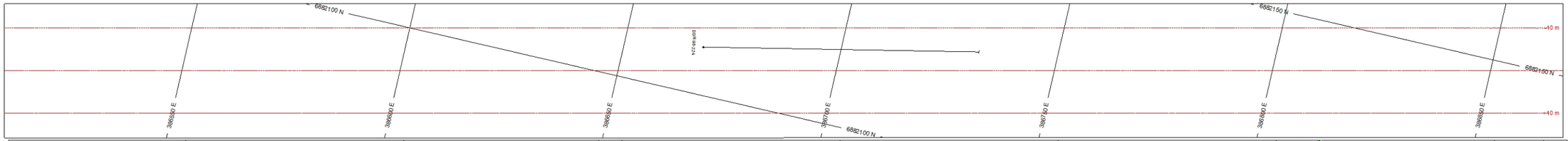
ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
		MGn	Mafic Gneiss
		ALZ	Altered zone
		Gd?	
		OB	
		VN	Vein

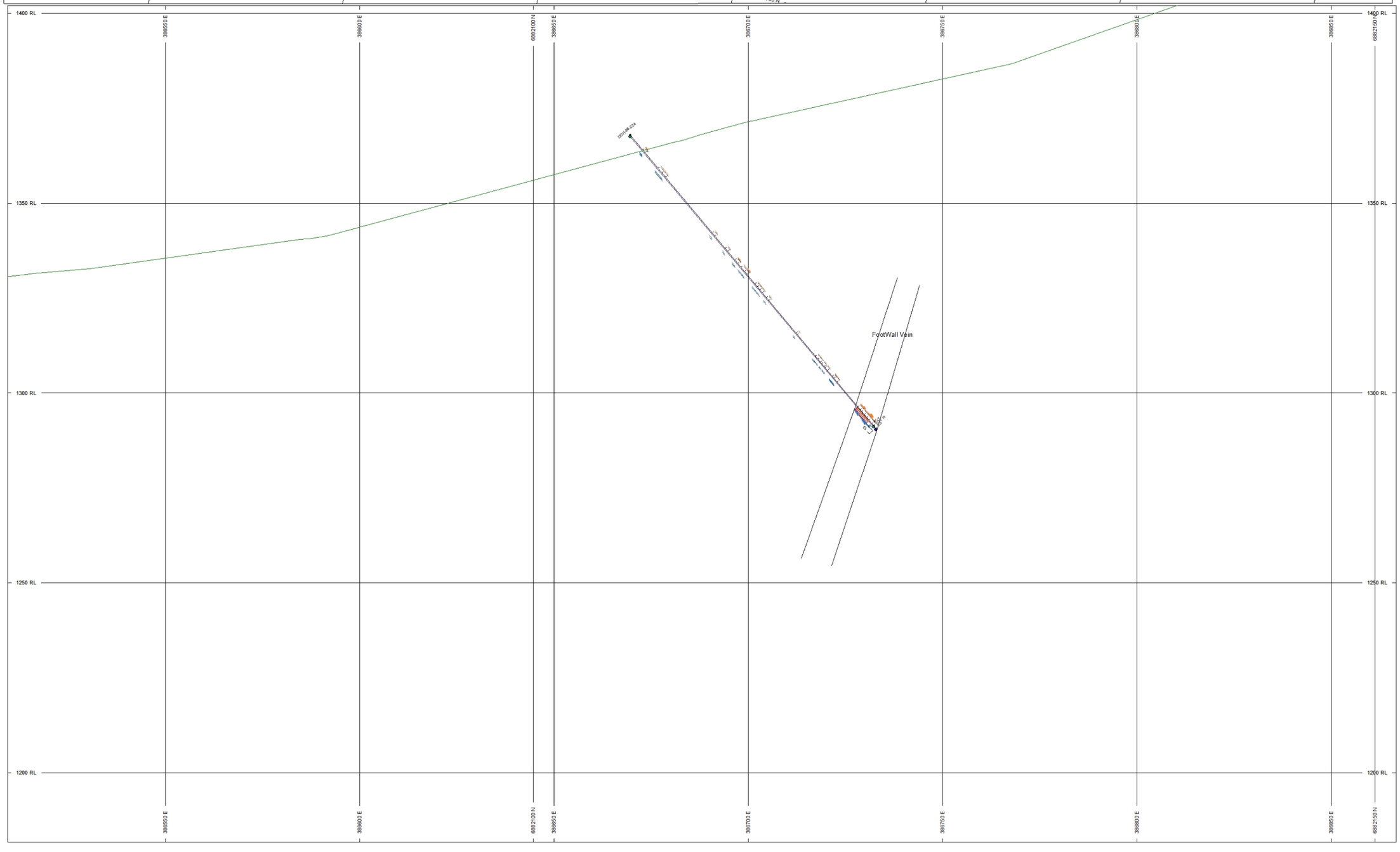
SECTION SPECS:

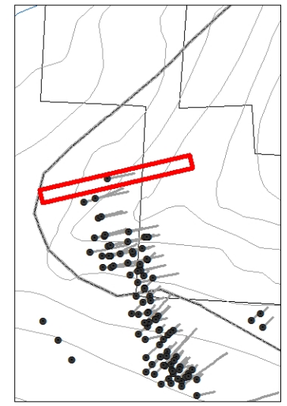
REF. PT. E, N	386693 m	6882080 m
EXTENTS	214.3 m	164.8 m
SECTION TOP, BOT	1386 m	1222 m
TOLERANCE +/-	10 m	

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 77°
N
W E
S







- Drill hole
- DH Trace
- 33 m contour
- Stream
- Road
- Claim Outline

Section: FZ112

TOPOGRAPHY
Surface.BT2

BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

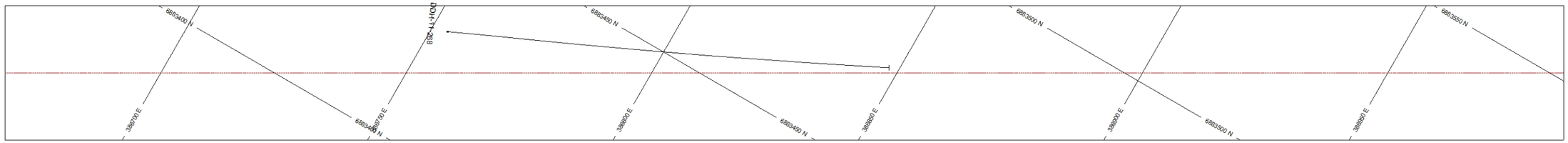
ROCK CODES	PAT	LABEL	DESCRIPTION
LITHOCODE		ALZ	Altered zone

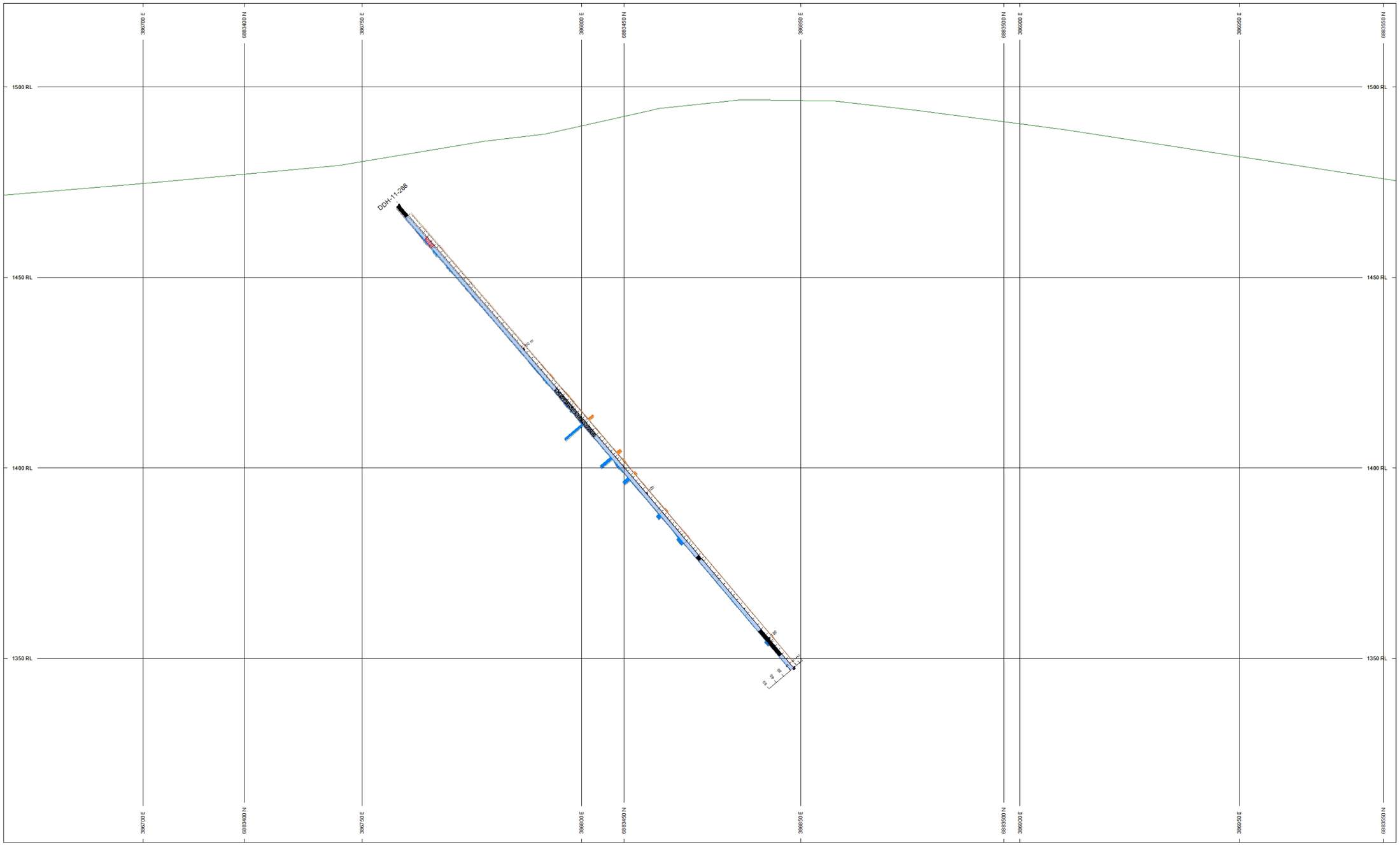
SECTION SPECS:

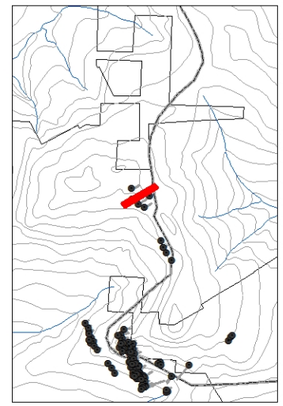
REF. PT., E, N	386688 m	6882110 m
EXTENTS	366.7 m	220.4 m
SECTION TOP, BOT	1402 m	1182 m
TOLERANCE +/-	10 m	

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 77°
N
W E
S







- Drill hole
- DH Trace
- 33 m contour
- Stream
- Road
- Claim Outline

Section: OK01

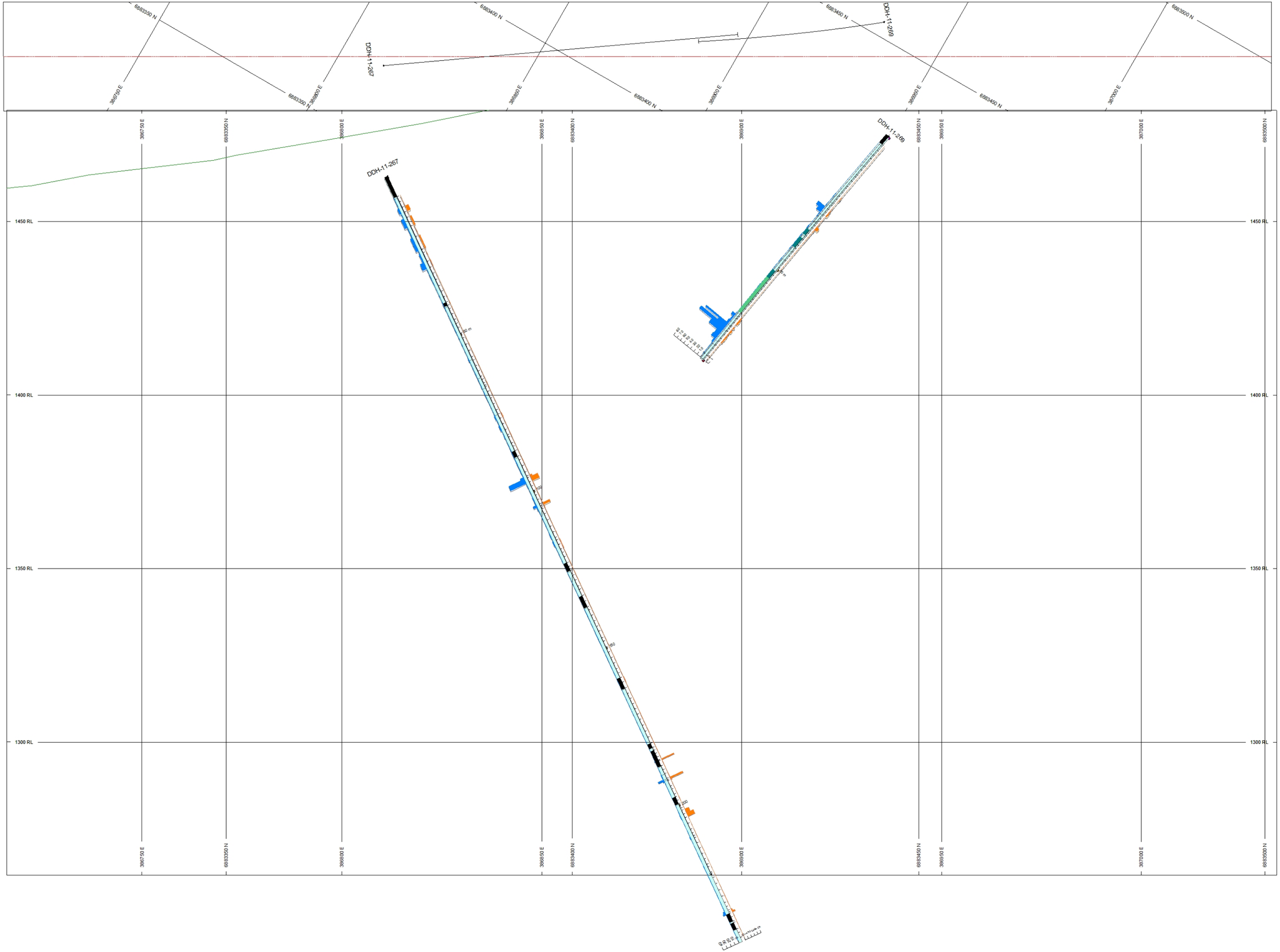
TOPOGRAPHY
Surface.BT2

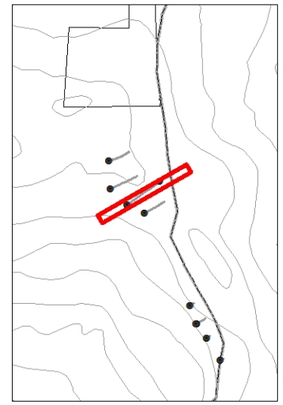
BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
		BX	breccia
		ALZ	Altered zone
		Mz	
		OB	

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 60°
N
W E
S





- Drill hole
- DH Trace
- 33 m contour
- Stream
- Road
- Claim Outline

Section: OK02

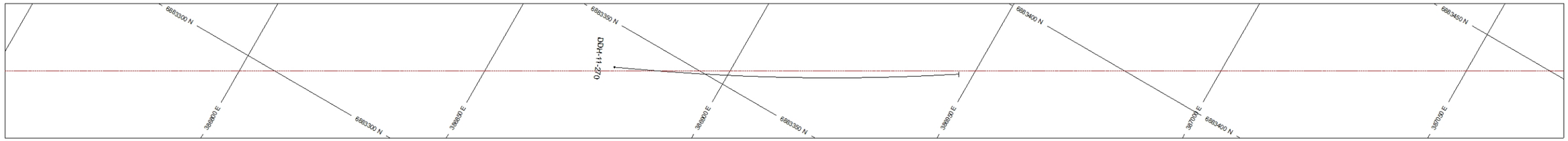
TOPOGRAPHY
Surface.BT2

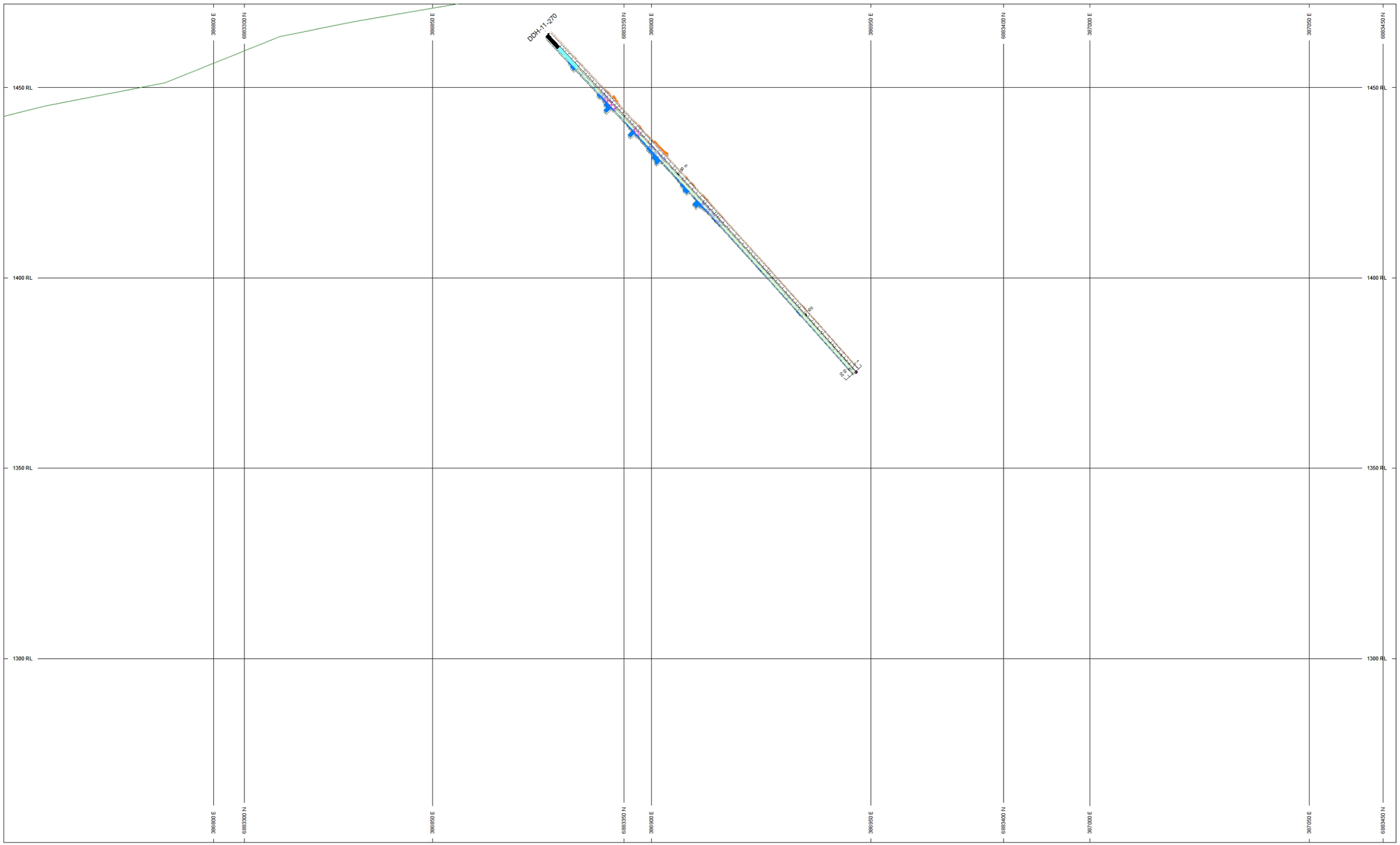
BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

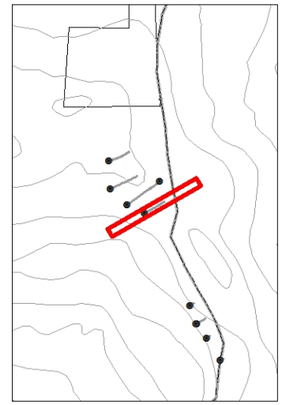
ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
		AND	andesite
		Cas	Casing
		Monz	
		Mz	
		OB	

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 60°
N
W E
S







- Drill hole
- DH Trace
- 33 m contour
- Stream
- Road
- Claim Outline

Section: OK03

TOPOGRAPHY
Surface.BT2

BAR GRAPHS	L/R	COL	RANGE
Ag_PPM	L		Max 200
Au_gt_G6	R		Max 15

ROCK CODES LITHOCODE	PAT	LABEL	DESCRIPTION
		FP	Feldspar Porphyry
		FZ?	Fault Zone
		Cas	Casing
		Gd?	

SCALE
(m)
-5 0 5 10 15 20
NAD83 / UTM zone 8N

AZIMUTH = 60°
N
W E
S

Appendix V

Trench Logs

Trench Name	ECE-TR94-5d
Location	Eliza Creek Extension
Total Length	36.50m
Date(s) Mapped	July 29, 2011
Loggers	T.Dyakowski, Entire charlotte camp (minus drillers & Jeff the chef)
Number of Samples	13
Mapping Direction	S to N
Face Mapped (NSEW)	E/W

Summary of Lithology

From	To	Lithology	Comments
0.00	4.00	Alt. QMD	
4.00	9.00	OB	
9.00	14.42	Alt. Gd	
14.42	24.40	OB	
24.40	26.20	Alt. Gd	
26.20	27.00	Qtz Vn	
27.00	31.00	Alt. Gd	
31.00	33.00	QMD	
33.00	36.50	QMD	

Primary Intervals		Lith	Lithology	Description	Mineralization							Alteration																	Foliation	Shearing		Fractures		Veins					Brecciation						Upper Contact (S/W)		Lower Contact (N/E)	
From	To	Code			Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	% Clasts	Rounding	Matrix	% Matrix	Intensity	to CA	Description	to CA	Description
0.00	4.00	QMn	Quartz Monzonite	20% quartz, 80% feldspar (sericite altered). Manganese staining present in a dendritic pattern. Specs of muscovite throughout (~5%). Highly fractured/limonized.	-	-	-	-	-	-	-	White/Black	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.00	9.00	OB	Overburden	Overburden.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00	14.42	Gr	Granite	Quartz rich intermediate rock (granite). 80% quartz, 15% biotite, 5% feldspars. Chlorite altered quartz and sericite altered feldspar present. Some disseminated and clotty pyrite (1%).	1	-	-	-	-	-	Disseminated & Clotty	Green/Grey	2	-	-	3	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14.42	24.40	OB	Overburden	Overburden.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24.40	26.20	Gd	Granodiorite	*Note: Sampling switch from E to W side of trench. Plutonic, porphyritic granodiorite. 65% quartz (phenos 2-3mm), 20% feldspars, 15% biotite (phenos 2-4mm). Chlorite altered quartz and sericite altered feldspar. Clotty chalcosite (0.1%) and disseminated pyrite (0.1%) present. Contact with quartz vein @ 26.20m (265°/65°).	0.1	-	-	-	-	-	Disseminated (Py), & Clotty (Chalcosite)	Green/Grey	2	1	-	3	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26.20	27.00	Vn	Quartz Vein	Contact at 26.20m (265°/65°). Massive quartz vein. Separated into planes (265°/65°). Medium limonization, manganese staining present (dendritic). Disseminated pyrite (0.1%).	0.1	-	-	-	-	-	Disseminated	White/Yellow	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27.00	31.00	Gd	Granodiorite	Plutonic, porphyritic granodiorite. 65% quartz (phenos 2-3mm), 20% feldspars, 15% biotite (phenos 2-4mm). Chlorite altered quartz and sericite altered feldspar. Clotty chalcosite (0.1%) and disseminated pyrite (0.1%) present. Contact with quartz vein @ 26.20m (265°/65°).	0.1	-	-	-	-	-	Disseminated (Py), & Clotty (Chalcosite)	Green/Grey	2	1	-	3	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31.00	33.00	QMd	Quartz Monzodiorite	More mafic and larger grain size than at 27.00-31.00m. Porphyritic texture. 35% biotite (phenos 2-6mm), 30% feldspar, 25% quartz. Strong chlorite alteration in quartz and sericite alteration in feldspars. Pyrite present in small amounts, clotty (0.3-0.5%). Evidence of aphanitic mafic dyke at 32.00m. General structure at 195°/74°.	0.3-0.5	-	-	-	-	-	Clotty	Green/Grey	1	1	-	3	-	-	-	1	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33.00	36.50	QMd	Quartz Monzodiorite	More mafic and larger grain size than at 27.00-31.00m. Porphyritic texture. 35% biotite (phenos 2-6mm), 30% feldspar, 25% quartz. Strong chlorite alteration in quartz and sericite alteration in feldspars. Pyrite present in small amounts, clotty/disseminated (0.3-0.5%). General structure at 195°/74°.	0.3-0.5	-	-	-	-	-	Disseminated & Clotty	Green/Grey	1	1	-	4	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Charlotte Project
ECE-TR94-5d
Samples

Interval						Au	Mo	Cu	Pb	Zn	Ag
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	PPM	PPM	PPM	PPM
0.00	2.00	2.00	523598		Quartz Monzonite	0.026	0.4	121.7	32.2	1304	0.4
2.00	4.00	2.00	523599		Quartz Monzonite	0.057	0.5	127.8	33.3	1561	0.4
9.00	11.00	2.00	523600		Quartz-Rich Granite	0.048	0.6	46.0	9.5	458	0.3
11.00	13.00	2.00	523601		Quartz-Rich Granite	0.046	0.6	18.8	6.1	399	0.2
13.00	14.42	1.42	523602		Quartz-Rich Granite	0.051	0.8	19.0	7.7	427	0.2
24.40	26.20	1.80	523603		Granodiorite	0.055	0.7	40.5	16.2	175	0.3
26.20	27.00	0.80	523604		Quartz Vein	0.497	3.3	132.7	32.2	167	2.4
27.00	27.00		523605	**Blank**		<0.005	0.2	1.2	1.3	12	<0.1
27.00	29.00	2.00	523606		Granodiorite	0.033	0.6	27.7	14.8	118	0.3
29.00	31.00	2.00	523607		Granodiorite	0.013	0.4	16.1	13.8	104	0.2
31.00	33.00	2.00	523608		Granodiorite	0.022	0.5	47.6	14.0	122	0.4
33.00	35.00	2.00	523609		Quartz Monzodiorite	0.014	0.5	18.3	9.8	82	0.2
35.00	36.50	1.50	523610		Quartz Monzodiorite	0.010	0.4	20.9	11.7	59	0.3

Charlotte Project

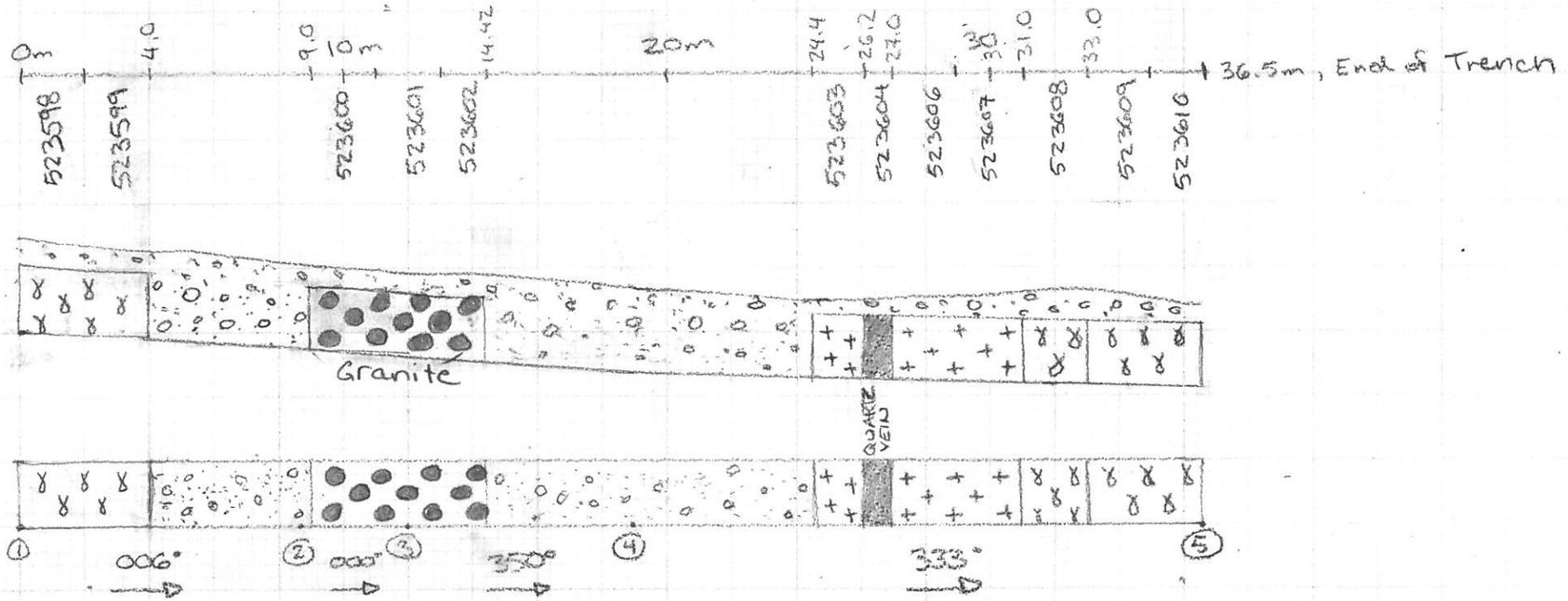
ECE-TR94-5d

Survey Data

Station	Easting	Northing	Azimuth	Inclination	Slope	From	To	Length
ECE-TR94-5D-1	385089	6885600	006^0	-2^0	N	0.00	0.00	0.00
ECE-TR94-5D-2	385089	6885608	000^0	-3^0	N	0.00	8.60	8.60
ECE-TR94-5D-3	385091	6885612	350^0	-2^0	N	8.60	12.00	3.40
ECE-TR94-5D-4	385089	6885616	333^0	-1^0	N	12.00	19.00	7.00
ECE-TR94-5D-5	385082	6885634				19.00	36.50	7.50

PROJECT : CHARLOTTE
AREA : ELIZA CREEK EXTENSION ZONE
DATE : JULY 29, 2011
MAPPER : T. DYAKOWSKI

ECE-TR94-5d



QUARTZ MONZONITE / MONZODIORITE
SOIL, OVERBURDEN
GRANITE
GRANODIORITE

0 1 2 m
~N
1:200

NOTE: CONTACTS ARE DRAWN STRAIGHT, THIS NOT NECESSARILY TRUE.

Trench Name	GRW-TR10-03
Location	GRW
Total Length	120.00m
Date(s) Mapped	July 16-18, 2011
Loggers	A. Paquet and J. Chinn
Number of Samples	59
Mapping Direction	NE to SW
Face Mapped (NSEW)	NW

Summary of Lithology

From	To	Lithology	Comments
0.00	13.40	Water	
13.40	16.60	Gd	
16.60	23.30	Clay	
23.30	25.20	Alt.	
25.20	27.20	Clay	
27.20	39.90	Clay/Gd	
39.90	47.50	QP	
47.50	51.50	Clay	
51.50	54.40	And	
54.40	60.90	Clay/Di?	
60.90	61.90	Clay	
61.90	71.40	Gd/Clay	
71.40	74.40	Alt. Gd	
74.40	77.20	Alt.	
77.20	89.00	Sluff	
89.00	93.60	Alt. Gd	
93.60	95.00	Clay	
95.00	103.10	Gd	
103.10	103.90	Clay	
103.90	106.80	Dac?	
106.80	118.70	Gd	
118.70	120.00	Talus	

Primary Intervals		Lith	Lithology	Description	Mineralization							Alteration																		Shearing	Fracture	Veining				Brecciation						NE Contact		SW Contact	
From	To	Code			Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	Intensity	Intensity	% Vn	Width	Type	Minerals	Clasts	% Clasts	Rounding	Matrix	% Matrix	Intensity	Strike/Dip	Description	Strike/Dip	Description
0.00	13.40		Water	Water is deep. Lots of sluffing soil and clay, no sample.																																								
13.40	16.60	Gd	Granodiorite, Diorite?	Moderate limonite alteration, on fracture surfaces, healing hairline fractures. Muddy, frequently fractured rock, probably subcrop. 50% quartz phenocrysts are preserved, mg, some cg, transparent and rounded. Remainder is moderately sericite altered, possible albetized. Light creamy yellow colour, vfg, no visible texture. 2% oxidized, cubic vugs. Some brown-orange clay is mixed in. Hard to find fresh surface, friable, therefore textures are mostly gone. Weak MgO on fractures. Accessory muscovite, increases to 30% near SW contact, hexagonal with a milky-grey colour, possible altered biotite. Trace pyrite. Fracture at 14.80m: 035°/70°W. 16.60-17.60m, rock on S-face is cg 50% qtz, 50% biotite diorite, representing protolith on N-face. Weakly chlorite altered. Contact at 16.60m generally trends 008°, dip is steep but not really measureable.	0.1	0	0	0	0	0	Disseminated	Light Creamy Yellow	0	0	0	3	0	0	0	3	0	0	0	0	0	0	2	1	Patchy	-	4	5	<1mm	healed fractures	lim	-	-	-	-	-	-	-	-	008/??	steep dip
16.60	23.30	Cly	Clay	Orange-brown clay. Crumbly. No silicates preserved. 20cm MgO stain at 17.60m. Competent granodiorite in places contains 70% quartz and 25% biotite. Interstitial chlorite and trace pyrite from 18.40-18.80m. From 19.50-19.70m there is another competent portion of GRD, moderately altered by limonite. On the whole this interval contains scattered chunks of granodiorite varying from none to moderate sericite alteration.	0.1	0	0	0	0	0	Disseminated 18.40-18.80m	Orange-Brown	0	0	0	2	0	0	0	3	0	0	0	2	0	0	0	2	Patchy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	008/??	steep dip	-	clay, rubble
23.30	25.20	Alt	Altered Rock	From about 20.00-23.50m the south face is stained by MgO. NE contact is hard to measure due to rubble on south face, seems to be gradual/interfingered. Silica flooded rock, remnant texture seems to be equant, m-cg, no fabric observed. Minor fine vugs up to 5%. <0.5% py, fg, diss. Some minor staining by creamy yellow sericite. Minor salmon-pink staining, possibly K-spar but more likely hem-lim. Interstitial weak limonite, sometimes forms rings ~4cm in diameter and 1-4cm wide. Brown, light-grey on fresh surfaces. Protolith is probably GRD.	0	0	0	0	0	0	-	Brown Fractures, Light Grey Fresh, Creamy Yellow & Salmon Pink Staining	4	3	0	1	0	0	0	2	1	0	0	0	0	0	0	0	Pervasive	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	clay, rubble	-	clay, rubble
25.20	27.20	Cly	Clay	Mixed clay. Brown-orange, some yellow, some medium-grey.	0	0	0	0	0	0	-	Brown-Orange	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	clay, rubble	-	clay, rubble
27.20	39.90	Cly/Gd	Clay & Granodiorite	Mixed clay and granodiorite. NE contact is not sharp, clay (brown with orange and yellow) gradually begins to contain competent GRD over a few meters. Granodiorite is cg, 0.5-0.7cm phenocrysts, 60% quartz, 30% biotite and 5% muscovite with moderate to strong, interstitial limonite. Fracture at 31.90m: 060°/62°E, but possibly subcrop. 31.20-31.80m is altered by creamy-yellow brown clay. At 31.50m and 35.60m there are 2 small pinkish-red stains, probably hematite. Contact at 39.90m trends 099°, unsure of dip due to rubble. South slope has some MgO staining in clay at 38.80m. 38.90-39.90m: transition zone with clay and rubble QP.	0	0	0	0	0	0	-		0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	Patchy	-	4	-	-	-	-	-	-	-	-	-	-	-	-	099/??	1m transition from 38.9		
39.90	47.50	QP	Quartz Porphyry	Possibly QFP. Vfg medium greenish-grey matrix: weakly altered by chl, fairly soft (~5), concoidal fracturing probably due to fine grained nature (possibly overprinted silica alteration). Up to 7% quartz phenocrysts are clear, 0.5-4mm in size, often rounded. Up to 3% muscovite, 0.5-1.5m books, possibly altered feldspar. Fracturing is common, bedrock fragments are angular, approximately 5x5x20cm. All fragments have ~1cm limonite weathering halo around fractures. Up to 1% fg disseminated pyrite, true quantity is a bit hard to judge due to lighting and muscovite content. Matrix is sometimes orangy (fg K-spar or hem alteration?). 3 common fracture planes in QP, #1 and 2 are horst and graben: 1) 158°/80°W, 120°/80°W 2) 342°/78°NE 3) 225°/78°W, 054°/89°E Contact at 47.50m trends 285°, dip obscured by clay and rubble.	0.5	0	0	0	0	0	Disseminated	Medium Greenish-Grey	2?	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	Pervasive	-	3	-	-	-	-	-	-	-	-	-	-	-	-	099/??	1m transition	285/??	clay, rubble
47.50	51.50	Cly	Clay	Brown clay, some orange. Near 47.50m, very friable clay altered rock exists, blackened by MgO, one fresh surface shows a silica rich, fg rock with trace pyrite, similar to QP to the NE but matrix fg instead of vfg.	0.1	0	0	0	0	0	Disseminated	Brown-Orange	2?	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	Patchy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	285/??	clay, rubble	-	clay, rubble
51.50	54.40	And	Andesite	Vfg rock. Medium greenish-grey. No fabric observed. Moderate chlorite alteration. 2% vfg disseminated pyrite. Trace galena > arseno, up to 2% locally. 0-3% clear qtz eyes 2mm in diameter. Weak silica alteration has been overprinted by chl, hardness ~4.5. Only minerals identified are 50% chl, 20% qtz, 1-3% sulphides, the remainder is too fg to distinguish. 1-3mm remnant phenocrysts of soft whitish-green chl/clay altered feldspars(?), 0-6%, interval is possibly QFP. Subcrop, irregular fracturing. Weak to moderate limonite alteration increases at near contacts. Contact obscured, not measurable. From 51.50-60.90m the grain size varies from fine to coarse and is moderately chlorite altered. It seems likely that this interval is part of the same genetic package that contains the granodiorite to the north.	2	0.1	0.5	0	0	0	Very Fine Grained, Disseminated, Local	Medium Greenish-Grey	2	0	0	0	0	0	0	2	0	0	0	3	0	0	0	0	Patchy	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	clay, rubble	-	clay, rubble
54.40	60.90	Cly/Di?	Clay & Diorite?	This interval is mostly brown clay. Competent rock is fractured, similar in composition to the previous interval, moderately chl altered, contains 3% fg cubic pyrite which increases in fractures. 40% cg quartz, 50% chlorite, indistinct grain boundaries (previous interval may have the same protolith but any grain boundaries have been overprinted) 54.40-55.40m is a transition zone with strong limonite and weak MgO alteration, vuggy, 10% quartz. 59.10-60.90m is 90% brown clay. Rocks are strongly limonite altered and weakly stained by MgO in fractures.	3	0	0	0	0	0	Cubic, Fracture Controlled	Brown	1	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	Patchy	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	clay, rubble	-	clay, rubble
60.90	61.90	Cly	Clay	Siliceous. Vuggy. Textures are hard to distinguish. Similar to transition zone at start of interval. Grey and brown clay with some rounded quartz pebbles.	0	0	0	0	0	0	-	Grey & Brown	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	2	Patchy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	clay, rubble	-	clay, rubble
61.90	71.40	Gd/Cly	Granodiorite & Clay	Different from 51.50-60.90m because chl is subtle to none, less mafic minerals overall but is similar. Relatively weak clay alteration. Vuggy. Weak MgO in fractures. 1% disseminated and fracture controlled pyrite. Competent portions are cg, 30% biotite, 50% quartz, 10% chl often with biotite. Weak alteration by milky yellowy-white mineral, albite and sericite? Fracture at 67.70m (subcrop?): 172°/90°. 65.70-6.70m is vuggy, silica washed, clay altered granodiorite. 61.90-62.20m friable clay-rich rock, texture has been mostly obliterated by weathering. Brown, vuggy, strong limonite, some granodiorite observed.	1	0	0	0	0	0	Disseminated, Fracture Controlled	Milky Yellow-White	0	0	0	2	0	0	0	0	0	0	0	1	0	0	2	2	Pervasive	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	clay, rubble	-	clay, rubble
71.40	74.40	Alt Gd	Altered Granodiorite	Fracturing is similar to previous lithology (broken surfaces are concoidal). Mostly vfg, soft (~4.5) mineral alters most of rock, milky yellow-white, probably sericite. 1-3% disseminated and fracture controlled pyrite. Moderate MgO percolates into rock from fractures planes which are common. Some sulphides are yellowish, cpy or tarnished py. Weak limonite alteration sometimes highlights cg texture.	2	0	0	0	0	0	Disseminated, Fracture Controlled	Milky Yellow-White	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0	0	Pervasive	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	clay, rubble	-	clay, rubble
74.40	77.20	Alt	Altered Rock	Silica washed, bleached zone. Vuggy rubble. Protolith most likely granodiorite.	0	0	0	0	0	0	-	White	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Pervasive	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	clay, rubble	-	sluff
77.20	89.00		Sluff	Too much sluffing, no sample. Most fragments are GRD of varying alteration.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	sluff	-	sluff
89.00	93.60	Alt Gd	Altered Granodiorite	Very friable, almost impossible to find a fresh surface. Fractures are often stained with limonite and occasionally by manganese (sometimes healing fractures). Bleached yellowy-tan colour. Vuggy. Lots of brown clay mixed in. Visible minerals are quartz>sericite, sometimes displaying cg texture.	0	0	0	0	0	0	-	Bleached Yellowy-Tan	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0	2	Patchy	-	5	2	<1mm	healed fractures	MgO	-	-	-	-	-	-	-	-	-	sluff	-	clay, rubble
93.60	95.00	Cly	Clay	Yellowy-brown clay, contains ~30% 1-3mm qtz grains.	0	0	0	0	0	0	-	Yellowy-Brown	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	2	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	clay, rubble	-	clay, rubble
95.00	103.10	Gd	Granodiorite	Friable, fresh surface are difficult to find and are small when found. 1% disseminated pyrite. Cg, 40% biotite, 50% qtz. Strong limonite is pervasive and often infills fractures, sometimes replaced select cg phenocrysts. Some patches, not much more than 30cm wide are only weakly limonite altered and slightly more competent, these portions are strongly altered by semi-massive manganese, possibly trace galena (or shiny fleck of MgO). Some brown clay mixed in. Occasional patches are altered by orange and yellow clay, especially as halos near MgO rich patches. 101.20-103.10m more competent, less altered, moderate MgO. Fracture at 96.70m: 246°/86°. Many irregular fracture planes are perpendicular to this one.	1	0	0	0	0	.1?	Disseminated		0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	1	Patchy	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	clay, rubble	-	clay, rubble
103.10	103.90	Cly	Clay	Small interval of yellowy grey-brown clay with quartz. Contact at 103.90m: ~103°/subvertical (actual dip is hard to measure).	0	0	0	0	0	0	-	Yellowy Grey-Brown	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	1	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	clay, rubble	103/??	subvertical
103.90	106.80	Dac?	Dacite?	Possibly dacite. 70% vfg groundmass, medium grey with a hint of tan. 15% elongate amphibole, <0.5mm by 1-3mm, have been mostly altered by black chlorite. Soft rock (~4). Groundmass is weakly altered by sericite and chlorite, sericite causes irregular cleavage. 5% green to black chlorite phenocrysts are round and 2-5mm in diameter. Accessory muscovite <1%. A few rounded shadow clasts are observed, seen in radiating colour change from tan-grey to grey fading over a few mm, possibly evidence of brecciation/transport of lithic fragments? Trace vfg disseminated pyrite, also in hairline fractures. After 106.20m, clay (brown) alteration is moderate and manganese is weak. Clay alteration gradually increases towards SW contact. SW contact contains about 6cm of clay, surrounding rocks are rubbly and friable, not measurable. Fracture at 103.50m belong to this unit but is on SE side of trench: 214°/60°NW. Fracture at 105.00m: 188°/68°W. Fracture at 105.80m on SE side of trench: 054°/90°.	0.1	0	0	0	0	0	Very Fine Grained Disseminated, Hairline Fracture Controlled	Medium Grey w/ hint of Tan	0	0	0	2	0	0	0	3	0	0	0	2	0	0	0	2	Pervasive	-	3	-	-	-	-	-	-	-	-	-	-	-	-	103/??	subvertical	-	clay, rubble
106.80	118.70	Gd	Granodiorite	Moderately altered by brown clay, friable granodiorite. Same as 95.00-103.10m. Moderately altered by clay to 115.50m, after rock is fresher and more competent. 109.30-110.10m altered by orange and yellow clay. This section trends 353° and is continuous on the other side of the trench. Only quartz is preserved, vuggy. 113.70-114.70m red/orange/yellow clay zone trending 009°/78°NW, possibly altered by moderate hematite? 116.70-117.50m Dyke? Grey groundmass altered by weak sericite. Some phenocrysts, ~2-3mm, are altered to sericite (from feldspar). 5% amphiboles altered to black chlorite <3mm long. Similar to 103.90-106.80m. Trends 000°/73°E Several fracture planes with no preferred orientation, a few examples are: Fracture at 109.60m: 326°/84°N. Fracture at 113.10m: 090°/88°S. Fracture at 116.00m: 225°/87°NW. Fracture at 117.00m on NE-side of trench: 055°/61°SE. Fracture at 117.00m on trench floor: 059°/72°SE. Fractures at 117.00m on SW-side of trench: 235°/81°NW, 345°/72°NE.	0	0	0	0	0	0	-	Brown	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	1	Patchy	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	clay, rubble	-	-
118.70	120.00		Talus	Talus begins and continues for about 30m beyond the end of the bedrock, then there is about 20m of drainage. Talus is mostly Grd and Dac. No sample.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Interval						Au	Mo	Cu	Pb	Zn	Ag
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	PPM	PPM	PPM	PPM
13.40	15.00	1.60	523539		Granodiorite, Diorite?	0.024	0.7	77.3	79.3	98	2.0
15.00	16.60	1.60	523540		Granodiorite, Diorite?	0.046	0.7	88.9	25.6	84	0.7
16.60	18.30	1.70	523541		Clay	0.021	0.5	174.6	22.8	308	0.7
18.30	20.30	2.00	523542		Clay	0.037	0.6	76.9	16.1	71	0.7
20.30	22.30	2.00	523543		Clay	0.037	1.3	83.8	69.3	164	1.6
22.30	23.30	1.00	523544		Clay	0.014	0.9	101.2	51.9	200	0.6
23.30	23.30		523545	**STD: PM 436**		0.417	9.8	138.4	7.7	50	0.2
23.30	25.20	1.90	523546		Altered Rock	0.113	1.2	54.0	190.5	133	3.1
25.20	27.20	2.00	523547		Clay	0.022	0.7	105.2	43.2	159	0.8
27.20	29.20	2.00	523548		Clay & Granodoirite	0.016	0.5	84.0	19.6	84	0.5
29.20	31.20	2.00	523549		Clay & Granodoirite	0.017	0.5	47.0	45.3	83	0.7
31.20	33.20	2.00	523550		Clay & Granodoirite	0.032	0.3	52.8	103.4	52	1.6
33.20	35.20	2.00	523551		Clay & Granodoirite	0.014	0.5	24.4	155.2	36	0.9
35.20	37.20	2.00	523552		Clay & Granodoirite	0.012	0.4	17.3	75.3	53	0.7
37.20	38.90	1.70	523553		Clay & Granodoirite	0.012	1.0	111.7	227.3	212	1.6
38.90	39.90	1.00	523554		Clay & Granodoirite	0.008	2.9	82.7	24.0	514	<0.1
39.90	41.90	2.00	523555		Quartz Porphyry	<0.005	2.2	10.5	9.6	167	<0.1
41.90	43.90	2.00	523556		Quartz Porphyry	0.005	1.7	9.3	12.6	142	<0.1
43.90	45.90	2.00	523557		Quartz Porphyry	0.006	1.6	6.8	11.0	366	<0.1
45.90	47.50	1.60	523558		Quartz Porphyry	0.008	2.3	15.5	32.4	437	<0.1
47.50	49.50	2.00	523559		Clay	0.028	0.7	76.6	492.4	514	2.3
47.50	49.50	2.00	523560	**Duplicate**	Clay	0.030	0.8	57.2	443.2	465	1.8
49.50	51.50	2.00	523561		Clay	0.181	0.4	73.0	334.5	657	2.6
51.50	53.10	1.60	523562		Andesite	0.026	2.2	76.3	1094.3	1859	4.5
53.10	54.40	1.30	523563		Andesite	0.019	2.2	133.5	1831.4	2400	7.0
54.40	54.40		523564	**Blank**		<0.005	<0.1	0.9	1.8	12	<0.1
54.40	55.40	1.00	523565		Clay & Diorite?	0.028	2.0	21.4	725.9	812	2.5
55.40	57.40	2.00	523566		Clay & Diorite?	0.011	0.4	28.5	211.0	349	1.0
57.40	59.10	1.70	523567		Clay & Diorite?	0.018	0.6	84.4	475.4	514	1.1
59.10	60.90	1.80	523568		Clay & Diorite?	0.020	1.5	72.9	619.5	358	3.4
60.90	61.90	1.00	523569		Clay	0.129	3.3	23.1	1906.4	85	25.3
61.90	63.20	1.30	523570		Granodiorite & Clay	0.026	1.4	77.3	503.6	209	4.2
63.20	65.70	2.50	523571		Granodiorite & Clay	0.042	0.6	44.2	260.2	161	4.2
65.70	67.70	2.00	523572		Granodiorite & Clay	0.020	0.7	29.9	337.1	142	1.7
67.70	69.60	1.90	523573		Granodiorite & Clay	0.007	0.5	33.2	85.6	117	0.7
69.60	71.40	1.80	523574		Granodiorite & Clay	0.015	0.4	23.5	192.2	91	1.3
71.40	71.40		523575	**STD: PM 925**		>10.000	7.7	122.4	19.4	58	>100.0
71.40	74.40	3.00	523576		Altered granodiorite	0.011	0.5	29.5	126.2	252	0.7
74.40	75.70	1.30	523577		Altered Rock	0.032	0.5	20.7	495.8	99	5.0
75.70	77.20	1.50	523578	skipped 77.2-89.0m due to sluffing	Altered Rock	0.013	1.4	30.5	227.7	214	1.8
89.00	90.40	1.40	523579		Altered Granodiorite	0.071	2.3	17.4	444.8	125	3.1
90.40	92.30	1.90	523580		Altered Granodiorite	0.042	1.5	21.2	383.9	159	2.4
92.30	93.60	1.30	523581		Altered Granodiorite	0.054	0.8	56.3	84.3	127	1.2
93.60	95.00	1.40	523582		Clay	0.044	2.7	52.2	155.4	110	2.1
95.00	97.50	2.50	523583		Granodiorite	0.073	0.5	75.7	55.5	78	1.4
97.50	99.50	2.00	523584		Granodiorite	0.040	0.7	72.7	49.3	130	0.9
99.50	101.20	1.70	523585		Granodiorite	0.023	0.9	121.0	40.6	298	0.8
101.20	103.10	1.90	523586		Granodiorite	0.032	0.6	69.1	29.3	160	0.5
103.10	103.90	0.80	523587		Clay	0.074	1.0	26.1	16.3	88	0.5
103.90	106.80	2.90	523588		Dacite?	<0.005	1.4	27.7	18.6	234	0.2
106.80	109.00	2.20	523589	**Duplicate**	Granodiorite	0.034	1.2	89.1	60.2	145	1.2
106.80	109.00	2.20	523590		Granodiorite	0.030	1.2	90.4	63.8	159	1.2
109.00	111.00	2.00	523591		Granodiorite	0.034	0.9	40.5	28.2	72	1.4
111.00	113.50	2.50	523592		Granodiorite	0.033	0.8	134.1	976.9	146	4.0
113.50	115.50	2.00	523593		Granodiorite	0.017	0.9	64.1	172.7	136	2.4
115.50	116.70	1.20	523594		Granodiorite	<0.005	0.4	38.4	18.0	70	0.4
116.70	117.50	0.80	523595		Granodiorite	<0.005	0.9	16.9	21.4	128	0.1
117.50	118.70	1.20	523596		Granodiorite	<0.005	1.2	24.6	25.2	136	0.2
118.70	118.70		523597	**Blank**		<0.005	0.2	0.6	1.0	13	<0.1

Charlotte Project

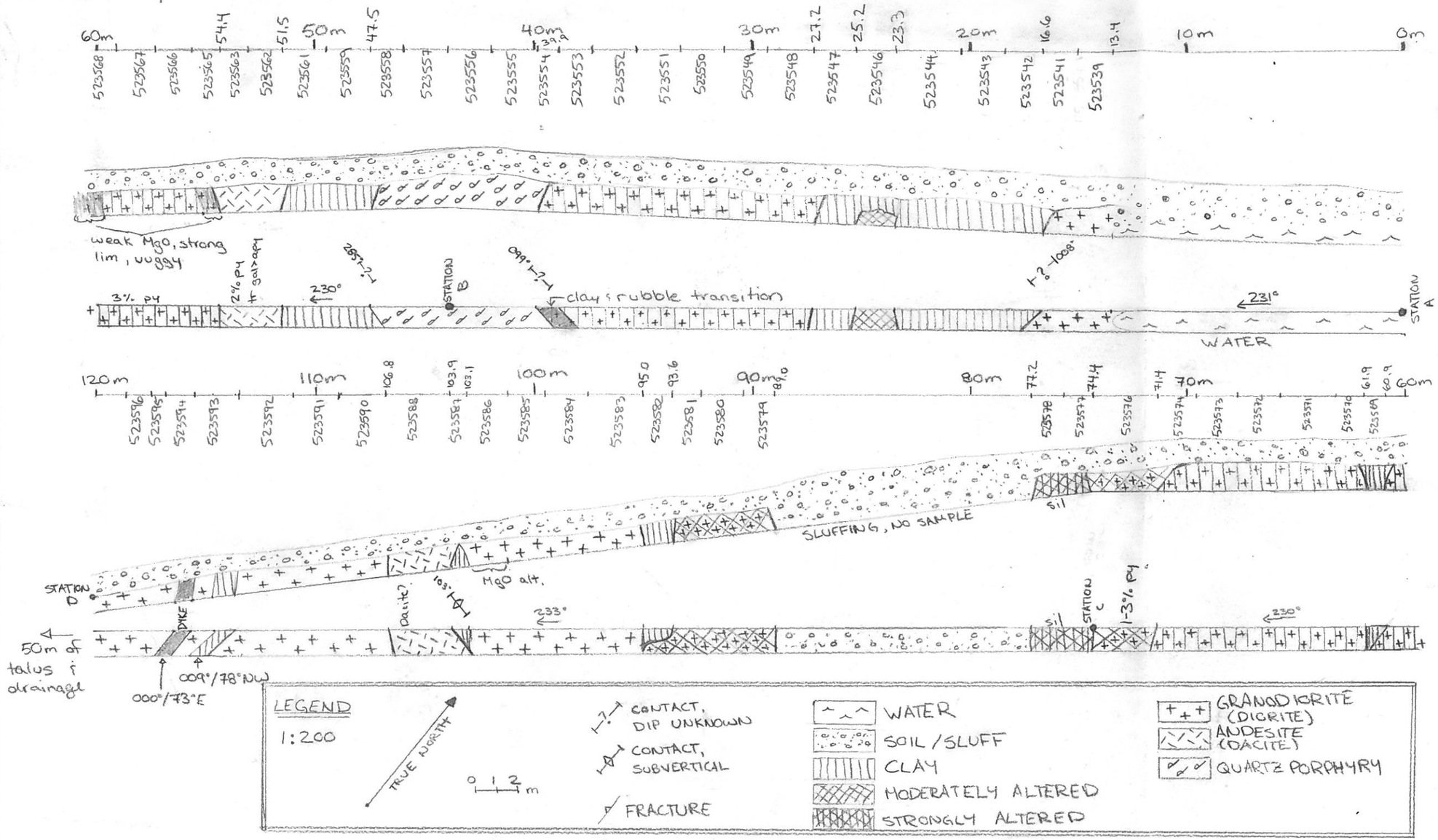
GRW-TR10-03

Survey Data

Station	Easting	Northing	Azimuth	Inclination	Slope	From	To	Length
A	387535	6885465	231^0	$+2^0$	S	0.00	43.90	43.90
B	387501	6885440	230^0	-0.5^0	N	43.90	74.40	30.50
C	387473	6885420	233^0	-7^0	N	74.40	120.00	45.60
D	387440	6885393				120.00		

PROJECT: Charlotte
AREA: GRW zone
DATE: July 16-18, 2011
MAPPER: A. Paquet (J. Chinn)

GRW-TR10-03



NW Face is mapped from NE to SW

LEGEND

1:200

TRUE NORTH

0 1 2 m

- CONTACT, DIP UNKNOWN
- CONTACT, SUBVERTICAL
- FRACTURE
- WATER
- SOIL / SLUFF
- CLAY
- MODERATELY ALTERED
- STRONGLY ALTERED
- GRANODIORITE (DIORITE)
- ANDESITE (DACITE)
- QUARTZ PORPHYRY

Trench Name	OK-TR10-08
Location	GRW
Total Length	60.00m
Date(s) Mapped	July 14, 2011
Loggers	L. Binnion and J. Chinn
Number of Samples	21
Mapping Direction	SW to NE
Face Mapped (NSEW)	NE

Summary of Lithology

From	To	Lithology	Comments
0.00	3.50	OB	
3.50	7.30	Gd	2% pyrite
7.30	7.80	Blh Gd	
7.80	8.80	Clay	
8.80	10.90	Gd	Extensive Mn staining
10.90	11.80	Gd	
11.80	13.70	Gd	Friable
13.70	14.30	Gd	Extremely altered
14.30	16.10	Clay	
16.10	22.00	OB	
22.00	23.70	Tuff	Quartz eyes euhedral pyrite
23.70	24.70	Alt.	Friable
24.70	30.00	OB	
30.00	32.90	And	2% vfg euhedral pyrite
32.90	33.30	Gouge	
33.30	34.70	Alt.	
34.70	36.00	Clay	
36.00	39.30	Gd	
39.30	39.60	Gouge	
39.60	40.60	Gd	
40.60	42.20	Clay	
42.20	46.80	Gd	Very altered and friable
46.80	48.30	OB	
48.30	48.80	Blh Gd	
48.80	49.50	Gd	Friable, limonite btw quartz grains
49.50	50.00	Gouge	
50.00	52.80	Gd	
52.80	60.00	Gd	

Primary Intervals		Lith	Lithology	Description	Mineralization							Alteration																		Foliation	Shearing		Fractures		Veins						Brecciation						Upper Contact (S/W)		Lower Contact (N/E)	
From	To	Code			Py%	Asp	Gn%	Sp%	Cp	FSx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clast	%	Rounding	Matrix	% Matrix	Intensity	to CA	Description	to CA	Description
0.00	3.50	OB	Overburden																																													
3.50	7.30	Gd	Granodiorite	Coarse-grained grey-blue rock with an intrusive texture and felsic (granodiorite) composition. Contains 40% quartz, 25% feldspar, 23% mafic (including biotite), 5% chlorite, 2% disseminated pyrite. The rock is not very altered.	2%	0	0	0	0	0	Disseminated, concentrated along fracture planes	Grey-Blue	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	Patches	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.30	7.80	Blh Gd	Bleached Granodiorite	Likely the same protolith as 3.50-7.30m but very altered and bleached with vuggy textures. White-yellow colour. 90% quartz, 10% orange alteration mineral (limonite).	0	0	0	0	0	0	-	White-Yellow	4	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.80	8.80	Cly	Clay		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.80	10.90	Gd	Granodiorite	2cm rim of sericite-limonite altered granodiorite with a Mn-stained center. No fresh rock was found in the center no matter where it was broken. Starting at 9.50m the center starts becoming less and less altered and the rim becomes smaller and smaller.	0	0	0	0	0	0	-	Dark Blue	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	-	Rim	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.90	11.80	Gd	Granodiorite	Coarse-grained grey-blue rock with an intrusive texture and felsic (granodiorite) composition. Contains 40% quartz, 25% feldspar, 23% mafic (including biotite), 5% chlorite, 2% disseminated pyrite. The rock is not very altered.	2%	0	0	0	0	0	Disseminated, concentrated along fracture planes	Grey-Blue	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	Patches	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.80	13.70	Gd	Granodiorite	As above but outcrop is very friable and the rock has a yellow tinge to it. Surface alteration is more extreme. At 13.30m there is a 10cm subvertical, very altered, sheared dyke.	-	-	-	-	-	-	-	Grey-Blue, Yellow Tinge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.70	14.30	Gd	Granodiorite	Some remnant intrusive textures are seen but the rock has been extremely altered to a light orange-brown mineral.	0	0	0	0	0	0	-	Light Orange-Brown	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14.30	16.10	Cly	Clay	No outcrop, small rock chips that are white and the beginning of the interval and then become orange.	0	0	0	0	0	0	-	White, Orange	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16.10	22.00	OB	Overburden	Medium sized blocks of fg grey volcanic-textured rocks with quartz eyes.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22.00	23.70	Tuff	Tuff	Soft, tan-pale green coloured aphanitic rock with quartz eyes and vfg disseminated euhedral pyrite.	1%	0	0	0	0	0	Disseminated	Tan, Pale-Green	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23.70	24.70	Alt	Strongly Altered Rock	Extremely friable, completely altered to orange-brown mineral.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24.70	30.00	OB	Overburden		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30.00	32.90	And	Porphyritic Andesite	Soft, grey-greenish rock with feldspar phenocrysts in a vfg matrix. Contains 2% vfg euhedral pyrite.	2%						Disseminated	Grey-Green	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32.90	33.30	Cly	Gouge	Light yellow colour.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33.30	34.70	Alt	Strongly Altered Rock	Extremely friable, completely altered to orange-brown mineral.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34.70	36.00	Cly	Clay		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36.00	39.30	Gd	Granodiorite	Coarse-grained grey-blue rock with an intrusive texture and felsic (granodiorite) composition. Contains 40% quartz, 25% feldspar, 23% mafic (including biotite), 5% chlorite, 2% disseminated pyrite. Yellow alteration mineral.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39.30	39.60	Cly	Gouge	Yellow colour.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39.60	40.60	Gd	Granodiorite	Coarse-grained grey-blue rock with an intrusive texture and felsic (granodiorite) composition. Contains 40% quartz, 25% feldspar, 23% mafic (including biotite), 5% chlorite, 2% disseminated pyrite. Yellow alteration mineral.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40.60	42.20	Cly	Clay		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42.20	46.80	Gd	Granodiorite	Completely altered and very friable, but texture is preserved. Displays manganese staining and contains trace disseminated pyrite.	trace	0	0	0	0	0	Disseminated	Orange-Brown	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	Pervasive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46.80	48.30	OB	Overburden		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48.30	48.80	Gd	Granodiorite	Likely the same protolith as 3.50-7.30m but very altered and bleached with vuggy textures. White-yellow colour. 90% quartz, 10% orange alteration mineral (limonite).	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48.80	49.50	Gd	Granodiorite	As above but more friable with limonite between all the quartz grains.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49.50	50.00	Cly	Gouge	Orange coloured.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50.00	52.80	Gd	Granodiorite	As 48.80-49.50m but there is yellow clay between the quartz grains rather than limonite.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52.80	60.00	Gd	Granodiorite	Coarse-grained grey-blue rock with an intrusive texture and felsic (granodiorite) composition. Contains 40% quartz, 25% feldspar, 23% mafic (including biotite), 5% chlorite, 2% disseminated pyrite. The rock is not very altered. At 57.10m, there is a 10cm altered dyke which is sheared and near vertical.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Interval						Au	Mo	Cu	Pb	Zn	Ag
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	PPM	PPM	PPM	PPM
3.50	5.50	2.00	523517		Granodiorite	0.013	0.4	45.3	21.8	76	0.7
5.50	7.80	2.30	523518		Granodiorite	0.02	2	62.7	256.6	175	1.7
8.80	10.90	2.10	523519		Granodiorite	0.009	0.7	69.4	35.9	178	0.5
10.90	11.80	0.90	523520		Granodiorite	0.011	0.9	33	16.9	79	0.4
11.80	14.30	2.50	523521		Granodiorite	0.017	2.6	69.3	50.2	200	0.9
11.90	14.30	2.40	523522	**Duplicate**	Granodiorite	0.013	2.5	38.7	44	127	0.8
22.00	23.70	1.70	523523		Tuff	0.025	4.2	44.4	32	509	0.4
23.70	24.70	1.00	523524		Strongly Altered Rock	0.041	2.4	41.9	274	866	2.5
30.00	32.90	2.90	523525		Porphyritic Andesite	0.022	2	105.7	2933.5	2312	5.6
33.30	34.70	1.40	523526		Strongly Altered Rock	0.02	0.5	60.9	962.3	242	2.6
36.00	38.00	2.00	523527		Granodiorite	0.016	0.5	44.4	122.2	122	1.2
38.00	38.00		523528	**STD: Cu 171**		0.239	282	1685.9	28.8	107	13.9
38.00	39.30	1.30	523529		Granodiorite	0.021	0.6	68.6	227	136	1.9
39.60	40.60	1.00	523530		Granodiorite	0.018	0.5	63.8	140	140	1.1
42.20	44.50	2.30	523531		Granodiorite	0.029	0.5	176.6	69.4	103	3
44.50	46.80	2.30	523532		Granodiorite	0.034	0.3	177	64.7	141	2.9
48.30	49.50	1.20	523533		Granodiorite	0.212	1.6	47.5	195.1	333	4.1
50.00	52.80	2.80	523534		Granodiorite	0.206	2.8	33.2	382	64	5
52.80	55.00	2.20	523535		Granodiorite	0.146	0.7	37.9	86.3	82	1.5
55.00	57.50	2.50	523536		Granodiorite	0.039	0.9	31.3	40.9	48	1.1
57.50	60.00	2.50	523537		Granodiorite	0.024	0.5	54.4	50	80	1.3
60.00	60.00		523538	**Blank**		<0.005	<0.1	0.4	1.6	17	<0.1

Charlotte Project

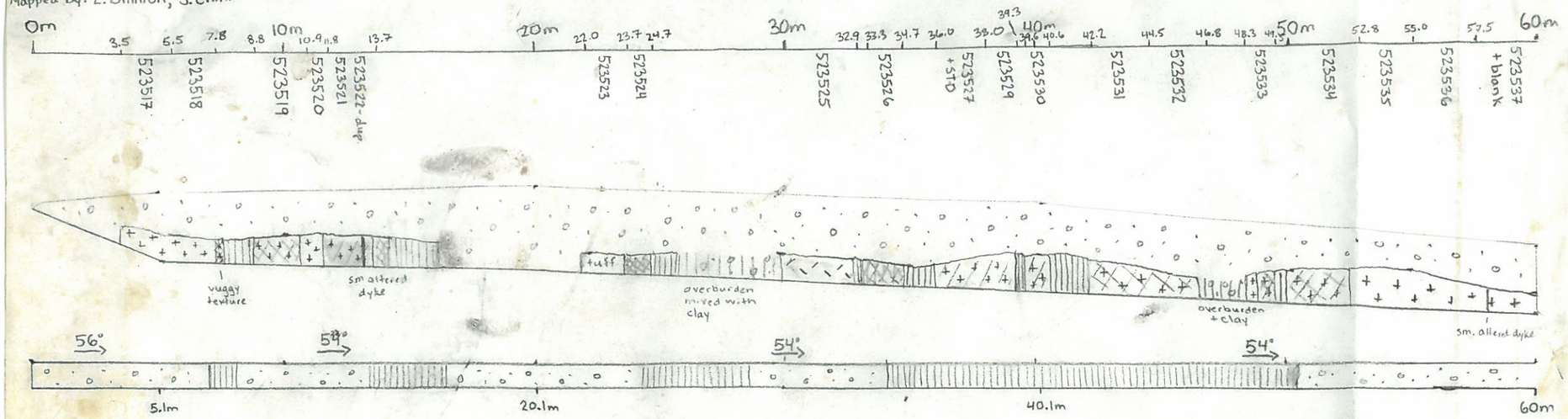
GRW-TR10-05

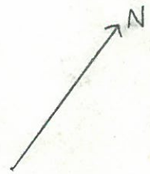
Survey Data

Station	Easting	Northing	Azimuth	Inclination	Slope	From	To	Length
1	387464	6885458	056^0	-22^0	N	0.00	5.10	5.10
2	387476	6885467	054^0	-1^0	N	5.10	20.10	15.00
3	387495	6885478	054^0	-2^0	N	20.10	40.10	20.00
4	387508	6885488	054^0	-2^0	N	40.10	60.00	19.90

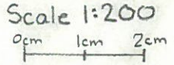
Charlotte
GRW
: 14 July 2011
Mapped by: L. Binnion, J. Chinn

GRW-TRIO-05





Scale 1:200



LEGEND

- Overburden
- Andesite
- Granodiorite
- Clay/gouge
- Weak Alteration
- Moderate Alteration
- Strong Alteration

Trench Name	GRW-TR11-06
Location	GRW
Total Length	109.00m
Date(s) Mapped	August 17-18, 2011
Loggers	L.Betton and J.Chinn
Number of Samples	42
Mapping Direction	SSE -NNW
Face Mapped (NSEW)	NNE

Summary of Lithology

From	To	Lithology	Comments
0.00	5.00	Sand, Gravel & Clay	
5.00	10.00	Gd in Clay & Sand	
10.00	34.60	QFP	
34.60	43.00	?	
43.00	44.00	QFP	Silicifed
44.00	52.40	Gd	
52.40	56.40	QFP	
56.40	63.00	Gd	
63.00	70.00	No Sample	
70.00	75.00	QFP	
75.00	78.00	Gd	
78.00	81.00	No Sample	
81.00	83.70	Gd	
83.70	85.10	QFP	
85.10	87.60	Gd & Clay	
87.60	88.60	?	
88.60	90.60	Gd, QFP & Clay	
90.60	93.00	QFP	
93.00	98.00	QFP in Clay	
98.00	105.00	Gd	
105.00	108.00	QFP	

Primary Intervals		Lith	Lithology	Description	Mineralization							Alteration																Shearing	Fracture	Veining			Brecciation						Upper Contact (S/W)		Lower Contact (N/E)	
From	To	Code			Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	Intensity	Intensity	% Vn	Width	Type	Minerals	Clasts	% Clasts	Rounding	Matrix	% Matrix	Intensity	Strike/Dip	Description	Strike/Dip	Description
0.00	5.00	Cly	Clay, Sand, Gravel	Sand, gravel and clay all mixed together with rock fragments mixed in. Sediments are layered.								Dark Orange to Brown								4				2				2																
5.00	10.00	Cly/Gd	Clay & Sand w/ Granodiorite	Some mixture of sediments as seen as before, with larger rock fragments of granodiorite. The granodiorite is medium grained, medium grey to white, feldspar rich, large amount of chlorite alteration. Euhedral pyrite crystals. Rust stain on the inside.	2						Crystals	Medium Grey to White								4				2		1			Patchy																
10.00	34.60	QFP	Quartz-Feldspar Porphyry	Large quartz and feldspar phenocrysts, white to light grey. Euhedral pyrite crystals throughout, small amount of chlorite and epidote alteration. MgO and limonite weathering on outside of rock. Also, disseminated and fracture controlled pyrite. Heavily altered towards contact.	3						Crystals	Light Grey to White								3			3	2		2			Patchy																
34.60	43.00	?	?	Coarse grained, phaneritic with quartz and feldspar crystals. Large amounts of biotite. Dark grey to white and no visible sulphides. Very magnetic (magnetite) with limonite weathering. Becoming very altered towards the contact.								Dark Grey to White											3						Patchy																
43.00	44.00	QFP	Quartz-Feldspar Porphyry	Silicified porphyry, bleached with lim alteration, and limonite stringers. Medium grained and yellowish to light grey.							Disseminated	Yellowish to Light Grey	4		2					2				1		1			Patchy																
44.00	52.40	Gd	Granodiorite	Medium grained, non magnetic, large quartz crystals, possible silicified matrix. Light grey to purplely grey, with blebs of pyrite (trace). Some sulphides are starting to oxidize.	0.1						Blebs	Medium Grey to White								3				2					Patchy																
52.40	56.40	QFP	Quartz-Feldspar Porphyry	Same rock as section between 10.00-34.60m. The contact is striking NW. Black flecks within a bluish grey matrix with feldspar and quartz phenocrysts.	2						Disseminated	Bluish Grey to White								2				3		2			Patchy																
56.40	63.00	Gd	Granodiorite	White to grey, quartz rich, pyrite on fractures and disseminated throughout. Chlorite alteration as well as MgO alteration, section in with sand and gravel.	1-4						Fractures & Disseminated	White to Grey								1				2		2			Patchy																
63.00	70.00		No Sample																																							
70.00	75.00	QFP	Quartz-Feldspar Porphyry	Some rocks have minimal phenocrysts, disseminated pyrite . Same as QFP from 10.00-34.60m.	2						Disseminated	Bluish Grey to White								3				3		2			Patchy																
75.00	78.00	Gd	Granodiorite	Same granodiorite as before.	2						Blebs	White to Grey								3				2					Patchy																
78.00	81.00		No Sample																																							
81.00	83.70	Gd	Granodiorite	Small amount of chlorite and mafics. White to light grey, medium grained, limonite alterations and trace sulphides.	0.1						Disseminated	White to Light Grey								2				1		1			Patchy																
83.70	85.10	QFP	Quartz-Feldspar Porphyry	Same QFP as before but much more friable. Gd on top of it.	2						Disseminated	Bluish Grey to White								3				3		2			Patchy																
85.10	87.60	Gd/Cly	Granodiorite & Clay	Granodiorite with sand and gravel, with a thick layer of soil. A bit of altered near the contact. Pyrite in blebs, disseminated and in stringers.	4						Blebs, Disseminated, Stringers	White to Light Grey	1							1				1		2			Patchy																
87.60	88.60	?	?	Same as before rock in section 34.60-43.00m.	2							Brown to White												3					Patchy																
88.60	90.60	Cly	Gd/QFP/ Granodiorite QFP & Clay	Sand, gravel and clay with pieces of Gd and QFP.	0.1							Brown to Grey																	Patchy																
90.60	93.00	QFP	Quartz-Feldspar Porphyry	Increased amount of pyrite, large blebs as well as disseminated mixed in with the clay. Very friable small layer of rocks. More mafic flecks as well.	5							Bluish Grey to White								4				3					Patchy																
93.00	98.00	QFP/Cly	QFP in Clay	Clay and gravel with fragments of QFP.	2							Bluish Grey to White								3				2					Patchy																
98.00	105.00	Gd	Granodiorite	Granodiorite as before, with moderate alteration, mostly sand and gravel. Very tarnished pyrite.	3						Disseminated	Grey to White								4				1		2			Patchy																
105.00	108.00	QFP	Quartz-Feldspar Porphyry	Same QFP as before. Increased amount of sulphides. MgO and limonite alteration. Mixed in with sand, gravel and clay.	8						Disseminated	Bluish Grey to White								3				3		2			Patchy																

Interval						Au	Mo	Cu	Pb	Zn	Ag
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	PPM	PPM	PPM	PPM
0.00	2.00	2.00	523651		Clay, Sand & Gravel	0.016	0.2	80.2	7.8	31	0.3
2.00	5.00	3.00	523652		Clay, Sand & Gravel	0.040	0.2	83.5	7.1	27	0.3
5.00	8.00	3.00	523653		Granodiorite in Clay & Sand	<0.005	0.3	58.7	5.3	31	0.2
8.00	10.00	2.00	523654		Granodiorite in Clay & Sand	0.014	0.4	49.4	13.8	23	0.6
10.00	12.00	2.00	523655		Quartz-Feldspar Porphyry	0.012	0.6	49.2	8.4	16	0.4
12.00	13.30	1.30	523656		Quartz-Feldspar Porphyry	0.006	0.7	35.2	12.0	17	0.4
15.00	18.00	3.00	523657		Quartz-Feldspar Porphyry	0.010	0.4	41.2	17.3	13	0.6
18.00	20.00	2.00	523658		Quartz-Feldspar Porphyry	0.010	0.7	30.5	18.5	9	0.8
20.00	23.00	3.00	523659		Quartz-Feldspar Porphyry	0.007	0.9	34.5	14.6	18	0.4
23.00	26.00	3.00	523660		Quartz-Feldspar Porphyry	0.007	1.0	28.8	10.4	14	0.4
26.00	29.00	3.00	523661		Quartz-Feldspar Porphyry	0.017	0.2	60.4	8.5	20	0.4
29.00	32.00	3.00	523662		Quartz-Feldspar Porphyry	0.014	0.3	43.5	7.3	31	0.3
32.00	34.60	2.60	523663		Quartz-Feldspar Porphyry	0.028	0.5	80.9	49.0	21	1.6
34.60	38.00	3.40	523664		?	0.010	0.5	34.8	6.4	32	0.3
38.00	40.00	2.00	523665		?	0.109	0.4	84.0	24.3	25	4.5
40.00	43.00	3.00	523666		?	0.042	0.5	95.5	37.3	31	1.5
43.00	44.00	1.00	523667		Quartz-Feldspar Porphyry	0.149	1.4	32.1	155.5	6	4.4
44.00	47.00	3.00	523668		Granodiorite	0.071	0.9	126.2	21.9	40	1.5
47.00	50.00	3.00	523669		Granodiorite	0.122	0.2	49.5	67.6	24	2.0
50.00	50.00		523670	**Blank**		<0.005	<0.1	1.5	0.9	12	<0.1
50.00	52.40	2.40	523671		Granodiorite	0.020	0.3	83.2	8.9	35	1.0
52.40	53.50	1.10	523672		Quartz-Feldspar Porphyry	0.017	2.1	45.0	11.9	31	0.6
55.00	56.40	1.40	523673		Quartz-Feldspar Porphyry	0.013	1.1	26.2	3.0	23	0.1
55.00	56.40	1.40	523674	**Duplicate**	Quartz-Feldspar Porphyry	0.006	1.6	51.2	4.3	22	0.3
56.40	60.00	3.60	523675		Granodiorite	0.017	0.3	79.7	10.9	32	0.9
60.00	63.00	3.00	523676		Granodiorite	0.046	0.3	69.8	30.4	32	4.1
70.00	73.00	3.00	523677		Quartz-Feldspar Porphyry	0.012	1.5	28.3	8.2	23	0.5
73.00	75.00	2.00	523678		Quartz-Feldspar Porphyry	0.013	1.8	25.1	6.1	28	0.4
75.00	78.00	3.00	523679		Granodiorite	0.025	0.3	36.6	8.3	28	0.6
81.00	83.70	2.70	523680		Granodiorite	0.216	0.4	30.5	11.9	22	0.9
83.70	85.10	1.40	523681		Quartz-Feldspar Porphyry	0.038	0.8	54.4	7.0	27	0.7
85.10	87.60	2.50	523682		Granodiorite in Sand	0.041	0.4	57.1	7.1	34	0.7
87.60	88.60	1.00	523683		?	0.079	0.3	115.7	9.8	41	1.6
88.60	90.60	2.00	523684		Granodiorite & Porphyry in Sand/Clay	0.028	0.3	65.9	7.5	39	1.2
90.60	93.00	2.40	523685		Quartz-Feldspar Porphyry	0.057	1.3	74.7	8.4	28	1.2
93.00	95.50	2.50	523686		Porphyry with Clay & Sand	0.037	1.6	86.1	7.5	35	1.0
95.50	98.00	2.50	523687		Porphyry with Clay & Sand	0.032	0.8	47.8	6.6	29	0.6
98.00	100.00	2.00	523688		Granodiorite	0.041	1.0	65.2	6.0	27	0.6
100.00	102.00	2.00	523689		Granodiorite	0.012	0.3	48.0	6.7	32	0.5
102.00	102.00		523690	**STD: CU154**		0.847	528.2	4573.9	30.6	24	14.5
102.00	105.00	3.00	523691		Granodiorite	0.027	<0.1	47.4	7.2	38	0.5
105.00	108.00	3.00	523692		Quartz-Feldspar Porphyry	0.053	0.3	91.3	37.1	19	2.1

Charlotte Project

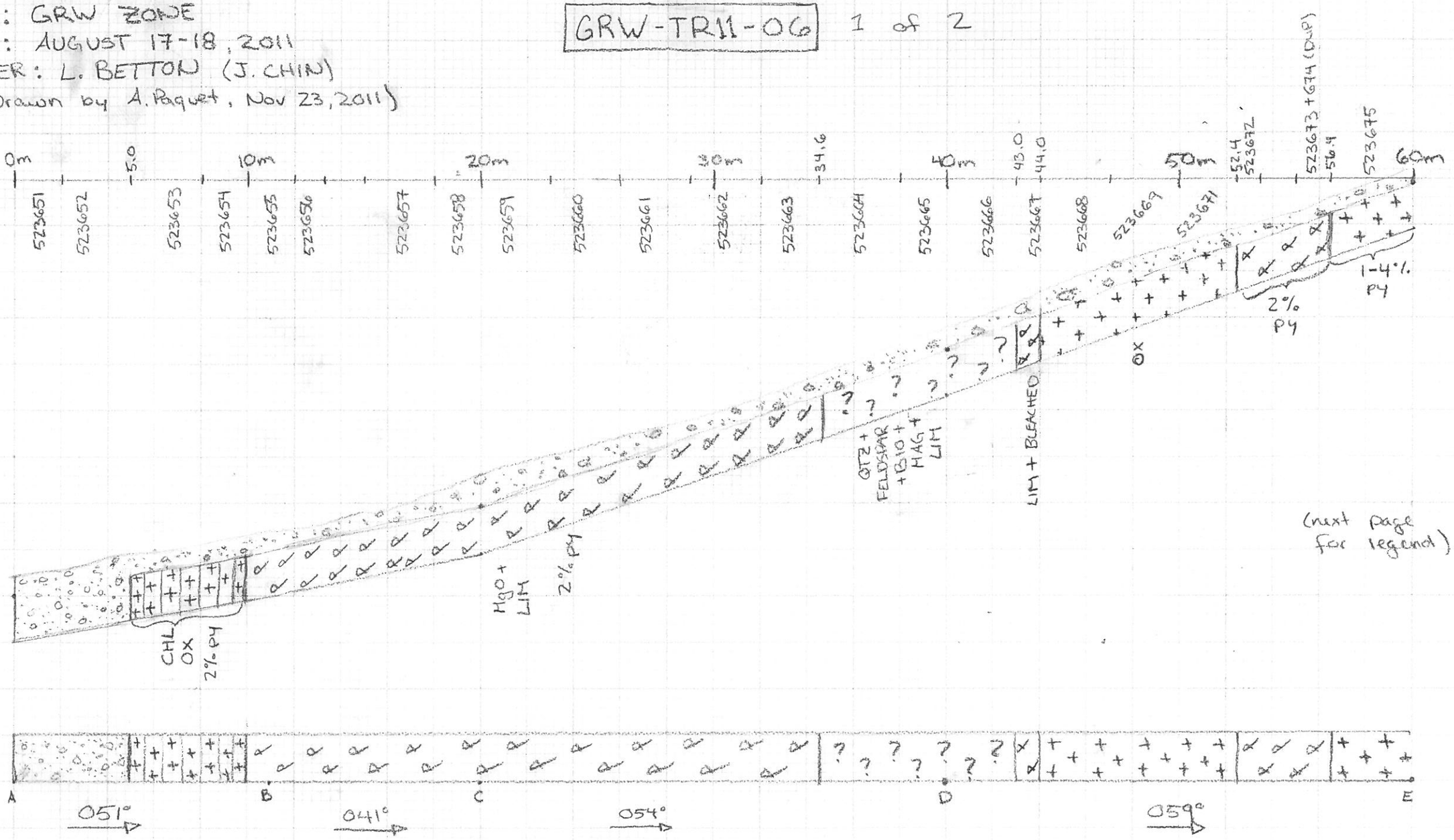
GRW-TR11-06

Survey Data

Station	Easting	Northing	Azimuth	Inclination	Slope	From	To	Length
A	387132	6885608	051^0	10^0		0.00	11.00	11.00
B	387140	6885613	041^0	12^0		11.00	20.00	9.00
C	387147	6885617	054^0	18^0		20.00	40.00	20.00
D	387163	6885628	059^0	21^0		40.00	60.00	20.00
E	387179	6885638	056^0	16^0		60.00	70.00	10.00
F	387197	6885648	060^0	9^0		70.00	90.00	20.00
G	387205	6885654	051^0	-5^0		90.00	109.00	11.00
H	3872200	6885665						

PROJECT: CHARLOTTE
AREA: GRW ZONE
DATE: AUGUST 17-18, 2011
MAPPER: L. BETTON (J. CHIN)
(Drawn by A. Paquet, Nov 23, 2011)

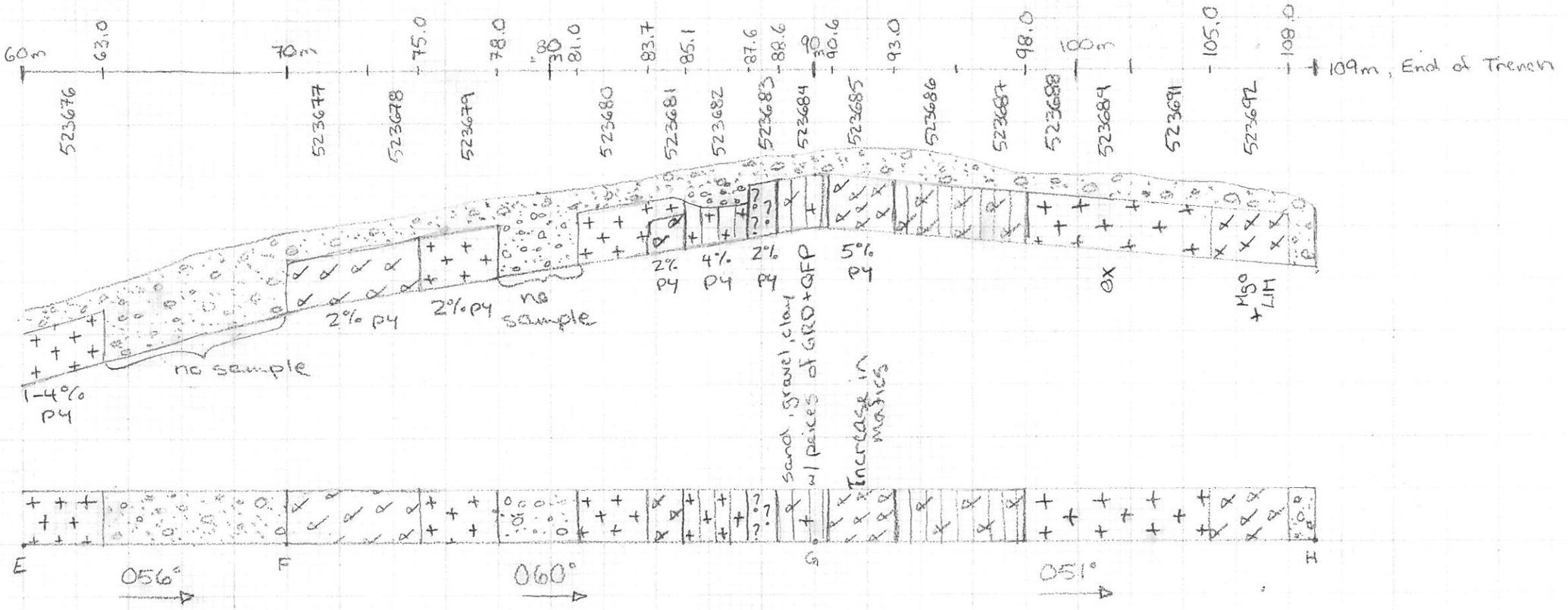
GRW-TR11-06 1 of 2



NOTE: CONTACTS ARE DRAWN STRAIGHT DUE TO LACK OF MEASUREMENTS, AND STRUCTURAL CALCULATIONS

PROJECT: CHARLOTTE
AREA: GRW ZONE
DATE: AUG 17-18, 2011
MAPPER: L. BETTON

GRW-TR11-06 2 of 2



0 1 2 3

1:200

- SOIL, SAND, OVERBURDEN
- CLAY
- GRANODIORITE (GRD)
- QUARTZ FELDSPAR PORPHYRY (QFP)
- UNKNOWN (SEE LOG)

Trench Name	OK-TR10-08
Location	Orloff King
Total Length	51.30m
Date(s) Mapped	July 13, 2011
Loggers	L. Binnion and J. Chinn
Number of Samples	16
Mapping Direction	SW to NE
Face Mapped (NSEW)	SE

Summary of Lithology

From	To	Lithology	Comments
0.00	25.30	OB	
25.30	28.50	And	
28.50	30.60	Alt	
30.60	31.50	OB	
31.50	32.30	And	
32.30	36.50	Alt	
36.50	36.50	SV	
36.50	37.50	And	
37.50	37.50	SV	
37.50	43.00	Alt	
43.00	43.70	Alt	
43.70	44.50	Cly	
44.50	51.30	Alt	

Primary Intervals		Lith	Lithology	Description	Mineralization							Alteration																		Foliation	Shearing		Fractures		Veins					Brecciation						Upper Contact (S/W)		Lower Contact (N/E)	
From	To	Code			Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	to CA	to CA	Intensity	to CA	Intensity	to CA	% Vn	Width	Type	Minerals	Clasts	% Clasts	Rounding	Matrix	% Matrix	Intensity	to CA	Description	to CA	Description
0.00	25.30	OB	Overburden	Mixture of soil and small blocks.																																											
25.30	28.50	And	Andesite	Friable outcrop of fg dark blue-green rock with medium hardness. The sample is aphanitic and has a volcanic texture. There is weak-moderate chlorite alteration.	0	0	0	0	0	0	-	Dark Blue-Green	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	Pervasive	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28.50	30.60	Alt	Strongly Altered Rock	Friable outcrop of aphanitic, soft, seemingly qtz-rich (but is really clay alteration) rock with a bleached appearance. This is a white-grey rock with extensive alteration, manganese staining and oxidation.	0	0	0	0	0	0	-	White-Grey	0	0	0	0	0	0	0	2	0	0	0	2	3?	0	0	4	Pervasive	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30.60	31.50	OB	Overburden	Mixture of soil and small blocks.																																											
31.50	32.30	And	Andesite	As 25.30-28.50m, but less friable and more siliceous.	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32.30	36.50	Alt	Strongly Altered Rock	As 28.50-30.60m, but less friable and here vuggy textures are also observed.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36.50	36.50	SV	Sulphide Vein	Contains coarse grained py, aspy, sph in a highly altered host rock.	3	1	0	1	0	0	Coarse Grained, Euhedral	White-Grey	0	0	0	0	0	0	0	3	0	0	0	2	2	0	0	3	Pervasive	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36.50	37.50	And	Andesite	As 31.50-32.30m.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37.50	37.50	SV	Sulphide Vein	As 36.50m, but only found pieces with individual grains in them.	0.1	0.1	0.1	0	0	0	Euhedral	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37.50	43.00	Alt	Strongly Altered Rock	As 28.50-30.60m, but less friable.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43.00	43.70	Alt	Strongly Altered Rock	As 28.50-30.60m, rock becomes friable again.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43.70	44.50	Cly	Gouge	Zone of white gouge, may be a vein.	0	0	0	0	0	0	-	White	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44.50	51.30	Alt	Strongly Altered Rock	As 43.00-43.70m.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

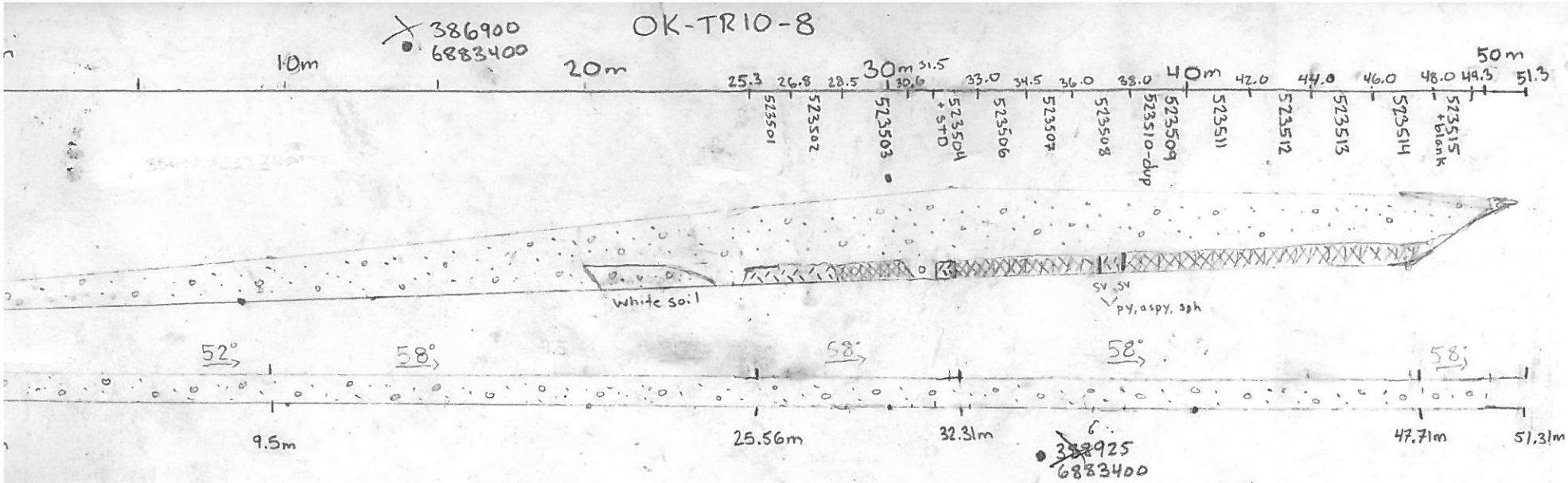
Interval						Au	Mo	Cu	Pb	Zn	Ag
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	PPM	PPM	PPM	PPM
25.30	26.80	1.50	523501		Andesite	0.010	0.6	82.0	25.0	110	0.3
26.80	28.50	1.70	523502		Andesite	<0.005	1.3	45.5	17.0	114	0.2
28.50	30.60	2.10	523503		Strongly Altered Rock	0.013	0.7	89.0	48.5	92	0.9
31.50	33.00	1.50	523504		Andesite	0.013	0.5	50.0	28.2	94	0.3
33.00	33.00		523505	**STD: CU171**		0.249	267.9	1703.6	25.6	103	13.3
33.00	34.50	1.50	523506		Strongly Altered Rock	0.068	18.4	67.4	230.8	195	3.0
34.50	36.00	1.50	523507		Strongly Altered Rock	0.138	2.7	240.0	436.7	298	6.7
36.00	38.00	2.00	523508		Andesite	0.016	1.1	20.0	215.1	445	0.5
38.00	40.00	2.00	523509		Strongly Altered Rock	0.041	1.2	77.3	943.4	1232	2.0
38.00	40.00	2.00	523510	**Duplicate**	Strongly Altered Rock	0.040	1.0	82.2	833.3	1189	2.2
40.00	42.00	2.00	523511		Strongly Altered Rock	0.182	1.1	147.9	4886.0	2006	10.0
42.00	44.00	2.00	523512		Strongly Altered Rock	0.236	1.0	67.7	2934.8	896	7.6
44.00	46.00	2.00	523513		Strongly Altered Rock	0.263	1.2	94.8	1215.1	1955	8.8
46.00	48.00	2.00	523514		Strongly Altered Rock	0.023	2.2	80.7	266.2	1954	0.7
48.00	49.30	1.30	523515		Strongly Altered Rock	0.015	0.5	97.9	60.3	1247	0.4
49.30	49.30		523516	**Blank**		<0.005	<0.1	1.0	3.1	22	<0.1

Charlotte Project

OK-TR10-08

Survey Data

Station	Easting	Northing	Azimuth	Inclination	Slope	From	To	Length
1	386895	6883393	052^0	-2^0	SW	0.00	9.50	9.50
2	386901	6883408	058^0	-2^0	SW	9.50	25.56	16.06
3	386922	6883410	058^0	-2^0	SW	25.56	32.31	6.75
4	386934	6883417	058^0	-2^0	SW	32.31	47.71	15.40
5	386937	6883417	058^0	-2^0	SW	47.71	51.30	3.59



386900
6883390

Project: Charlotte
Zone: OK
Date: 13 July 2011
Mapped by: L. Binnion

Scale 1:200

0cm 1cm 2cm
0m 2m 4m

N

LEGEND

Soil
Andesite
Heavily altered rock

386925
6883390

Trench Name	TR10-04
Location	SST
Total Length	85.00m
Date(s) Mapped	August 5-6, 2011
Loggers	Laura, Alice and Andrew
Number of Samples	36
Mapping Direction	SSW -NNE
Face Mapped (NSEW)	NNW face

Summary of Lithology

From	To	Lithology	Comments
0.00	5.30	And/Dac	
5.30	6.00	Cly/And	
6.00	14.30	And/Dac	
14.30	15.50	Cly/And	
15.50	18.50	And/Dac	
18.50	21.30	Cly/And	
21.30	40.50	And/Dac	
40.50	42.00	Cly/And	
42.00	53.00	And/Dac	
53.00	53.40	Cly/And	
53.40	55.60	And/Dac	
55.60	57.20	OB	
57.20	62.40	And/Dac	
62.40	63.00	Cly/And	
63.00	67.80	And/Dac	
67.80	68.00	Cly/And	
68.00	70.00	OB	
70.00	73.00	And/Dac	
73.00	83.00	Cly/And	
83.00	85.00	OB	

Primary Intervals		Lith Code	Lithology	Description	Mineralization							Alteration																Shearing	Fracture	Veining				Brecciation						NE Contact		SW Contact	
From	To				Py%	Asp%	Gn%	Sp%	Cp%	FSx%	Mnlzn Style	Rock Colour	Si	Bch	Scor	Ser	Cal	Tour	Ank	Lim	Hem	Ksp	Mag	Chl	Talc	Epi	Alb	White Clay	Altn Style	Intensity	Intensity	% Vn	Width	Type	Minerals	Clasts	% Clasts	Rounding	Matrix	% Matrix	Intensity	Strike/Dip	Description	Strike/Dip	Description
0.00	5.30	And/Dac	Andesite/Dacite	Less than 30% quartz and fine grained. The largest phenocrysts are less than 1mm. Medium to dark grey, very fine grained biotite, identified by its lustre. Bordering between andesite and dacite. Overall hardness is about a 4. Trace py which is fracture controlled. Fracturing occurs on a decimetre scale, is planar and has weak limonite alteration. Weak silica and chlorite alteration is also present on fractures. Trace stringers/healed fractures that are slightly undulating, possible limonite, silica or py alteration (or a combination). At 3.90m start of an undulating trend of 190°/25° SW, ~15cm long friable, moderate limonite alteration and weak MgO alteration. A weak alternating halo percolates into the And/Dac. the And/Dac is also present on the other side of this alteration vein so it is likely that it is along a plane of weakness from meteoric water, possibly some fault movement, seems to be related to conduit between N.	0.1						Disseminated	Medium to Dark Grey	1	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	Pervasive		2	0.1	<5mm	Healed Fractures	Lim, Sil & Py							Clay, Rubble	109°/25°	
5.30	6.00	Cly/And	Clay & Andesite	Silica washed, vuggy and moderately bleached. Friable with strong limonite alteration, moderate MgO alteration and weak white clay alteration. Some cubic vugs, weathered out py. Striking 160°/34° SW, slightly undulating.	0	0	0	0	0	0		Rusty Orange to White	3	3	0	1	0	0	0	4	0	0	3	0	0	0	2	2	Patchy	-	4	0.1	<1mm	Stringers	Lim, Cal ?	-	-	-	-	-	-	-	160°/34°	
6.00	14.30	And/Dac	Andesite/Dacite	Same andesite/dacite as before. Contacts: at 5.40m is 082°/52° and at 7.20m is 219°/65°. At 9.70m a friable feature about 20cm in width is similar to the brown clay in the 0.00-5.30m section. Brown clay has moderate limonite alteration, MgO alternating and weak sericite alteration in fractures, qtz and chlorite in stringers. No sample was taken between 12.00-12.30m. After 12.30m the quartz content increases to 40%.	0.1	0	0	0	0	0	Disseminated	Medium to Dark Grey	2	0	0	1	0	0	0	2	0	0	1	1	0	0	0	1	Pervasive			0.1		Stringers	Qtz, Chl, Clay & Lim									
14.30	15.50	Cly/And	Clay & Andesite	Heavily altered andesite, bleached with vug and clay alteration, same form as section between 5.30-6.00m. Qtz veins 3mm to 2cm which are also altered with limonite. Highly silicified zones. Trace py on fracture surfaces. Sericite alteration also present. Qtz veins cross cutting each other within this section.	0.1	o	0	0	0	0	Disseminated	Medium to Dark Grey	2	0	0	1	1	0	0	4	0	0	2	1	0	0	0	1	Pervasive		3	2	2cm	Qtz Veins	Qtz, Cal, Lim & Py									
15.50	18.50	And/Dac	Andesite/Dacite	Same andesite/dacite as 0.00-5.30m section. With more chlorite and epidote alteration.	0.1	0	0	0	0	0	Disseminated	Medium to Dark Grey	1	0	0	0	0	0	0	2	0	0	0	2	0	1	0	0	Pervasive		1														
18.50	21.30	Cly/And	Clay & Andesite	Same rock as section 5.30-6.00m. The rock is weathered into orange clay, it appears as if this layer is folding or bending, it starts off as 270°/60° and flattens out to 244°/48°. it is approximately 30cm thick. Above this layer is andesite chunks with large amount of silty clay.	0	0	0	0	0	0		Rusty Orange to Greeny White	2	1	0	2	1	0	0	3	0	0	1	1	0	0	0	2	Pervasive		4														
21.30	40.50	And/Dac	Andesite/Dacite	The andesite/dacite describe from 0.00-5.30m with some qtz/cal veining, 1-2% disseminated py on fracture surface, py stringers some associated with oxidized fractures. Presence of green chlorite/qtz xenoliths, possible porphyry? Most are rectangular ~3-5 cm. At 32.00m xenoliths and py decreases, and at 36.00m py increases to 2-3% on fractured surfaces (possibly some Cpy?). At 38.00m the xenoliths and py decreases again. Also at 34.50m there is a 10cm wide brown/orange/grey clay layer trending with the andesite.	1-3	0	0	0	0.1	0	Disseminated, Stringers & Blebs	Dark Grey to Green	1	0	0	1	1	0	0	1	0	0	0	1	0	1	0	0	Pervasive		2	2	1mm-1cm	Veinlets & Stringers	Qtz/Ca, Lim, Py									
40.50	42.00	Cly/And	Clay & Andesite	Clay layer with altered andesite, heavy weathering. Large rock chunk within clay that contained a 2cm wide calcite vein with euhedral crystals. Calcite veinlets branch from this vein into the heavily altered andesite rock. Some silica washed rock also within the clay, the layer is trending with the andesite layer at 214°/80°.	0	0	0	0	0	0		Orange to White	3	3	0	1	4	0	0	4	0	0	0	1	0	0	0	2	Pervasive			5	2cm	Vein, Veinlets & Stringers	Cal, Lim, Ox?									
42.00	53.00	And/Dac	Andesite/Dacite	Andesite as before. At 43.50m has trace disseminated py as well as calcite and qtz veins ~1cm wide. At 44.20m exists a zone of increased chlorite alteration intensity. Between 50.00-53.00m has very little mineralization.	0.1	0	0	0	0	0	Disseminated	Dark Grey to Green	0	0	0	1	2	0	0	0	0	0	0	3	0	0	0	0	Patchy		2	5	3cm	Veins	Cal/Qtz									
53.00	53.40	Cly/And	Clay & Andesite	Rusty clay layer as described above. Very weathered and friable. It is associated with silicified andesite.	0	0	0	0	0	0		Rusty Orange	0	0	0	0	0	0	0	4	0	0	3	0	0	0	0	1	Pervasive		4														
53.40	55.60	And/Dac	Andesite/Dacite	Same andesite as above sections. 2-3% py on fractured surfaces, trace disseminated through the rest of the rock. Calcite veining present.	2-3	0	0	0	0	0	Fracture Surfaces & Disseminated	Dark Grey to Green	1	0	0	1	1	0	0	1	0	0	0	1	0	1	0	0	Pervasive		2	0.1	1cm	Veins	Cal									
55.60	57.20	OB	Overburden/Slumping																																							
57.20	62.40	And/Dac	Andesite/Dacite	Andesite has much less felsic properties, much darker. Very little mineralization if any at all. No xenoliths and moderate chlorite alteration. Associated with the rusty clay. At 60.00m there is a clay layer with weakly altered andesite. At 61.00m unaltered andesite with trace py in blebs and also disseminated.	0.1	0	0	0	0	0	Disseminated	Dark Grey to Green	0	0	0	1	0	0	0	2	0	0	1	3	0	1	0	0	Patchy		2														
62.40	63.00	Cly/And	Clay & Andesite	Yellowish clay vein about 8cm thick with heavily altered/weathered rock around it.	0	0	0	0	0	0		Rusty Orange	0	0	0	0	0	0	0	4	0	0	1	0	1	0	0	1	Pervasive														
63.00	67.80	And/Dac	Andesite/Dacite	Andesite as in the 0.00-5.30m section. With moderate chlorite alteration, 2-3% py and trace aspy? At 64.90m clay vein with heavily weathered rock fragments, with a rusty colour.	2-3	0.1	0	0	0	0	Disseminated	Dark Grey to Green	1	0	0	1	0	0	0	1	0	0	0	3	0	0	0	0	Pervasive														
67.80	68.00	Cly/And	Clay & Andesite	Clay layer with heavily altered andesite, limonite rich with 3cm calcite veins and calcite cross cutting stringers. Blebs of py and stringers with py .	2-3	0	0	0	0	0	Blebs, Stringers	Rusty Orange	0	0	10	1	0	0	0	4	0	0	1	1	0	0	0	0	Pervasive														
68.00	70.00	OB	Overburden/Slumping																																						
70.00	73.00	And/Dac	Andesite/Dacite	Andesite as in the 0.00-5.30m section. Zones of moderated chlorite alteration, lacking visible biotite crystals, but the rock scratchable. At 71.70m, 3cm clay layer (not rock fragments).	0.1	0	0	0	0	0	Disseminated	Dark Grey to Green	1	0	0	1	1	0	0	1	0	0	0	1	0	1	0	0	Pervasive														
73.00	83.00	Cly/And	Clay & Andesite	Clay with altered andesite, some bleached andesite. Undulations or folding but rocks were to broken up to take measurements. Also with the andesite was silica washed rock same as described above. MgO weathering very abundant. 1-2% py disseminated throughout, euhedral and subhedral crystals. Rock are very altered and weathers. Calcite alteration is present.	1-2	0	0	0	0	0	Disseminated & Crystals	Orange to Brown	2	0	0	2	1	0	0	4	0	0	3	2	0	0	0	0	Patchy														
83.00	85.00	OB	Overburden/Slumping																																						

Interval						Au	Mo	Cu	Pb	Zn	Ag
From	To	Width	Sample	Sample Type	Lithology	GM/T	PPM	PPM	PPM	PPM	PPM
0.00	0.00		524827	**Blank**		<0.005	0.1	0.8	1.9	14	<0.1
0.00	2.00	2.00	524828		Andesite/Dacite	<0.005	0.3	8.8	5.3	72	<0.1
2.00	3.90	1.90	524829		Andesite/Dacite	<0.005	1.8	10.5	8.3	76	<0.1
3.90	5.30	1.40	524830		Andesite/Dacite	<0.005	0.6	6.8	161.7	294	0.6
5.30	6.00	0.70	524831		Clay & Altered Andesite	0.012	0.8	9.4	29.8	90	0.3
6.00	9.00	3.00	524832		Andesite/Dacite	<0.005	0.9	8.6	5.9	67	<0.1
9.00	12.00	3.00	524833		Andesite/Dacite	<0.005	0.7	13.7	7.4	73	0.1
12.30	14.30	2.00	524834		Andesite/Dacite	0.008	1.0	12.9	15.7	85	0.3
14.30	15.50	1.20	524835		Clay & Altered Andesite	0.020	0.9	11.4	38.3	82	0.6
15.50	18.50	3.00	524836		Andesite/Dacite	0.007	4.3	11.4	4.8	55	<0.1
18.50	18.50		524837	**STD: PM 1129**		3.507	196.1	2433.6	71.2	92	26.6
18.50	21.30	2.80	524838		Clay & Altered Andesite	0.326	0.9	15.0	13.2	41	0.4
21.30	23.80	2.50	524839		Andesite/Dacite	0.005	0.8	10.3	7.1	40	0.1
23.80	26.30	2.50	524840		Andesite/Dacite	<0.005	0.6	11.6	6.3	39	<0.1
26.30	29.00	2.70	524841		Andesite/Dacite	<0.005	0.9	14.5	5.1	42	<0.1
29.00	32.00	3.00	524842		Andesite/Dacite	<0.005	0.4	10.5	4.8	40	<0.1
32.00	35.00	3.00	524843		Andesite/Dacite	<0.005	0.6	16.0	7.0	64	<0.1
35.00	38.00	3.00	524844		Andesite/Dacite	<0.005	0.3	15.3	6.2	62	<0.1
38.00	40.00	2.00	524845		Andesite/Dacite	<0.005	0.5	12.4	4.6	46	0.1
40.00	42.30	2.30	524846		Clay & Altered Andesite	0.011	0.6	22.4	7.0	50	0.2
40.00	42.30	2.30	524847	**Duplicate**	Clay & Altered Andesite	0.010	0.6	14.9	7.6	54	0.1
42.30	44.20	1.90	524848		Andesite/Dacite	0.006	1.7	16.9	5.6	63	0.1
44.20	47.00	2.80	524849		Andesite/Dacite	0.010	0.4	26.3	6.9	56	0.2
47.00	50.00	3.00	524850		Andesite/Dacite	<0.005	0.5	9.6	6.5	42	<0.1
50.00	53.00	3.00	523611		Andesite/Dacite	0.010	1.2	22.3	7.3	45	0.1
53.00	55.60	2.60	523612		Altered Andesite, Andesite & Clay	0.035	1.6	42.1	10.5	47	0.1
57.20	60.00	2.80	523613		Andesite/Dacite	0.015	0.9	11.1	8.0	59	0.1
60.00	63.00	3.00	523614		Andesite/Dacite	0.017	2.1	24.5	9.0	52	0.4
63.00	66.00	3.00	523615		Andesite/Dacite	0.037	0.5	70.4	9.5	43	0.2
66.00	68.00	2.00	523616		Altered Andesite, Andesite & Clay	0.007	1.0	22.3	4.9	42	<0.1
70.00	73.00	3.00	523617		Andesite/Dacite	<0.005	0.7	20.1	4.4	44	<0.1
73.00	75.00	2.00	523618		Clay & Altered Andesite	0.063	2.8	18.7	31.9	117	1.3
75.00	78.00	3.00	523619		Clay & Altered Andesite	0.356	3.0	21.9	75.4	198	1.2
78.00	80.00	2.00	523620		Clay & Altered Andesite	1.895	4.2	43.2	1028.6	1235	23.0
80.00	83.00	3.00	523621		Clay & Altered Andesite	0.089	1.8	48.8	31.1	161	0.5
83.00	83.00		523622	**STD: PM 1129**		3.554	211.3	2475.1	73.7	89	34.0

Charlotte Project

SST-TR10-04

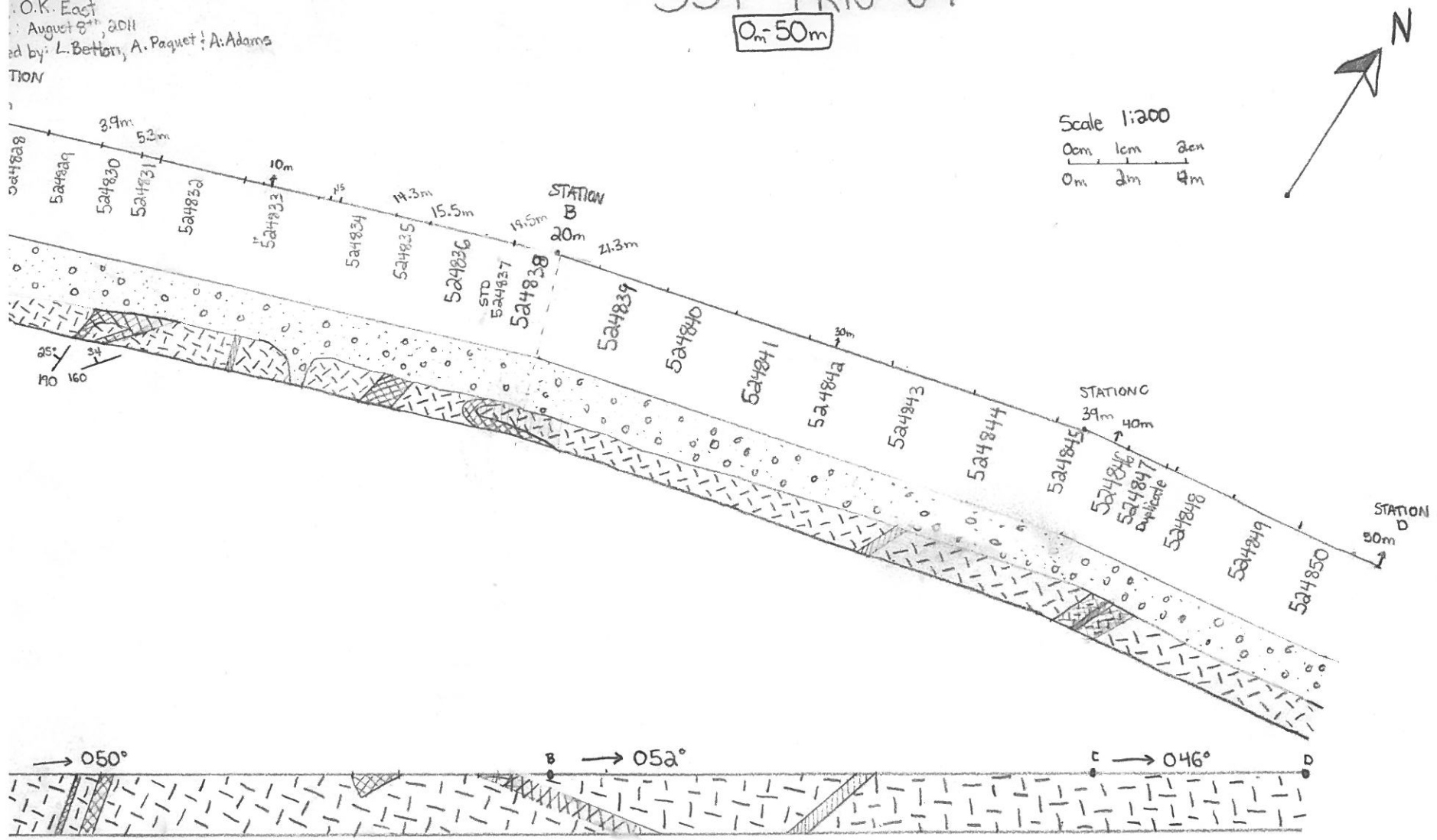
Survey Data

Station	Easting	Northing	Azimuth	Inclination	Slope	From	To	Length
A	387099	6883202	050º	-14^0	ENE	0.00	20.00	20.00
B	387115	6883215	052^0	-19^0	ENE	20.00	39.00	19.00
C	387128	6883228	046^0	-24^0	NE	39.00	50.00	11.00
D	387134	6883237	039^0	-27^0	NE	50.00	70.00	20.00
E	387149	6883247	041^0	-21^0	NE	70.00	85.00	15.00
F	387157	6883259						

ct: Charlotte
: O.K. East
: August 8th, 2011
ed by: L. Bettion, A. Paquet & A. Adams
TION

SST-TR10-04

0m-50m



Legend

- Clay
- Andesite / Dacite
- Moderately Altered
- Overburden / Slumping

Appendix VI

Certificate of Analysis for Trenches

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: July 19, 2011
Report Date: August 03, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI11000659.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-014
P.O. Number
Number of Samples: 41

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	39	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	41	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	41	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: Nicola Struyk
Peter Dadson
Bernie Dewonek

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: Charlotte Project
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000659.1

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
523501	Rock	2.28	0.010	0.6	82.0	25.0	110	0.3	8.9	14.2	583	4.35	37.7	10.6	3.8	58	1.4	2.5	0.2	95	0.66
523502	Rock	1.97	<0.005	1.3	45.5	17.0	114	0.2	8.2	14.1	1258	4.26	21.4	8.4	4.0	46	1.2	1.9	<0.1	94	0.54
523503	Rock	2.79	0.013	0.7	89.0	48.5	92	0.9	3.6	7.8	169	3.30	198.2	17.0	4.6	14	0.4	9.3	1.5	65	0.08
523504	Rock	2.18	0.013	0.5	50.0	28.2	94	0.3	6.1	14.3	700	4.48	51.2	15.7	3.7	90	1.2	1.2	0.2	113	1.01
523505	Rock Pulp	0.14	0.249	267.9	1704	25.6	103	13.3	4.0	5.3	356	1.36	13.6	215.3	1.0	223	0.6	25.2	1.1	14	1.15
523506	Rock	2.12	0.068	18.4	67.4	230.8	195	3.0	3.2	5.2	260	5.18	169.2	123.1	2.6	22	0.6	3.1	3.7	31	0.12
523507	Rock	2.22	0.138	2.7	240.0	436.7	298	6.7	3.1	4.0	207	5.50	306.2	133.2	2.7	39	2.7	8.4	10.8	30	0.10
523508	Rock	1.86	0.016	1.1	20.0	215.1	445	0.5	6.4	13.1	1499	4.62	31.8	16.6	3.0	44	12.8	2.0	0.1	80	0.65
523509	Rock	2.36	0.041	1.2	77.3	943.4	1232	2.0	7.3	14.8	856	5.77	187.3	35.0	3.5	21	18.5	6.5	0.3	53	0.18
523510	Rock	2.18	0.040	1.0	82.2	833.3	1189	2.2	6.0	11.5	856	5.65	153.9	40.3	3.3	23	17.2	7.5	0.4	50	0.20
523511	Rock	2.25	0.182	1.1	147.9	4886	2006	10.0	3.5	4.6	461	6.81	414.7	189.1	3.0	16	16.4	18.6	1.6	33	0.09
523512	Rock	2.14	0.236	1.0	67.7	2935	896	7.6	1.3	1.0	108	4.46	745.5	255.1	2.2	31	4.4	31.7	4.3	24	0.09
523513	Rock	2.47	0.263	1.2	94.8	1215	1955	8.8	5.3	8.8	588	5.29	345.3	275.0	3.4	17	21.4	21.7	7.3	47	0.10
523514	Rock	2.49	0.023	2.2	80.7	266.2	1954	0.7	9.2	20.9	1506	5.40	160.1	23.5	4.1	9	37.5	15.9	0.2	56	0.22
523515	Rock	2.24	0.015	0.5	97.9	60.3	1247	0.4	7.6	20.8	1160	7.56	275.7	13.1	4.9	15	14.7	12.9	0.2	71	0.30
523516	Rock	0.78	<0.005	<0.1	1.0	3.1	22	<0.1	1.6	0.6	204	0.41	3.3	<0.5	0.1	40	0.2	0.1	<0.1	<2	21.61
523517	Rock	2.19	0.013	0.4	45.3	21.8	76	0.7	4.3	8.2	423	3.18	13.1	10.6	8.5	22	0.5	0.6	3.1	72	0.50
523518	Rock	2.20	0.020	2.0	62.7	256.6	175	1.7	4.5	6.4	353	3.32	45.8	15.6	9.9	25	0.9	5.3	2.5	64	0.44
523519	Rock	2.08	0.009	0.7	69.4	35.9	178	0.5	4.0	7.6	506	3.26	16.5	7.6	10.8	21	3.5	1.0	1.3	64	0.26
523520	Rock	1.87	0.011	0.9	33.0	16.9	79	0.4	4.4	9.4	346	3.53	13.5	8.9	9.2	23	0.4	0.5	2.0	80	0.44
523521	Rock	2.49	0.017	2.6	69.3	50.2	200	0.9	4.0	8.2	383	3.54	41.1	18.2	12.1	22	0.9	1.5	2.3	52	0.19
523522	Rock	1.99	0.013	2.5	38.7	44.0	127	0.8	3.5	7.6	294	2.87	33.4	11.7	8.7	13	0.5	1.2	2.7	48	0.19
523523	Rock	2.21	0.025	4.2	44.4	32.0	509	0.4	7.8	9.6	1527	2.07	73.7	27.2	5.4	21	12.3	5.0	0.3	7	0.84
523524	Rock	1.97	0.041	2.4	41.9	274.0	866	2.5	4.9	11.5	968	3.22	139.3	40.5	9.3	38	9.7	4.8	1.9	7	0.07
523525	Rock	2.00	0.022	2.0	105.7	2934	2312	5.6	4.4	5.3	430	2.79	239.5	23.8	6.3	51	31.1	4.3	7.2	6	1.00
523526	Rock	2.09	0.020	0.5	60.9	962.3	242	2.6	2.0	2.3	209	3.22	28.9	16.5	11.5	26	1.0	1.7	3.8	45	0.36
523527	Rock	2.20	0.016	0.5	44.4	122.2	122	1.2	1.8	3.1	268	3.24	73.1	17.1	12.1	27	0.4	1.0	1.9	59	0.16
523528	Rock Pulp	0.14	0.239	282.0	1686	28.8	107	13.9	4.3	5.5	358	1.43	13.1	221.9	1.1	222	0.4	25.2	1.2	15	1.17
523529	Rock	2.00	0.021	0.6	68.6	227.0	136	1.9	3.4	6.5	429	3.11	136.8	21.9	12.6	22	0.9	1.4	3.3	58	0.29
523530	Rock	2.42	0.018	0.5	63.8	140.0	140	1.1	4.1	6.0	399	3.33	69.0	16.7	13.7	22	1.3	1.4	2.4	57	0.30

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

Project: Charlotte Project
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000659.1

	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
523501	Rock	0.078	10	19	0.61	499	0.087	<1	1.79	0.138	0.15	0.2	0.01	7.3	0.1	<0.05	6	<0.5	<0.2	
523502	Rock	0.066	10	15	1.21	242	0.050	1	2.24	0.120	0.14	<0.1	<0.01	8.0	0.1	<0.05	7	<0.5	<0.2	
523503	Rock	0.057	13	7	0.05	49	0.003	1	0.71	0.002	0.11	0.6	0.15	8.3	<0.1	0.07	3	<0.5	<0.2	
523504	Rock	0.057	8	13	1.44	293	0.103	<1	3.08	0.244	0.57	<0.1	<0.01	9.3	0.3	<0.05	8	<0.5	<0.2	
523505	Rock Pulp	0.036	6	8	0.14	241	0.007	1	0.37	0.048	0.17	0.5	0.65	0.9	<0.1	0.34	2	<0.5	1.2	0.181
523506	Rock	0.046	8	5	0.25	79	0.002	2	0.89	0.009	0.24	0.1	0.03	3.7	0.2	0.10	4	0.5	<0.2	
523507	Rock	0.057	11	5	0.06	101	0.001	2	0.66	0.012	0.26	<0.1	0.07	3.0	0.2	0.14	3	1.6	0.2	
523508	Rock	0.053	10	10	1.01	121	0.041	2	2.26	0.123	0.23	0.1	0.02	6.3	0.2	<0.05	6	<0.5	<0.2	
523509	Rock	0.058	12	7	0.28	337	0.002	2	1.32	0.018	0.25	0.3	0.06	6.7	0.3	0.06	3	<0.5	<0.2	
523510	Rock	0.061	12	7	0.38	494	0.003	2	1.41	0.017	0.23	0.2	0.05	6.0	0.3	<0.05	4	<0.5	<0.2	
523511	Rock	0.063	9	5	0.04	68	0.001	2	0.77	0.007	0.29	0.1	0.10	4.3	0.5	0.28	2	1.6	<0.2	
523512	Rock	0.059	7	3	0.03	81	<0.001	3	0.37	0.005	0.27	0.1	0.07	1.7	0.8	0.25	1	1.6	0.4	
523513	Rock	0.061	11	5	0.04	82	<0.001	2	0.81	0.003	0.23	0.2	0.07	6.9	0.6	0.10	1	1.0	3.0	
523514	Rock	0.067	15	6	0.04	138	0.001	1	0.98	<0.001	0.16	0.2	0.10	9.1	0.5	<0.05	2	<0.5	<0.2	
523515	Rock	0.074	16	12	0.18	205	0.001	<1	1.70	0.006	0.13	<0.1	0.05	13.5	0.4	<0.05	4	<0.5	<0.2	
523516	Rock	0.015	<1	<1	10.84	13	<0.001	<1	0.04	0.001	0.02	<0.1	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	
523517	Rock	0.054	12	14	1.15	67	0.144	1	1.75	0.078	0.14	1.5	<0.01	4.4	0.2	0.78	7	<0.5	0.4	
523518	Rock	0.055	14	17	0.87	118	0.051	1	1.53	0.064	0.25	1.8	<0.01	4.8	0.3	0.39	6	<0.5	0.4	
523519	Rock	0.049	14	11	0.91	91	0.046	1	1.61	0.067	0.17	0.5	<0.01	4.6	0.2	0.28	6	<0.5	0.2	
523520	Rock	0.057	10	12	1.23	44	0.136	1	1.88	0.074	0.13	0.7	<0.01	5.4	0.1	0.65	7	<0.5	0.4	
523521	Rock	0.059	15	9	0.83	146	0.007	1	1.47	0.034	0.26	0.5	<0.01	4.3	0.3	0.40	5	<0.5	0.4	
523522	Rock	0.045	12	10	0.82	72	0.016	1	1.43	0.037	0.18	0.3	0.01	3.5	0.2	0.29	5	<0.5	0.5	
523523	Rock	0.076	13	4	0.12	111	0.002	4	0.83	0.005	0.32	0.2	<0.01	1.7	0.3	0.33	1	<0.5	<0.2	
523524	Rock	0.057	11	3	0.03	214	0.001	2	0.49	0.008	0.47	0.4	<0.01	1.3	0.4	0.58	1	<0.5	0.3	
523525	Rock	0.067	7	2	0.34	127	0.001	3	0.55	0.006	0.27	<0.1	0.01	1.0	0.2	0.91	1	<0.5	1.1	
523526	Rock	0.046	14	8	0.77	99	0.004	1	1.32	0.043	0.22	0.2	0.01	2.8	0.2	0.61	5	<0.5	0.5	
523527	Rock	0.044	17	9	0.87	64	0.037	2	1.37	0.083	0.16	1.3	<0.01	3.8	0.2	0.50	6	<0.5	<0.2	
523528	Rock Pulp	0.036	7	8	0.14	254	0.007	1	0.41	0.050	0.17	0.5	0.66	0.9	<0.1	0.36	2	<0.5	1.4	0.182
523529	Rock	0.050	15	10	0.99	62	0.049	1	1.59	0.074	0.18	0.5	<0.01	3.7	0.2	0.59	6	<0.5	0.2	
523530	Rock	0.051	16	10	0.99	55	0.012	1	1.66	0.084	0.16	0.4	<0.01	4.2	0.2	0.81	6	<0.5	<0.2	

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000659.1

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
523531	Rock	2.61	0.029	0.5	176.6	69.4	103	3.0	2.7	4.3	271	3.35	52.3	31.5	13.3	13	0.8	1.9	11.5	52	0.10
523532	Rock	2.16	0.034	0.3	177.0	64.7	141	2.9	2.9	7.6	273	3.05	57.6	27.7	13.2	9	0.9	2.2	12.6	45	0.14
523533	Rock	1.74	0.212	1.6	47.5	195.1	333	4.1	2.4	7.7	623	2.28	162.8	187.2	5.9	17	4.8	4.8	16.7	8	0.05
523534	Rock	2.54	0.206	2.8	33.2	382.0	64	5.0	1.2	1.8	67	2.89	421.9	217.9	11.6	32	0.3	19.2	27.8	11	0.02
523535	Rock	2.35	0.146	0.7	37.9	86.3	82	1.5	2.2	3.7	165	2.61	125.9	180.0	11.6	19	0.3	5.1	5.2	30	0.09
523536	Rock	2.38	0.039	0.9	31.3	40.9	48	1.1	2.1	3.2	163	3.27	20.5	32.3	12.1	28	0.2	1.4	2.8	44	0.13
523537	Rock	2.68	0.024	0.5	54.4	50.0	80	1.3	3.2	4.7	239	4.19	24.1	24.0	11.1	27	0.4	1.2	3.6	63	0.22
523538	Rock	1.09	<0.005	<0.1	0.4	1.6	17	<0.1	0.8	0.5	248	0.46	3.8	2.4	<0.1	47	<0.1	<0.1	<0.1	<2	25.88

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000659.1

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
523531	Rock	0.043	24	17	0.74	64	0.004	2	1.24	0.055	0.20	5.1	<0.01	3.1	0.2	0.49	6	<0.5	2.0	
523532	Rock	0.041	20	13	0.70	50	0.002	2	1.09	0.030	0.19	2.4	<0.01	3.1	0.2	0.47	5	<0.5	1.7	
523533	Rock	0.061	14	6	0.03	153	<0.001	4	0.43	0.006	0.32	0.3	<0.01	1.6	0.3	0.29	1	<0.5	0.3	
523534	Rock	0.037	8	8	0.02	140	0.003	3	0.27	0.010	0.53	0.7	0.02	1.8	0.3	0.67	1	1.4	1.6	
523535	Rock	0.034	14	8	0.39	82	0.007	2	0.69	0.019	0.20	0.8	<0.01	2.5	0.2	0.13	3	0.5	0.4	
523536	Rock	0.037	13	12	0.47	170	0.027	2	0.82	0.054	0.27	4.4	<0.01	2.9	0.2	0.39	4	0.8	0.4	
523537	Rock	0.052	13	14	0.78	81	0.052	2	1.28	0.078	0.18	2.7	<0.01	4.3	0.2	0.43	6	0.6	0.4	
523538	Rock	0.014	<1	<1	13.23	16	<0.001	2	0.01	0.001	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	

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Project: Charlotte Project
Report Date: August 03, 2011

QUALITY CONTROL REPORT WHI11000659.1

	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																					
REP G1	QC		<0.005																		
523523	Rock	2.21	0.025	4.2	44.4	32.0	509	0.4	7.8	9.6	1527	2.07	73.7	27.2	5.4	21	12.3	5.0	0.3	7	0.84
REP 523523	QC			3.9	44.4	31.4	496	0.3	7.6	9.8	1491	2.06	72.8	27.2	5.4	20	12.3	4.6	0.3	6	0.84
REP 523525	QC		0.024																		
523528	Rock Pulp	0.14	0.239	282.0	1686	28.8	107	13.9	4.3	5.5	358	1.43	13.1	221.9	1.1	222	0.4	25.2	1.2	15	1.17
REP 523528	QC																				
523538	Rock	1.09	<0.005	<0.1	0.4	1.6	17	<0.1	0.8	0.5	248	0.46	3.8	2.4	<0.1	47	<0.1	<0.1	<0.1	<2	25.88
REP 523538	QC			<0.1	0.5	1.5	14	<0.1	0.7	0.5	221	0.42	3.8	<0.5	<0.1	41	<0.1	<0.1	<0.1	<2	23.48
Core Reject Duplicates																					
523525	Rock	2.00	0.022	2.0	105.7	2934	2312	5.6	4.4	5.3	430	2.79	239.5	23.8	6.3	51	31.1	4.3	7.2	6	1.00
DUP 523525	QC	2.00	0.023	2.3	108.1	3015	2347	5.8	4.8	5.2	448	2.83	245.9	24.7	6.7	54	32.6	4.1	7.6	6	1.01
Reference Materials																					
STD DS8	Standard			14.4	119.6	126.5	320	1.9	38.9	8.1	623	2.53	28.7	123.9	7.0	66	2.6	5.9	6.8	42	0.72
STD DS8	Standard			14.7	118.6	122.5	317	1.7	40.4	8.1	635	2.51	27.6	128.1	7.5	67	2.5	5.7	6.9	43	0.76
STD DS8	Standard			12.4	108.1	121.9	307	1.9	36.9	7.4	587	2.37	25.3	129.0	6.6	58	2.3	5.0	6.3	42	0.69
STD DS8	Standard			11.1	104.0	117.3	292	1.7	35.9	7.0	558	2.33	24.1	125.5	6.1	57	2.2	4.5	6.0	41	0.61
STD OREAS131B	Standard																				
STD OXH82	Standard		1.337																		
STD OXH82	Standard		1.211																		
STD OXK79	Standard		3.658																		
STD OXK79	Standard		3.659																		
STD R4T	Standard																				
STD SU-1B	Standard																				
STD R4T Expected																					
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 03, 2011

QUALITY CONTROL REPORT WHI11000659.1

	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																				
REP G1	QC																			
523523	Rock	0.076	13	4	0.12	111	0.002	4	0.83	0.005	0.32	0.2	<0.01	1.7	0.3	0.33	1	<0.5	<0.2	
REP 523523	QC	0.077	13	4	0.12	106	0.002	4	0.80	0.005	0.30	0.1	0.02	1.6	0.3	0.33	1	<0.5	<0.2	
REP 523525	QC																			
523528	Rock Pulp	0.036	7	8	0.14	254	0.007	1	0.41	0.050	0.17	0.5	0.66	0.9	<0.1	0.36	2	<0.5	1.4	0.182
REP 523528	QC																			0.183
523538	Rock	0.014	<1	<1	13.23	16	<0.001	2	0.01	0.001	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	
REP 523538	QC	0.013	<1	<1	11.75	14	<0.001	3	0.01	0.001	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	
Core Reject Duplicates																				
523525	Rock	0.067	7	2	0.34	127	0.001	3	0.55	0.006	0.27	<0.1	0.01	1.0	0.2	0.91	1	<0.5	1.1	
DUP 523525	QC	0.069	6	3	0.34	119	<0.001	2	0.47	0.005	0.26	<0.1	0.01	0.9	0.2	0.93	<1	<0.5	1.2	
Reference Materials																				
STD DS8	Standard	0.083	15	126	0.64	288	0.121	3	0.96	0.092	0.43	3.2	0.23	2.1	5.6	0.16	5	5.2	5.2	
STD DS8	Standard	0.077	16	126	0.64	293	0.128	2	0.98	0.096	0.41	3.0	0.24	2.2	5.4	0.17	5	5.0	5.0	
STD DS8	Standard	0.075	13	111	0.64	267	0.106	3	0.87	0.080	0.40	2.9	0.20	2.2	5.3	0.16	5	5.6	5.0	
STD DS8	Standard	0.074	13	105	0.57	247	0.103	3	0.85	0.078	0.39	2.9	0.19	2.2	5.0	0.15	4	5.1	4.5	
STD OREAS131B	Standard																			0.022
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD R4T	Standard																			0.519
STD SU-1B	Standard																			1.200
STD R4T Expected																				0.502
STD OREAS131B Expected																				0.0216
STD SU-1B Expected																				1.185
STD OXH82 Expected																				
STD OXK79 Expected																				

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Project: Charlotte Project
Report Date: August 03, 2011

QUALITY CONTROL REPORT WHI11000659.1

		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 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
BLK	Blank			<0.1	<0.1	1.3	<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		<0.005																		
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
Prep Wash																					
G1	Prep Blank		<0.005	0.4	1.6	3.4	51	<0.1	3.3	4.3	564	1.90	2.0	4.5	5.0	60	<0.1	0.1	<0.1	36	0.49
G1	Prep Blank			0.2	1.9	2.8	51	<0.1	4.1	4.5	550	1.88	0.7	1.4	5.4	58	<0.1	<0.1	<0.1	36	0.50
G1	Prep Blank		<0.005																		

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 03, 2011

QUALITY CONTROL REPORT WHI11000659.1

		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 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	
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																			
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	
Prep Wash																				
G1	Prep Blank	0.079	9	7	0.57	221	0.132	<1	0.97	0.078	0.48	<0.1	<0.01	1.7	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.079	11	8	0.58	228	0.138	<1	1.01	0.097	0.50	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank																			

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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: July 27, 2011
Report Date: August 16, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI11000761.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-015
P.O. Number
Number of Samples: 59

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	57	Crush, split and pulverize 250 g rock to 200 mesh			WHI
G601	59	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	59	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	1	Lead collection fire assay 30G fusion - Grav finish	30	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

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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CERTIFICATE OF ANALYSIS WHI11000761.1

	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
523539	Rock		0.024	0.7	77.3	79.3	98	2.0	2.3	3.7	114	3.93	56.4	29.3	13.0	37	0.4	4.0	7.9	24	0.08
523540	Rock		0.046	0.7	88.9	25.6	84	0.7	3.4	5.0	171	3.79	21.7	47.0	16.1	44	0.3	2.7	3.3	49	0.14
523541	Rock		0.021	0.5	174.6	22.8	308	0.7	5.2	17.1	1321	2.90	45.8	19.8	15.2	11	4.0	21.9	2.7	26	0.10
523542	Rock		0.037	0.6	76.9	16.1	71	0.7	3.0	4.9	199	3.02	20.4	31.3	12.9	26	0.4	1.8	3.7	48	0.11
523543	Rock		0.037	1.3	83.8	69.3	164	1.6	1.5	2.3	69	2.76	39.8	39.6	10.7	7	0.2	25.5	3.4	15	0.02
523544	Rock		0.014	0.9	101.2	51.9	200	0.6	2.8	5.0	157	3.42	28.7	13.5	15.1	7	0.5	2.7	2.5	11	0.03
523545	Rock Pulp		0.417	9.8	138.4	7.7	50	0.2	27.6	37.3	479	3.13	1367	380.4	3.1	66	0.2	2.1	4.6	78	1.18
523546	Rock		0.113	1.2	54.0	190.5	133	3.1	1.4	2.8	98	2.87	110.5	128.1	7.7	17	0.2	6.1	7.1	9	0.03
523547	Rock		0.022	0.7	105.2	43.2	159	0.8	2.3	5.4	186	3.54	49.7	42.0	14.0	14	0.2	5.3	2.8	25	0.05
523548	Rock		0.016	0.5	84.0	19.6	84	0.5	3.2	2.2	140	3.22	33.0	16.3	14.2	21	0.2	5.5	1.8	44	0.14
523549	Rock		0.017	0.5	47.0	45.3	83	0.7	2.4	1.7	150	2.72	15.9	21.6	11.6	29	0.1	2.0	1.7	44	0.13
523550	Rock		0.032	0.3	52.8	103.4	52	1.6	1.1	1.0	121	3.09	13.5	40.3	14.1	34	0.1	2.5	4.0	35	0.06
523551	Rock		0.014	0.5	24.4	155.2	36	0.9	1.0	0.8	93	2.60	7.2	12.1	10.6	41	0.1	1.2	2.4	28	0.06
523552	Rock		0.012	0.4	17.3	75.3	53	0.7	2.0	1.4	114	2.81	7.8	9.0	8.9	45	<0.1	1.0	2.5	35	0.09
523553	Rock		0.012	1.0	111.7	227.3	212	1.6	2.7	3.5	103	2.95	39.2	11.4	9.0	17	0.5	6.8	4.5	9	0.09
523554	Rock		0.008	2.9	82.7	24.0	514	<0.1	6.4	11.9	497	2.92	34.1	5.9	6.1	18	0.8	2.6	0.2	8	0.09
523555	Rock		<0.005	2.2	10.5	9.6	167	<0.1	5.8	8.8	869	1.81	17.5	2.5	6.2	46	1.9	0.9	<0.1	10	2.70
523556	Rock		0.005	1.7	9.3	12.6	142	<0.1	6.6	8.0	953	1.63	25.2	5.7	6.3	35	1.3	1.6	0.1	9	1.80
523557	Rock		0.006	1.6	6.8	11.0	366	<0.1	9.2	15.1	1155	2.95	16.8	2.5	7.3	26	2.3	0.9	<0.1	12	0.38
523558	Rock		0.008	2.3	15.5	32.4	437	<0.1	9.6	15.1	1473	2.07	23.6	6.6	5.7	23	6.6	1.9	0.2	9	0.87
523559	Rock		0.028	0.7	76.6	492.4	514	2.3	3.4	4.2	253	3.22	69.4	21.7	16.2	18	3.8	14.7	4.3	20	0.10
523560	Rock		0.030	0.8	57.2	443.2	465	1.8	2.7	4.0	247	3.38	56.7	32.6	14.2	19	3.2	13.7	3.0	17	0.07
523561	Rock		0.181	0.4	73.0	334.5	657	2.6	6.3	11.4	911	3.06	57.2	179.2	12.9	20	18.1	6.2	5.1	36	0.52
523562	Rock		0.026	2.2	76.3	1094	1859	4.5	8.7	13.7	1217	2.75	216.1	20.6	6.0	18	24.6	8.1	6.4	9	0.50
523563	Rock		0.019	2.2	133.5	1831	2400	7.0	7.7	11.4	1349	2.29	90.4	18.9	6.2	24	36.6	15.5	8.9	8	0.79
523564	Rock		<0.005	<0.1	0.9	1.8	12	<0.1	1.6	0.6	230	0.43	3.0	<0.5	<0.1	38	0.1	<0.1	<0.1	<2	20.82
523565	Rock		0.028	2.0	21.4	725.9	812	2.5	2.0	3.2	77	3.56	46.8	27.9	8.8	10	6.3	2.7	4.7	7	0.05
523566	Rock		0.011	0.4	28.5	211.0	349	1.0	4.1	9.2	592	2.87	19.7	10.1	14.6	41	9.0	3.5	3.3	32	1.00
523567	Rock		0.018	0.6	84.4	475.4	514	1.1	3.7	6.1	281	2.87	33.6	10.4	13.8	23	3.8	4.5	2.4	18	0.10
523568	Rock		0.020	1.5	72.9	619.5	358	3.4	2.4	1.8	100	3.40	53.1	26.2	17.1	24	1.4	17.2	4.3	12	0.05

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Project: Charlotte Project
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS WHI11000761.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
523539	Rock	0.065	15	5	0.15	155	0.002	2	0.63	0.060	0.28	1.9	<0.01	2.4	0.2	0.31	2	<0.5	1.2		
523540	Rock	0.060	23	9	0.56	350	0.005	1	1.11	0.076	0.16	4.0	<0.01	4.8	0.1	0.31	5	<0.5	1.2		
523541	Rock	0.057	27	4	0.07	44	<0.001	<1	0.75	0.005	0.14	0.1	0.02	4.8	0.1	0.10	1	<0.5	0.7		
523542	Rock	0.047	15	9	0.55	106	0.010	1	1.17	0.063	0.19	0.7	<0.01	4.4	0.2	0.26	5	<0.5	1.0		
523543	Rock	0.040	13	3	0.02	92	<0.001	1	0.45	0.005	0.19	0.3	0.05	1.4	0.2	0.09	<1	<0.5	0.9		
523544	Rock	0.057	14	2	0.03	93	<0.001	<1	0.59	0.007	0.22	0.2	0.01	2.4	0.2	0.11	<1	<0.5	0.6		
523545	Rock Pulp	0.062	6	48	0.74	125	0.113	2	1.50	0.145	0.25	0.4	<0.01	2.2	<0.1	0.12	4	1.9	0.7		
523546	Rock	0.035	11	3	0.04	105	<0.001	<1	0.40	0.007	0.25	0.3	<0.01	1.0	0.2	0.15	<1	0.6	0.9		
523547	Rock	0.056	15	4	0.07	116	0.001	<1	0.63	0.009	0.20	0.3	0.01	2.6	0.2	0.17	1	<0.5	0.6		
523548	Rock	0.056	16	7	0.44	97	0.007	<1	1.14	0.033	0.18	0.2	<0.01	4.0	0.2	0.12	4	<0.5	0.4		
523549	Rock	0.040	13	8	0.49	86	0.005	<1	1.11	0.077	0.18	0.3	<0.01	3.7	0.2	0.22	5	<0.5	<0.2		
523550	Rock	0.052	14	7	0.42	99	0.003	<1	0.75	0.079	0.21	0.8	<0.01	2.5	0.1	0.33	4	<0.5	0.5		
523551	Rock	0.035	13	6	0.33	263	0.004	<1	0.67	0.111	0.23	1.4	<0.01	2.6	0.2	0.48	4	<0.5	0.5		
523552	Rock	0.027	8	6	0.51	97	0.004	<1	0.82	0.095	0.25	7.3	<0.01	2.5	0.2	0.99	4	0.9	0.6		
523553	Rock	0.037	11	2	0.05	137	<0.001	1	0.48	0.007	0.30	0.2	<0.01	1.8	0.2	0.31	<1	<0.5	0.8		
523554	Rock	0.069	19	4	0.04	143	<0.001	1	0.61	0.006	0.25	<0.1	<0.01	1.5	0.2	0.05	<1	<0.5	<0.2		
523555	Rock	0.083	11	5	0.16	468	0.001	<1	0.62	0.005	0.20	<0.1	<0.01	1.8	0.1	0.22	1	<0.5	<0.2		
523556	Rock	0.080	13	5	0.33	117	0.002	<1	0.60	0.004	0.23	<0.1	0.02	1.8	0.2	0.26	1	<0.5	<0.2		
523557	Rock	0.079	18	7	0.36	425	0.002	<1	1.35	0.012	0.22	<0.1	<0.01	1.8	0.2	<0.05	2	<0.5	<0.2		
523558	Rock	0.083	16	6	0.14	149	0.003	<1	0.74	0.008	0.27	0.1	<0.01	1.7	0.2	0.12	1	<0.5	<0.2		
523559	Rock	0.057	18	4	0.04	100	0.001	<1	0.58	0.006	0.21	0.1	0.03	3.1	0.2	0.22	1	<0.5	0.4		
523560	Rock	0.053	16	3	0.04	99	<0.001	<1	0.40	0.008	0.19	0.1	0.03	2.4	0.2	0.18	<1	<0.5	0.3		
523561	Rock	0.056	16	7	0.58	78	0.002	<1	1.27	0.019	0.18	<0.1	0.01	3.4	0.2	0.61	4	<0.5	0.4		
523562	Rock	0.078	11	4	0.16	106	0.003	1	0.65	0.005	0.20	<0.1	0.01	1.6	0.2	0.85	1	<0.5	0.6		
523563	Rock	0.081	11	4	0.21	92	0.002	1	0.64	0.005	0.26	0.1	0.03	1.5	0.2	0.76	1	<0.5	1.3		
523564	Rock	0.014	<1	<1	11.30	29	<0.001	<1	0.03	0.001	0.02	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
523565	Rock	0.031	11	2	0.02	232	<0.001	1	0.45	0.004	0.24	0.4	<0.01	0.8	0.2	0.16	<1	<0.5	1.0		
523566	Rock	0.052	13	6	0.61	116	0.002	1	0.90	0.036	0.21	2.1	<0.01	2.5	0.2	0.80	4	<0.5	0.7		
523567	Rock	0.059	18	4	0.20	143	0.001	<1	0.98	0.006	0.20	0.1	0.01	2.4	0.2	0.07	2	<0.5	0.6		
523568	Rock	0.064	14	4	0.05	157	0.001	3	0.64	0.007	0.36	0.2	0.02	2.1	0.4	0.13	1	<0.5	0.9		

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Project: Charlotte Project
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS WHI11000761.1

	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
523569	Rock		0.129	3.3	23.1	1906	85	25.3	1.1	0.9	79	1.53	100.1	111.9	6.7	36	0.6	46.5	27.2	6	0.03
523570	Rock		0.026	1.4	77.3	503.6	209	4.2	1.8	2.5	178	2.88	100.3	167.7	14.4	34	1.4	14.1	7.9	24	0.14
523571	Rock		0.042	0.6	44.2	260.2	161	4.2	2.8	4.2	458	2.94	59.7	34.7	11.7	29	2.2	8.3	9.7	31	0.57
523572	Rock		0.020	0.7	29.9	337.1	142	1.7	2.7	5.3	212	3.17	19.9	10.5	9.5	21	0.8	4.0	2.7	37	0.15
523573	Rock		0.007	0.5	33.2	85.6	117	0.7	3.1	3.3	305	2.91	6.9	8.7	10.6	34	0.3	3.9	1.7	53	0.22
523574	Rock		0.015	0.4	23.5	192.2	91	1.3	1.7	2.0	162	2.77	15.5	20.7	11.8	56	0.2	2.3	3.0	26	0.09
523575	Rock Pulp		>10	7.7	122.4	19.4	58	>100	14.9	10.7	575	3.36	229.9	12284	2.9	69	0.3	8.6	16.1	67	1.49
523576	Rock		0.011	0.5	29.5	126.2	252	0.7	6.4	5.6	1461	1.77	24.5	34.3	7.1	66	6.3	5.0	2.2	6	1.69
523577	Rock		0.032	0.5	20.7	495.8	99	5.0	0.9	1.1	152	1.08	17.4	21.2	8.5	40	0.9	25.5	4.6	3	0.09
523578	Rock		0.013	1.4	30.5	227.7	214	1.8	1.5	1.5	75	2.56	22.3	10.1	6.9	15	0.5	10.0	2.2	5	0.03
523579	Rock		0.071	2.3	17.4	444.8	125	3.1	0.6	0.9	47	1.86	73.4	71.3	7.9	29	0.3	35.3	7.1	5	0.03
523580	Rock		0.042	1.5	21.2	383.9	159	2.4	1.6	1.8	68	3.17	34.4	37.8	10.2	38	0.3	31.4	6.2	10	0.04
523581	Rock		0.054	0.8	56.3	84.3	127	1.2	2.8	1.4	177	2.75	10.6	44.2	12.2	51	0.2	7.5	5.2	41	0.08
523582	Rock		0.044	2.7	52.2	155.4	110	2.1	3.1	1.2	155	2.79	5.7	37.4	12.1	49	0.2	2.8	6.4	40	0.10
523583	Rock		0.073	0.5	75.7	55.5	78	1.4	1.2	1.1	121	3.42	38.1	89.1	11.0	45	0.1	2.3	6.2	32	0.04
523584	Rock		0.040	0.7	72.7	49.3	130	0.9	3.8	4.8	373	2.99	19.7	31.1	12.5	40	0.5	1.7	5.5	47	0.17
523585	Rock		0.023	0.9	121.0	40.6	298	0.8	4.5	5.8	1089	2.33	43.1	118.2	13.5	33	5.7	16.7	4.9	25	0.89
523586	Rock		0.032	0.6	69.1	29.3	160	0.5	4.2	6.7	457	2.78	9.5	24.1	11.9	22	0.8	2.2	4.5	38	0.15
523587	Rock		0.074	1.0	26.1	16.3	88	0.5	1.1	1.1	56	2.55	19.0	25.1	7.4	19	0.2	1.7	5.2	11	0.04
523588	Rock		<0.005	1.4	27.7	18.6	234	0.2	6.1	12.7	624	2.29	9.8	5.1	4.8	58	2.8	1.5	0.8	24	0.79
523589	Rock		0.034	1.2	89.1	60.2	145	1.2	3.6	4.2	313	3.21	15.1	32.6	12.8	27	0.7	2.9	9.7	39	0.14
523590	Rock		0.030	1.2	90.4	63.8	159	1.2	3.7	5.5	334	3.39	18.3	29.4	12.8	27	0.8	3.4	14.7	38	0.14
523591	Rock		0.034	0.9	40.5	28.2	72	1.4	2.0	2.2	175	3.35	7.8	23.1	11.5	40	0.1	1.4	23.4	31	0.11
523592	Rock		0.033	0.8	134.1	976.9	146	4.0	4.1	6.5	520	3.19	26.9	350.0	14.0	17	0.8	4.4	17.4	32	0.20
523593	Rock		0.017	0.9	64.1	172.7	136	2.4	3.7	11.6	620	3.86	21.2	18.6	11.4	37	0.9	2.2	13.1	38	0.37
523594	Rock		<0.005	0.4	38.4	18.0	70	0.4	4.1	4.9	466	2.61	4.5	3.0	11.0	40	0.4	0.6	2.1	68	0.86
523595	Rock		<0.005	0.9	16.9	21.4	128	0.1	4.2	6.8	670	2.01	4.3	0.7	6.3	147	1.8	1.1	0.5	22	2.00
523596	Rock		<0.005	1.2	24.6	25.2	136	0.2	4.4	8.3	692	1.97	8.1	24.5	7.9	111	1.8	1.2	0.9	15	1.63
523597	Rock		<0.005	0.2	0.6	1.0	13	<0.1	0.8	1.0	226	0.41	2.8	<0.5	<0.1	37	<0.1	<0.1	<0.1	<2	21.63

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
523569	Rock	0.036	14	3	0.04	352	0.001	<1	0.46	0.006	0.33	0.4	0.06	1.0	0.3	0.22	1	0.6	1.9		
523570	Rock	0.062	18	5	0.15	164	0.002	<1	0.73	0.013	0.29	0.2	0.02	2.7	0.3	0.18	2	<0.5	1.2		
523571	Rock	0.047	14	7	0.40	165	0.002	2	0.94	0.023	0.28	0.2	<0.01	2.7	0.2	0.48	3	<0.5	1.4		
523572	Rock	0.050	13	7	0.58	101	0.004	2	1.11	0.034	0.18	1.0	<0.01	2.8	0.2	0.65	4	<0.5	0.6		
523573	Rock	0.055	12	10	0.82	283	0.012	2	1.29	0.064	0.19	0.4	<0.01	4.0	0.2	0.33	5	<0.5	0.3		
523574	Rock	0.052	17	7	0.48	545	0.002	2	0.90	0.043	0.22	0.2	<0.01	2.1	0.2	0.16	4	0.5	0.6		
523575	Rock Pulp	0.055	6	24	0.73	109	0.122	4	1.71	0.175	0.20	4.4	0.47	2.5	<0.1	0.17	5	5.6	2.4	175	11.8
523576	Rock	0.080	13	4	0.19	108	0.001	2	0.56	0.005	0.24	0.2	<0.01	1.2	0.2	1.02	1	<0.5	1.0		
523577	Rock	0.031	7	2	0.05	48	<0.001	1	0.32	0.006	0.24	0.2	<0.01	0.6	0.2	0.13	<1	<0.5	0.3		
523578	Rock	0.042	10	4	0.04	51	0.001	1	0.33	0.009	0.22	0.1	<0.01	0.7	0.2	0.08	<1	<0.5	0.9		
523579	Rock	0.032	16	2	0.03	80	<0.001	2	0.34	0.007	0.23	0.2	<0.01	0.7	0.3	0.08	<1	<0.5	1.2		
523580	Rock	0.051	13	3	0.07	196	0.002	1	0.42	0.026	0.24	0.4	<0.01	1.0	0.2	0.13	1	0.5	1.7		
523581	Rock	0.044	14	9	0.66	416	0.003	1	1.09	0.059	0.17	0.2	<0.01	2.9	0.2	0.10	6	<0.5	2.3		
523582	Rock	0.045	14	8	0.60	569	0.004	1	1.13	0.047	0.21	0.2	<0.01	3.1	0.2	0.14	5	<0.5	1.0		
523583	Rock	0.046	17	6	0.41	228	0.002	1	0.80	0.093	0.21	0.2	<0.01	2.1	0.2	0.36	5	<0.5	1.4		
523584	Rock	0.059	16	9	0.75	190	0.012	2	1.38	0.058	0.17	<0.1	<0.01	3.8	0.2	0.16	7	<0.5	1.0		
523585	Rock	0.059	20	5	0.28	115	0.002	2	0.75	0.014	0.15	0.2	0.02	3.4	0.2	0.28	2	<0.5	0.6		
523586	Rock	0.055	17	8	0.70	117	0.003	2	1.31	0.043	0.18	0.5	<0.01	3.2	0.2	0.09	5	<0.5	1.0		
523587	Rock	0.038	14	3	0.04	260	<0.001	2	0.50	0.008	0.25	0.1	0.01	1.3	0.2	0.11	1	<0.5	2.3		
523588	Rock	0.082	21	7	0.75	110	0.007	2	1.32	0.038	0.25	0.9	<0.01	2.1	0.2	<0.05	4	<0.5	0.3		
523589	Rock	0.057	21	9	0.72	134	0.005	2	1.36	0.041	0.20	0.5	<0.01	2.8	0.2	0.07	6	<0.5	1.8		
523590	Rock	0.055	20	9	0.70	144	0.005	1	1.36	0.041	0.20	0.2	<0.01	2.8	0.2	0.07	5	<0.5	2.5		
523591	Rock	0.046	17	7	0.51	134	0.002	2	1.01	0.071	0.23	0.9	<0.01	2.2	0.2	0.19	5	<0.5	3.9		
523592	Rock	0.058	25	7	0.73	114	0.006	2	1.32	0.036	0.24	0.3	<0.01	2.8	0.3	0.10	5	<0.5	1.2		
523593	Rock	0.055	18	8	0.84	152	0.006	2	1.33	0.053	0.23	2.6	<0.01	2.9	0.2	0.83	6	<0.5	1.6		
523594	Rock	0.053	17	10	0.92	159	0.143	2	1.32	0.101	0.27	0.2	<0.01	4.0	0.3	<0.05	5	<0.5	<0.2		
523595	Rock	0.071	20	6	0.69	97	0.008	2	1.17	0.035	0.25	0.2	<0.01	2.9	0.2	<0.05	4	<0.5	<0.2		
523596	Rock	0.070	17	5	0.64	299	0.003	2	1.13	0.033	0.26	0.4	<0.01	2.4	0.2	0.11	3	<0.5	<0.2		
523597	Rock	0.015	<1	<1	11.69	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		

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 16, 2011

QUALITY CONTROL REPORT WHI11000761.1

	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																					
523549	Rock		0.017	0.5	47.0	45.3	83	0.7	2.4	1.7	150	2.72	15.9	21.6	11.6	29	0.1	2.0	1.7	44	0.13
REP 523549	QC			0.4	45.1	43.5	78	0.6	2.2	1.7	145	2.61	15.5	21.0	11.0	28	0.2	1.9	1.6	43	0.12
523561	Rock		0.181	0.4	73.0	334.5	657	2.6	6.3	11.4	911	3.06	57.2	179.2	12.9	20	18.1	6.2	5.1	36	0.52
REP 523561	QC			0.4	72.1	325.8	648	2.5	6.3	11.2	889	2.97	56.9	141.8	12.8	20	18.0	6.1	5.1	36	0.52
523566	Rock		0.011	0.4	28.5	211.0	349	1.0	4.1	9.2	592	2.87	19.7	10.1	14.6	41	9.0	3.5	3.3	32	1.00
REP 523566	QC		0.012																		
523572	Rock		0.020	0.7	29.9	337.1	142	1.7	2.7	5.3	212	3.17	19.9	10.5	9.5	21	0.8	4.0	2.7	37	0.15
REP 523572	QC		0.014	0.7	28.7	340.0	138	1.7	2.7	5.5	213	3.18	19.7	13.4	9.4	21	0.7	4.0	2.7	37	0.16
523594	Rock		<0.005	0.4	38.4	18.0	70	0.4	4.1	4.9	466	2.61	4.5	3.0	11.0	40	0.4	0.6	2.1	68	0.86
REP 523594	QC			0.4	39.6	17.5	72	0.4	4.1	4.9	459	2.63	4.5	5.9	10.4	39	0.5	0.6	2.0	69	0.86
Core Reject Duplicates																					
523568	Rock		0.020	1.5	72.9	619.5	358	3.4	2.4	1.8	100	3.40	53.1	26.2	17.1	24	1.4	17.2	4.3	12	0.05
DUP 523568	QC		0.031	1.2	66.8	563.3	324	3.0	1.9	1.6	77	3.14	47.7	26.3	15.5	21	1.0	16.8	3.9	10	0.05
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			13.1	113.6	132.5	311	1.8	39.3	7.8	598	2.47	25.6	110.4	6.7	62	2.2	5.7	7.1	39	0.67
STD DS8	Standard			13.2	116.0	119.4	314	1.8	38.3	7.6	615	2.40	26.5	108.7	6.8	67	2.5	5.7	6.5	40	0.69
STD OXH82	Standard		1.372																		
STD OXH82	Standard		1.281																		
STD OXK79	Standard		3.774																		
STD OXK79	Standard		3.646																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD CDN-ME-3 Expected																					
STD AGPROOF Expected																					
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
BLK	Blank		<0.005																		

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 16, 2011

QUALITY CONTROL REPORT WHI11000761.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
Pulp Duplicates																					
523549	Rock	0.040	13	8	0.49	86	0.005	<1	1.11	0.077	0.18	0.3	<0.01	3.7	0.2	0.22	5	<0.5	<0.2		
REP 523549	QC	0.038	13	8	0.47	82	0.005	<1	1.10	0.074	0.17	0.3	<0.01	3.5	0.1	0.22	4	<0.5	0.2		
523561	Rock	0.056	16	7	0.58	78	0.002	<1	1.27	0.019	0.18	<0.1	0.01	3.4	0.2	0.61	4	<0.5	0.4		
REP 523561	QC	0.055	16	8	0.56	77	0.003	<1	1.27	0.018	0.18	<0.1	0.02	3.4	0.1	0.59	4	<0.5	0.4		
523566	Rock	0.052	13	6	0.61	116	0.002	1	0.90	0.036	0.21	2.1	<0.01	2.5	0.2	0.80	4	<0.5	0.7		
REP 523566	QC																				
523572	Rock	0.050	13	7	0.58	101	0.004	2	1.11	0.034	0.18	1.0	<0.01	2.8	0.2	0.65	4	<0.5	0.6		
REP 523572	QC	0.050	12	7	0.57	101	0.003	1	1.09	0.033	0.18	1.0	<0.01	3.0	0.2	0.66	4	<0.5	0.8		
523594	Rock	0.053	17	10	0.92	159	0.143	2	1.32	0.101	0.27	0.2	<0.01	4.0	0.3	<0.05	5	<0.5	<0.2		
REP 523594	QC	0.054	17	11	0.95	164	0.142	2	1.36	0.101	0.27	0.2	<0.01	4.1	0.3	<0.05	5	<0.5	<0.2		
Core Reject Duplicates																					
523568	Rock	0.064	14	4	0.05	157	0.001	3	0.64	0.007	0.36	0.2	0.02	2.1	0.4	0.13	1	<0.5	0.9		
DUP 523568	QC	0.059	13	3	0.04	132	0.001	2	0.43	0.005	0.26	0.2	0.01	1.9	0.3	0.12	<1	<0.5	0.9		
Reference Materials																					
STD AGPROOF	Standard																			95	<0.9
STD CDN-ME-3	Standard																			270	9.3
STD DS8	Standard	0.088	13	122	0.61	270	0.118	2	0.90	0.079	0.41	2.8	0.20	2.1	5.4	0.15	4	5.3	4.8		
STD DS8	Standard	0.083	15	116	0.62	289	0.122	2	0.93	0.083	0.41	3.0	0.18	2.0	5.2	0.16	5	5.0	4.6		
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD CDN-ME-3 Expected																				276	9.77
STD AGPROOF Expected																				94	0
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		
BLK	Blank																				

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 16, 2011

QUALITY CONTROL REPORT WHI11000761.1

		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		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
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
Prep Wash																					
G1	Prep Blank		<0.005	0.1	1.7	3.1	49	<0.1	3.6	4.1	519	1.88	2.5	2.8	4.8	54	0.1	0.3	<0.1	33	0.42
G1	Prep Blank		<0.005	0.1	1.8	3.2	49	<0.1	3.7	4.4	548	1.92	0.5	0.6	5.1	57	<0.1	<0.1	<0.1	34	0.42

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Report Date: August 16, 2011

QUALITY CONTROL REPORT WHI11000761.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
BLK	Blank																				<50	<0.9
BLK	Blank																				<50	<0.9
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			
Prep Wash																						
G1	Prep Blank	0.086	7	6	0.53	219	0.117	1	0.95	0.084	0.47	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2			
G1	Prep Blank	0.084	7	7	0.56	218	0.115	<1	0.96	0.071	0.48	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2			

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Submitted By: Gary Schellenberg
Receiving Lab: Canada-Whitehorse
Received: August 02, 2011
Report Date: September 01, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI11000928.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-019
P.O. Number
Number of Samples: 42

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	40	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	42	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	42	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	1	Lead collection fire assay 30G fusion - Grav finish	30	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
Nicola Struyk

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: Charlotte Project
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS WHI11000928.1

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

[redacted]

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Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9

[redacted]

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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: Charlotte Project
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS WHI11000928.1

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
[redacted]																				
523598 Drill Core	2.47	0.026	0.4	121.7	32.2	1304	0.4	3.0	2.8	93	2.43	31.4	31.9	14.5	13	7.6	6.7	2.6	43	0.09
523599 Drill Core	3.82	0.057	0.5	127.8	33.3	1561	0.4	3.0	3.3	234	3.46	38.1	14.1	13.6	21	8.9	3.2	3.5	46	0.12
523600 Drill Core	2.26	0.048	0.6	46.0	9.5	458	0.3	4.5	8.3	479	2.84	11.3	5.8	12.8	26	5.3	1.3	2.0	68	0.45
523601 Drill Core	3.70	0.046	0.6	18.8	6.1	399	0.2	8.3	8.5	448	2.62	6.0	4.8	12.5	28	4.0	1.0	0.8	65	0.46
523602 Drill Core	4.54	0.051	0.8	19.0	7.7	427	0.2	4.8	7.8	473	2.56	8.2	14.5	12.1	25	4.8	1.2	0.8	62	0.46
523603 Drill Core	3.55	0.055	0.7	40.5	16.2	175	0.3	4.6	7.3	432	2.40	20.9	15.3	14.0	30	4.8	1.9	1.0	60	0.49

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Project: Charlotte Project
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS WHI11000928.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
[redacted]																				
523598 Drill Core	0.049	17	5	0.04	31	0.001	<1	0.93	0.003	0.09	0.1	0.08	6.6	0.2	<0.05	2	<0.5	<0.2		
523599 Drill Core	0.057	15	11	0.17	73	0.005	<1	0.99	0.008	0.14	0.1	0.07	7.1	0.3	0.17	2	<0.5	<0.2		
523600 Drill Core	0.050	14	12	0.83	198	0.161	<1	1.45	0.072	0.29	0.2	<0.01	3.7	0.5	0.12	5	<0.5	<0.2		
523601 Drill Core	0.047	13	17	0.82	167	0.115	<1	1.42	0.087	0.28	0.2	<0.01	4.0	0.4	0.06	5	<0.5	<0.2		
523602 Drill Core	0.052	13	12	0.82	130	0.124	<1	1.31	0.069	0.27	0.3	<0.01	3.4	0.4	0.09	5	<0.5	<0.2		
523603 Drill Core	0.046	15	13	0.83	110	0.099	<1	1.43	0.090	0.28	0.2	<0.01	4.2	0.7	0.17	5	<0.5	<0.2		

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Project: Charlotte Project
Report Date: September 01, 2011

QUALITY CONTROL REPORT WHI11000928.1

		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																						
REP G1	QC			<0.005																		
[redacted]																						
523603	Drill Core		3.55	0.055	0.7	40.5	16.2	175	0.3	4.6	7.3	432	2.40	20.9	15.3	14.0	30	4.8	1.9	1.0	60	0.49
DUP 523603	QC			0.054	0.7	39.1	14.7	177	0.3	4.5	7.3	433	2.40	20.1	18.1	13.0	27	4.3	1.8	0.9	60	0.48
Reference Materials																						
STD AGPROOF	Standard																					
STD CDN-ME-3	Standard																					
STD DS8	Standard				12.5	106.7	132.1	315	1.7	37.3	7.5	577	2.40	23.8	113.4	7.2	65	2.2	5.7	7.3	39	0.64
STD DS8	Standard				14.4	109.6	130.8	323	2.0	39.1	7.6	630	2.62	25.1	135.4	7.1	66	2.3	5.4	6.3	43	0.74
STD OXH82	Standard			1.337																		
STD OXH82	Standard			1.276																		
STD OXH82	Standard			1.268																		
STD OXH82	Standard			1.338																		
STD OXK79	Standard			3.766																		
STD OXK79	Standard			3.572																		
STD OXK79	Standard			3.628																		
STD OXK79	Standard			3.516																		
STD CDN-ME-3 Expected																						
STD AGPROOF Expected																						
STD OXH82 Expected				1.278																		

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Project: Charlotte Project
Report Date: September 01, 2011

QUALITY CONTROL REPORT WHI11000928.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
		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	50	0.9
Pulp Duplicates																						
REP G1	QC																					
[redacted]																						
523603	Drill Core		0.046	15	13	0.83	110	0.099	<1	1.43	0.090	0.28	0.2	<0.01	4.2	0.7	0.17	5	<0.5	<0.2		
DUP 523603	QC		0.043	15	12	0.82	107	0.098	<1	1.38	0.078	0.26	0.3	<0.01	4.1	0.7	0.17	5	<0.5	<0.2		
Reference Materials																						
STD AGPROOF	Standard																				96	<0.9
STD CDN-ME-3	Standard																				264	10.0
STD DS8	Standard		0.076	14	109	0.59	256	0.110	2	0.86	0.082	0.39	3.1	0.21	1.9	5.6	0.15	4	4.5	4.8		
STD DS8	Standard		0.087	17	122	0.63	287	0.127	3	0.95	0.090	0.42	3.1	0.22	2.5	5.5	0.16	5	5.1	5.5		
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 CDN-ME-3 Expected																					276	9.77
STD AGPROOF Expected																					94	0
STD OXH82 Expected																						

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Project: Charlotte Project
Report Date: September 01, 2011

QUALITY CONTROL REPORT WHI11000928.1

		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 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
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank																				
BLK	Blank																				
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
Prep Wash																					
G1	Prep Blank			0.1	3.5	3.0	48	<0.1	3.0	4.1	590	2.07	<0.5	4.4	4.9	65	<0.1	0.1	0.1	39	0.55
G1	Prep Blank		<0.005	0.2	2.7	3.1	49	<0.1	2.3	4.1	613	2.11	<0.5	3.2	5.0	69	<0.1	0.1	<0.1	40	0.56
G1	Prep Blank		<0.005																		

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Project: Charlotte Project
Report Date: September 01, 2011

QUALITY CONTROL REPORT WHI11000928.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
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		
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																			<50	<0.9
BLK	Blank																			<50	<0.9
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		
Prep Wash																					
G1	Prep Blank	0.082	13	13	0.53	169	0.129	<1	0.99	0.097	0.48	0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.083	13	12	0.53	162	0.131	1	1.05	0.108	0.49	0.4	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank																				

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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: August 05, 2011
Report Date: September 22, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI11001048.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-020
P.O. Number
Number of Samples: 95

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	91	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	95	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	95	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	3	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN
7TD	1	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
Nicola Struyk

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: Charlotte Project
Report Date: September 22, 2011

CERTIFICATE OF ANALYSIS WHI11001048.1

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
523604	Drill Core	2.56	0.497	3.3	132.7	32.2	167	2.4	1.8	4.4	141	3.88	88.7	655.5	5.9	6	3.8	2.5	108.3	18	0.02
523605	Rock Pulp	0.63	<0.005	0.2	1.2	1.3	12	<0.1	0.7	1.6	243	0.48	<0.5	2.7	<0.1	45	0.1	<0.1	0.1	<2	25.56
523606	Drill Core	4.05	0.033	0.6	27.7	14.8	118	0.3	5.7	9.4	496	2.64	26.9	31.0	11.1	26	4.1	1.7	1.9	65	0.47
523607	Drill Core	3.15	0.013	0.4	16.1	13.8	104	0.2	5.4	9.8	786	2.19	16.2	9.6	12.4	17	3.9	1.8	0.8	58	0.43
523608	Drill Core	3.80	0.022	0.5	47.6	14.0	122	0.4	5.8	10.3	885	2.96	21.7	26.6	12.3	18	2.0	2.6	1.9	54	0.74
523609	Drill Core	3.78	0.014	0.5	18.3	9.8	82	0.2	5.6	9.1	433	2.86	6.2	9.3	12.0	25	1.9	0.7	0.6	66	0.41
523610	Drill Core	2.55	0.010	0.4	20.9	11.7	59	0.3	4.8	7.5	355	2.45	10.5	10.4	12.2	23	1.1	0.6	1.3	64	0.46

[redacted]

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Project: Charlotte Project
Report Date: September 22, 2011

CERTIFICATE OF ANALYSIS WHI11001048.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
523604	Drill Core	0.025	15	8	0.07	45	0.001	1	0.32	0.007	0.14	0.2	0.03	1.4	0.2	0.11	1	1.0	33.9		
523605	Rock Pulp	0.013	<1	<1	10.88	21	<0.001	<1	0.02	0.002	0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2		
523606	Drill Core	0.054	14	14	0.90	146	0.117	1	1.43	0.075	0.28	0.2	<0.01	3.7	0.7	0.18	6	<0.5	0.2		
523607	Drill Core	0.052	18	11	0.55	153	0.089	<1	1.05	0.039	0.21	0.2	0.05	4.6	0.5	0.07	4	<0.5	<0.2		
523608	Drill Core	0.054	26	9	0.32	117	0.019	<1	1.23	0.013	0.15	0.1	0.10	7.6	0.5	<0.05	4	<0.5	0.2		
523609	Drill Core	0.050	17	12	0.70	232	0.120	<1	1.39	0.072	0.32	0.3	<0.01	3.8	0.4	0.05	5	<0.5	<0.2		
523610	Drill Core	0.047	16	13	0.80	157	0.153	<1	1.28	0.073	0.31	0.3	<0.01	3.0	0.5	0.12	5	<0.5	<0.2		

[redacted]

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 22, 2011

CERTIFICATE OF ANALYSIS WHI11001048.1

Method		7TD	7TD
Analyte		Pb	Zn
Unit		%	%
MDL		0.02	0.01
523604	Drill Core		
523605	Rock Pulp		
523606	Drill Core		
523607	Drill Core		
523608	Drill Core		
523609	Drill Core		
523610	Drill Core		

[redacted]

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Report Date: September 22, 2011

CERTIFICATE OF ANALYSIS WHI11001048.1

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

[redacted]

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CERTIFICATE OF ANALYSIS WHI11001048.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9

[redacted]

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Method	7TD	7TD
Analyte	Pb	Zn
Unit	%	%
MDL	0.02	0.01
[redacted]		

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CERTIFICATE OF ANALYSIS WHI11001048.1

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

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Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9

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Method	7TD	7TD
Analyte	Pb	Zn
Unit	%	%
MDL	0.02	0.01
[redacted]		

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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

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Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9

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CERTIFICATE OF ANALYSIS WHI11001048.1

Method	7TD	7TD
Analyte	Pb	Zn
Unit	%	%
MDL	0.02	0.01
[redacted]		

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Report Date: September 22, 2011

QUALITY CONTROL REPORT WHI11001048.1

	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																					
[redacted]																					
Reference Materials																					
STD AGPROOF	Standard																				
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				

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QUALITY CONTROL REPORT WHI11001048.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
Pulp Duplicates																					
[redacted]																					
Core Reject Duplicates																					
[redacted]																					
Reference Materials																					
STD AGPROOF	Standard																			99	<0.9
STD AGPROOF	Standard																			93	<0.9
STD CDN-ME-3	Standard																			260	9.6

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QUALITY CONTROL REPORT WHI11001048.1

		Method	7TD	7TD
		Analyte	Pb	Zn
		Unit	%	%
		MDL	0.02	0.01
Pulp Duplicates				
[redacted]				
Reference Materials				
STD AGPROOF	Standard			
STD AGPROOF	Standard			
STD CDN-ME-3	Standard			

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QUALITY CONTROL REPORT WHI11001048.1

		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 CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			13.7	110.1	125.1	310	1.8	39.0	7.6	605	2.44	24.8	121.9	6.4	66	2.1	5.4	6.4	41	0.73
STD DS8	Standard			13.5	109.6	124.3	318	1.8	37.9	7.6	633	2.54	26.0	106.2	7.2	70	2.4	6.1	6.1	43	0.72
STD DS8	Standard			12.8	108.5	124.6	333	1.8	38.2	7.2	639	2.57	26.7	132.8	6.6	62	2.3	4.9	6.8	41	0.71
STD DS8	Standard			14.0	118.7	133.5	326	1.9	40.1	7.9	633	2.65	26.3	113.0	7.5	69	2.4	6.1	7.5	43	0.72
STD OREAS131B	Standard																				
STD OXH82	Standard		1.307																		
STD OXH82	Standard		1.399																		
STD OXH82	Standard		1.259																		
STD OXH82	Standard		1.294																		
STD OXH82	Standard		1.167																		
STD OXH82	Standard		1.293																		
STD OXK79	Standard		3.672																		
STD OXK79	Standard		3.859																		
STD OXK79	Standard		3.575																		
STD OXK79	Standard		3.573																		
STD OXK79	Standard		3.222																		
STD OXK79	Standard		3.746																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS131B Expected																					
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 CDN-ME-3 Expected																					
STD AGPROOF Expected																					
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		

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QUALITY CONTROL REPORT WHI11001048.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
STD CDN-ME-3	Standard																			264	9.6
STD CDN-ME-3	Standard																			272	10.2
STD DS8	Standard	0.079	16	118	0.61	277	0.123	2	0.93	0.086	0.41	3.1	0.21	2.1	5.3	0.16	5	5.5	4.8		
STD DS8	Standard	0.081	17	116	0.63	287	0.122	3	0.94	0.088	0.41	2.9	0.19	2.1	5.3	0.16	5	5.4	5.3		
STD DS8	Standard	0.077	15	114	0.63	283	0.105	3	0.90	0.087	0.41	3.3	0.22	2.0	5.8	0.16	5	6.6	4.8		
STD DS8	Standard	0.081	15	125	0.63	271	0.126	3	0.91	0.087	0.42	2.7	0.20	2.2	5.6	0.17	5	5.1	5.1		
STD OREAS131B	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 OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS131B 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 CDN-ME-3 Expected																				276	9.77
STD AGPROOF Expected																				94	0
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

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Report Date: September 22, 2011

QUALITY CONTROL REPORT WHI11001048.1

		7TD Pb % 0.02	7TD Zn % 0.01
STD CDN-ME-3	Standard		
STD CDN-ME-3	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD OREAS131B	Standard	1.91	3.19
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 OXH82 Expected			
STD OXK79 Expected			
STD OREAS131B Expected		1.86	3.14
STD DS8 Expected			
STD CDN-ME-3 Expected			
STD AGPROOF Expected			
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		

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QUALITY CONTROL REPORT WHI11001048.1

		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
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
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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			<0.1	<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			<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	2.9	2.8	48	<0.1	2.4	3.9	581	2.03	<0.5	1.2	4.9	64	<0.1	<0.1	0.2	37	0.49
G1	Prep Blank		<0.005	0.2	2.7	3.2	46	<0.1	2.4	3.8	589	2.00	<0.5	1.4	5.3	66	<0.1	<0.1	0.1	37	0.48

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 22, 2011

QUALITY CONTROL REPORT WHI11001048.1

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
BLK	Blank																			<50	<0.9
BLK	Blank																			<50	<0.9
BLK	Blank																			<50	<0.9
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	<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	<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																			<50	<0.9
BLK	Blank																			<50	<0.9
Prep Wash																					
G1	Prep Blank	0.081	12	10	0.53	164	0.134	1	0.99	0.092	0.51	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.078	13	11	0.51	162	0.131	2	0.93	0.090	0.48	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2		

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 22, 2011

QUALITY CONTROL REPORT WHI11001048.1

		7TD Pb % 0.02	7TD Zn % 0.01
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	<0.02	<0.01
BLK	Blank		
BLK	Blank		
BLK	Blank		
Prep Wash			
G1	Prep Blank		
G1	Prep Blank		

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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: August 12, 2011
Report Date: September 18, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI11001084.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHar11-023
P.O. Number
Number of Samples: 39

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	36	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	39	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	39	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
Nicola Struyk

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS WHI11001084.1

	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
523611	Drill Core	1.45	0.010	1.2	22.3	7.3	45	0.1	9.0	16.2	610	3.87	31.8	8.1	5.8	130	<0.1	0.9	0.1	105	1.79
523612	Drill Core	1.65	0.035	1.6	42.1	10.5	47	0.1	4.8	16.7	524	3.70	28.6	45.8	5.0	119	0.1	0.7	0.2	80	1.59
523613	Drill Core	2.09	0.015	0.9	11.1	8.0	59	0.1	4.0	9.6	689	3.57	31.2	12.2	5.2	89	0.1	0.8	<0.1	88	1.83
523614	Drill Core	1.76	0.017	2.1	24.5	9.0	52	0.4	10.1	18.8	1220	4.08	448.1	20.9	6.2	57	0.2	10.8	0.3	88	0.83
523615	Drill Core	1.81	0.037	0.5	70.4	9.5	43	0.2	6.2	20.4	479	4.35	33.5	41.8	4.8	60	<0.1	0.9	0.2	81	0.83
523616	Drill Core	2.02	0.007	1.0	22.3	4.9	42	<0.1	15.0	16.9	776	3.75	22.1	10.6	6.2	90	<0.1	1.0	<0.1	101	3.32
523617	Drill Core	1.80	<0.005	0.7	20.1	4.4	44	<0.1	14.2	14.4	604	3.57	13.5	5.0	6.5	91	<0.1	0.5	<0.1	109	1.29
523618	Drill Core	1.70	0.063	2.8	18.7	31.9	117	1.3	19.1	21.0	2034	3.98	1679	61.8	6.5	28	0.4	22.5	<0.1	41	0.84
523619	Drill Core	2.84	0.356	3.0	21.9	75.4	198	1.2	2.1	4.3	510	3.23	2057	387.9	3.6	37	2.1	29.0	0.1	13	0.22
523620	Drill Core	2.04	1.895	4.2	43.2	1029	1235	23.0	4.8	5.2	1518	4.33	8070	2152	3.2	57	19.5	157.0	0.3	17	0.27
523621	Drill Core	2.08	0.089	1.8	48.8	31.1	161	0.5	24.4	23.2	1061	3.97	581.2	78.0	8.3	20	1.0	23.8	0.2	90	1.52
523622	Rock Pulp	0.14	3.554	211.3	2475	73.7	89	34.0	34.1	24.1	644	4.47	43.2	3776	1.8	110	0.4	63.9	1.6	61	1.26
524827	Rock	0.88	<0.005	0.1	0.8	1.9	14	<0.1	2.3	1.3	198	0.47	4.6	2.3	<0.1	36	<0.1	0.1	<0.1	<2	22.68
524828	Drill Core	2.38	<0.005	0.3	8.8	5.3	72	<0.1	9.4	14.2	735	3.69	7.7	2.1	4.3	146	<0.1	0.3	0.1	112	2.02
524829	Drill Core	3.14	<0.005	1.8	10.5	8.3	76	<0.1	7.9	12.4	703	3.05	30.3	3.5	4.8	110	0.2	3.5	0.1	99	2.44
524830	Drill Core	3.41	<0.005	0.6	6.8	161.7	294	0.6	8.2	21.4	2042	3.29	1298	7.0	5.2	96	6.4	126.1	<0.1	88	1.63
524831	Drill Core	1.91	0.012	0.8	9.4	29.8	90	0.3	4.7	8.8	1099	3.46	1594	19.5	4.7	44	0.6	16.3	0.1	32	0.37
524832	Drill Core	2.49	<0.005	0.9	8.6	5.9	67	<0.1	7.0	14.4	991	3.67	24.7	3.9	4.8	187	0.2	1.3	<0.1	116	2.67
524833	Drill Core	3.33	<0.005	0.7	13.7	7.4	73	0.1	8.8	17.2	1155	3.93	74.9	10.4	4.7	143	0.2	2.1	<0.1	104	2.93
524834	Drill Core	2.74	0.008	1.0	12.9	15.7	85	0.3	7.7	15.4	1563	3.89	209.5	8.8	5.1	172	0.3	2.0	<0.1	102	3.44
524835	Drill Core	2.53	0.020	0.9	11.4	38.3	82	0.6	5.9	10.9	2353	2.74	191.4	31.4	3.3	99	0.7	2.1	0.3	22	5.05
524836	Drill Core	2.43	0.007	4.3	11.4	4.8	55	<0.1	7.3	12.6	629	3.67	72.5	12.0	4.8	151	0.1	1.2	0.1	129	1.62
524837	Rock Pulp	0.14	3.507	196.1	2434	71.2	92	26.6	32.9	22.8	637	4.43	44.9	3885	1.7	112	0.5	73.7	1.7	61	1.18
524838	Drill Core	2.23	0.326	0.9	15.0	13.2	41	0.4	4.4	10.4	559	3.72	3579	369.1	5.0	53	0.2	42.5	0.5	27	0.54
524839	Drill Core	2.77	0.005	0.8	10.3	7.1	40	0.1	5.7	10.4	588	2.52	24.5	3.6	6.2	54	0.2	0.9	<0.1	56	1.17
524840	Drill Core	2.76	<0.005	0.6	11.6	6.3	39	<0.1	6.5	11.4	461	2.80	25.1	8.5	5.5	91	<0.1	0.6	<0.1	82	1.19
524841	Drill Core	2.94	<0.005	0.9	14.5	5.1	42	<0.1	8.6	11.8	504	3.25	11.7	5.2	5.8	102	<0.1	0.3	<0.1	103	1.21

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS WHI11001084.1

	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
523611	Drill Core	0.085	13	16	1.46	364	0.210	2	3.43	0.385	0.98	0.1	<0.01	7.1	0.8	0.18	9	<0.5	<0.2	
523612	Drill Core	0.092	13	4	1.08	158	0.181	2	3.19	0.389	0.39	0.2	<0.01	4.8	0.4	0.44	9	<0.5	<0.2	
523613	Drill Core	0.095	17	3	1.12	281	0.174	1	2.47	0.214	0.62	<0.1	<0.01	5.7	0.6	0.12	8	0.6	<0.2	
523614	Drill Core	0.085	17	11	1.04	287	0.174	2	2.31	0.127	0.54	0.3	0.03	6.0	2.1	0.05	7	<0.5	<0.2	
523615	Drill Core	0.090	11	8	1.11	133	0.190	1	2.28	0.145	0.28	0.2	<0.01	4.7	0.2	0.65	7	1.5	<0.2	
523616	Drill Core	0.086	13	35	1.07	363	0.176	2	2.26	0.230	0.61	0.2	0.05	7.5	0.4	0.09	6	<0.5	<0.2	
523617	Drill Core	0.079	12	30	1.30	531	0.226	<1	2.62	0.271	0.84	0.1	<0.01	6.5	0.5	<0.05	7	0.8	<0.2	
523618	Drill Core	0.079	23	12	0.09	116	0.001	2	0.77	0.007	0.24	0.2	0.21	7.0	2.0	<0.05	2	1.1	<0.2	
523619	Drill Core	0.041	14	2	0.07	635	0.001	3	0.63	0.009	0.25	0.2	0.18	2.6	1.7	0.13	2	<0.5	<0.2	
523620	Drill Core	0.045	10	5	0.08	132	0.002	3	0.49	0.016	0.23	0.3	0.33	2.6	3.0	0.43	2	<0.5	<0.2	
523621	Drill Core	0.116	25	35	0.17	373	0.003	2	1.30	0.004	0.17	<0.1	0.05	13.5	0.7	0.15	4	0.5	<0.2	
523622	Rock Pulp	0.066	6	17	1.00	51	0.116	<1	1.69	0.118	0.20	0.3	9.31	1.9	0.1	1.85	5	1.1	21.0	0.235
524827	Rock	0.015	<1	2	11.65	27	0.001	<1	0.04	0.003	0.02	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	
524828	Drill Core	0.070	14	22	1.27	434	0.155	1	3.30	0.357	0.79	<0.1	0.01	8.8	0.4	<0.05	8	<0.5	<0.2	
524829	Drill Core	0.078	14	17	0.86	308	0.130	2	2.67	0.254	0.50	0.1	0.07	9.3	0.5	0.12	7	<0.5	<0.2	
524830	Drill Core	0.073	17	14	0.72	1546	0.081	3	2.44	0.214	0.65	<0.1	0.29	9.3	1.3	<0.05	6	<0.5	<0.2	
524831	Drill Core	0.058	22	4	0.04	98	<0.001	4	0.96	0.007	0.17	0.2	0.36	9.4	4.4	0.15	3	0.6	<0.2	
524832	Drill Core	0.074	14	20	1.42	475	0.135	1	3.78	0.489	0.85	<0.1	<0.01	9.2	0.6	0.06	9	<0.5	<0.2	
524833	Drill Core	0.093	15	13	1.11	466	0.123	2	3.05	0.343	0.77	<0.1	0.01	10.9	0.5	0.07	7	1.1	<0.2	
524834	Drill Core	0.084	16	14	1.12	367	0.090	2	3.04	0.301	0.60	<0.1	<0.01	7.8	0.4	<0.05	8	<0.5	<0.2	
524835	Drill Core	0.060	11	4	0.42	134	0.001	2	0.54	0.009	0.22	0.2	0.02	3.2	0.3	0.07	1	<0.5	<0.2	
524836	Drill Core	0.076	13	20	1.55	476	0.180	1	3.79	0.452	1.01	<0.1	0.01	9.1	0.7	<0.05	10	<0.5	<0.2	
524837	Rock Pulp	0.067	6	16	1.00	49	0.102	1	1.60	0.106	0.19	0.3	9.75	1.7	0.1	1.84	5	1.1	19.6	0.248
524838	Drill Core	0.072	18	4	0.17	285	0.002	3	0.92	0.019	0.28	0.7	0.07	6.1	5.8	0.12	2	<0.5	0.3	
524839	Drill Core	0.061	18	10	0.96	343	0.071	1	1.86	0.135	0.51	0.1	<0.01	4.9	0.3	<0.05	6	<0.5	<0.2	
524840	Drill Core	0.077	12	15	1.28	387	0.100	1	2.63	0.258	0.69	<0.1	<0.01	6.5	0.3	0.05	8	<0.5	<0.2	
524841	Drill Core	0.066	10	19	1.58	553	0.157	1	3.16	0.310	0.94	0.2	<0.01	8.3	0.4	0.05	10	<0.5	<0.2	

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Project: Charlotte Project
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS WHI11001084.1

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
524842	Drill Core	3.00	<0.005	0.4	10.5	4.8	40	<0.1	5.5	9.8	448	3.08	14.8	4.2	4.3	127	0.1	0.5	<0.1	94	1.54
524843	Drill Core	3.27	<0.005	0.6	16.0	7.0	64	<0.1	8.7	14.8	639	3.86	29.8	5.6	4.3	139	0.1	1.1	<0.1	117	1.79
524844	Drill Core	2.73	<0.005	0.3	15.3	6.2	62	<0.1	7.1	13.0	597	3.23	16.3	4.4	4.6	141	0.1	0.6	<0.1	99	1.75
524845	Drill Core	2.58	<0.005	0.5	12.4	4.6	46	0.1	5.9	11.6	691	3.09	9.9	4.0	4.6	99	0.1	0.7	<0.1	89	2.29
524846	Drill Core	3.00	0.011	0.6	22.4	7.0	50	0.2	5.5	10.7	706	3.00	24.0	9.0	4.3	93	0.1	1.9	0.1	72	2.77
524847	Drill Core	3.01	0.010	0.6	14.9	7.6	54	0.1	6.2	9.9	959	2.91	19.5	5.0	4.2	109	0.2	1.3	<0.1	72	4.35
524848	Drill Core	3.02	0.006	1.7	16.9	5.6	63	0.1	4.9	11.7	781	3.30	12.4	5.2	4.9	102	0.1	0.6	<0.1	100	1.89
524849	Drill Core	3.55	0.010	0.4	26.3	6.9	56	0.2	5.6	11.2	923	3.41	38.0	13.0	4.3	109	0.2	0.9	<0.1	84	2.34
524850	Drill Core	1.47	<0.005	0.5	9.6	6.5	42	<0.1	6.2	9.3	447	3.06	8.0	4.7	6.2	123	<0.1	0.3	<0.1	91	1.60

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS WHI11001084.1

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
524842	Drill Core	0.080	10	13	1.27	428	0.130	1	3.13	0.376	0.64	<0.1	0.01	6.1	0.3	<0.05	9	<0.5	<0.2	
524843	Drill Core	0.063	10	18	1.52	490	0.146	2	3.66	0.397	0.78	<0.1	0.02	8.0	0.4	<0.05	10	<0.5	<0.2	
524844	Drill Core	0.066	10	14	1.41	404	0.160	2	3.46	0.374	0.72	0.2	<0.01	7.5	0.3	<0.05	10	<0.5	<0.2	
524845	Drill Core	0.065	12	12	0.99	377	0.148	1	2.24	0.235	0.54	0.2	<0.01	5.3	0.2	<0.05	7	<0.5	<0.2	
524846	Drill Core	0.064	14	10	0.71	300	0.118	1	1.97	0.154	0.45	0.1	0.01	5.5	0.2	0.05	6	<0.5	<0.2	
524847	Drill Core	0.053	13	10	0.88	410	0.130	<1	1.94	0.160	0.54	0.1	<0.01	4.8	0.3	<0.05	6	<0.5	<0.2	
524848	Drill Core	0.062	13	9	1.24	450	0.116	1	2.62	0.257	0.50	<0.1	0.01	7.2	0.2	0.10	8	<0.5	<0.2	
524849	Drill Core	0.073	13	8	0.96	185	0.089	1	2.20	0.223	0.24	<0.1	0.02	6.1	0.2	0.16	8	<0.5	<0.2	
524850	Drill Core	0.065	10	13	1.24	438	0.146	<1	3.37	0.406	0.68	0.1	<0.01	6.5	0.4	<0.05	10	<0.5	<0.2	

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PO Box 11604
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Project: Charlotte Project
Report Date: September 18, 2011

QUALITY CONTROL REPORT WHI11001084.1

	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																					
523616	Drill Core	2.02	0.007	1.0	22.3	4.9	42	<0.1	15.0	16.9	776	3.75	22.1	10.6	6.2	90	<0.1	1.0	<0.1	101	3.32
REP 523616	QC		0.007																		
REP 523619	QC			2.7	21.0	76.4	193	1.1	2.1	4.2	510	3.16	1987	369.8	3.8	36	2.0	31.4	0.2	13	0.18
524849	Drill Core	3.55	0.010	0.4	26.3	6.9	56	0.2	5.6	11.2	923	3.41	38.0	13.0	4.3	109	0.2	0.9	<0.1	84	2.34
REP 524849	QC			0.3	25.1	6.7	55	0.2	4.8	10.6	903	3.41	37.6	10.7	4.1	106	0.2	0.8	<0.1	81	2.28
Core Reject Duplicates																					
523619	Drill Core	2.84	0.356	3.0	21.9	75.4	198	1.2	2.1	4.3	510	3.23	2057	387.9	3.6	37	2.1	29.0	0.1	13	0.22
DUP 523619	QC		0.364	3.3	21.0	68.0	197	1.2	2.9	4.6	545	3.27	2054	375.2	3.7	37	2.1	37.2	0.2	14	0.18
Reference Materials																					
STD DS8	Standard			13.9	110.9	122.3	325	1.9	37.6	7.5	634	2.45	25.9	113.7	6.9	65	2.5	5.5	6.2	42	0.73
STD DS8	Standard			13.1	110.0	132.1	316	1.9	38.6	7.8	649	2.59	27.4	126.0	6.8	63	2.4	4.8	6.4	44	0.76
STD OREAS131B	Standard																				
STD OREAS131B	Standard																				
STD OXH82	Standard		1.288																		
STD OXH82	Standard		1.308																		
STD OXK79	Standard		3.646																		
STD OXK79	Standard		3.584																		
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																					
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																				
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

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 18, 2011

QUALITY CONTROL REPORT WHI11001084.1

	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																				
523616	Drill Core	0.086	13	35	1.07	363	0.176	2	2.26	0.230	0.61	0.2	0.05	7.5	0.4	0.09	6	<0.5	<0.2	
REP 523616	QC																			
REP 523619	QC	0.038	14	2	0.05	776	0.001	3	0.62	0.009	0.24	0.2	0.16	2.7	1.7	0.13	2	0.7	<0.2	
524849	Drill Core	0.073	13	8	0.96	185	0.089	1	2.20	0.223	0.24	<0.1	0.02	6.1	0.2	0.16	8	<0.5	<0.2	
REP 524849	QC	0.074	12	7	0.95	178	0.083	1	2.16	0.212	0.24	<0.1	0.01	5.8	0.2	0.16	7	<0.5	<0.2	
Core Reject Duplicates																				
523619	Drill Core	0.041	14	2	0.07	635	0.001	3	0.63	0.009	0.25	0.2	0.18	2.6	1.7	0.13	2	<0.5	<0.2	
DUP 523619	QC	0.039	14	3	0.05	850	0.001	3	0.69	0.009	0.25	0.2	0.18	2.7	1.8	0.13	2	0.7	<0.2	
Reference Materials																				
STD DS8	Standard	0.079	17	117	0.61	292	0.116	3	0.91	0.082	0.41	3.1	0.21	2.2	5.6	0.17	5	5.6	5.0	
STD DS8	Standard	0.083	15	125	0.65	272	0.113	3	0.96	0.089	0.43	3.2	0.18	2.3	5.9	0.17	5	7.5	5.6	
STD OREAS131B	Standard																			0.021
STD OREAS131B	Standard																			0.021
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
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
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
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	

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 18, 2011

QUALITY CONTROL REPORT WHI11001084.1

		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																				
Prep Wash																					
G1	Prep Blank		<0.005	<0.1	3.1	4.9	53	<0.1	2.8	4.2	610	2.03	<0.5	<0.5	6.0	60	<0.1	<0.1	<0.1	36	0.50
G1	Prep Blank		<0.005	0.3	3.2	4.7	48	<0.1	3.9	4.3	573	2.05	<0.5	<0.5	6.2	62	<0.1	<0.1	<0.1	38	0.60

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		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
Prep Wash																				
G1	Prep Blank	0.073	14	5	0.52	168	0.120	<1	0.93	0.082	0.47	<0.1	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.073	15	7	0.54	157	0.121	2	1.03	0.103	0.48	0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2	

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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: August 22, 2011
Report Date: October 27, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI11001248.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-028
P.O. Number
Number of Samples: 65

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	62	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	65	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	65	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	1	Lead collection fire assay 30G fusion - Grav finish	30	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
Nicola Struyk

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS WHI11001248.1

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

[redacted]

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CERTIFICATE OF ANALYSIS WHI11001248.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Cu
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
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	50	0.001

[redacted]

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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

[redacted]

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Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS WHI11001248.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Cu
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
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	50	0.001

[redacted]

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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: Charlotte Project
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS WHI11001248.1

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
523657	Drill Core	2.22	0.010	0.4	41.2	17.3	13	0.6	2.2	1.5	50	2.36	6.2	8.5	9.7	110	<0.1	0.6	13.7	14	0.14
523658	Drill Core	1.95	0.010	0.7	30.5	18.5	9	0.8	0.9	0.8	19	2.85	11.7	7.9	6.9	76	0.1	0.9	26.3	8	0.01
523659	Drill Core	1.72	0.007	0.9	34.5	14.6	18	0.4	1.7	3.2	49	2.21	19.3	3.5	8.3	38	<0.1	0.2	15.5	10	<0.01
523660	Drill Core	1.90	0.007	1.0	28.8	10.4	14	0.4	3.6	3.3	49	2.79	13.2	8.8	8.3	77	<0.1	0.3	6.7	21	0.09
523661	Drill Core	2.22	0.017	0.2	60.4	8.5	20	0.4	1.6	1.7	92	2.40	9.9	22.2	9.2	57	<0.1	0.4	13.2	63	0.15

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Project: Charlotte Project
Report Date: October 27, 2011

CERTIFICATE OF ANALYSIS WHI11001248.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
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	50	0.001
523657	Drill Core	0.050	13	7	0.32	188	0.049	1	0.95	0.112	0.26	1.3	<0.01	1.2	0.2	0.77	4	<0.5	1.1		
523658	Drill Core	0.044	12	4	0.06	124	0.007	<1	0.34	0.131	0.37	0.7	<0.01	0.5	0.2	0.82	2	0.7	2.8		
523659	Drill Core	0.045	16	7	0.27	192	0.008	<1	0.53	0.060	0.27	0.8	<0.01	0.9	0.2	0.28	3	<0.5	2.2		
523660	Drill Core	0.051	5	11	0.51	67	0.071	<1	0.99	0.105	0.14	1.0	<0.01	1.8	0.1	1.36	5	<0.5	1.7		
523661	Drill Core	0.039	10	10	0.85	33	0.116	<1	1.25	0.095	0.13	0.3	<0.01	4.6	0.2	0.26	8	0.7	5.3		

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 27, 2011

QUALITY CONTROL REPORT WHI11001248.1

	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																					
[redacted]																					
Core Reject Duplicates																					
[redacted]																					
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			14.5	112.0	139.6	309	1.9	40.8	8.2	619	2.46	23.7	121.9	7.5	69	2.3	5.5	7.0	42	0.73
STD DS8	Standard			11.4	105.6	129.1	306	1.7	35.7	7.3	597	2.37	23.4	100.2	6.8	60	2.6	5.1	6.6	40	0.67
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				

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Project: Charlotte Project
Report Date: October 27, 2011

QUALITY CONTROL REPORT WHI11001248.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	7TD
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Cu
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	%
		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	50	0.001
Pulp Duplicates																						
[redacted]																						
Core Reject Duplicates																						
[redacted]																						
Reference Materials																						
STD AGPROOF	Standard																				95	
STD CDN-ME-3	Standard																				263	
STD DS8	Standard		0.080	16	124	0.63	261	0.120	3	1.00	0.105	0.44	3.4	0.22	2.1	6.1	0.14	5	5.0	5.3		
STD DS8	Standard		0.075	12	111	0.59	253	0.103	2	0.88	0.086	0.41	2.7	0.20	2.1	5.5	0.16	5	4.6	4.5		
STD OREAS131B	Standard																					0.022
STD OREAS153A	Standard																					0.709
STD OREAS131B	Standard																					0.021
STD OREAS153A	Standard																					0.715
STD OREAS131B	Standard																					0.023
STD OREAS153A	Standard																					0.710

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Project: Charlotte Project
Report Date: October 27, 2011

QUALITY CONTROL REPORT WHI11001248.1

		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 OXH82	Standard		1.286																		
STD OXH82	Standard		1.277																		
STD OXK79	Standard		3.496																		
STD OXK79	Standard		3.612																		
STD SU-1B	Standard																				
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 CDN-ME-3 Expected																					
STD AGPROOF Expected																					
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			<0.1	<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	1.1	<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																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		<0.005	<0.1	2.0	2.6	41	<0.1	2.3	3.9	544	1.93	<0.5	1.2	4.9	62	<0.1	<0.1	<0.1	35	0.45
G1	Prep Blank		<0.005	0.1	2.1	2.9	42	<0.1	2.4	4.2	562	2.01	<0.5	0.9	5.4	59	<0.1	<0.1	<0.1	38	0.46

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Project: Charlotte Project
Report Date: October 27, 2011

QUALITY CONTROL REPORT WHI11001248.1

		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	G6Gr Ag gm/t 50	7TD Cu % 0.001
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD SU-1B	Standard																				1.174
STD SU-1B	Standard																				1.164
STD SU-1B	Standard																				1.170
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 CDN-ME-3 Expected																				276	
STD AGPROOF Expected																				94	
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	<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																			<50	
BLK	Blank																			<50	
BLK	Blank																				<0.001
BLK	Blank																				<0.001
BLK	Blank																				<0.001
Prep Wash																					
G1	Prep Blank	0.071	12	5	0.49	141	0.117	1	0.95	0.115	0.49	<0.1	<0.01	1.6	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.075	14	6	0.49	139	0.119	1	1.02	0.126	0.51	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2		

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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: August 22, 2011
Report Date: November 03, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI11001253.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-027
P.O. Number
Number of Samples: 37

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	37	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	37	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	37	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

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

CC: Bernie Dewonek
Peter Dadson
Nicola Struyk

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: November 03, 2011

CERTIFICATE OF ANALYSIS WHI11001253.1

	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
523651	Rock	2.03	0.016	0.2	80.2	7.8	31	0.3	4.1	3.4	174	2.57	7.1	18.5	8.4	45	0.1	1.0	8.4	56	0.28
523652	Rock	1.64	0.040	0.2	83.5	7.1	27	0.3	3.2	2.8	138	2.48	11.1	49.0	8.9	57	<0.1	2.3	5.8	48	0.15
523653	Rock	1.80	<0.005	0.3	58.7	5.3	31	0.2	4.3	3.0	194	2.70	10.0	6.9	9.1	50	0.1	0.4	3.0	62	0.34
523654	Rock	1.34	0.014	0.4	49.4	13.8	23	0.6	3.4	2.7	87	2.83	13.2	10.3	7.6	86	0.1	0.6	17.0	36	0.17
523655	Rock	1.82	0.012	0.6	49.2	8.4	16	0.4	3.4	3.2	57	3.00	19.3	8.5	7.9	62	<0.1	0.4	8.7	17	0.12
523656	Rock	1.62	0.006	0.7	35.2	12.0	17	0.4	2.2	1.3	42	1.98	8.3	6.2	8.4	111	<0.1	0.6	10.2	11	0.08
523662	Rock	1.83	0.014	0.3	43.5	7.3	31	0.3	3.5	2.2	157	2.28	11.6	12.3	7.5	50	0.2	0.4	3.1	59	0.38
523663	Rock	1.95	0.028	0.5	80.9	49.0	21	1.6	2.6	1.3	85	2.87	71.5	38.6	9.6	64	0.1	0.7	18.5	49	0.12
523664	Rock	2.04	0.010	0.5	34.8	6.4	32	0.3	4.1	3.2	214	2.97	9.7	12.6	8.7	43	0.1	0.2	2.0	63	0.36
523665	Rock	1.96	0.109	0.4	84.0	24.3	25	4.5	2.5	1.6	136	3.77	49.9	102.3	8.4	55	<0.1	0.6	12.8	46	0.20
523666	Rock	2.26	0.042	0.5	95.5	37.3	31	1.5	6.4	2.2	152	2.99	55.7	45.3	8.5	45	0.1	1.0	9.0	55	0.21
523667	Rock	2.22	0.149	1.4	32.1	155.5	6	4.4	0.8	0.2	21	2.78	177.5	182.3	3.6	52	<0.1	2.7	26.1	6	0.01
523668	Rock	1.94	0.071	0.9	126.2	21.9	40	1.5	15.0	4.7	161	3.18	38.1	65.3	6.7	65	0.3	0.8	9.8	56	0.40
523669	Rock	2.31	0.122	0.2	49.5	67.6	24	2.0	2.1	1.1	106	2.21	90.8	96.8	8.0	40	0.2	1.6	7.6	34	0.16
523670	Rock	0.96	<0.005	<0.1	1.5	0.9	12	<0.1	0.2	3.2	220	0.44	2.7	0.5	<0.1	38	<0.1	<0.1	<0.1	<2	20.84
523671	Rock	2.39	0.020	0.3	83.2	8.9	35	1.0	3.7	4.7	219	2.78	11.8	23.9	9.6	45	0.2	0.4	8.7	68	0.52
523672	Rock	2.06	0.017	2.1	45.0	11.9	31	0.6	8.0	5.5	138	2.95	10.8	19.6	5.4	87	0.2	0.3	8.4	44	0.53
523673	Rock	2.02	0.013	1.1	26.2	3.0	23	0.1	6.4	3.8	109	1.84	17.0	5.4	6.0	141	0.1	0.2	2.5	33	0.91
523674	Rock	2.26	0.006	1.6	51.2	4.3	22	0.3	6.3	3.6	102	1.67	15.1	7.7	5.9	131	<0.1	0.3	3.9	33	0.72
523675	Rock	2.27	0.017	0.3	79.7	10.9	32	0.9	3.1	2.8	160	2.69	17.9	12.8	9.0	36	0.1	0.4	7.2	62	0.25
523676	Rock	2.35	0.046	0.3	69.8	30.4	32	4.1	3.2	2.0	144	2.87	36.1	45.8	8.1	51	0.2	0.5	21.8	55	0.30
523677	Rock	1.96	0.012	1.5	28.3	8.2	23	0.5	3.6	2.2	111	2.33	14.7	19.3	7.4	112	<0.1	0.6	4.7	32	0.29
523678	Rock	2.08	0.013	1.8	25.1	6.1	28	0.4	5.9	3.9	124	2.39	20.9	15.2	6.0	85	<0.1	0.5	3.8	35	0.28
523679	Rock	2.23	0.025	0.3	36.6	8.3	28	0.6	2.9	3.6	157	2.92	20.9	26.6	8.7	93	<0.1	0.5	5.7	64	0.25
523680	Rock	2.27	0.216	0.4	30.5	11.9	22	0.9	2.5	3.0	108	2.29	35.2	195.2	9.5	82	<0.1	0.9	6.9	44	0.16
523681	Rock	1.94	0.038	0.8	54.4	7.0	27	0.7	3.7	3.6	137	2.40	39.3	43.9	5.0	35	<0.1	1.5	7.1	45	0.33
523682	Rock	2.09	0.041	0.4	57.1	7.1	34	0.7	3.6	3.9	220	2.55	17.2	42.8	7.8	59	<0.1	0.6	3.3	49	0.28
523683	Rock	1.76	0.079	0.3	115.7	9.8	41	1.6	3.2	4.7	249	2.71	28.1	85.6	8.4	46	0.1	1.0	21.0	61	0.32
523684	Rock	1.57	0.028	0.3	65.9	7.5	39	1.2	3.8	5.6	235	2.77	26.1	31.6	8.5	25	<0.1	0.6	5.6	56	0.28
523685	Rock	1.83	0.057	1.3	74.7	8.4	28	1.2	1.5	1.6	110	2.56	42.6	76.9	6.6	26	<0.1	0.9	23.3	46	0.12

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: November 03, 2011

CERTIFICATE OF ANALYSIS WHI11001253.1

	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
523651	Rock	0.045	13	10	0.89	90	0.141	1	1.90	0.052	0.35	0.2	<0.01	3.9	0.8	0.10	6	<0.5	0.7	
523652	Rock	0.034	15	8	0.70	118	0.079	1	1.77	0.056	0.36	0.1	<0.01	4.2	0.8	0.18	7	0.5	0.8	
523653	Rock	0.049	9	11	0.90	69	0.166	1	1.81	0.061	0.30	0.6	<0.01	3.6	0.6	0.08	6	<0.5	0.7	
523654	Rock	0.050	10	11	0.61	159	0.110	2	1.29	0.107	0.18	0.8	<0.01	2.7	0.2	0.72	7	0.7	2.6	
523655	Rock	0.046	9	12	0.65	62	0.083	2	1.07	0.096	0.13	1.6	<0.01	2.3	0.1	1.93	6	0.6	2.2	
523656	Rock	0.049	11	8	0.44	149	0.083	1	1.08	0.085	0.17	0.7	<0.01	1.8	0.1	0.51	5	<0.5	1.7	
523662	Rock	0.048	9	13	0.93	26	0.159	2	1.57	0.068	0.14	0.6	<0.01	4.4	0.3	0.08	7	<0.5	0.4	
523663	Rock	0.028	10	8	0.56	68	0.130	1	1.35	0.084	0.29	0.3	<0.01	4.3	0.6	0.47	8	<0.5	0.9	
523664	Rock	0.050	9	13	0.86	111	0.168	2	1.73	0.110	0.35	0.5	<0.01	4.7	0.6	0.17	6	<0.5	0.3	
523665	Rock	0.043	10	8	0.57	114	0.145	2	1.27	0.136	0.50	0.5	<0.01	3.8	0.7	0.67	6	<0.5	0.6	
523666	Rock	0.040	11	27	0.93	52	0.135	2	1.78	0.081	0.28	1.4	<0.01	4.9	0.5	0.50	9	<0.5	1.3	
523667	Rock	0.027	10	10	0.06	73	0.043	3	0.44	0.085	0.58	0.9	<0.01	1.1	0.7	0.99	3	<0.5	1.0	
523668	Rock	0.060	10	61	1.17	32	0.102	<1	2.57	0.134	0.28	1.0	<0.01	5.0	0.5	0.66	12	<0.5	1.7	
523669	Rock	0.031	12	5	0.46	66	0.090	2	1.18	0.067	0.37	0.5	<0.01	3.3	0.6	0.31	5	<0.5	0.4	
523670	Rock	0.013	<1	<1	11.13	14	0.001	<1	0.03	0.002	0.02	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	
523671	Rock	0.050	10	11	1.01	69	0.140	2	1.99	0.139	0.36	0.5	<0.01	5.9	0.8	0.45	9	<0.5	<0.2	
523672	Rock	0.060	9	27	0.98	49	0.090	1	2.15	0.170	0.16	0.9	<0.01	3.9	0.3	1.54	11	<0.5	2.6	
523673	Rock	0.078	14	18	0.86	32	0.086	<1	1.96	0.179	0.14	0.9	<0.01	4.1	0.2	0.91	10	<0.5	0.8	
523674	Rock	0.077	13	21	0.83	32	0.075	1	1.96	0.160	0.13	0.7	<0.01	4.6	0.2	0.66	11	<0.5	0.9	
523675	Rock	0.041	10	10	0.92	47	0.126	2	1.53	0.078	0.14	1.1	<0.01	5.4	0.3	0.46	8	<0.5	0.6	
523676	Rock	0.039	10	13	0.76	64	0.131	2	1.70	0.114	0.34	0.6	<0.01	4.4	0.6	0.32	7	<0.5	0.7	
523677	Rock	0.060	13	15	0.67	53	0.084	<1	1.45	0.073	0.12	1.1	<0.01	3.0	0.2	0.41	8	<0.5	0.7	
523678	Rock	0.061	14	20	0.81	32	0.092	<1	1.47	0.090	0.11	1.3	<0.01	3.2	0.2	0.69	9	<0.5	0.5	
523679	Rock	0.036	10	11	0.79	54	0.146	<1	1.47	0.108	0.13	0.7	<0.01	5.1	0.3	0.66	8	<0.5	1.3	
523680	Rock	0.034	13	10	0.66	40	0.143	<1	1.39	0.085	0.19	0.6	<0.01	4.2	0.3	0.51	6	<0.5	0.9	
523681	Rock	0.064	11	9	1.18	20	0.058	<1	2.33	0.094	0.17	0.7	<0.01	4.2	0.4	0.55	9	<0.5	1.0	
523682	Rock	0.050	10	12	0.87	30	0.029	<1	1.83	0.047	0.18	0.1	<0.01	4.1	0.7	0.06	7	<0.5	0.4	
523683	Rock	0.054	12	11	0.98	29	0.052	<1	1.91	0.048	0.17	0.3	<0.01	4.7	0.7	<0.05	7	<0.5	0.5	
523684	Rock	0.055	11	12	0.97	34	0.042	<1	1.92	0.041	0.21	0.2	<0.01	4.4	0.7	0.07	8	<0.5	0.5	
523685	Rock	0.066	13	6	0.81	20	0.026	<1	1.75	0.032	0.10	0.6	<0.01	3.5	0.3	0.07	9	<0.5	0.7	

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: November 03, 2011

CERTIFICATE OF ANALYSIS WHI11001253.1

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
523686	Rock	1.59	0.037	1.6	86.1	7.5	35	1.0	2.4	2.7	132	2.62	48.0	37.3	6.5	25	<0.1	0.6	10.7	38	0.17
523687	Rock	2.06	0.032	0.8	47.8	6.6	29	0.6	1.9	1.6	139	2.21	24.9	36.8	6.6	27	<0.1	1.2	4.4	42	0.18
523688	Rock	1.69	0.041	1.0	65.2	6.0	27	0.6	3.1	3.0	127	2.07	38.5	43.1	5.7	33	<0.1	1.1	6.4	41	0.31
523689	Rock	1.79	0.012	0.3	48.0	6.7	32	0.5	3.4	4.1	179	2.32	14.1	11.1	7.6	32	<0.1	0.9	3.5	57	0.34
523690	Rock	0.14	0.847	528.2	4574	30.6	24	14.5	8.2	4.9	299	1.29	11.6	843.9	0.9	261	1.2	38.9	2.4	10	0.92
523691	Rock	1.77	0.027	<0.1	47.4	7.2	38	0.5	4.1	5.3	210	2.63	18.8	24.3	7.9	41	0.1	0.7	3.3	60	0.35
523692	Rock	1.84	0.053	0.3	91.3	37.1	19	2.1	2.1	1.3	88	3.51	70.1	53.9	8.2	67	<0.1	1.2	10.8	39	0.09

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: November 03, 2011

CERTIFICATE OF ANALYSIS WHI11001253.1

	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
523686	Rock	0.075	14	9	0.88	19	0.009	<1	1.84	0.031	0.10	0.4	<0.01	3.7	0.6	<0.05	8	0.5	0.9	
523687	Rock	0.061	12	8	0.95	36	0.060	<1	1.72	0.043	0.15	0.9	<0.01	3.5	0.3	0.13	8	<0.5	0.3	
523688	Rock	0.070	14	9	1.01	25	0.043	<1	1.94	0.069	0.13	1.5	<0.01	3.5	0.3	0.30	9	<0.5	0.4	
523689	Rock	0.052	10	10	0.92	48	0.099	<1	1.62	0.069	0.22	0.8	<0.01	4.7	0.5	0.38	6	<0.5	0.3	
523690	Rock	0.039	6	11	0.11	219	0.006	<1	0.46	0.039	0.22	0.2	2.27	0.9	<0.1	0.79	2	<0.5	5.4	0.466
523691	Rock	0.053	11	12	0.99	71	0.122	<1	1.80	0.072	0.30	1.8	<0.01	4.0	0.6	0.32	7	<0.5	0.3	
523692	Rock	0.039	14	11	0.52	112	0.056	<1	1.15	0.127	0.40	6.3	0.01	3.1	0.5	0.91	7	<0.5	1.5	

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Project: Charlotte Project
Report Date: November 03, 2011

QUALITY CONTROL REPORT WHI11001253.1

	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																					
523656	Rock	1.62	0.006	0.7	35.2	12.0	17	0.4	2.2	1.3	42	1.98	8.3	6.2	8.4	111	<0.1	0.6	10.2	11	0.08
REP 523656	QC		0.005																		
523671	Rock	2.39	0.020	0.3	83.2	8.9	35	1.0	3.7	4.7	219	2.78	11.8	23.9	9.6	45	0.2	0.4	8.7	68	0.52
REP 523671	QC			0.2	84.7	9.3	37	1.0	3.7	4.7	226	2.81	11.5	25.0	9.7	45	0.2	0.3	8.7	70	0.56
523676	Rock	2.35	0.046	0.3	69.8	30.4	32	4.1	3.2	2.0	144	2.87	36.1	45.8	8.1	51	0.2	0.5	21.8	55	0.30
REP 523676	QC			0.4	70.8	30.8	32	4.1	3.2	1.9	143	2.88	36.5	44.6	8.1	52	0.2	0.5	22.2	55	0.29
Core Reject Duplicates																					
523679	Rock	2.23	0.025	0.3	36.6	8.3	28	0.6	2.9	3.6	157	2.92	20.9	26.6	8.7	93	<0.1	0.5	5.7	64	0.25
DUP 523679	QC		0.032	0.3	38.8	7.7	28	0.7	2.8	3.3	154	2.67	22.1	32.1	8.7	68	<0.1	0.5	5.2	65	0.23
Reference Materials																					
STD DS8	Standard			12.8	106.5	122.5	303	1.7	36.5	7.3	600	2.40	23.5	104.0	6.8	65	2.1	5.8	6.5	40	0.69
STD DS8	Standard			13.1	109.0	125.0	309	1.9	39.1	7.8	600	2.47	24.6	115.1	7.0	73	2.3	5.3	6.6	37	0.74
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD OXH82	Standard		1.292																		
STD OXH82	Standard		1.303																		
STD OXH82	Standard		1.314																		
STD OXK79	Standard		3.603																		
STD OXK79	Standard		3.551																		
STD OXK79	Standard		3.499																		
STD SU-1B	Standard																				
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
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
BLK	Blank		<0.005																		

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Project: Charlotte Project
Report Date: November 03, 2011

QUALITY CONTROL REPORT WHI11001253.1

		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
Pulp Duplicates																					
523656	Rock		0.049	11	8	0.44	149	0.083	1	1.08	0.085	0.17	0.7	<0.01	1.8	0.1	0.51	5	<0.5	1.7	
REP 523656	QC																				
523671	Rock		0.050	10	11	1.01	69	0.140	2	1.99	0.139	0.36	0.5	<0.01	5.9	0.8	0.45	9	<0.5	<0.2	
REP 523671	QC		0.053	11	11	1.04	71	0.144	3	2.05	0.138	0.36	0.6	<0.01	5.9	0.7	0.46	8	0.5	0.2	
523676	Rock		0.039	10	13	0.76	64	0.131	2	1.70	0.114	0.34	0.6	<0.01	4.4	0.6	0.32	7	<0.5	0.7	
REP 523676	QC		0.039	10	13	0.77	65	0.129	2	1.69	0.112	0.34	0.6	<0.01	4.4	0.7	0.33	7	0.7	0.6	
Core Reject Duplicates																					
523679	Rock		0.036	10	11	0.79	54	0.146	<1	1.47	0.108	0.13	0.7	<0.01	5.1	0.3	0.66	8	<0.5	1.3	
DUP 523679	QC		0.035	10	10	0.83	45	0.153	2	1.44	0.092	0.11	0.8	<0.01	5.3	0.2	0.61	8	<0.5	0.8	
Reference Materials																					
STD DS8	Standard		0.076	15	116	0.60	273	0.118	3	0.91	0.087	0.41	3.0	0.18	2.4	5.3	0.16	5	4.8	5.3	
STD DS8	Standard		0.074	16	112	0.60	261	0.112	3	0.89	0.082	0.41	2.8	0.22	2.1	5.3	0.16	5	4.8	5.4	
STD OREAS131B	Standard																				0.021
STD OREAS153A	Standard																				0.718
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD SU-1B	Standard																				1.121
STD OXH82 Expected																					
STD OXK79 Expected																					
STD OREAS131B Expected																					0.0216
STD SU-1B Expected																					1.185
STD OREAS153A Expected																					0.712
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	
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.

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

Project: Charlotte Project
Report Date: November 03, 2011

QUALITY CONTROL REPORT WHI11001253.1

		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		<0.005																		
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																				
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank		<0.005	0.3	4.4	3.0	48	<0.1	2.4	3.6	567	2.01	0.6	<0.5	5.5	67	<0.1	<0.1	<0.1	34	0.50
G1	Prep Blank		<0.005	0.1	3.9	3.2	49	<0.1	1.9	3.5	583	2.04	<0.5	<0.5	6.3	71	<0.1	<0.1	<0.1	35	0.50

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QUALITY CONTROL REPORT WHI11001253.1

		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																			
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
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	
Prep Wash																				
G1	Prep Blank	0.070	13	5	0.48	159	0.118	2	0.94	0.097	0.48	<0.1	<0.01	2.6	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.078	16	4	0.47	158	0.122	2	0.95	0.100	0.48	<0.1	<0.01	2.8	0.3	<0.05	5	<0.5	<0.2	

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Appendix VII

List of Soil Samples

Line	Station	Sample No.	UTM (E)	UTM (N)	Elev. (m)	Sampler	Moisture	Colour	Composition	Depth (cm)	Organics (%)	Rocks (%)	Slope (°)	Direction	Comments
N01	1	20110001	385546	6886614	1279	GS	Moist	Brown	Sand/Gravel	24	4	10	-7	E	
N01	2	20110002	385546	6886566	1287	GS	Moist	Brown	Sand/Gravel	22	2	10	-5	E	
N01	3	20110003	385543	6886515	1297	GS	Moist	Brown	Sand/Gravel	13	3	10	-7	E	Large angular rocks in B horizon. May have been an old road.
N01	4	20110004	385546	6886463	1303	GS	Moist	Brown	Sand/Gravel	22	10	10	-5	E	
N01	5	20110005	385545	6886413	1312	GS	Moist	Brown	Sand/Gravel	30	5	5	-7	E	
N01	6	20110006	385545	6886365	1320	GS	Moist	Brown	Silt/Sand	28	6	8	-6	E	
N01	7	20110007	385545	6886314	1328	GS	Moist	Brown	Sand/Gravel	21	2	10	-4	E	
N01	8	20110008	385546	6886265	1335	GS	Moist	Brown	Sand/Gravel	15	4	15	-2	E	
N01	9	20110009	385545	6886214	1343	GS	Moist	Brown	Silt/Sand	23	3	6	-3	E	
N01	10	20110010	385548	6886164	1347	GS	Moist	Brown	Sand/Gravel	20	4	10	-3	E	
N01	11	20110012	385543	6886114	1344	GS	Moist	Brown	Sand/Gravel	18	7	15	-3	E	
N01	12	20110013	385545	6886065	1331	GS	Moist	Brown	Sand/Gravel	26	5	40	-4	E	Adjacent to road, roughly 4 meters.
N01	13	20110014	385545	6886018	1330	GS	Moist	Brown	Silt/Sand	32	2	2	-4	E	
N01	14	20110015	385548	6885967	1327	GS	Moist	Brown	Sand/Gravel	27	3	50	-5	E	
N01	15	20110016	385544	6885916	1323	GS	Moist	Brown	Sand/Gravel	27	3	20	-4	E	
N01	16	20110017	385544	6885864	1321	GS	Moist	Brown	Sand/Gravel	39	4	20	-3	E	
N01	17	20110018	385549	6885851	1318	GS	Moist	Brown	Sand/Gravel	29	7	18	-3	E	
NW01	23	20110025	386721	6884381	1414	TD	Moist	Brown	Silt/Sand	15	20	0	4	NE	
NW01	24	20110026	386680	6884347	1414	TD	Moist	Black/Grey	Silt/Sand	20	10	0	2	NE	
NW01	25	20110027	386642	6884321	1414	TD	Moist	Grey	Sandy	25	2	5	1	NE	
NW01	26	20110028	386604	6884286	1414	TD	Moist	Brown/Grey	Silt/Sand	20	15	0	0	N/A	
NW01	27	20110029	386559	6884255	1413	TD	Moist	Grey	Sandy	20	2	0	0	N/A	
NW01	28	20110030	386520	6884228	1414	TD	Moist	Brown	Sand/Gravel	3	50	50	0	N/A	
NW01	29	20110031	386478	6884198	1413	TD	Moist	Black/Grey	Sandy	30	5	0	0	N/A	
NW01	30	20110032	386436	6884171	1423	TD	Moist	Brown/Grey	Silt/Sand	15	30	0	-4	NE	
NW01	31	20110033	386397	6884141	1426	TD	Moist	Grey	Sandy	20	10	2	-5	NE	
NW01	32	20110034	386357	6884114	1430	TD	Moist	Grey	Silt/Sand	15	10	2	-3	NE	
NW01	33	20110035	386316	6884083	1437	TD	Saturated	Brown/Grey	Silt/Sand	20	5	2	-15	NE	
NW01	34	20110036	386278	6884054	1451	TD	Moist	Black	Silt/Sand	15	50	2	-25	NE	
NW01	35	20110037	386235	6884025	1463	TD	Moist	Brown	Clay/Silt	20	10	30	-5	NE	
NW01	36	20110038	386192	6883997	1468	TD	Moist	Brown	Silt/Sand	15	5	10	0	N/A	
NW01	37	20110039	386152	6883968	1468	TD	Moist	Brown/Grey	Sandy	15	10	0	2	NE	
NW01	38	20110040	386112	6883939	1469	TD	Moist	Brown	Silt/Sand	20	20	5	0	N/A	
NW01	39	20110041	386070	6883911	1469	TD	Moist	Brown/Grey	Silt/Sand	10	10	20	2	NE	
NW01	40	20110042	386028	6883886	1460	TD	Moist	Brown	Silt/Sand	15	35	2	10	NE	
NW01	41B	20110043	385990	6883853	1451	TD	Moist	Grey	Sandy	20	10	2	10	NE	
NW01	41A	20110044	385992	6883852	1452	TD	Moist	Grey	Sandy	20	10	2	10	NE	
NW01	42	20110045	385950	6883824	1446	TD	Moist	Black/Grey	Silt/Sand	20	20	0	10	NE	
NW01	43	20110046	385912	6883791	1447	TD	Moist	Brown/Grey	Clay/Silt	20	10	40	2	NE	
NW01	44	20110047	385871	6883765	1451	TD	Moist	Grey	Sandy	25	2	0	-5	NE	
NW01	45	20110048	385829	6883737	1451	TD	Moist	Brown	Clay/Silt	20	15	20	-2	NE	
NW01	46	20110049	385785	6883711	1450	TD	Moist	Black/Brown	Silt/Sand	15	30	0	15	NE	
NW01	47	20110050	385743	6883683	1446	TD	Moist	Brown	Silt/Sand	15	30	0	25	NE	
NW01	48	20110051	385708	6883656	1433	TD	Moist	Black	Silt/Sand	20	20	0	30	NE	
NW01	49	20110052	385662	6883626	1415	TD	Moist	Grey	Silt/Sand	20	15	0	30	NE	
NW01	50	20110053	385624	6883595	1397	TD	Moist	Grey	Sandy	20	5	0	30	NE	
NW01	51	20110054	385577	6883563	1378	TD	Moist	Grey	Sandy	20	5	2	25	NE	
NW01	52	20110055	385540	6883532	1362	TD	Moist	Grey	Sandy	20	5	2	20	NE	
NW01	53	20110056	385505	6883503	1351	TD	Moist	Brown/Grey	Silt/Sand	20	10	5	12	NE	
NW01	54	20110057	385459	6883472	1343	TD	Moist	Black/Grey	Silt/Sand	20	15	5	12	NE	
NW01	55	20110058	385421	6883447	1337	TD	Moist	Black/Grey	Silt/Sand	20	10	0	12	NE	
NW01	56	20110059	385381	6883416	1333	TD	Moist	Brown/Grey	Silt/Sand	20	10	0	10	NE	
NW01	57	20110060	385343	6883387	1329	TD	Moist	Black/Grey	Silt/Sand	10	25	0	8	NE	
NW01	58	20110061	385300	6883356	1325	TD	Moist	Black/Grey	Silt/Sand	20	15	15	8	NE	
NW01	59	20110062	385260	6883327	1321	TD	Moist	Black/Grey	Silt/Sand	20	15	0	5	NE	
NW01	60	20110063	385219	6883297	1317	TD	Moist	Brown	Sand/Gravel	20	10	30	8	NE	
NW01	61	20110064	385174	6883268	1309	TD	Moist	Brown/Grey	Silt/Sand	20	20	0	61	NE	
NW01	62B	20110065	385136	6883239	1309	TD	Moist	Black/Grey	Silt/Sand	20	10	0	5	NE	Duplicate of 62A.
NW01	62A	20110066	385136	6883239	1309	TD	Moist	Black/Grey	Silt/Sand	30	10	0	5	NE	
NW01	63	20110067	385099	6883210	1314	TD	Moist	Black	Silt/Sand	25	20	0	-20	NE	
NW02	64	20110068	385111	6883329	1286	FS	Moist	Brown	Clay/Silt	10	10	5	20	NW	
NW02	65	20110069	385151	6883362	1288	FS	Moist	Black/Brown	Clay/Silt	15	10	0	20	NW	
NW02	66	20110070	385192	6883393	1296	FS	Moist	Black/Brown	Sand/Gravel	10	5	10	17	NW	
NW02	67	20110071	385234	6883419	1302	FS	Moist	Black/Brown	Clay/Silt	24	15	0	17	NW	
NW02	68	20110072	385273	6883447	1307	FS	Moist	Black/Brown	Silt/Sand	20	15	0	20	NW	
NW02	69	20110073	385314	6883479	1312	FS	Moist	Black/Brown	Clay/Silt	15	12	0	20	NW	
NW02	70	20110074	385354	6883510	1318	FS	Moist	Black/Brown	Silt/Sand	15	5	5	20	NW	
NW02	71	20110075	385395	6883538	1323	FS	Moist	Black/Brown	Silt/Sand	10	15	0	7	NW	
NW02	72	20110076	385437	6883565	1329	FS	Moist	Black/Brown	Clay/Silt	15	10	0	8	NW	
NW02	73	20110077	385477	6883597	1338	FS	Moist	Black/Brown	Silt/Sand	10	20	0	7	NW	
NW02	74	20110078	385516	6883626	1349	FS	Moist	Brown	Clay/Silt	15	30	5	20	NW	
NW02	75	20110079	385557	6883653	1361	FS	Moist	Red	Sandy	10	5	5	20	NW	
NW02	76	20110080	385597	6883683	1375	FS	Moist	Black/Brown	Sand/Gravel	15	10	50	17	NW	
NW02	77	20110081	385635	6883714	1393	FS	Moist	Brown	Sand/Gravel	10	30	40	22	NW	
NW02	79	20110083	385721	6883769	1413	FS	Moist	Black/Brown	Clay/Silt	7	20	2	22	NW	
NW02	80	20110084	385721	6885769	1413	FS	Moist	Black/Brown	Clay/Silt	7	20	2	22	NW	
NW02	81	20110085	385762	6883799	1420	FS	Moist	Black/Brown	Silt/Sand	15	20	10	20	NW	
NW02	82	20110086	385802	6883829	1420	FS	Moist	Black	Clay/Silt	10	30	0	22	NW	
NW02	83	20110087	385841	6883858	1427	FS	Moist	Black	Clay/Silt	8	20	0	20	NW	
NW02	84	20110088	385880	6883890	1426	FS	Moist	Black/Brown	Clay/Silt	15	30	2	20	NW	
NW02	85	20110089	385918	6883921	1429	FS	Moist	Black	Clay/Silt	5	30	2	18	NW	
NW02	86	20110090	385964	6883947	1434	FS	Moist	Black/Brown	Sand/Gravel	7	20	10	20	NW	
NW02	86	20110091	386004	6883971	1441	TD	Moist	Brown	Silt/Sand	25	8	35	-	E	

Line	Station	Sample No.	UTM (E)	UTM (N)	Elev. (m)	Sampler	Moisture	Colour	Composition	Depth (cm)	Organics (%)	Rocks (%)	Slope (°)	Direction	Comments
NW02	87	20110092	386048	6883997	1443	TD	Moist	Brown	Silt/Sand	25	15	40	-	E	
NW02	88	20110093	386084	6884030	1434	TD	Moist	Brown	Silt/Sand	25	10	40	-	E	
NW02	101	20110094	386124	6884062		FS	Moist	Black/Brown	Clay/Silt	10	15	2	20	NW	
NW02	102	20110095	386166	6884091	1429	FS	Moist	Black/Brown	Silt/Sand	5	20	15	21	NW	
NW02	103	20110096	386207	6884121	1418	FS	Moist	Black	Sandy	10	15	0	20	NW	
NW02	104	20110097	386246	6884151	1420	FS	Moist	Black	Clay/Silt	20	30	2	20	NW	
NW02	109	20110102	386448	6884294	1399	FS	Moist	Brown	Sand/Gravel	7	20	30	3	NW	
NW02	110	20110103	386489	6884325	1400	FS	Moist	Black/Brown	Clay/Silt	6	30	10	3	NW	
NW02	111	20110104	386531	6884357	1397	FS	Moist	Brown	Sand/Gravel	10	15	40	4	NW	
NW02	112	20110105	386569	6884385	1399	FS	Moist	Brown	Sand/Gravel	10	10	40	5	NW	
NW02	115	20110108	386693	6884467		FS	Moist	Black/Brown	Clay/Silt	9	20	10	7	NW	
NW02	116	20110109	386732	6884500	1399	FS	Moist	Brown	Sand/Gravel	10	15	30	5	NW	
NW02	117	20110110	386775	6884527	1398	FS	Moist	Black/Brown	Clay/Silt	16	20	10	17	NW	
NW02	118	20110111	386813	6884559	1400	FS	Moist	Black/Brown	Clay/Silt	5	20	5	7	NW	
NW03	110	20110116	385208	6883543	1278	TD	Moist	Grey	Sandy	20	10	0	15	NE	
NW03	111	20110117	385247	6883576	1293	TD	Moist	Brown	Sand/Gravel	20	5	35	20	NE	
NW03	112	20110118	385286	6883602	1297	TD	Saturated	Brown	Silt/Sand	20	5	25	15	NE	
NW03	113	20110119	385330	6883636	1306	TD	Moist	Brown	Silt/Sand	20	15	35	15	NE	
NW03	114	20110120	385369	6883664	1309	TD	Moist	Brown	Silt/Sand	15	8	1	8	NE	
NW03	115	20110121	385410	6883689	1316	TD	Moist	Brown/Grey	Silt/Sand	15	45	0	45	NE	Frozen.
NW03	116	20110122	385447	6883722	1330	TD	Moist	Brown/Grey	Silt/Sand	20	5	0	20	NE	
NW03	117	20110123	385486	6883751	1342	TD	Moist	Grey	Silt/Sand	25	5	2	15	NE	
NW03	118	20110124	385527	6883781	1346	TD	Moist	Brown/Grey	Silt/Sand	20	10	2	15	NE	
NW03	119	20110125	385569	6883813	1357	TD	Moist	Brown	Silt/Sand	20	10	0	20	NE	
NW03	120	20110126	385615	6883844	1366	TD	Moist	Grey	Silt/Sand	20	5	0	22	NE	
NW03	121	20110127	385652	6883872	1376	TD	Moist	Brown/Grey	Silt/Sand	15	3	0	3	NE	
NW03	122	20110128	385692	6883906	1390	TD	Moist	Grey	Sandy	15	2	0	15	NE	
NW03	123	20110129	385736	6883930	1400	TD	Moist	Black/Grey	Silt/Sand	15	5	1	12	NE	
NW03	124	20110130	385773	6883958	1406	TD	Moist	Brown/Grey	Sandy	10	3	0	0	N/A	
NW03	125	20110131	385814	6883988	1405	TD	Moist	Brown	Silt/Sand	15	15	0	-3	NE	
NW03	136	20110143	386549	6884515	1377	FS	Moist	Brown/Tan	Sand/Gravel	6	2	30	4	NW	
NW03	137	20110144	386588	6884541	1376	FS	Moist	Black/Brown	Silt/Sand	10	20	0	4	NW	
NW03	138	20110145	386630	6884569	1380	FS	Moist	Black/Brown	Clay/Silt	9	15	5	5	NW	
NW03	139	20110146	386667	6884599	1381	FS	Moist	Black/Brown	Silt/Sand	17	20	10	6	NW	
NW03	140	20110147	386711	6884628	1382	FS	Moist	Black	Silt/Sand	5	10	2	6	NW	
NW03	141	20110148	386750	6884658	1383	FS	Moist	Black	Silt/Sand	21	10	0	20	NW	
NW03	142	20110149	386789	6884686	1386	FS	Moist	Brown	Clay/Silt	15	20	2	20	NW	
NW04	146	20110153	385216	6883668	1263	FS	Moist	Brown	Sand/Gravel	5	15	2	23	NW	
NW04	147	20110154	385257	6883701	1278	FS	Moist	Black/Brown	Clay/Silt	5	20	5	20	NW	
NW04	148	20110155	385292	6883725	1282	FS	Moist	Brown	Sandy	8	10	10	20	NW	
NW04	149A	20110156	385336	6883754	1298	FS	Moist	Brown	Sand/Gravel	15	15	10	20	NW	
NW04	149B	20110157	385336	6883754	1298	FS	Moist	Brown	Sand/Gravel	15	15	10	20	NW	
NW04	150	20110158	385378	6883784	1313	FS	Moist	Brown	Silt/Sand	20	15	5	4	NW	
NW04	151	20110159	385418	6883815	1332	FS	Moist	Black/Brown	Silt/Sand	7	20	0	5	NW	
NW04	152	20110160	385457	6883844	1342	FS	Moist	Black/Brown	Silt/Sand	15	20	0	4	NW	
NW04	153	20110161	385496	6883871	1347	FS	Moist	Black	Clay/Silt	10	20	0	3	NW	
NW04	154	20110162	385536	6883904	1355	FS	Moist	Black/Brown	Silt/Sand	10	20	1	17	NW	
NW04	155	20110163	385579	6883931	1361	FS	Moist	Brown	Sand/Gravel	20	10	20	5	NW	
NW04	156	20110164	385625	6883958	1368	FS	Moist	Black/Brown	Sand/Gravel	15	15	5	5	NW	
NW04	157	20110165	385661	6883993	1375	FS	Moist	Black/Brown	Sand/Gravel	7	20	30	21	NW	
NW04	158	20110166	385704	6884014	1380	FS	Moist	Brown	Sand/Gravel	10	15	30	26	NW	
NW04	159	20110167	385748	6884047	1388	FS	Moist	Brown	Sand/Gravel	20	15	20	20	NW	
NW04	160	20110168	385780	6884075	1382	FS	Moist	Brown	Sand/Gravel	20	20	5	20	NW	
NW04	168	20110176	386514	6884603	1368	FS	Moist	Black/Brown	Sand/Gravel	10	10	40	7	NW	
NW04	169A	20110177	386555	6884632	1369	FS?	Moist	Black/Brown	Clay/Silt	10	15	5	17	NW	
NW04	169B	20110178	386555	6884632	1369	FS?	Moist	Black/Brown	Clay/Silt	10	15	5	17	NW	
NW04	170	20110179	386595	6884661	1369	FS	Moist	Black/Brown	Clay/Silt	15	10	5	5	NW	
NW04	171	20110180	386632	6884689	1374	FS	Moist	Black/Brown	Sand/Gravel	15	10	50	5	NW	
NW04	172	20110181	386675	6884722	1372	FS	Moist	Black/Brown	Silt/Sand	7	20	10	8	NW	
NW04	173	20110182	386712	6884750	1372	FS	Moist	Brown	Sand/Gravel	15	20	50	5	NW	
NW05	176	20110185	385199	6883771	1273	TD	Moist	Grey	Silt/Sand	15	10	2	-22	SW	
NW05	177	20110186	385243	6883801	1284	TD	Moist	Brown/Grey	Silt/Sand	15	20	0	-22	SW	
NW05	178	20110187	385281	6883832	1299	TD	Moist	Grey	Silt/Sand	15	10	2	-20	SW	
NW05	179	20110188	385323	6883858	1311	TD	Moist	Brown/Grey	Silt/Sand	15	5	2	-15	SW	
NW05	180	20110189	385363	6883887	1322	TD	Moist	Brown/Grey	Silt/Sand	15	5	10	-15	SW	
NW05	181	20110190	385406	6883917	1330	TD	Moist	Brown	Silt/Sand	20	2	0	-10	SW	
NW05	182	20110191	385446	6883942	1337	TD	Moist	Grey	Silt/Sand	15	5	0	-8	SW	
NW05	183	20110192	385488	6883972	1343	TD	Moist	Black/Brown	Silt/Sand	20	40	0	-5	SW	
NW05	184	20110193	385524	6884004	1353	TD	Moist	Brown/Grey	Silt/Sand	20	5	5	-5	SW	
NW05	185	20110194	385565	6884026	1357	TD	Moist	Grey	Clay/Silt	10	5	0	-1	SW	
NW05	186	20110195	385611	6884058	1357	TD	Moist	Brown	Silt/Sand	10	15	10	0	N/A	
NW05	187	20110196	385653	6884093	1358	TD	Moist	Brown/Grey	Sandy	20	5	0	-1	SW	
NW05	188	20110197	385690	6884121	1360	TD	Moist	Brown/Grey	Sandy	20	5	0	-2	SW	
NW05	189A	20110198	385730	6884154	1364	TD	Moist	Brown	Silt/Sand	10	15	20	0	N/A	Area has been reworked.
NW05	189B	20110199	385730	6884153	1364	TD	Moist	Brown	Silt/Sand	10	15	20	0	N/A	Duplicate of 189A.
NW05	193	20110203	386464	6884673	1350	TD	Moist	Brown	Silt/Sand	20	50	1	-8	SW	
NW05	194	20110204	386503	6884704	1357	TD	Moist	Grey	Sandy	12	5	0	-5	SW	
NW05	195	20110205	386542	6884734	1364	TD	Moist	Grey	Sandy	20	5	0	-1	SW	
NW05	196	20110206	386582	6884763	1364	TD	Saturated	Black	Silt/Sand	20	75	0	0	N/A	Very saturated, frozen at base of hole.
NW05	197	20110207	386620	6884793	1364	TD	Moist	Brown	Silt/Sand	15	15	20	0	N/A	
NW06	201	20110211	385220	6883923	1296	GS	Moist	Brown	Silt/Sand	38	10	2	5	NE	
NW06	202	20110212	385261	6883954	1306	GS	Moist	Brown	Silt/Sand	28	12	15	6	NE	
NW06	203	20110213	385302	6883978	1314	GS	Moist	Brown	Silt/Sand	29	8	5	7	NE	

Line	Station	Sample No.	UTM (E)	UTM (N)	Elev. (m)	Sampler	Moisture	Colour	Composition	Depth (cm)	Organics (%)	Rocks (%)	Slope (°)	Direction	Comments
NW06	204	20110214	385347	6884006	1323	GS	Moist	Brown	Silt/Sand	30	5	12	5	NE	
NW06	205	20110215	385385	6884038	1330	GS	Moist	Brown	Silt/Sand	26	5	15	7	NE	
NW06	206	20110216	385427	6884070	1339	GS	Moist	Brown	Silt/Sand	32	5	5	2	NE	
NW06	207	20110217	385466	6884099	1344	GS	Moist	Brown	Sand/Gravel	32	5	10	3	NE	
NW06	208	20110218	385507	6884126	1345	GS	Moist	Brown	Silt/Sand	25	6	6	5	NE	Lots of work done in this area. Moved sample over, in between 2 roads and a trench.
NW06	209	20110219	385548	6884154	1349	GS	Moist	Brown	Silt/Sand	28	15	5	2	NE	Massive trench 4m over, road workings all over.
NW06	209-D	20110220	385546	6884152	1347	GS	Moist	Brown/Gray	Silt/Sand	30	15	5	2	NE	Massive trench 4m over, road workings all over.
NW06	210	20110221	385583	6884195	1346	GS	Moist	Brown/Gray	Silt/Sand	15	10	10	5	NE	In middle of trenches and a bunch of roads. Large rocks right under organic layer.
NW06	212	20110223	386403	6884767	1333	FS	Moist	Black/Brown	Sand/Gravel	10	20	5	7	NW	
NW06	213	20110224	386444	6884796	1340	FS	Moist	Brown	Sand/Gravel	15	20	15	7	NW	
NW06	217	20110228	386595	6884915	1348	FS	Moist	Black/Brown	Clay/Silt	10	15	0	7	NW	
NW07	219	20110230	386569	6885012	1332	TD	Moist	Grey	Silt/Sand	20	10	2	10	SW	
NW07	221	20110232	385245	6884066	1324	GS	Moist	Brown	Silt/Sand	34	4	4	5	NE	Ash layer in sample
NW07	222	20110233	385285	6884093	1330	GS	Moist	Brown	Silt/Sand	29	8	2	3	NE	
NW07	223	20110234	385327	6884124	1336	GS	Moist	Brown	Silt/Sand	20	5	5	1	NE	
NW07	224	20110235	385365	6884154	1340	GS	Moist	Brown	Silt/Sand	22	8	7	2	NE	Large angular rocks in B horizon.
NW07	225	20110236	385409	6884183	1344	GS	Moist	Brown	Silt/Sand	36	2	3	2	NE	Area has been worked heavily in the past.
NW07	226	20110237	385446	6884214	1341	GS	Moist	Brown	Silt/Sand	26	6	8	1	E	Area has been worked heavily in the past.
NW07	228	20110239	386463	6884941	1323	FS	Moist	Black/Brown	Clay/Silt	20	20	0	3	NW	
NW07	229	20110240	386505	6884974	1326	FS	Moist	Black/Brown	Clay/Silt	15	5	0	4	NW	
NW07	229	20110241	386505	6884974	1326	FS	Moist	Black/Brown	Clay/Silt	15	5	0	4	NW	
NW07	228	20110242	386547	6884999	1326	FS	Moist	Black/Brown	Sand/Gravel	10	20	40	4	NW	
NW07	227	20110243	386570	6885024	1236	FS	Moist	Black/Brown	Clay/Silt	10	15	0	4	NW	
NW08	235	20110247	385273	6884189	1340	GS	Moist	Brown	Sand/Gravel	18	5	15	-2	E	2m from an old road.
NW08	236	20110248	385313	6884221	1344	GS	Moist	Brown	Silt/Sand	22	6	6	-2	E	Area looked like it has been worked on before.
NW08	237	20110249	386409	6885009	1318	GS	Moist	Brown	Silt/Sand	30	25	2	4	E	Lots of ash in sample.
NW08	238	20110250	386450	6885038	1319	GS	Moist	Brown	Silt/Sand	25	2	2	2	E	Lots of ash in sample.
NW08	239	20110251	386490	6885068	1319	GS	Moist	Brown	Sand/Gravel	26	5	20	4	E	
NW09	241	20110252	386424	6885147	1299	GS	Moist	Brown	Silt/Sand	31	8	5	-4	N	Permafrost
NW09	242	20110254	386467	6885179	1301	GS	Moist	Brown	Sand/Gravel	26	5	20	-1	N	
NW09	243	20110255	386509	6885209	1308	GS	Moist	Brown	Sand/Gravel	27	5	20	-8	N	
NW09	244	20110256	386551	6885234	1303	GS	Moist	Brown	Sand/Gravel	26	5	15	-4	N	
NW09	245	20110257	386594	6885261	1297	GS	Moist	Brown	Silt/Sand	28	4	10	-5	N	
NW09	247	20110259	386676	6885314	1298	GS	Moist	Brown	Silt/Sand	19	5	8	6	NE	
NW09	248	20110260	386718	6885342	1312	GS	Moist	Brown	Silt/Sand	21	2	15	4	NE	
NW09	249	20110261	386764	6885368	1322	GS	Moist	Brown	Sand/Gravel	24	5	20	4	NE	
NW09	249-D	20110262	386763	6885369	1325	GS	Moist	Brown	Sand/Gravel	24	5	20	4	NE	
NW09	250	20110263	386803	6885394	1335	GS	Moist	Brown	Silt/Sand	18	8	8	4	NE	3m from road.
NW09	251	20110264	386846	6885423	1347	GS	Moist	Brown	Sand/Gravel	38	2	10	4	NE	Permafrost.
NW09	252	20110265	386887	6885448	1355	GS	Moist	Brown	Silt/Sand	32	8	4	4	NE	
NW09	253	20110266	386930	6885479	1365	GS	Moist	Brown	Sand/Gravel	28	5	18	4	NE	
NW09	254	20110267	386971	6885505	1371	GS	Moist	Brown	Silt/Sand	32	5	5	4	NE	Ash layer in sample.
NW09	255	20110268	387013	6885532	1378	GS	Moist	Brown	Sand/Gravel	21	5	15	3	NE	
NW09	256	20110269	387055	6885560	1386	GS	Moist	Brown	Sand/Gravel	28	8	20	5	NE	
NW09	257	20110270	387096	6885586	1393	GS	Moist	Brown	Sand/Gravel	26	7	15	2	NE	
NW09	258	20110271	387139	6885613	1401	GS	Moist	Brown	Sandy	24	5	0	2	NE	
NW09	259	20110272	387181	6885640	1413	GS	Moist	Brown	Sand/Gravel	20	6	20	1	NE	
NW09	260	20110273	387224	6885665	1417	GS	Moist	Brown	Sand/Gravel	26	8	10	-5	NE	
NW09	261	20110274	387264	6885695	1403	GS	Moist	Brown	Sand/Gravel	23	8	20	-4	NE	
NW09	262	20110275	387309	6885721	1393	GS	Moist	Brown	Sand/Gravel	24	4	25	-6	NE	
NW09	263	20110276	387348	6885749	1377	GS	Moist	Brown	Sand/Gravel	24	4	18	-6	NE	
NW09	264	20110277	387398	6885777	1356	GS	Moist	Grey	Silt/Sand	32	5	2	-6	NE	Permafrost.
NW10	265	20110278	386422	6885261	1283	TD	Moist	Brown/Grey	Sandy	20	5	2	-5	NE	
NW10	266	20110279	386461	6885293	1283	TD	Moist	Grey	Sandy	15	5	0	-5	NE	
NW10	267	20110280	386501	6885325	1273	TD	Moist	Brown	Silt/Sand	20	20	5	0	N/A	
NW11	269A	20110282	386445	6885410	1280	TD	Moist	Brown	Silt/Sand	35	20	2	-3	SW	
NW11	269B	20110283	386445	6885410	1280	TD	Moist	Brown	Silt/Sand	35	20	2	-3	SW	
NW11	270	20110284	386481	6885435	1290	TD	Moist	Grey	Sandy	25	15	1	-2	SW	
Nw12	275	20110289	386417	6885497	1298	FS	Moist	Brown	Sand/Gravel	22	10	30	20	NW	
NW12	276	20110290	386463	6885521	1308	FS	Moist	Brown/Grey	Sand/Gravel	5	10	20	6	NW	
NW12	277	20110291	386500	6885553	1313	FS	Moist	Black/Brown	Silt/Sand	10	20	20	4	NW	
NW13	284	20110298	386432	6885632	1319	FS	Moist	Black/Brown	Sand/Gravel	9	10	10	21	NW	
NW13	285	20110299	386475	6885657	1328	FS	Moist	Brown	Sandy	7	10	30	21	NW	
NW14B	293	20110308	386416	6885742	1334	TD	Moist	Brown	Silt/Sand	20	5	10	8	NE	
NW14B	294	20110309	386453	6885770	1338	TD	Moist	Brown	Silt/Sand	15	2	15	8	NE	
NW14A	299	20110314	386225	6885738	1328	TD	Moist	Brown	Silt/Sand	15	5	15	-10	SW	
NW14A	300	20110315	386265	6885765	1333	TD	Moist	Brown	Sand/Gravel	10	10	35	-5	SW	
NW14A	301	20110316	386313	6885792	1341	TD	Moist	Brown/Grey	Silt/Sand	25	5	15	-1	SW	
NW14A	302	20110317	386352	6885821	1346	TD	Moist	Brown	Silt/Sand	12	5	30	-1	SW	
NW14A	303	20110318	386393	6885846	1356	TD	Moist	Brown/Grey	Sandy	12	3	10	-2	SW	
NW14A	304	20110319	386434	6885874	1362	TD	Moist	Brown/Grey		12	2	10	-2	SW	
NW14A	305	20110320	386476	6885901	1364	TD	Moist	Brown	Silt/Sand	12	15	0	-2	SW	
SW15	322	20110338	386061	6885749	1310	FS	Moist	Brown/Tan	Sand/Gravel	10	30	60	1	SW	
SW15	324	20110339	386098	6885775	1320	FS	Moist	Brown	Sand/Gravel	20	3	30	17	SW	
SW15	324	20110340	386147	6885804	1330	FS	Moist	Brown	Sand/Gravel	30	5	20	20	SW	
SW15	325	20110341	386174	6885836	1328	FS	Moist	Brown	Sand/Gravel	20	5	10	4	SW	
SW15	326	20110342	386217	6885864	1332	FS	Moist	Brown	Sand/Gravel	4	5	10	2	SW	

Line	Station	Sample No.	UTM (E)	UTM (N)	Elev. (m)	Sampler	Moisture	Colour	Composition	Depth (cm)	Organics (%)	Rocks (%)	Slope (°)	Direction	Comments
SW15	327	20110343	386260	6885888	1335	FS	Moist	Brown	Sand/Gravel	10	4	10	3	SW	
SW15	328	20110344	386300	6885921	1343	FS	Moist	Brown	Sand/Gravel	15	5	20	20	SW	
SW15	330	20110346	386383	6885978	1363	FS	Moist	Brown	Sand/Gravel	10	10	20	20	SW	
NW16	347	20110364	385866	6885738	1284	GS	Moist	Brown	Silt/Sand	21	4	9	-4	E	Ash layer in sample.
NW16	348	20110365	385908	6885768	1283	GS	Moist	Brown	Silt/Sand	21	7	4	5	N	
NW16	349	20110366	385947	6885792	1284	GS	Moist	Black/Brown	Silt/Sand	46	10	5	6	N	Thick A horizon.
NW16	350	20110367	385988	6885825	1293	GS	Moist	Brown	Sand/Gravel	18	5	18	8	N	
NW16	351	20110368	386029	6885851	1307	GS	Moist	Brown/Grey	Sand/Gravel	24	10	8	8	N	
NW16	352	20110369	386070	6885879	1320	GS	Moist	Brown	Silt/Sand	23	5	5	8	N	Ash layer in sample.
NW16	353	20110370	386113	6885909	1325	GS	Moist	Brown	Silt/Sand	38	5	5	2	N	Ash layer in sample.
NW16	354	20110371	386154	6885935	1329	GS	Moist	Brown	Silt/Sand	12	2	8	3	N	
NW16	355	20110372	386193	6885965	1334	GS	Moist	Brown	Silt/Sand	11	5	12	2	N	
NW16	356	20110373	386240	6885990	1338	GS	Moist	Brown	Sand/Gravel	8	2	20	1	N	
NW16	357	20110374	386278	6886017	1339	GS	Moist	Brown	Sand/Gravel	15	5	15	1	N	
NW16	358	20110375	386318	6886049	1340	GS	Moist	Brown	Sand/Gravel	12	5	10	1	N	
NW16	359	20110376	386362	6886075	1342	GS	Moist	Brown	Sand/Gravel	20	0	30	-3	N	
NW16	359-D	20110377	386361	6886077	1342	GS	Moist	Brown	Sand/Gravel	17	2	30	-3	N	
NW16	360	20110378	386402	6886105	1338	GS	Moist	Brown	Silt/Sand	28	4	4	-3	N	Lots of ash and large angular rocks under organic layer. Not much B horizon.
NW16	361	20110379	386444	6886132	1333	GS	Moist	Brown	Sand/Gravel	15	5	20	-3	N	
NW16	362	20110380	386487	6886159	1326	GS	Moist	Brown	Silt/Sand	21	5	5	-4	N	Ash layer in sample.
NW17	375	20110393	385722	6885753	1279	TD	Saturated	Brown	Silt/Sand	30	60	2	15	SW	
NW17	376	20110394	385764	6885786	1274	TD	Moist	Brown	Silt/Sand	15	20	2	0	SW	
NW17	377	20110395	385799	6885812	1282	TD	Moist	Brown	Sand/Gravel	15	8	20	-18	SW	
NW17	378	20110396	385841	6885842	1301	TD	Moist	Brown	Silt/Sand	15	5	5	-10	SW	
NW17	379A	20110397	385886	6885871	1303	TD	Moist	Brown	Sandy	20	5	0	-20	SW	
NW17	379B	20110398	385886	6885871	1303	TD	Moist	Brown	Silt/Sand	20	5	0	-20	SW	Duplicate of 379A.
NW17	380	20110399	385926	6885898	1312	TD	Moist	Brown	Silt/Sand	15	3	1	-20	SW	
NW17	381	20110400	385967	6885927	1318	TD	Moist	Brown	Silt/Sand	15	5	5	-15	SW	
NW17	382	20110401	386007	6885953	1325	TD	Moist	Brown	Sandy	15	3	0	-8	SW	
NW17	383	20110402	386052	6885983	1332	TD	Moist	Brown	Silt/Sand	13	3	15	-2	SW	
NW17	384	20110403	386092	6886009	1333	TD	Moist	Brown	Silt/Sand	25	3	0	0	SW	
NW17	385	20110404	386131	6886035	1332	TD	Moist	Brown	Sand/Gravel	25	10	15	0	SW	
NW17	386	20110405	386178	6886060	1334	TD	Moist	Brown	Silt/Sand	15	10	20	0	SW	
NW17	387	20110406	386220	6886092	1335	TD	Moist	Brown	Sand/Gravel	15	3	50	3	SW	
NW17	388	20110407	386262	6886115	1331	TD	Moist	Brown	Silt/Sand	15	10	30	10	SW	
NW17	389	20110408	386305	6886143	1323	TD	Moist	Brown	Sand/Gravel	15	3	10	10	SW	
NW17	390	20110409	386345	6886168	1328	TD	Moist	Brown		10	10	40	3	SW	
NW17	391	20110410	386388	6886196	1327	TD	Moist	Grey	Sandy	15	10	0	10	SW	
NW17	392	20110411	386430	6886224	1317	TD	Moist	Brown/Black	Silt/Sand	20	40	0	20	SW	Frozen at 20cm.
NW18	398	20110417	385292	6885573	1324	GS	Moist	Brown	Silt/Sand	30	4	6	-4	E	Thin ash layer. Picket next to spot: L36N/1000E.
NW18	399	20110418	385335	6885600	1321	GS	Moist	Brown	Sand/Gravel	32	5	15	-3	E	
NW18	399-D	20110419	385333	6885599	1320	GS	Moist	Brown	Sand/Gravel	28	5	15	-3	E	
NW18	400	20110420	385374	6885632	1319	GS	Moist	Brown	Sandy	30	2	2	-6	E	
NW18	401	20110421	385415	6885662	1317	GS	Saturated	Brown	Sand/Gravel	22	10	12	1	E	
NW18	402	20110422	385456	6885689	1313	GS	Moist	Brown	Sand/Gravel	20	10	40	3	SW	
NW18	404	20110424	385534	6885748	1316	GS	Moist	Brown	Sand/Gravel	27	5	40	5	SW	
NW18	405	20110425	385578	6885777	1313	GS	Moist	Brown	Sand/Gravel	5	5	30	16	SW	
NW18	406	20110426	385622	6885806	1304	GS	Moist	Brown	Sand/Gravel	10	5	40	17	SW	
NW18	407	20110427	385661	6885847	1300	GS	Moist	Brown	Sand/Gravel	10	10	50	17	SW	
NW18	408	20110428	385700	6885864		GS	Moist	Brown	Sand/Gravel	6	5	40	7	SW	
NW18	409	20110429	385740	6885892	1291	GS	Moist	Brown	Sand/Gravel	10	5	0	7	SW	
NW18	410	20110430	385779	6885925	1303	GS	Moist	Brown	Sand/Gravel	7	2	50	2	SW	
NW18	411	20110431	385823	6885948	1309	GS	Moist	Brown	Sand/Gravel	5	10	50	3	SW	
NW18	412	20110432	385864	6885976	1314	GS	Moist	Brown	Sand/Gravel	10	3	30	3	SW	
NW18	413	20110433	385906	6886009	1320	GS	Moist	Brown	Sand/Gravel	5	2	30	4	SW	
NW18	414	20110434	385945	6886034	1322	GS	Moist	Brown	Sand/Gravel	9	5	30	6	SW	
NW18	415	20110435	385984	6886064	1326	GS	Moist	Brown	Sand/Gravel	4	2	30	7	SW	
NW18	416	20110436	386026	6886093	1327	GS	Moist	Brown	Sand/Gravel	4	4	40	7	SW	
NW18	417	20110437	386065	6886121	1327	GS	Moist	Brown	Sand/Gravel	6	2	40	5	SW	
NW18	418	20110438	386109	6886156	1324	FS	Moist	Brown/Tan	Sand/Gravel	7	2	40	7	SW	
		20110439	386151	6886180											Duplicate of station 419
NW18	419B	20110440	386151	6886180	1320	FS	Moist	Brown	Sand/Gravel	12	10	30	7	SW	
NW18	420	20110441	386192	6886206	1316	FS	Moist	Brown	Sand/Gravel	5	2	30	20	SW	
NW18	421	20110442	386236	6886238	1302	FS	Moist	Brown/Tan	Sand/Gravel	6	2	30	20	SW	
NW18	422	20110443	386275	6886268	1292	FS	Moist	Brown	Sand/Gravel	6	5	50	20	SW	
NW18	423	20110444	386313	6886275	1292	FS	Moist	Brown	Sand/Gravel	15	10	20	21	SW	
NW18	424	20110445	386325	6886282	1290	FS	Moist	Black/Brown	Silt/Sand	20	10	2	20	SW	
NW18	425	20110446	386368	6886311	1294	FS	Moist	Brown	Sand/Gravel	5	2	10	17	SW	
NW18	426	20110447	386401	6886347	1304	FS	Moist	Black/Brown	Clay/Silt	15	15	5	2	SW	
NW18	427	20110448	386441	6886372	1309	FS	Moist	Brown	Clay/Silt	17	20	5	2	SW	
NW20	432	20110453	385580	6885853	1318	GS	Moist	Brown	Silt/Sand	27	3	10	4	N	
NW20	433	20110454	385619	6885886	1311	GS	Moist	Brown	Silt/Sand	36	6	8	7	N	
NW20	434	20110455	385665	6885916	1304	GS	Moist	Brown	Sand/Gravel	48	4	12	7	N	
NW20	435	20110456	385704	6885942	1300	GS	Moist	Brown	Sand/Gravel	24	7	40	4	N	
NW20	437	20110458	385786	6886000	1313	GS	Moist	Brown	Sand/Gravel	26	0	35	3	N	
NW20	438	20110459	385828	6886026	1316	GS	Moist	Brown	Sand/Gravel	32	2	25	3	N	
NW20	439	20110460	385873	6886055	1320	GS	Moist	Brown	Silt/Sand	30	1	3	1	N	
NW20	439-D	20110461	385873	6886056	1321	GS	Moist	Brown	Silt/Sand	32	2	4	1	N	
NW20	440	20110462	385909	6886087	1326	GS	Moist	Brown	Sand/Gravel	26	0	10	1	N	10m from road.
NW20	442	20110464	385989	6886143	1326	GS	Moist	Brown	Sand/Gravel	27	4	12	2	N	Between two trenches, each about 12-15m away.
NW20	443	20110465	386032	6886172	1323	GS	Moist	Brown	Sandy	27	4	0	3	N	

Line	Station	Sample No.	UTM (E)	UTM (N)	Elev. (m)	Sampler	Moisture	Colour	Composition	Depth (cm)	Organics (%)	Rocks (%)	Slope (°)	Direction	Comments
NW20	444	20110466	386072	6886201	1318	GS	Moist	Brown	Sand/Gravel	25	5	18	2	N	
NW20	445	20110467	386112	6886230	1312	GS	Moist	Brown	Sand/Gravel	27	8	14	-6	N	
NW20	446	20110468	386155	6886257	1299	GS	Moist	Brown	Sand/Gravel	24	2	20	-8	N	
NW20	447	20110469	386195	6886285	1287	GS	Moist	Brown	Silt/Sand	25	5	7	-6	NE	
NW20	448	20110470	386236	6886319	1281	GS	Moist	Brown	Silt/Sand	26	40	4	1	NE	Just beside stream.
NW20	449	20110471	386277	6886344	1288	GS	Moist	Brown	Silt/Sand	46	8	5	3	NE	Ash layer in sample.
NW20	450	20110472	386317	6886374	1296	GS	Moist	Brown	Sand/Gravel	28	7	10	4	NE	
NW20	451	20110473	386358	6886403	1304	GS	Moist	Grey	Silt/Sand	39	4	4	4	NE	Ash layer in sample.
NW20	452	20110474	386400	6886431	1312	GS	Moist	Brown	Silt/Sand	38	4	8	5	NE	
N02	459	20110481	385640	6886617	1265	GS	Moist	Brown	Silt/Sand	26	4	8	-8	E	
N02	459-D	20110482	385639	6886618	1265	GS	Moist	Brown	Silt/Sand	22	7	8	-8	E	
N02	460	20110483	385639	6886568	1271	GS	Moist	Brown	Silt/Sand	20	7	10	-8	E	
N02	461	20110484	385640	6886518	1277	GS	Moist	Brown/Red	Sand/Gravel	20	4	60	-11	E	
N02	462	20110485	385642	6886466	1288	GS	Moist	Brown	Silt/Sand	24	4	9	-12	E	
N02	463	20110486	385641	6886417	1298	GS	Moist	Brown	Silt/Sand	17	6	4	-10	E	
N02	464	20110487	385646	6886369	1306	GS	Moist	Brown	Sand/Gravel	24	7	12	-7	E	Moved sample location over due to trench.
N02	465	20110488	385639	6886319	1315	GS	Moist	Brown	Sand/Gravel	26	4	8	-5	E	
N02	466	20110489	385641	6886268	1320	GS	Moist	Brown	Sand/Gravel	30	6	15	-2	E	
N02	467	20110490	385645	6886217	1324	GS	Moist	Brown	Silt/Sand	25	8	8	-2	E	Looks like area has been worked.
N02	468	20110491	385641	6886167	1328	GS	Moist	Brown	Sand/Gravel	22	5	12	-2	E	
N02	469	20110492	385646	6886112	1322	GS	Moist	Brown	Sand/Gravel	25	10	10	-1	E	Moved sample over due to road.
N02	470	20110493	385642	6886068	1320	GS	Moist	Brown	Sand/Gravel	24	4	38	5	N	
N02	471	20110494	385642	6886019	1312	GS	Moist	Brown	Sand/Gravel	34	5	22	8	N	
N02	472	20110495	385645	6885968	1306	GS	Moist	Brown	Sand/Gravel	33	4	15	6	N	
N02	473	20110496	385643	6885918	1304	GS	Moist	Brown	Sand/Gravel	28	4	12	-5	E	
N03	475	20110498	385740	6886615	1257	FS	Moist	Brown	Sand/Gravel	10	10	10	17	N	
N03	475	20110499	385741	6886566	1261	FS	Moist	Brown	Sand/Gravel	16	10	30	7		
N03	476	20110500	385742	6886516	1263	FS	Moist	Brown	Sand/Gravel	10	4	50	3	N	
N03	477	20110501	385742	6886467	1269	FS	Moist	Brown	Clay/Silt	20	5	0	3	N	
N03	478	20110502	385741	6886415	1279	FS	Moist	Brown/Tan	Sand/Gravel	4	4	30	4	N	
N03	479B	20110503	385741	6886364	1293	FS	Moist	Brown	Sand/Gravel	15	10	40	4	N	
N03	480	20110504	385741	6886316	1307	FS	Moist	Brown	Sand/Gravel	5	2	40	3	N	
N03	481	20110505	385742	6886266	1318	FS	Moist	Brown	Sand/Gravel	5	4	40	5	N	
N03	482	20110506	385740	6886217	1326	TD	Moist	Brown	Sand/Gravel	4	3	40	8	N	
N03	483	20110507	385742	6886166	1335	FS	Moist	Brown	Sand/Gravel	10	4	30	5	N	
N03	484	20110508	385740	6886115	1332	FS	Moist	Brown	Sand/Gravel	5	5	1	5	N	
N03	485	20110509	385742	6886065	1317	FS	Moist	Brown	Sand/Gravel	22	5	30	5	S	
N03	486	20110510	385742	6886022	1314	FS	Moist	Brown	Sand/Gravel	5	2	30	5	S	
N03	487	20110511	385743	6885971	1307	FS	Moist	Brown	Sand/Gravel	4	4	40	5	S	
N04	488	20110512	385844	6886629	1253	FS	Moist	Brown	Sand/Gravel	5	2	40	20	S	
N04	489	20110513	385840	6886564	1259	FS	Moist	Brown/Tan	Sand/Gravel	10	2	40	20	S	
N04	490	20110514	385843	6886522	1260	FS	Moist	Brown	Sand/Gravel	20	0	30	19	S	
N04	491	20110515	385841	6886472	1272	FS	Moist	Brown	Sand/Gravel	15	5	50	20	S	
N04	492	20110516	385841	6886422	1277	FS	Moist	Brown	Sand/Gravel	10	10	40	20	S	
N04	493	20110517	385845	6886372	1280	FS	Moist	Brown	Sand/Gravel	4	3	20	21	S	
N04	494	20110518	385844	6886320	1293	FS	Moist	Brown	Sand/Gravel	5	4	20	20	S	
N04	495	20110519	385838	6886272	1303	FS	Moist	Brown	Sand/Gravel	5	10	40	19	S	
N04	496	20110520	385845	6886220	1311	FS	Moist	Brown	Sand/Gravel	16	10	40	20	S	
N04	497	20110521	385841	6886173	1318	FS	Moist	Brown	Sandy	23	2	20	20	S	
N04	498	20110522	385844	6886122	1319	FS	Moist	Brown	Sand/Gravel	5	5	10	5	S	
N04	499	20110523	385841	6886072	1320	FS	Moist	Brown	Sand/Gravel	5	5	10	5	S	
N05	501	20110526	385947	6886621	1263	TD	Moist	Brown	Sand/Gravel	25	5	40	2	N	Area has been reworked.
N05	502	20110527	385947	6886570	1259	TD	Moist	Brown	Silt/Sand	30	10	5	15	N	
N05	503	20110528	385947	6886522	1254	TD	Moist	Brown	Sand/Gravel	20	2	15	15	N	Taken on bank of old placer workings.
N05	504	20110529	385946	6886469	1256	TD	Moist	Brown	Sand/Gravel	12	30	8	0	N/A	Sample taken at old placer workings so is probably not an accurate representation of the mineral content in the subsurface.
N05	505	20110530	385947	6886419	1270	TD	Saturated	Brown	-	20	5	0	-20	N	Could not breach organic layer due to frozen ground.
N05	506	20110531	385946	6886372	1282	TD	Saturated	Brown	Silt/Sand	30	50	2	-15	N	Frozen, rich in organics (30cm).
N05	507	20110532	385946	6886321	1297	TD	Moist	Brown	Silt/Sand	30	10	5	-12	N	
N05	508	20110533	385946	6886270	1282	TD	Moist	Brown	Silt/Sand	15	3	40	-15	N	Silty sand with gravel.
N05	509	20110534	385947	6886219	1297	TD	Moist	Brown	Sandy	30	2	5	-12	N	
N05	510	20110535	385946	6886171	1311	TD	Moist	Brown	Silt/Sand	25	30	8	-3	N	Lots of organics.
N05	511	20110536	385946	6886125	1324	TD	Moist	Brown	Clay/Silt	12	5	0	0	N/A	
N06	512	20110537	386044	6886620	1264	TD	Moist	Brown	Sand/Gravel	15	10	25	-3	S	
N06	513	20110538	386043	6886570	1276	TD	Saturated	Brown	Silt/Sand	30	80	2	-1	S	Frozen.
N06	514	20110539	386042	6886519	1271	TD	Moist	Brown	Sand/Gravel	15	10	30	-5	S	
N06	515	20110540	386044	6886472	1268	TD	Moist	Brown	Sandy	15	2	1	1	S	Sand.
N06	516	20110541	386040	6886419	1266	TD	Moist	Brown	Silt/Sand	20	5	4	0	N/A	
N06	517	20110542	386044	6886370	1273	TD	Moist	Brown	Silt/Sand	25	75	4	20	S	Frozen.
N06	518	20110543	386041	6886321	1288	TD	Moist	Brown	Silt/Sand	15	15	20	22	S	
N06	519A	20110544	386044	6886269	1302	TD	Moist	Grey	Sandy	15	3	0	12	S	
N06	519B	20110545	386043	6886269	1299	TD	Moist	Brown	Silt/Sand	15	5	0	12	S	Duplicate.
N06	520	20110546	386042	6886221	1312	TD	Moist	Brown	Silt/Sand	10	10	20	8	S	
N06	521	20110547	386044	6886170	1318	TD	Moist	Brown	Silt/Sand	12	4	15	7	S	
N07	522	20110548	386144	6886619	1315	TD	Moist	Brown	Sand/Gravel	8	20	30	4	N	
N07	523	20110549	386141	6886572	1285	TD	Moist	Brown	Sand/Gravel	15	10	40	5	N	
N07	524	20110550	386144	6886522	1283	TD	Moist	Grey	Sandy	15	10	30	5	N	
N07	525	20110551	386142	6886470	1281	TD	Moist	Brown	Silt/Sand	15	5	35	8	N	
N07	526	20110552	386143	6886424	1277	TD	Moist	Brown	Silt/Sand	15	30	2	5	N	
N07	527	20110553	386145	6886373	1270	TD	Saturated	Brown	Silt/Sand	30	70	2	0	N/A	
N07	528	20110554	386145	6886320	1277	TD	Moist	Grey	Sandy	20	2	0	-17	N	

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N07	529	20110555	386147	6886268	1290	TD	Moist	Brown	Silt/Sand	15	3	40	-25	N	
N07	530	20110556	386145	6886248	1315	TD	Moist	Brown	Silt/Sand	15	15	1	-20	N	Half clay/silt (brown)/half sand (grey).
N08	531	20110557	386243	6886619	1301	GS	Moist	Brown	Silt/Sand	26	15	10	5	N	
N08	532	20110558	386239	6886568	1298	GS	Moist	Brown	Silt/Sand	30	7	15	2	N	
N08	533	20110559	386244	6886518	1296	GS	Moist	Grey	Sandy	27	7	4	6	NE	
N08	534	20110560	386244	6886468	1294	GS	Moist	Brown/Grey	Silt/Sand	35	12	15	6	NE	
N08	535	20110561	386241	6886419	1291	GS	Moist	Brown	Sand/Gravel	32	2	20	6	N	
N08	536	20110562	386242	6886366	1284	GS	Moist	Brown	Sand/Gravel	26	8	10	5	N	
N09	538	20110564	386343	6886619	1326	FS	Moist	Brown	Sand/Gravel	14	5	20	6	S	
N09	539A	20110565	386342	6886568	1313	FS	Moist	Brown	Sand/Gravel	10	5	40	4	S	
N09	540	20110566	386340	6886519	1308	FS	Moist	Black/Brown	Sand/Gravel	10	5	40	5	S	
N09	541	20110567	386343	6886467	1304	FS	Moist	Black/Brown	Sand/Gravel	10	10	30	17	S	
N09	542	20110568	386342	6886416	1299	FS	Moist	Black/Brown	Sand/Gravel	10	10	40	16	S	
		20110569	386339	6886369											
N09	543	20110570	386339	6886369	1293	FS	Moist	Brown	Sand/Gravel	15	10	20	17	S	
N10	544	20110571	386444	6886617	1323	TD	Moist	Brown/Black	Sand/Gravel	15	5	25	-30	S	
N10	545	20110572	386444	6886569	1320	TD	Moist	Brown	Silt/Sand	15	60	5	-15	S	
N10	546	20110573	386443	6886520	1324	TD	Moist	Brown	Silt/Sand	15	50	2	-8	S	
N10	547	20110574	386444	6886469	1316	TD	Moist	Brown/Black	Clay/Silt	20	50	0	-5	S	
N10	548	20110575	386444	6886418	1311	TD	Moist	Black	Silt/Sand	30	4	5	-4	S	Frozen at 30cm.
N11	549	20110576	386501	6887355	1314	GS	Moist	Brown	Silt/Sand	26	5	0	5	N	
N12	550	20110577	386503	6887402	1321	GS	Moist	Brown	Silt/Sand	26	5	2	6	N	
N13	551	20110578	386504	6887450	1330	GS	Moist	Grey	Silt/Sand	18	10	0	5	N	
N14	552	20110579	386501	6887500	1337	GS	Moist	Brown/Grey	Silt/Sand	19	0	4	4	N	
N15	553	20110580	386502	6887551	1347	GS	Moist	Brown/Grey/White	Silt/Sand	23	4	6	5	N	
N11	554	20110581	386499	6887304	1314	KG	Moist	Brown	Sandy	18	0	0	9	NE	Valley.
N11	555	20110582	386499	6887250	1312	KG	Moist	Brown	Sand/Gravel	15	15	45	18	E	
N11	556	20110583	386503	6887205	1324	KG	Moist	Brown	Sand/Gravel	15	15	50	28	E	
N11	557	20110584	386497	6887154	1335	KG	Moist	Brown	Sand/Gravel	6	10	90	31	E	Lots of small and large angular rocks.
N11	558	20110585	386495	6887103	1349	KG	Saturated	Brown	Sand/Gravel	10	15	80	32	E	Lots of small and large angular rocks.
N11	559	20110586	386496	6887058	1350	KG	Saturated	Brown	Sand/Gravel	12	20	80	30	N/S/E	Lots of small and large angular rocks, in the valley of 3 slopes.
N11	559D	20110587	386496	6887058	1350	KG	Moist	Brown	Sand/Gravel	12	20	80	30	N/S/E	Duplicate of 559.
N11	560	20110588	386495	6887003	1382	KG	Moist	Brown	Sand/Gravel	15	20	85	-30	N	Lots of small angular rocks.
N11	561	20110589	386495	6886951	1410	KG	Moist	Brown	Sand/Gravel	7	20	80	21	E	Lots of small angular rocks.
N11	562	20110590	386494	6886902	1423	KG	Moist	Dark/Brown	Sand/Gravel	10	15	60	19	E	Lots of small angular rocks.
N11	563	20110591	386491	6886853	1425	KG	Moist	Brown	Sand/Gravel	10	15	10	18	E	E/W trench 10m to the south.
N11	564	20110592	386493	6886809	1415	KG	Moist	Brown	Sand/Gravel	35	10	15	16	N	25cm ash layer
N11	565	20110593	386492	6886758	1412	KG	Moist	Brown	Sand/Gravel	8	5	20	18	N	
N11	566	20110594	386490	6886704	1385	JC	Moist	Brown	Sand/Gravel	40	2	75	24	N	Big angular rocks with 25cm layer of ash.
N11	567	20110595	386491	6886654	1374	JC	Moist	Brown	Sand/Gravel	25	5	2	20	N	Lots of ash.
N12	572	20110600	386587	6887554	1353	TD	Moist	Brown	Silt/Sand	12	5	10	10	N	Mostly brown silt/sand with some grey sand lenses.
N12	573	20110601	386586	6887502	1344	TD	Moist	Grey	Silt/Sand	15	3	1	10	N	Mixture of brown silty soil and grey sandy soil/sand.
N12	574	20110602	386586	6887453	1332	TD	Moist	Grey	Sandy	10	5	2	10	N	
N12	575	20110603	386585	6887404	1326	TD	Moist	Grey	Sandy	12	2	5	8	N	Fine to medium sand.
N12	576	20110604	386585	6887353	1320	TD	Moist	Brown	Sandy	20	5	1	3	N	
N12	577	20110605	386587	6887302	1323	TD	Moist	Black/Brown	Silt/Sand	25	30	15	-3	N	Black/brown with sand and a lot of organics.
N12	578	20110606	386586	6887253	1330	TD	Moist	Brown	Silt/Sand	15	70	5	-5	N	Sand soil, chock full of organics! Deep, marshy moss overlay.
N12	579B	20110607	386587	6887202	1345	TD	Moist	Brown	Silt/Sand	15	5	20	-10	N	Duplicate of 579A.
N12	579A	20110608	386586	6887204	1348	TD	Moist	Brown	Silt/Sand	15	5	20	-10	N	Silt/sand with gravel pebbles.
N12	580	20110609	386587	6887153	1368	TD	Moist	Brown	Silt/Sand	15	5	15	-12	N	Silt/sand soil with pebbles.
N12	581	20110610	386587	6887103	1393	TD	Moist	Brown	Silt/Sand	12	10	15	-15	N	Silt/sand with gravel sized pebbles, some larger clasts (5cm).
N12	582	20110611	386585	6887053	1393	TD	Moist	Brown	Silt/Sand	15	3	5	-2	N	
N12	583	20110612	386586	6887002	1397	TD	Moist	Brown	Silt/Sand	15	15	20	-30	N	
N12	584	20110613	386587	6886952	1415	TD	Moist	Tan	Silt/Sand	15	5	35	-20	N	
N12	585	20110614	386587	6886901	1437	TD	Moist	Brown	Clay/Silt	20	15	20	-8	N	
N12	586	20110615	386587	6886853	1447	TD	Moist	Brown	Silt/Sand	30	20	40	20	N	2m north of reclaimed trench.
N12	587	20110616	386585	6886803	1444	TD	Moist	Brown	Sand/Gravel	30	15	50	20	N	
N12	588	20110617	386586	6886754	1439	TD	Moist	Brown	Silt/Sand	20	15	30	12	N	
N12	589	20110618	386587	6886703	1419	TD	Moist	Brown	Sand/Gravel	20	30	20	30	N	
N12	590	20110619	386584	6886653	1396	TD	Moist	Tan	Sandy	15	5	0	25	N	
N13	593	20110622	386699	6887551	1351	GS	Moist	Grey	Sandy	23	8	5	4	N	
N13	594	20110623	386703	6887501	1345	GS	Moist	Grey	Sandy	19	8	4	4	N	
N13	595	20110624	386701	6887447	1339	GS	Moist	Brown	Silt/Sand	21	5	5	2	N	
N13	596	20110625	386701	6887400	1338	GS	Moist	Grey	Sandy	28	0	5	-2	N	
N13	597	20110626	386699	6887353	1340	GS	Saturated	Tan	Silt/Sand	19	7	12	-4	N	
N13	598	20110627	386700	6887302	1348	GS	Moist	Grey	Sand/Gravel	18	5	25	-12	N	
N13	599	20110628	386700	6887252	1362	GS	Moist	Brown	Sand/Gravel	20	10	7	-6	NE	
N13	599-D	20110629	386699	6887253	1360	GS	Moist	Brown	Sand/Gravel	18	6	8	-5	NE	
N13	600	20110630	386701	6887201	1364	GS	Moist	Brown	Sand/Gravel	26	5	10	-4	NE	Next to outcrop.
N13	601	20110631	386702	6887152	1372	GS	Moist	Brown	Silt/Sand	22	2	6	-8	NE	
N13	602	20110632	386700	6887098	1386	GS	Saturated	Brown	Silt/Sand	26	5	5	-8	NE	
N13	603	20110633	386701	6887049	1396	GS	Moist	Tan	Sand/Gravel	18	5	20	-10	NE	
N13	604	20110634	386700	6887003	1416	GS	Moist	Brown	Silt/Sand	17	5	15	-18	NE	Large angular rocks in B horizon.
N13	605	20110635	386701	6886952	1427	GS	Moist	Brown	Sand/Gravel	19	5	10	-7	NE	
N13	606	20110636	386702	6886901	1443	GS	Moist	Brown	Silt/Sand	14	18	13	-10	NE	
N13	607	20110637	386707	6886846	1441	GS	Moist	Brown	Silt/Sand	12	5	5	8	NE	Moved sample location over due to outcrop.
N13	608	20110638	386702	6886800	1444	GS	Moist	Brown	Sand/Gravel	18	5	10	10	N	Large angular rocks in B horizon.
N13	609	20110639	386703	6886752	1436	GS	Moist	Brown	Silt/Sand	13	10	15	20	N	Large angular rocks in B horizon.

Line	Station	Sample No.	UTM (E)	UTM (N)	Elev. (m)	Sampler	Moisture	Colour	Composition	Depth (cm)	Organics (%)	Rocks (%)	Slope (°)	Direction	Comments
N13	610	20110640	386701	6886702	1421	GS	Moist	Brown	Sand/Gravel	22	5	30	35	N	Large angular rocks in B horizon.
N13	611	20110641	386701	6886651	1404	GS	Moist	Brown	Silt/Sand	20	5	10	9	N	Large angular rocks in B horizon.
N14	614	20110644	386791	6887551	1355	FS	Moist	Brown	Sand/Gravel	9	10	30	5	N	
N14	615	20110645	386793	6887502	1352	FS	Moist	Black/Brown	Sand/Gravel	20	0	1	5	N	
N14	616	20110646	386790	6887451	1348	FS	Moist	Brown	Sand/Gravel	16	5	0	2	N	
N14	617	20110647	386794	6887399	1348	TD	Moist	Brown	Sand/Gravel	6	2	5	2	N	
N14	618	20110648	386790	6887351	1352	FS	Moist	Brown	Sand/Gravel	6	2	5	2	N	
N14	619 D	20110649	386793	6887300	1362	FS	Moist	Brown	Sand/Gravel	15	5	2	11	N	
N14	620	20110651	386795	6887253	1376	FS	Moist	Brown	Sand/Gravel	14	5	30	11	N	
N14	621	20110652	386793	6887198	1388	FS	Moist	Brown	Sand/Gravel	8	5	30	6	N	
N14	622	20110653	386788	6887151	1390	FS	Moist	Brown	Sand/Gravel	15	5	40	5	N	
N14	623	20110654	386791	6887101	1395	FS	Moist	Brown	Sand/Gravel	8	5	40	4	N	
N14	624	20110655	386790	6887049	1394	FS	Moist	Brown	Sand/Gravel	10	5	40	5	N	
N14	625	20110656	386794	6886996	1399	FS	Moist	Brown	Sand/Gravel	17	10	30	4	N	
N14	626	20110657	386798	6886950	1397	FS	Moist	Brown	Sand/Gravel	15	5	50	4	N	
N14	627	20110658	386802	6886899	1403	FS	Moist	Brown	Sand/Gravel	4	20	40	5	N	
N14	628	20110659	386802	6886851	1402	FS	Moist	Brown	Sand/Gravel	16	5	10	5	N	
N14	629	20110660	386796	6886802	1409	FS	Moist	Brown	Sand/Gravel	15	15	20	2	N	
N14	630	20110661	386793	6886751	1407	FS	Moist	Brown	Sand/Gravel	10	10	10	2	N	
N14	631	20110662	386792	6886704	1398	FS	Moist	Brown	Sand/Gravel	10	10	50	2	N	
N14	632	20110663	386791	6886654	1399	FS	Moist	Brown	Sand/Gravel	12	10	20	3	N	
NE02	652	20110684	388206	6885485	1366	GS	Moist	Brown	Silt/Sand	30	4	8	-8	NE	
NE02	653	20110685	388163	6885457	1374	GS	Moist	Brown	Silt/Sand	26	5	8	-6	NE	
NE02	654	20110686	388122	6885433	1384	GS	Moist	Brown	Silt/Sand	32	5	5	-6	NE	Permafrost.
NE02	655	20110687	388078	6885403	1395	GS	Moist	Brown	Sand/Gravel	30	8	20	-8	NE	
NE02	656	20110688	388037	6885379	1406	GS	Moist	Brown/Grey	Silt/Sand	38	6	2	-5	NE	Ash layer in sample.
NE02	657	20110689	387995	6885351	1415	GS	Moist	Brown	Sand/Gravel	30	4	10	-5	NE	
NE02	658	20110690	387953	6885322	1423	GS	Moist	Brown	Sand/Gravel	25	6	15	-8	NE	
NE02	659	20110691	387911	6885297	1430	GS	Moist	Brown	Sand/Gravel	30	8	25	-4	NE	
NE02	659-D	20110692	387912	6885299	1429	GS	Moist	Brown	Sand/Gravel	32	10	25	-4	NE	
NE02	660	20110693	387870	6885271	1434	GS	Moist	Brown	Sand/Gravel	30	10	20	-4	NE	
NE02	661	20110694	387830	6885242	1439	GS	Moist	Brown	Silt/Sand	26	5	8	-4	NE	
NE02	662	20110695	387788	6885211	1444	GS	Moist	Brown	Sandy	20	4	2	-3	NE	
NE02	663	20110696	387744	6885186	1446	GS	Moist	Brown	Sand/Gravel	26	4	28	-3	NE	Next to outcrop, lots of large angular rocks under organic layer.
NE02	664	20110697	387698	6885175	1445	GS	Moist	Brown/Grey	Silt/Sand	32	4	20	-1	NE	Near outcrop, lots of rocks and ash in the soil and some in sample.
NE02	665	20110698	387648	6885172	1440	GS	Moist	Brown	Sand/Gravel	28	8	20	3	NE	
NE02	666	20110699	387601	6885161	1434	GS	Moist	Brown	Sand/Gravel	26	5	20	4	NE	
NE02	667	20110700	387561	6885136	1427	GS	Moist	Brown	Silt/Sand	25	4	4	6	NE	
NE02	668	20110701	387519	6885105	1422	GS	Moist	Brown	Silt/Sand	5	8	8	6	NE	
NE02	669	20110702	387476	6885076	1417	GS	Moist	Brown	Silt/Sand	26	5	8	6	NE	
NE02	670	20110703	387440	6885046	1413	GS	Moist	Brown/Grey	Sand/Gravel	28	10	25	4	NE	
NE02	671	20110704	387397	6885021	1407	GS	Moist	Brown	Silt/Sand	31	10	5	5	NE	
NE02	672	20110705	387353	6884991	1401	GS	Moist	Brown	Sand/Gravel	36	8	22	-2	N	
NE02	673	20110706	387312	6884966	1397	GS	Moist	Brown/Grey	Silt/Sand	46	5	10	-4	N	
NE02	674	20110707	387270	6884935	1390	GS	Moist	Grey	Sand/Gravel	41	2	10	-3	N	Thick ash layer
NE02	675	20110708	387227	6884909	1384	GS	Saturated	Brown	Sand/Gravel	32	5	20	-5	N	
NE02	676	20110709	387187	6884882	1380	GS	Saturated	Brown	Sand/Gravel	30	5	15	-4	N	
NE02	677	20110710	387145	6884851	1377	GS	Saturated	Brown	Sand/Gravel	28	5	15	-5	N	
NE02	685	20110719	386817	6884625	1397	GS	Moist	Brown	Sand/Gravel	28	4	18	3	N	
Nw01	686	20110720	385059	6883180	1317	AA	Saturated	Black/Brown	Silt/Sand	30	5	15	10	SE	
Nw01	687	20110721	385016	6883153	1321	AA	Dry	Tan	Sandy	20	2	2	10	SE	
Nw01	688	20110722	384978	6883123	1324	AA	Moist	Brown/Tan	Silt/Sand	15	2	10	5	SE	
Nw01	689	20110723	384935	6883089	1319	AA	Moist	Brown/Grey	Silt/Sand	25	5	2	10	SW	Sample moved due to gravel.
Nw01	690	20110724	384891	6883060	1312	AA	Moist	Brown/Tan	Silt/Sand	15	10	5	30	SW	Lots of rocks.
Nw01	691	20110725	384850	6883034	1292	AA	Moist	Brown/Tan	Silt/Sand	10	25	5	25	SW	Rocky.
Nw01	692	20110726	384814	6883009	1273	AA	Moist	Brown/Tan	Silt/Sand	15	15	5	25	SW	Rocky.
Nw01	693	20110727	384774	6882980	1253	AA	Moist	Tan	Silt/Sand	30	5	2	15	SW	
Nw01	694	20110728	384732	6882952	1233	AA	Moist	Brown/Tan	Silt/Sand	30	5	10	15	SW	
Nw01	695	20110729	384689	6882915	1216	AA	Moist	Black	Silt/Sand	32	10	2	15	SW	
Nw01	696	20110730	384650	6882893	1200	AA	Moist	Black/Grey	Silt/Sand	28	5	5	15	SW	
Nw01	697	20110731	384610	6882862	1185	AA	Moist	Black/Grey	Silt/Sand	28	5	2	15	SW	
Nw01	698	20110732	384568	6882832	1174	AA	Moist	Black	Silt/Sand	35	5	2	15	SW	
Nw01	699	20110733	384527	6882802	1163	AA	Moist	Black/Brown	Clay/Silt	32	5	10	10	SW	
Nw01	700	20110734	384500	6882780	1156	AA	Saturated	Black/Brown	Silt/Sand	32	10	2	10	SW	
NW02	703	20110737	384991	6883245	1304	TD	Moist	Brown/Grey	Silt/Sand	25	10	1	25	S	Partly frozen.
NW02	704	20110738	384947	6883217	1311	TD	Moist	Grey	Sandy	20	5	0	25	S	
NW02	705A	20110739	384908	6883188	1313	TD	Moist	Tan	Silt/Sand	30	10	0	10	SE	
NW02	705B	20110740	384909	6883190	1312	TD	Moist	Tan	Silt/Sand	30	10	0	10	SE	Duplicate of 705A.
NW02	706	20110741	384869	6883158	1309	TD	Saturated	Brown	Silt/Sand	30	5	35	20	SE	
NW02	707	20110742	384826	6883128	1302	TD	Moist	Tan	Silt/Sand	35	3	5	30	SE	
NW02	708	20110743	384791	6883100	1290	TD	Moist	Tan	Silt/Sand	30	3	40	42	E	
NW02	709	20110744	384745	6883071	1267	TD	Moist	Brown	Silt/Sand	20	15	0	48	NE	
NW02	710	20110745	384706	6883041	1241	TD	Moist	Tan	Silt/Sand	30	5	15	42	NE	
NW02	711	20110746	384671	6883009	1222	TD	Moist	Tan	Silt/Sand	30	3	2	40	NE	
NW02	712	20110747	384626	6882982	1200	TD	Moist	Brown	Silt/Sand	20	5	25	38	NE	
NW02	713	20110748	384585	6882952	1186	TD	Moist	Brown	Silt/Sand	40	5	2	34	NE	
NW02	714	20110749	384546	6882921	1174	TD	Moist	Black	Clay/Silt	35	1	0	20	NE	
NW02	715	20110750	384501	6882894	1163	TD	Moist	Tan	Silt/Sand	20	3	0	15	NE	
NW02	716	20110751	384441	6882865	1147	TD	Moist	Black/Brown	Silt/Sand	20	10	0	12	NE	
NW03	731	20110767	384804	6883256	1279	TD/AA	Moist	Grey	Sandy	30	5	0	40	E	
NW03	732	20110768	384764	6883225	1272	TD/AA	Moist	Brown	Silt/Sand	20	5	0	40	E	
NW03	733	20110769	384720	6883195	1261	TD/AA	Moist	Brown	Silt/Sand	25	2	0	40	E	

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NW03	734	20110770	384679	6883168	1244	TD/AA	Moist	Brown	Silt/Sand	15	20	0	35	NE	
NW03	735	20110771	384641	6883135	1223	TD/AA	Moist	Brown	Silt/Sand	15	3	1	30	NE	
NW03	736	20110772	384598	6883109	1206	TD/AA	Moist	Brown	Silt/Sand	25	3	15	30	NE	
NW03	737	20110773	384562	6883078	1191	TD/AA	Moist	Brown/Grey	Silt/Sand	15	15	2	28	NE	
NW03	738	20110774	384519	6883047	1172	TD/AA	Moist	Brown/Grey	Silt/Sand	30	2	1	25	Ne	
NW03	739	20110775	384478	6883020	1163	TD/AA	Moist	Brown/Grey	Sandy	25	5	10	28	NE	
NW03	740	20110776	384438	6882992	1156	TD/AA	Moist	Brown/Grey	Sandy	25	5	1	25	NE	
NW03	741	20110777	384381	6882944	1145	TD/AA	Moist	Brown	Silt/Sand	30	3	5	25	NE	
Sw02	798	20110838	385373	6882458	1229	AA	Moist	Brown	Silt/Sand	32	5	5	30	N	Moved sample due to road.
Sw02	800	20110839	385339	6882414	1221	AA	Moist	Tan	Silt/Sand	48	0	0	10	N	Close to road, thick ash.
Sw02	801	20110840	385298	6882382	1217	AA	Moist	Brown/Tan	Silt/Sand	38	2	0	10	N	Lots off ash in hole.
Sw02	802	20110841	385255	6882354	1206	AA	Moist	Brown	Silt/Sand	48	5	15	10	N	Lots of ash, some in sample.
Sw02	803	20110842	385208	6882332	1200	AA	Moist	Brown/Tan	Silt/Sand	40	5	15	10	N	Lots of ash.
Sw02	804	20110843	385172	6882299	1190	AA	Moist	Brown	Silt/Sand	30	15	5	10	N	Good sample.
Sw02	805	20110844	385134	6882267	1178	AA	Moist	Brown/Tan	Silt/Sand	30	5	10	10	N	Lots of ash but good sample.
sw02	806	20110845	385088	6882246	1177	AA	Moist	Brown	Silt/Sand	36	10	15	10	N	Moved sample due to road.
Sw02	806-D	20110846	385089	6882245	1180	AA	Moist	Brown	Silt/Sand	36	10	15	10	N	Moved sample due to road.
Sw03	808	20110848	385443	6882358	1199	AA	Moist	Brown	Silt/Sand	32	5	5	10	N	
Sw03	809	20110849	385435	6882354	1200	AA	Moist	Brown	Silt/Sand	34	10	20	10	N	
Sw03	810	20110850	385397	6882325	1198	AA	Moist	Brown/Tan	Silt/Sand	30	10	15	12	N	
Sw03	811	20110851	385352	6882297	1190	AA	Moist	Brown/Tan	Silt/Sand	30	5	5	10	N	
Sw03	812	20110852	385316	6882269	1186	AA	Moist	Brown/Tan	Silt/Sand	35	10	15	15	N	
Sw03	813	20110853	385270	6882237	1173	AA	Moist	Brown	Silt/Sand	36	10	15	10	N	
Sw03	814	20110854	385231	6882213	1162	AA	Moist	Tan/Orange	Silt/Sand	45	5	0	10	N	Under pine tree.
Sw03	815	20110855	385188	6882189	1167	AA	Moist	Tan	Silt/Sand	35	5	2	12	N	
Sw03	816	20110856	385147	6882149	1156	AA	Moist	Brown/Tan	Silt/Sand	36	5	5	10	N	Less ash.
Sw03	817	20110857	385105	6882126	1147	AA	Saturated	Brown/Tan	Silt/Sand	40	15	5	15	N	Less ash.
Sw03	818	20110858	385071	6882087	1133	AA	Moist	Tan	Sandy	34	15	10	10	N	Less ash.
SW04	820	20110860	385486	6882274	1184	GS	Moist	Brown/Grey	Silt/Sand	26	5	20	5	N	Lots of angular rocks under organic layer.
SW04	821	20110861	385480	6882271	1186	GS	Moist	Brown/Tan	Sandy	46	2	3	5	N	
SW04	822	20110862	385443	6882244	1178	GS	Moist	Brown/Grey	Silt/Sand	41	5	2	5	N	
SW04	823	20110863	385398	6882212	1169	GS	Moist	Tan/Grey	Sandy	39	5	2	5	N	Some ash in sample.
SW04	824	20110864	385361	6882184	1160	GS	Moist	Brown	Sand/Gravel	26	8	15	5	N	Lots of placed rocks in area, near old road.
SW04	825	20110865	385323	6882156	1153	GS	Moist	Brown	Silt/Sand	39	5	2	4	N	
SW04	826	20110866	385279	6882125	1149	GS	Moist	Brown/Grey	Silt/Sand	40	5	2	3	N	
SW04	826-D	20110867	385280	6882124	1153	GS	Moist	Brown/Grey	Silt/Sand	38	5	2	3	N	
SW04	827	20110868	385239	6882096	1143	GS	Saturated	Brown	Sandy	62	1	1	1	N	
SW04	828	20110869	385200	6882067	1135	GS	Saturated	Brown/Grey	Sand/Gravel	41	5	15	3	N	
SW04	829	20110870	385156	6882038	1135	GS	Moist	Brown	Silt/Sand	41	5	2	2	N	
SW04	830	20110871	385116	6882009	1130	GS	Moist	Brown	Sandy	38	5	0	3	N	
SW04	831	20110872	385075	6881982	1123	GS	Saturated	Brown	Silt/Sand	42	5	0	1	N	Thick ash layer. Next to creek.
SW05	833	20110874	385598	6882246	1186	GS	Moist	Brown/Grey	Silt/Sand	27	5	15	4	N	Large angular rocks in B horizon. Was a road awhile back.
SW05	834	20110875	385567	6882218	1174	GS	Moist	Brown/Grey	Silt/Sand	38	5	4	6	N	Near old road.
SW05	835	20110876	385527	6882188	1169	GS	Moist	Brown/Grey	Sand/Gravel	15	4	15	4	N	Next to road.
SW05	836	20110877	385482	6882160	1162	GS	Moist	Brown/Grey	Silt/Sand	43	5	4	3	N	
SW05	837	20110878	385443	6882134	1157	GS	Saturated	Brown/Grey	Sandy	48	4	3	3	N	
SW05	838	20110879	385401	6882103	1152	GS	Moist	Brown/Grey	Silt/Sand	36	8	4	3	N	Permafrost.
SW05	839	20110880	385364	6882072	1146	GS	Moist	Brown/Grey	Sand/Gravel	30	8	20	4	N	Next to stream, lots or rocks in B horizon.
SW05	840	20110881	385327	6882042	1141	GS	Moist	Brown/Grey	Silt/Sand	32	15	2	-1	N	Moved over due to stream.
SW05	841	20110882	385278	6882019	1148	GS	Moist	Brown/Tan	Sandy	38	4	0	-5	N	
SW05	842	20110883	385240	6881986	1147	GS	Moist	Brown/Tan	Sandy	35	2	0	-4	N	
SW05	843	20110884	385203	6881956	1143	GS	Moist	Brown/Tan	Sandy	38	5	0	9	N	
SW05	844	20110885	385159	6881930	1143	GS	Moist	Brown/Tan	Sandy	36	0	0	-7	N	
SW05	845	20110886	385118	6881901	1150	GS	Moist	Brown/Tan	Sandy	26	3	1	-6	N	
SW05	846	20110887	385078	6881871	1146	GS	Saturated	Brown/Tan	Sandy	30	3	1	-4	N	
SW05	846-D	20110888	385080	6881871	1146	GS	Saturated	Brown/Tan	Sandy	32	3	1	-4	N	
SW05	847	20110889	385039	6881842	1146	GS	Saturated	Tan/Grey	Silt/Sand	22	4	2	-5	N	Permafrost. Some ash in sample.
SW06	849	20110891	385578	6882076	1167	GS	Saturated	Brown/Grey	Silt/Sand	30	8	5	-45	N	
SW06	850	20110892	385540	6882072	1163	GS	Moist	Brown/Tan	Sandy	30	4	1	-15	N	
SW06	851	20110893	385503	6882040	1165	GS	Moist	Brown	Silt/Sand	29	5	2	-4	N	Ash layer in sample.
SW06	852	20110894	385462	6882013	1160	GS	Moist	Brown/Grey	Silt/Sand	28	5	2	-8	N	Permafrost. Some ash in sample.
SW06	853	20110895	385420	6881983	1165	GS	Moist	Brown/Grey	Silt/Sand	23	4	2	-6	N	Permafrost. Some ash in sample.
SW06	854	20110896	385381	6881958	1167	GS	Moist	Brown/Grey	Silt/Sand	22	5	2	-8	N	Permafrost. Some ash in sample.
SW06	855	20110897	385335	6881932	1167	GS	Moist	Brown/Grey	Silt/Sand	30	5	5	-7	N	
SW06	856	20110898	385296	6881896	1169	GS	Moist	Brown	Silt/Sand	25	8	15	-8	N	
SW06	857	20110899	385257	6881865	1172	GS	Saturated	Brown/Grey	Sand/Gravel	30	5	15	-7	N	
SW06	858	20110900	385215	6881841	1171	GS	Saturated	Brown	Silt/Sand	29	5	10	-7	N	
SW06	859	20110901	385172	6881809	1173	GS	Moist	Brown/Grey	Silt/Sand	22	8	2	-5	N	Permafrost. Couldn't get past ash layer.
SW06	860	20110902	385136	6881782	1170	GS	Saturated	Brown/Grey	Sandy	36	4	4	-8	N	Thick ash layer above permafrost. Some ash layer in sample.
SW06	861	20110903	385093	6881754	1167	GS	Moist	Brown	Sandy	28	4	10	-5	N	
SW06	862	20110904	385052	6881722	1166	GS	Moist	Brown/Grey	Sand/Gravel	25	4	15	-5	N	
SW07	864	20110906	385599	6881871	1224	GS	Saturated	Brown/Grey	Silt/Sand	28	10	3	-4	N	
SW07	865	20110907	385588	6881861	1223	GS	Saturated	Brown/Tan	Sand/Gravel	35	10	25	-5	N	
SW07	866	20110908	385550	6881834	1221	GS	Saturated	Brown	Sand/Gravel	29	15	15	-5	N	7m from road.
SW07	866-D	20110909	385551	6881836	1224	GS	Saturated	Brown	Sand/Gravel	30	15	15	-5	N	7m from road.
SW07	867	20110910	385508	6881804	1218	GS	Moist	Brown/Grey	Sand/Gravel	22	8	20	-4	N	2m from an old road.
SW07	868	20110911	385467	6881774	1217	GS	Moist	Brown/Grey	Sand/Gravel	30	5	8	-6	N	
SW07	869	20110912	385423	6881744	1221	GS	Moist	Brown/Tan	Silt/Sand	28	10	3	-3	N	
SW07	870	20110913	385385	6881714	1219	GS	Saturated	Brown/Grey	Silt/Sand	32	5	1	-4	N	

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SW07	871	20110914	385343	6881688	1214	GS	Moist	Tan	Sandy	29	5	2	-3	N	
SW07	872	20110915	385306	6881656	1209	GS	Moist	Tan/Grey	Sandy	35	5	2	-2	N	Moved sample over a few meters due to road.
SW07	873	20110916	385259	6881633	1204	GS	Moist	Brown	Sandy	33	5	5	-2	N	
SW07	874	20110917	385219	6881603	1197	GS	Moist	Brown/Tan	Silt/Sand	34	5	10	-2	N	
SW07	875	20110918	385179	6881570	1194	GS	Moist	Brown/Tan	Sandy	38	2	5	-2	N	Some ash in sample.
SW07	876	20110919	385139	6881543	1187	GS	Moist	Brown/Tan	Silt/Sand	30	4	10	5	N	
SW07	877	20110920	385095	6881506	1177	GS	Moist	Brown	Silt/Sand	32	15	3	8	N	Moved sample over 10m due to outcrop. Some ash in sample.
SW07	878	20110921	385055	6881484	1164	GS	Moist	Brown	Silt/Sand	30	5	1	4	N	
SW07	879	20110922	385017	6881458	1152	GS	Moist	Brown	Silt/Sand	30	4	3	4	N	Some ash in sample.
SW08	880	20110923	385657	6881666	1237	FS	Moist	Brown	Silt/Sand	5	2	10	3	NW	
SW08	881	20110924	385657	6881666	1237	FS	Moist	Brown	Silt/Sand	5	2	10	3	NW	
SW08	882	20110925	385612	6881634	1233	FS	Moist	Brown	Silt/Sand	6	5	10	5	NW	
SW08	883	20110926	385572	6881608	1228	FS	Moist	Brown	Silt/Sand	15	5	20	4	NW	
SW08	884	20110927	385530	6881585	1228	FS	Moist	Brown	Silt/Sand	10	5	20	4	NW	
SW08	885	20110928	385492	6881552	1226	FS	Moist	Brown	Silt/Sand	4	5	10	20	NW	
SW08	886A	20110929	385451	6881525	1213	FS	Moist	Brown	Sand/Gravel	7	10	30	2	NW	
SW08	886B	20110930	385451	6881525	1213	FS	Moist	Brown	Sand/Gravel	7	10	30	2	NW	
SW08	887	20110931	385410	6881505	1199	FS	Moist	Brown	Silt/Sand	9	10	20	5	NW	
SW08	888	20110932	385362	6881480	1190	FS	Moist	Brown	Sand/Gravel	7	5	15	20	NW	
SW08	889	20110933	385329	6881440	1176	FS	Moist	Brown	Sand/Gravel	10	5	20	20	NW	
SW08	890	20110934	385286	6881409	1162	FS	Moist	Brown	Clay/Silt	7	20	2	16	NW	
SW08	891	20110935	385052	6881598	1010	FS	Moist	Black/Brown	Silt/Sand	16	20	5	20	NW	
SW08	892	20110936	385208	6881349	1145	FS	Moist	Brown	Sand/Gravel	5	10	40	20	NW	
SW08	893	20110937	385164	6881321	1133	FS	Moist	Brown	Sand/Gravel	10	10	10	25	NW	
SW08	894	20110938	385126	6881293	1125	FS	Moist	Brown	Sand/Gravel	10	5	5	20	NW	
SW08	895	20110939	385079	6881259	1114	TD	Moist	Brown	Sandy	15	3	0	2	SW	
SW08	896	20110940	385045	6881236	1103	TD	Moist	Brown	Sandy	15	3	0	-8	SW	
SW08	897	20110941	384998	6881206	1096	TD	Moist	Brown	Sandy	12	20	2	-4	SW	
SW09	898	20110942	385584	6881482	1204	TD	Moist	Brown	Silt/Sand	19	5	0	-5	SW	
SW09	899	20110943	385548	6881455	1198	TD	Moist	Brown	Silt/Sand	12	5	0	-10	SW	
SW09	900	20110944	385506	6881422	1188	TD	Moist	Brown	Silt/Sand	10	15	0	-8	SW	
SW09	901	20110945	385464	6881401	1177	TD	Moist	Brown	Sandy	5	10	0	-7	SW	
SW09	902	20110946	385418	6881371	1164	TD	Moist	Tan	Sandy	15	10	0	-12	SW	
SW09	903	20110947	385380	6881343	1155	TD	Moist	Tan	Sandy	12	5	0	-5	SW	
SW09	904	20110948	385338	6881315	1148	TD	Moist	Brown/Grey	Silt/Sand	25	5	0	-3	SW	
SW09	905	20110949	385295	6881283	1138	TD	Moist	Brown	Silt/Sand	15	5	0	-10	SW	
SW09	906A	20110950	385250	6881261	1126	TD	Moist	Brown	Silt/Sand	30	20	0	-8	SW	
SW09	906B	20110951	385252	6881260	1127	TD	Moist	Brown	Silt/Sand	30	20	0	-8	SW	Duplicate of 906A.
SW09	907	20110952	385212	6881233	1116	TD	Moist	Brown	Sandy	20	15	10	-4	SW	
SW09	908	20110953	385177	6881204	1109	TD	Moist	Brown/Grey	Silt/Sand	10	20	0	-3	SW	
SW09	909	20110954	385127	6881175	1101	TD	Moist	Brown/Grey	Silt/Sand	20	10	0	0	SW	
SW09	910	20110955	385086	6881139	1097	TD	Moist	Brown	Sandy	8	10	0	5	SW	
SW09	911	20110956	385051	6881109	1103	TD	Moist	Brown	Sandy	10	10	9	10	SW	
SW09	912	20110957	385012	6881083	1104	TD	Moist	Brown	Sandy	20	3	0	25	SW	
Sw10	914	20110959	385624	6881395	1189	AA	Saturated	Tan	Silt/Sand	33	5	5	12	NW	Heavy organic layer.
Sw10	915	20110960	385589	6881374	1179	AA	Moist	Brown	Clay/Silt	38	8	10	12	NW	Heavy ash.
Sw10	916	20110961	385545	6881341	1169	AA	Moist	Brown/Grey	Sandy	38	5	5	12	NW	Heavy ash.
Sw10	917	20110962	385510	6881312	1160	AA	Saturated	Black	Clay/Silt	55	20	15	12	NW	Had trouble getting B horizon.
Sw10	918	20110963	385466	6881281	1152	AA	Dry	Tan/Grey	Clay/Silt	32	0	15	12	NW	Permafrost.
Sw10	919	20110964	385428	6881250	1144	AA	Moist	Black	Silt/Sand	36	5	5	12	NW	
Sw10	920	20110965	385382	6881226	1136	AA	Moist	Brown/Tan	Sandy	35	5	5	12	NW	
Sw10	921	20110966	385349	6881189	1131	AA	Saturated	Brown/Tan	Sandy	38	5	4	12	NW	
Sw10	922	20110967	385303	6881168	1123	AA	Saturated	Brown	Silt/Sand	38	12	2	12	NW	
Sw10	923	20110968	385264	6881143	1118	AA	Moist	Tan	Sandy	32	5	5	15	NW	
Sw10	924	20110969	385222	6881107	1135	AA	Dry	Tan	Sandy	32	0	0	0	N/A	
Sw10	925	20110970	385179	6881081	1130	AA	Dry	Tan	Sandy	32	2	0	35	SE	
Sw10	926	20110971	385135	6881047	1130	AA	Dry	Orange	Sandy	45	0	2	0	N/A	
Sw10	926-D	20110972	385135	6881048	1130	AA	Dry	Orange	Sandy	40	0	2	0	N/A	
Sw10	927	20110973	385092	6881020	1124	AA	Moist	Tan	Sandy	40	0	2	15	NW	
Sw10	928	20110974	385055	6880997	1126	AA	Moist	Tan/Orange	Sandy	30	0	6	15	W	
Sw10	929	20110975	385016	6880960	1129	AA	Moist	Tan	Sandy	36	3	2	10	N	
Sw10	930	20110976	384981	6880937	1128	AA	Moist	Brown	Silt/Sand	30	0	2	10	W	Hole filled with water.
Sw11	931	20110977	385684	6881317	1165	AA	Moist	Brown	Silt/Sand	32	5	5	12	N	Some ash.
SW11	932	20110978	385643	6881286	1157	AA	Saturated	Black/Brown	Silt/Sand	32	5	1	12	N	Permafrost, bad sample, ash in sample hard to get below ash layer.
Sw11	933	20110979	385606	6881265	1155	AA	Saturated	Brown/Tan	Silt/Sand	32	5	15	10	N	Hard sample.
Sw11	934	20110980	385562	6881232	1147	AA	Saturated	Brown/Tan	Silt/Sand	32	5	15	10	N	Some ash.
Sw11	935	20110981	385523	6881202	1140	AA	Moist	Brown/Tan	Sandy	28	2	2	10	N	
Sw11	936	20110982	385482	6881172	1136	AA	Saturated	Brown	Sandy	30	5	5	10	N	
Sw11	937	20110983	385438	6881144	1128	AA	Moist	Tan	Sandy	28	2	2	10	N	
Sw11	938	20110984	385395	6881109	1134	AA	Moist	Brown/Tan	Sandy	32	7	2	3	S	Some ash.
Sw11	939	20110985	385358	6881084	1137	AA	Moist	Brown/Tan	Sandy	30	5	2	10	S	Permafrost, some ash in sample.
Sw11	940	20110986	385321	6881059	1136	AA	Saturated	Brown/Tan	Sandy	28	2	2	15	S	
Sw11	941	20110987	385272	6881023	1144	AA	Moist	Brown/Tan	Sandy	32	2	0	20	S	
Sw11	942	20110988	385232	6880992	1145	AA	Moist	Brown/Tan	Sandy	36	2	2	10	S	
Sw11	943	20110989	385191	6880967	1143	AA	Moist	Brown/Tan	Sandy	36	2	2	10	S	
Sw11	944	20110990	385151	6880940	1147	AA	Saturated	Brown/Tan	Silt/Sand	32	12	12	10	S	
Sw11	945	20110991	385108	6880914	1147	AA	Moist	Brown/Tan	Silt/Sand	32	2	2	5	S	Permafrost, lots of ash.
Sw11	946	20110992	385068	6880884	1145	AA	Saturated	Brown/Tan	Sandy	40	2	2	10	S	
Sw11	946D	20110993	385070	6880885	1145	AA	Saturated	Brown/Tan	Sandy	40	2	2	10	S	
Sw11	947	20110994	385027	6880853	1144	AA	Saturated	Brown/Tan	Silt/Sand	32	8	10	10	S	Larger angular rocks in hole.
Sw11	948	20110995	384985	6880828	1144	AA	Moist	Brown/Tan	Sand/Gravel	30	2	16	15	S	
SW14	949	20110996	385696	6881205	1150	TD	Moist	Brown/Grey	Sandy	20	3	0	-1	SW	

Line	Station	Sample No.	UTM (E)	UTM (N)	Elev. (m)	Sampler	Moisture	Colour	Composition	Depth (cm)	Organics (%)	Rocks (%)	Slope (°)	Direction	Comments
SW14	950	20110997	385689	6881197	1146	TD	Saturated	Brown	Silt/Sand	20	10	0	-1	SW	
SW14	951	20110998	385650	6881172	1143	TD	Moist	Brown/Grey	Silt/Sand	20	10	1	-1	SW	
SW14	952	20110999	385611	6881140	1140	TD	Saturated	Grey	Sandy	20	2	0	-1	SW	
SW14	953	20111000	385574	6881116	1135	TD	Moist	Brown/Grey	Sandy	20	15	0	0	N/A	
SW14	954	20111001	385525	6881088	1132	TD	Moist	Brown/Grey	Sandy	15	15	0	2	SW	
SW14	955	20111002	385486	6881060	1144	TD	Moist	Brown	Silt/Sand	40	3	0	25	SW	
SW14	956	20111003	385446	6881026	1150	TD	Moist	Brown	Sandy	35	3	0	0	N/A	
SW14	957	20111004	385408	6881001	1154	TD	Moist	Brown	Silt/Sand	25	10	0	10	SW	
SW14	958	20111005	385365	6880969	1161	TD	Saturated	Brown	Silt/Sand	20	5	1	10	SW	
SW14	959	20111006	385323	6880939	1163	TD	Saturated	Brown	Silt/Sand	25	2	10	8	SW	
SW14	960	20111007	385284	6880912	1166	TD	Saturated	Brown	Silt/Sand	25	2	2	3	SW	
SW14	961	20111008	385244	6880880	1163	TD	Saturated	Brown/Grey	Sandy	20	10	0	1	SW	
SW14	962	20111009	385202	6880850	1171	TD	Saturated	Brown	Silt/Sand	25	5	1	0	N/A	
SW14	963	20111010	385161	6880824	1163	TD	Moist	Brown	Silt/Sand	25	0	0	0	N/A	
SW14	964	20111011	385116	6880800	1160	TD	Moist	Brown	Silt/Sand	25	0	0	0	N/A	
SW14	965	20111012	385074	6880772	1160	TD	Saturated	Brown	Silt/Sand	30	0	0	0	N/A	
SW14	966A	20111013	385033	6880743	1156	TD	Saturated	Brown	Silt/Sand	40	0	0	-3	SW	
SW14	966B	20111014	385032	6880742	1157	TD	Saturated	Brown	Silt/Sand	40	0	0	-3	SW	Duplicate of 966A.
SW14	967	20111015	384996	6880717	1148	TD	Moist	Brown	Silt/Sand	15	2	0	-6	SW	
SW15	969	20111017	385743	6881117	1148	TD	Moist	Brown	Sandy	10	15	0	0	N/A	
SW15	970	20111018	385738	6881116	1146	TD	Moist	Brown	Sandy	8	1	0	-7	SW	
SW15	971	20111019	385698	6881078	1150	TD	Moist	Tan	Sandy	7	2	0	-27	SW	
SW15	972	20111020	385658	6881052	1150	TD	Moist	Brown	Sandy	20	10	0	20	SW	
SW15	973	20111021	385617	6881019	1154	TD	Moist	Brown	Silt/Sand	10	12	2	0	N/A	
SW15	974	20111022	385578	6880988	1156	TD	Moist	Brown	Sand/Gravel	15	12	30	-8	SW	
SW15	975	20111023	385536	6880963	1165	TD	Moist	Brown	Silt/Sand	10	19	0	-10	SW	
SW15	976	20111024	385500	6880936	1171	TD	Moist	Brown	Sandy	10	5	0	-5	SW	
SW15	977	20111025	385457	6880910	1179	TD	Moist	Brown	Silt/Sand	12	5	2	-2	SW	
SW15	978	20111026	385415	6880882	1181	TD	Moist	Brown/Grey	Sandy	20	10	10	-3	SW	
SW15	979	20111027	385371	6880849	1186	TD	Moist	Brown/Grey	Silt/Sand	15	3	2	-1	SW	
SW15	980	20111028	385336	6880825	1186	TD	Moist	Brown	Silt/Sand	8	5	0	9	SW	
SW15	981	20111029	385293	6880795	1187	TD	Moist	Brown	Silt/Sand	15	5	2	0	N/A	
SW15	982	20111030	385252	6880767	1184	TD	Moist	Brown	Sand/Gravel	15	5	15	2	SW	
SW15	983	20111031	385206	6880736	1187	TD	Moist	Brown	Silt/Sand	15	5	2	8	SW	
SW15	984	20111032	385169	6880710	1184	TD	Moist	Brown	Silt/Sand	15	15	0	10	SW	
SW15	985	20111033	385126	6880682	1172	TD	Moist	Brown/Grey	Silt/Sand	12	3	0	14	SW	
SW15	986A	20111034	385085	6880650	1157	TD	Moist	Brown/Grey	Silt/Sand	15	10	2	20	SW	
SW15	986B	20111035	385085	6880650	1157	TD	Moist	Brown/Grey	Silt/Sand	15	10	2	20	SW	Duplicate of 986A.
SW15	987	20111036	385047	6880618	1142	TD	Moist	Brown	Silt/Sand	10	5	10	20	SW	
SW15	988	20111037	385005	6880591	1130	TD	Moist	Brown/Grey	Silt/Sand	20	10	0	18	SW	
SW16	991	20111040	385802	6881038	1168	GS	Moist	Brown	Sandy	34	2	2	-5	N	
SW16	992	20111041	385758	6881005	1170	GS	Saturated	Brown/Grey	Silt/Sand	38	20	3	15	E	Permafrost.
SW16	993	20111042	385715	6880974	1173	GS	Saturated	Brown/Grey	Silt/Sand	31	8	5	10	E	Ash layer in sample.
SW16	994	20111043	385677	6880950	1177	GS	Moist	Tan/Grey	Silt/Sand	28	2	10	10	E	
SW16	995	20111044	385629	6880916	1190	GS	Saturated	Brown	Sand/Gravel	26	4	15	3	E	
SW16	996	20111045	385587	6880892	1192	GS	Saturated	Tan	Silt/Sand	32	2	5	6	E	
SW16	997	20111046	385552	6880858	1200	GS	Saturated	Brown/Grey	Sandy	26	15	6	4	E	
SW16	998	20111047	385513	6880833	1202	GS	Moist	Brown/Tan	Silt/Sand	38	2	6	4	E	
SW16	999	20111048	385474	6880803	1204	GS	Saturated	Brown/Grey	Sandy	35	10	10	5	E	
SW16	1000	20111049	385430	6880772	1206	GS	Moist	Brown	Silt/Sand	29	4	8	5	E	Angular rocks in B horizon. Some ash in sample.
SW16	1001	20111050	385387	6880741	1208	GS	Moist	Tan	Silt/Sand	29	2	2	6	E	Ash layer in sample.
SW16	1002	20111051	385347	6880713	1206	GS	Moist	Brown/Tan	Sandy	32	10	10	6	E	Permafrost.
SW16	1003	20111052	385309	6880687	1199	GS	Moist	Brown/Tan	Sandy	30	8	0	3	E	
SW16	1004	20111053	385264	6880655	1194	GS	Moist	Brown	Silt/Sand	31	5	2	8	E	Thick ash layer. Some in sample.
SW16	1005	20111054	385230	6880627	1189	GS	Moist	Brown/Tan	Silt/Sand	28	4	3	32	E	
SW16	1006	20111055	385179	6880601	1175	GS	Moist	Brown/Tan	Silt/Sand	32	3	3	4	E	
SW16	1006-D	20111056	385177	6880602	1175	GS	Moist	Brown/Tan	Silt/Sand	32	3	3	4	E	
SW16	1007	20111057	385142	6880570	1162	GS	Moist	Brown/Tan	Silt/Sand	30	7	3	-5	E	
SW17	1008	20111058	385849	6880947	1203	TD	Moist	Black/Brown	Silt/Sand	5	35	0	8	SW	
SW17	1009	20111059	385843	6880941	1204	TD	Moist	Black/Brown	Silt/Sand	25	3	2	8	SW	Frozen.
SW17	1010	20111060	385802	6880913	1206	TD	Moist	Black/Brown	Silt/Sand	30	25	0	2	SW	Frozen.
SW17	1011	20111061	385762	6880883	1204	TD	Moist	Tan	Silt/Sand	30	0	40	2	SW	
SW17	1012	20111062	385720	6880855	1204	TD	Saturated	Black/Grey	Silt/Sand	25	20	20	0	N/A	
SW17	1013	20111063	385678	6880826	1208	TD	Saturated	Brown	Silt/Sand	25	5	35	2	SW	
SW17	1014	20111064	385637	6880802	1210	TD	Moist	Tan	Silt/Sand	15	5	15	0	N/A	
SW17	1015	20111065	385596	6880771	1212	TD	Moist	Brown/Grey	Silt/Sand	20	2	0	0	N/A	
SW17	1016	20111066	385556	6880744	1215	TD	Moist	Brown	Silt/Sand	20	10	5	5	SW	
SW17	1017	20111067	385513	6880708	1224	TD	Moist	Brown	Silt/Sand	15	5	3	19	SW	
SW17	1018	20111068	385476	6880684	1222	TD	Moist	Brown	Silt/Sand	15	15	15	-2	SW	
SW17	1019	20111069	385433	6880652	1224	TD	Moist	Tan	Silt/Sand	15	2	5	-2	SW	
SW17	1020	20111070	385389	6880627	1218	TD	Moist	Tan	Silt/Sand	15	3	2	0	N/A	A lot of rocks (3-6cm).
SW17	1021	20111071	385349	6880596	1209	TD	Moist	Brown	Silt/Sand	12	5	3	-8	SW	
SW17	1022	20111072	385310	6880569	1203	TD	Moist	Tan	Silt/Sand	15	3	0	-5	SW	
SW18	1023	20111073	385907	6880866	1334	TD	Moist	Brown/Grey	Sandy	20	10	2	0	N/A	
SW18	1024	20111074	385903	6880861	1220	TD	Saturated	Brown/Grey	Silt/Sand	25	5	35	0	N/A	
SW18	1025	20111075	385862	6880835	1222	TD	Saturated	Black/Brown	Silt/Sand	20	5	1	0	N/A	
SW18	1026B	20111076	385822	6880807	1219	TD	Moist	Brown	Silt/Sand	15	3	0	15	NE	Duplicate of 1026A.
SW18	1026A	20111077	385824	6880806	1220	TD	Moist	Brown	Silt/Sand	15	3	0	15	NE	
SW18	1027	20111078	385784	6880776	1217	TD	Moist	Brown	Silt/Sand	15	3	1	4	NE	
SW18	1028	20111079	385742	6880749	1214	TD	Saturated	Brown/Grey	Sandy	15	3	0	4	NE	
SW18	1029	20111080	385703	6880719	1211	TD	Moist	Brown	Silt/Sand	12	3	2	2	NE	
SW18	1030	20111081	385661	6880689	1208	TD	Moist	Brown	Silt/Sand	15	4	15	2	NE	
SW18	1031	20111082	385621	6880662	1205	TD	Moist	Brown	Silt/Sand	15	5	10	3	NE	

Line	Station	Sample No.	UTM (E)	UTM (N)	Elev. (m)	Sampler	Moisture	Colour	Composition	Depth (cm)	Organics (%)	Rocks (%)	Slope (°)	Direction	Comments
SW18	1032	20111083	385575	6880632	1202	TD	Moist	Brown	Silt/Sand	15	2	2	2	NE	
SW18	1033	20111084	385534	6880605	1198	TD	Moist	Brown	Silt/Sand	25	8	15	2	NE	
SW18	1034	20111085	385500	6880579	1198	TD	Moist	Brown	Silt/Sand	10	5	0	1	NE	
SW18	1035	20111086	385450	6880547	1196	TD	Moist	Tan	Silt/Sand	10	10	1	15	NE	
SW19	1036	20111087	385947	6880765	1249	FS	Moist	Brown	Sand/Gravel	7	15	20	20	SW	
SW19	1037	20111088	385947	6880765	1249	FS	Moist	Brown	Sand/Gravel	7	15	20	20	SW	
SW19	1038	20111089	385903	6880734	1245	FS	Moist	Brown	Sandy	17	5	0	20	SW	
SW19	1039	20111090	385860	6880707	1242	FS	Moist	Brown	Sand/Gravel	15	20	20	23	SW	
SW19	1040	20111091	385819	6880677	1236	FS	Moist	Brown	Clay/Silt	20	15	0	5	SW	
SW19	1041	20111092	385782	6880648	1226	FS	Moist	Black/Brown	Silt/Sand	15	2	5	7	SW	
SW19	1042	20111093	385736	6880619	1219	FS	Moist	Brown	Sand/Gravel	8	2	5	4	SW	
SW19	1043	20111094	385696	6880591	1208	FS	Moist	Brown	Silt/Sand	12	15	10	5	SW	
SW19	1044	20111095	385657	6880562	1199	FS	Moist	Brown	Clay/Silt	15	5	0	4	SW	
SW19	1045	20111096	385615	6880532	1192	FS	Moist	Black/Brown	Clay/Silt	17	10	0	21	SW	
SW20	1046A	20111097	386011	6880669	1268	FS	Moist	Brown/Tan	Silt/Sand	8	10	0	20	SW	
SW20	1046B	20111098	386009	6880668	1267	FS	Moist	Brown/Tan	Silt/Sand	8	10	0	20	SW	
SW20	1047	20111099	386002	6880673	1270	FS	Moist	Brown	Sand/Gravel	20	10	30	17	SW	
SW20	1048	20111100	385958	6880636	1258	FS	Moist	Brown/Orange	Sand/Gravel	10	15	10	5	SW	
SW20	1049	20111101	385918	6880605	1049	FS	Moist	Brown	Sand/Gravel	5	10	15	4	SW	
SW20	1050	20111102	385878	6880577	1050	FS	Moist	Brown	Clay/Silt	8	10	15	20	SW	
SW20	1051	20111103	385838	6880547	1232	FS	Moist	Brown	Silt/Sand	6	10	5	19	SW	
SW01	1052	20111104	385332	6882520	1253	GS	Moist	Brown	Silt/Sand	36	4	2	10	N	
SW01	1054	20111106	385291	6882488	1245	GS	Moist	Brown	Silt/Sand	38	2	2	10	N	
SW01	1055	20111107	385246	6882460	1236	GS	Moist	Brown	Silt/Sand	32	2	2	8	N	
SW01	1056	20111108	385203	6882433	1228	GS	Moist	Brown/Tan	Sandy	30	2	2	12	N	
SW01	1057	20111109	385163	6882405	1220	GS	Moist	Brown/Tan	Sandy	24	3	5	7	N	
SW01	1058	20111110	385120	6882375	1211	GS	Moist	Brown	Silt/Sand	30	3	2	9	N	
SW01	1059	20111111	385075	6882353	1205	GS	Moist	Brown	Silt/Sand	30	2	2	12	N	Moved sample over due to massive spruce trees.
SW07	1062	20111114	385628	6882007	1203	TD/AA	Moist	Black/Brown	Silt/Sand	30	10	10	30	S	
SW07	1063	20111115	385588	6881981	1205	TD/AA	Moist	Brown/Grey	Silt/Sand	40	5	2	30	S	
SW07	1064	20111116	385546	6881951	1202	TD/AA	Moist	Brown/Grey	Silt/Sand	35	5	5	30	S	
SW07	1065	20111117	385509	6881924	1199	TD/AA	Moist	Brown	Silt/Sand	25	8	15	34	SE	
SW07	1066A	20111118	385462	6881898	1195	TD/AA	Moist	Black/Brown/Grey	Silt/Sand	30	30	5	30	SE	
SW07	1066B	20111119	385462	6881899	1195	TD/AA	Moist	Black/Brown/Grey	Silt/Sand	30	30	5	30	SE	Duplicate of 1066A.
SW07	1067	20111120	385424	6881867	1194	TD/AA	Moist	Brown/Grey	Silt/Sand	30	8	2	25	SE	
SW07	1068	20111121	385384	6881835	1198	TD/AA	Moist	Black/Brown	Silt/Sand	25	35	15	30	SE	Frozen at 25cm.
SW07	1069	20111122	385343	6881807	1198	TD/AA	Moist	Brown	Sand/Gravel	25	3	15	30	SE	
SW07	1070	20111123	385304	6881779	1197	TD/AA	Moist	Brown	Silt/Sand	15	5	12	18	SE	
SW07	1071	20111124	385262	6881748	1196	TD/AA	Moist	Tan/Grey	Sandy	15	5	1	20	SE	
SW07	1072	20111125	385222	6881718	1193	TD/AA	Saturated	Brown	Sand/Gravel	35	8	30	18	SE	
SW07	1073	20111126	385178	6881691	1189	TD/AA	Moist	Brown	Silt/Sand	25	5	5	20	SE	
SW07	1074	20111127	385141	6881663	1185	TD/AA	Moist	Tan	Sandy	15	2	5	18	SE	
SW07	1075	20111128	385100	6881635	1179	TD/AA	Moist	Tan	Sandy	15	3	0	25	SE	
SW07	1076	20111129	385057	6881604	1176	TD/AA	Moist	Tan	Silt/Sand	32	2	15	18	SE	
SW09	1079	20111132	385593	6881740	1233	TD/AA	Moist	Brown/Tan	Silt/Sand	25	10	40	3	E	
SW09	1080	20111133	385554	6881712	1231	TD/AA	Moist	Brown/Tan	Silt/Sand	30	5	1	3	E	
SW09	1081	20111134	385513	6881683	1230	TD/AA	Moist	Tan	Sandy	20	5	2	10	S	
SW09	1082	20111135	385474	6881654	1229	TD/AA	Moist	Brown	Silt/Sand	30	3	15	15	NE	
SW09	1083	20111136	385434	6881621	1222	TD/AA	Moist	Brown	Silt/Sand	15	2	0	15	NE	
SW09	1084	20111137	385393	6881594	1214	TD/AA	Moist	Tan	Sandy	30	3	0	20	N	
SW09	1085	20111138	385350	6881565	1203	TD/AA	Moist	Brown	Silt/Sand	30	5	7	25	N	
SW09	1086B	20111139	385309	6881540	1193	TD/AA	Moist	Brown	Silt/Sand	20	6	1	25	NE	Duplicate of 1086A.
SW09	1086A	20111140	385308	6881541	1192	TD/AA	Moist	Brown	Silt/Sand	20	6	1	25	NE	
SW09	1087	20111141	385267	6881509	1185	TD/AA	Moist	Brown	Silt/Sand	20	3	5	24	NE	
SW09	1088	20111142	385230	6881483	1174	TD/AA	Moist	Tan	Sandy	18	2	0	28	N	
SW09	1089	20111143	385187	6881450	1164	TD/AA	Moist	Brown	Silt/Sand	25	3	0	30	N	
SW09	1090	20111144	385145	6881424	1156	TD/AA	Moist	Brown	Silt/Sand	30	4	0	30	N	
SW09	1091	20111145	385103	6881395	1150	TD/AA	Moist	Brown	Silt/Sand	32	3	0	32	NE	
SW09	1092	20111146	385063	6881362	1138	TD/AA	Moist	Brown	Silt/Sand	30	5	1	32	NE	
SW09	1093	20111147	385023	6881337	1125	TD/AA	Moist	Brown	Silt/Sand	30	5	0	32	NE	

Appendix VIII

Certificate of Analysis for Soil Samples

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: July 25, 2011
Report Date: August 16, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI11000733.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-013
P.O. Number
Number of Samples: 321

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	319	Dry at 60C			WHI
SS80	319	Dry at 60C sieve 100g to -80 mesh			WHI
G601	305	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	284	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
RJSV	319	Saving all or part of Soil Reject			WHI

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
Nicola Struyk

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.

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS WHI11000733.1

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
[redacted]																					
20110364	Soil	0.006	5.1	78.4	10.4	23	0.3	7.8	5.1	240	3.13	8.8	1.8	3.7	34	0.1	0.5	2.7	50	0.11	0.061
20110365	Soil	0.021	1.5	29.5	54.5	23	0.5	3.1	2.5	37	1.74	13.4	18.1	0.3	26	<0.1	2.4	4.3	26	0.07	0.053
20110366	Soil	0.018	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110367	Soil	0.016	1.5	56.4	22.2	37	1.2	5.4	3.3	100	2.11	24.8	12.1	1.1	19	0.1	6.8	17.3	43	0.07	0.055
20110368	Soil	<0.005	0.8	21.7	14.2	17	0.8	3.7	2.2	49	1.02	8.9	4.2	0.3	15	<0.1	2.1	6.6	23	0.09	0.034
20110369	Soil	<0.005	0.1	5.4	1.4	12	<0.1	1.8	2.3	52	0.85	1.4	<0.5	<0.1	10	<0.1	0.1	0.3	31	0.05	0.023
20110370	Soil	<0.005	0.5	14.5	7.6	18	0.3	3.9	1.9	52	0.76	7.7	5.7	0.2	7	<0.1	1.1	2.7	24	0.07	0.019
20110371	Soil	0.018	1.0	62.1	19.4	43	0.4	9.5	5.6	155	2.06	19.0	10.0	2.1	13	0.2	2.8	12.0	45	0.12	0.038
20110372	Soil	0.021	2.5	93.1	45.7	50	0.9	8.2	5.2	112	2.37	56.2	17.0	3.2	24	0.3	10.9	48.3	32	0.13	0.058
20110373	Soil	0.013	2.0	114.1	18.9	43	0.3	9.7	6.6	166	2.37	22.7	13.3	5.4	20	0.3	5.0	6.9	31	0.18	0.063
20110374	Soil	0.010	2.8	50.6	19.5	47	0.3	11.0	6.2	137	2.52	11.9	14.7	2.2	26	0.2	1.1	0.9	37	0.17	0.058
20110375	Soil	<0.005	2.4	51.4	11.4	37	0.1	9.7	5.5	136	2.15	11.5	9.7	1.9	18	0.2	1.0	0.6	40	0.14	0.044
20110376	Soil	0.111	0.6	18.1	67.7	102	2.8	6.4	5.3	217	2.19	63.0	197.8	2.5	16	0.8	1.5	8.3	32	0.17	0.037
20110377	Soil	0.080	0.5	16.2	56.4	95	2.4	7.1	4.6	193	2.03	53.4	271.3	3.5	16	0.8	1.2	7.2	32	0.17	0.038
20110378	Soil	<0.005	0.3	4.8	2.7	14	0.1	2.4	2.5	48	0.97	1.0	1.0	<0.1	8	<0.1	<0.1	0.2	38	0.04	0.018

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS WHI11000733.1

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
[redacted]																		
20110364	Soil	11	21	0.32	188	0.038	<1	1.35	0.065	0.13	1.4	0.02	1.6	0.2	0.27	6	0.6	<0.2
20110365	Soil	4	5	0.07	142	0.011	<1	0.44	0.017	0.08	<0.1	0.08	0.3	0.1	0.08	2	0.5	0.4
20110366	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.
20110367	Soil	5	11	0.12	108	0.035	2	0.65	0.014	0.08	0.1	0.06	0.7	0.1	<0.05	3	0.6	1.3
20110368	Soil	3	6	0.09	70	0.028	<1	0.34	0.016	0.06	<0.1	0.07	0.7	<0.1	<0.05	2	<0.5	0.3
20110369	Soil	<1	4	0.03	25	0.036	<1	0.27	0.024	0.03	<0.1	0.02	0.3	<0.1	<0.05	2	0.6	<0.2
20110370	Soil	4	10	0.12	48	0.028	<1	0.46	0.011	0.04	<0.1	0.03	0.6	<0.1	<0.05	3	<0.5	<0.2
20110371	Soil	8	18	0.28	128	0.042	<1	1.24	0.012	0.07	0.1	0.04	1.8	0.1	<0.05	4	<0.5	0.9
20110372	Soil	12	16	0.25	273	0.022	2	0.94	0.009	0.11	0.3	0.08	2.1	0.3	<0.05	3	<0.5	2.8
20110373	Soil	13	15	0.28	159	0.038	<1	0.89	0.009	0.08	0.2	0.03	2.2	0.2	<0.05	3	<0.5	0.6
20110374	Soil	9	18	0.33	206	0.038	<1	1.15	0.025	0.08	0.3	0.03	1.8	0.1	0.10	4	<0.5	<0.2
20110375	Soil	9	18	0.28	167	0.039	<1	0.98	0.016	0.06	0.2	0.03	1.7	<0.1	0.05	4	<0.5	<0.2
20110376	Soil	11	11	0.23	73	0.031	<1	0.67	0.009	0.08	0.1	0.02	1.5	<0.1	0.06	3	<0.5	<0.2
20110377	Soil	11	12	0.25	70	0.039	<1	0.66	0.009	0.07	0.1	0.02	1.6	<0.1	<0.05	2	<0.5	0.2
20110378	Soil	<1	5	0.04	13	0.040	<1	0.16	0.019	0.01	<0.1	0.02	0.2	<0.1	<0.05	1	<0.5	<0.2

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Client: **Coast Mountain Geological**
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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS WHI11000733.1

	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
20110379	Soil	0.040	1.4	36.2	32.8	35	0.6	7.1	4.1	111	2.35	22.0	50.9	2.5	28	<0.1	1.6	4.3	38	0.16	0.059
20110380	Soil	0.011	0.5	15.0	5.4	22	<0.1	5.4	2.8	87	1.35	8.6	12.5	2.2	12	<0.1	0.6	1.0	28	0.15	0.047
[redacted]																					
20110393	Soil	0.047	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110394	Soil	0.023	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110395	Soil	<0.005	3.1	28.7	15.5	30	0.4	8.4	5.7	350	3.42	12.2	34.8	3.4	20	0.1	0.6	2.3	67	0.08	0.061
20110396	Soil	0.006	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110397	Soil	0.010	1.5	29.4	17.2	30	0.2	8.7	4.2	126	2.62	24.3	68.2	1.1	40	0.1	3.5	6.4	45	0.09	0.069
20110398	Soil	0.009	1.2	18.8	15.2	33	0.1	9.9	4.8	155	2.77	20.5	8.1	1.4	24	0.1	2.1	3.7	58	0.11	0.063
20110399	Soil	<0.005	1.3	24.8	14.7	25	0.4	5.9	2.6	92	1.68	12.8	9.1	0.3	13	<0.1	1.7	5.2	55	0.10	0.038
20110400	Soil	<0.005	0.7	53.2	5.2	17	0.3	4.5	2.1	50	0.95	5.8	7.5	<0.1	11	0.2	0.7	4.2	27	0.08	0.025
20110401	Soil	0.007	1.1	45.3	12.0	40	0.3	10.7	4.8	139	1.96	29.0	4.7	0.3	18	0.2	1.7	6.3	44	0.16	0.042
20110402	Soil	0.087	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110403	Soil	0.148	1.8	69.5	23.7	64	0.5	10.1	5.8	166	2.87	75.0	93.8	5.8	38	0.3	12.2	50.4	34	0.19	0.067
20110404	Soil	0.028	1.1	69.4	33.2	51	0.6	9.8	5.3	173	2.23	66.9	51.9	1.9	24	0.2	6.9	24.7	37	0.17	0.061
20110405	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110406	Soil	0.026	1.7	23.2	19.6	45	0.3	10.4	5.4	199	2.58	37.5	25.9	5.5	25	0.1	2.5	14.5	44	0.18	0.062
20110407	Soil	0.034	3.7	93.0	28.0	47	0.7	10.7	8.3	179	3.14	45.7	36.3	3.9	30	0.2	8.7	14.9	34	0.16	0.082
20110408	Soil	0.028	1.2	28.1	13.7	32	0.2	10.7	5.1	139	2.31	14.3	12.3	1.9	21	0.1	1.0	9.0	43	0.17	0.047

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Client: **Coast Mountain Geological**
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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS WHI11000733.1

	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
20110379	Soil	11	15	0.26	140	0.032	<1	0.83	0.034	0.10	1.5	0.03	1.3	0.1	0.16	3	<0.5	0.3
20110380	Soil	8	10	0.20	62	0.034	<1	0.54	0.010	0.04	0.2	0.02	1.1	<0.1	<0.05	2	<0.5	<0.2
[redacted]																		
20110393	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.
20110394	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.
20110395	Soil	9	22	0.27	162	0.070	<1	1.28	0.031	0.13	0.2	0.03	1.8	0.1	0.21	7	0.8	<0.2
20110396	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.
20110397	Soil	6	19	0.25	137	0.043	<1	1.16	0.024	0.08	0.1	0.02	1.3	0.1	0.12	4	<0.5	0.4
20110398	Soil	6	23	0.32	105	0.068	1	1.09	0.016	0.07	0.2	0.02	1.5	<0.1	0.05	6	<0.5	<0.2
20110399	Soil	8	15	0.18	63	0.058	<1	0.76	0.010	0.05	0.1	0.01	0.8	<0.1	<0.05	6	<0.5	0.2
20110400	Soil	4	9	0.09	53	0.024	<1	0.43	0.017	0.03	<0.1	0.02	0.3	<0.1	<0.05	3	<0.5	0.5
20110401	Soil	8	17	0.26	172	0.045	<1	1.01	0.022	0.07	0.2	0.02	0.9	0.2	<0.05	4	<0.5	0.4
20110402	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.
20110403	Soil	13	16	0.30	122	0.056	<1	0.72	0.012	0.09	0.1	0.04	1.9	0.2	0.06	2	<0.5	1.1
20110404	Soil	10	16	0.26	92	0.063	<1	0.81	0.018	0.07	0.2	0.04	1.6	0.2	<0.05	3	<0.5	0.9
20110405	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.
20110406	Soil	13	20	0.33	132	0.050	<1	0.91	0.013	0.09	0.3	<0.01	1.9	0.1	0.06	3	<0.5	0.8
20110407	Soil	14	18	0.28	344	0.030	<1	1.02	0.015	0.10	0.1	0.06	2.4	0.2	0.12	3	0.5	1.7
20110408	Soil	10	24	0.32	140	0.045	<1	1.51	0.011	0.07	0.2	0.03	2.0	0.2	<0.05	5	<0.5	0.3

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Project: Charlotte Project
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS WHI11000733.1

	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
20110409	Soil	0.012	4.6	70.4	34.8	54	0.5	8.9	4.8	114	2.15	12.7	30.1	0.9	18	0.3	1.8	1.6	39	0.14	0.060
20110410	Soil	<0.005	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110411	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
[redacted]																					
20110417	Soil	0.016	0.9	26.1	13.9	102	0.7	9.4	4.6	173	2.03	12.7	19.3	2.2	17	1.3	0.5	1.3	52	0.18	0.030
20110418	Soil	0.183	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110419	Soil	0.212	2.0	90.9	59.2	105	3.5	11.5	6.9	280	3.09	61.0	195.4	3.6	29	0.4	3.3	19.7	56	0.23	0.068
20110420	Soil	0.006	0.2	7.5	6.1	13	0.5	1.8	2.7	58	0.93	2.5	7.7	0.2	8	<0.1	0.1	0.5	32	0.04	0.010
20110421	Soil	I.S.	1.4	44.0	80.5	59	9.0	9.5	4.1	108	3.64	31.6	128.2	6.6	43	0.2	1.3	9.6	51	0.25	0.066
20110422	Soil	0.117	2.1	36.0	47.7	72	0.3	5.5	3.3	147	3.84	29.7	73.6	11.1	43	0.1	1.7	11.8	60	0.19	0.059
[redacted]																					
20110424	Soil	0.036	2.2	71.4	42.6	68	0.6	11.7	8.4	253	4.28	36.8	39.6	9.2	29	0.3	8.0	14.3	48	0.17	0.064
20110425	Soil	0.012	1.5	32.9	19.4	31	0.4	6.4	3.3	108	2.55	14.5	11.7	4.5	25	0.1	1.4	7.6	42	0.09	0.034
20110426	Soil	0.031	2.2	43.1	30.0	32	0.4	7.9	3.8	85	3.28	15.1	21.1	2.7	26	0.1	1.9	4.5	49	0.08	0.068
20110427	Soil	0.053	2.1	58.0	20.3	38	0.2	5.1	3.2	72	2.92	12.5	49.6	4.1	15	0.1	1.6	6.8	35	0.07	0.058
20110428	Soil	0.037	4.0	94.6	27.1	43	0.6	6.6	4.0	64	5.46	48.0	29.1	5.1	54	<0.1	22.0	20.6	30	0.06	0.123
20110429	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110430	Soil	0.256	4.5	74.6	71.5	49	0.7	7.0	4.2	156	3.76	35.1	49.9	6.6	45	0.2	11.5	13.3	21	0.12	0.080
20110431	Soil	0.096	4.3	323.0	58.9	65	1.1	5.5	4.7	175	3.45	61.1	52.7	5.8	34	0.2	11.9	61.8	18	0.11	0.078
20110432	Soil	0.038	1.4	21.6	17.7	40	0.3	11.8	6.2	265	2.61	12.3	15.1	3.5	17	0.1	1.3	3.0	46	0.15	0.060
20110433	Soil	0.061	1.7	391.4	20.6	37	0.6	8.2	4.3	133	2.70	35.7	45.7	4.1	16	0.3	4.4	55.2	28	0.13	0.058
20110434	Soil	0.025	1.8	138.4	33.6	62	0.5	13.6	7.7	277	3.15	36.0	23.0	4.3	27	0.2	8.4	53.1	43	0.19	0.055
20110435	Soil	0.023	2.0	217.1	62.6	79	0.7	10.1	6.5	205	3.23	57.5	28.9	8.5	32	0.2	6.3	74.1	30	0.20	0.081
20110436	Soil	0.013	1.3	41.3	15.5	45	0.3	12.3	6.1	185	2.22	25.6	48.0	3.6	17	0.1	2.1	11.3	37	0.20	0.053
20110437	Soil	0.046	1.3	20.2	13.4	26	0.3	5.2	2.7	107	2.21	23.6	6.7	1.9	9	<0.1	1.1	7.9	72	0.07	0.031
20110438	Soil	0.059	2.3	117.5	55.5	93	0.6	9.2	18.8	876	3.04	198.9	85.0	3.4	13	0.4	10.1	44.9	33	0.14	0.063
[redacted]																					
20110440	Soil	0.162	4.2	67.9	33.0	49	2.1	13.7	7.7	237	3.35	57.3	71.4	3.5	34	0.2	5.4	23.5	43	0.14	0.101

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Project: Charlotte Project
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	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
20110409	Soil	8	15	0.26	113	0.036	<1	1.05	0.019	0.06	0.1	0.03	1.3	0.1	<0.05	3	<0.5	0.2
20110410	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.
20110411	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.
20110417	Soil	12	19	0.37	89	0.069	<1	1.21	0.016	0.06	0.2	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
20110418	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.
20110419	Soil	12	23	0.49	184	0.030	<1	2.56	0.015	0.10	0.2	0.12	3.3	0.6	<0.05	6	<0.5	0.7
20110420	Soil	1	3	0.05	20	0.047	<1	0.24	0.028	0.02	<0.1	<0.01	0.4	<0.1	<0.05	2	<0.5	<0.2
20110421	Soil	19	19	0.41	223	0.028	<1	2.34	0.014	0.11	0.1	0.20	4.0	0.3	<0.05	6	0.5	0.3
20110422	Soil	23	12	0.48	166	0.025	<1	1.36	0.031	0.10	0.2	<0.01	2.4	0.2	0.14	7	<0.5	<0.2
20110424	Soil	16	22	0.37	169	0.033	<1	1.75	0.011	0.11	0.2	0.04	2.9	0.2	<0.05	5	0.6	0.6
20110425	Soil	11	17	0.31	130	0.034	<1	0.94	0.020	0.10	0.2	<0.01	1.6	0.2	<0.05	5	<0.5	0.2
20110426	Soil	13	14	0.18	151	0.034	<1	0.79	0.021	0.12	0.1	0.02	1.2	0.2	0.08	4	0.6	0.3
20110427	Soil	18	9	0.19	92	0.025	<1	0.75	0.013	0.07	0.1	0.01	1.1	0.2	<0.05	3	0.8	0.8
20110428	Soil	22	10	0.08	362	0.008	<1	0.66	0.015	0.28	0.1	0.04	1.8	0.3	0.55	3	0.7	0.7
20110429	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.
20110430	Soil	13	11	0.19	369	0.017	<1	0.81	0.018	0.37	0.1	0.03	1.3	0.4	0.68	3	1.5	0.8
20110431	Soil	18	9	0.15	333	0.007	<1	0.85	0.007	0.12	0.1	0.05	1.2	0.2	0.14	2	0.5	5.8
20110432	Soil	10	22	0.30	87	0.066	<1	1.17	0.010	0.08	0.2	0.02	1.7	<0.1	<0.05	4	0.8	0.2
20110433	Soil	14	11	0.15	144	0.019	<1	0.75	0.013	0.05	<0.1	0.04	1.5	<0.1	<0.05	2	<0.5	4.4
20110434	Soil	11	21	0.36	109	0.057	2	1.20	0.009	0.09	0.1	0.03	2.1	0.1	<0.05	4	<0.5	2.2
20110435	Soil	14	14	0.22	103	0.038	<1	0.59	0.008	0.07	0.1	0.02	1.8	0.2	<0.05	2	0.7	3.1
20110436	Soil	10	21	0.34	91	0.059	<1	1.04	0.011	0.07	0.1	0.02	2.0	0.1	<0.05	3	<0.5	0.5
20110437	Soil	6	14	0.12	32	0.109	<1	0.69	0.006	0.05	0.2	0.01	1.1	<0.1	<0.05	8	<0.5	0.3
20110438	Soil	16	15	0.18	371	0.037	<1	0.63	0.007	0.07	0.2	<0.01	1.4	0.4	<0.05	3	0.6	1.3
20110440	Soil	20	25	0.29	339	0.006	<1	1.81	0.007	0.11	0.1	0.21	2.5	0.5	<0.05	5	0.5	1.4

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	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
20110441	Soil	0.038	2.1	65.9	16.8	47	0.9	12.0	6.8	199	2.62	52.3	33.2	3.4	19	0.1	6.3	13.6	35	0.18	0.057
20110442	Soil	0.044	3.8	397.9	101.9	79	2.1	9.7	16.2	876	3.96	142.6	42.9	2.9	25	0.3	54.8	57.3	37	0.13	0.092
20110443	Soil	0.018	2.3	31.2	19.8	33	0.3	8.9	5.5	222	2.20	18.5	192.9	1.8	21	0.2	2.1	2.3	40	0.15	0.057
20110444	Soil	<0.005	0.7	7.6	4.9	24	<0.1	6.2	3.1	96	1.39	6.1	1.4	3.0	12	<0.1	0.7	<0.1	35	0.20	0.055
20110445	Soil	0.029	1.0	19.6	17.9	29	0.5	7.3	3.3	100	1.42	12.2	22.1	0.8	23	<0.1	0.9	0.9	36	0.20	0.057
20110446	Soil	0.008	23.4	41.2	62.8	35	1.3	7.3	2.9	80	2.47	31.2	14.4	3.2	32	<0.1	12.1	5.1	39	0.15	0.054
20110447	Soil	0.007	13.4	62.7	15.7	16	1.1	5.5	2.7	29	2.31	11.1	12.0	0.3	32	<0.1	4.7	0.9	17	0.18	0.106
20110448	Soil	<0.005	6.7	31.6	4.3	7	0.8	3.0	1.1	23	1.44	5.4	8.8	0.3	17	<0.1	2.0	0.3	14	0.10	0.060
[redacted]																					
20110453	Soil	<0.005	1.1	16.5	15.5	36	0.5	9.7	3.6	114	2.13	8.2	27.0	2.8	26	0.1	0.8	1.6	55	0.19	0.025
20110454	Soil	0.031	3.5	37.2	30.7	37	1.2	6.6	3.4	68	3.45	26.4	47.8	0.9	106	0.2	4.9	14.3	22	0.13	0.126
20110455	Soil	0.023	2.4	24.3	18.5	27	0.4	10.7	3.1	98	4.62	22.1	16.3	6.0	76	0.1	2.4	4.2	48	0.09	0.078
20110456	Soil	0.038	4.2	107.4	63.4	62	0.6	11.9	4.0	103	3.88	42.6	40.4	1.8	54	0.2	12.1	15.1	36	0.08	0.090
20110458	Soil	0.059	3.3	157.5	29.9	77	0.7	11.9	9.0	329	3.19	73.0	46.7	5.8	51	0.3	21.8	30.4	28	0.17	0.075
20110459	Soil	0.154	6.5	794.2	46.2	109	1.4	9.8	13.2	528	5.77	114.1	216.2	14.6	27	0.5	16.8	138.4	18	0.09	0.120
20110460	Soil	0.056	2.0	127.8	30.8	142	0.4	12.9	9.9	454	3.80	104.5	47.1	1.5	30	0.6	3.5	22.6	46	0.14	0.068
20110461	Soil	0.049	1.8	115.3	28.9	129	0.4	11.5	8.0	335	3.19	99.3	70.9	1.5	26	0.5	3.1	21.4	44	0.13	0.062
20110462	Soil	0.117	3.3	522.2	23.0	91	1.3	9.9	6.1	205	6.63	103.5	105.0	13.4	39	0.4	14.6	266.1	22	0.09	0.096
20110464	Soil	0.219	3.8	186.8	295.8	85	4.5	6.3	4.9	183	3.93	263.6	243.9	6.1	17	0.3	22.8	181.3	28	0.05	0.065
20110465	Soil	0.018	0.9	58.8	16.0	28	0.9	4.0	3.2	138	1.21	55.2	19.2	0.5	12	0.3	2.0	11.4	19	0.06	0.042
20110466	Soil	0.072	1.6	98.4	45.4	112	0.9	10.7	7.1	224	2.77	101.4	33.2	6.0	12	0.6	5.2	14.6	32	0.13	0.068
20110467	Soil	0.078	1.7	64.1	60.1	98	2.1	9.7	6.4	308	2.33	155.4	38.3	2.2	13	0.5	7.4	27.2	33	0.15	0.054
20110468	Soil	0.082	6.7	360.9	63.0	148	1.0	12.3	38.6	2129	5.31	173.7	113.2	3.4	31	0.4	68.5	59.7	31	0.08	0.127
20110469	Soil	0.026	1.2	130.6	25.3	46	2.4	5.9	4.7	142	2.24	29.0	25.2	0.8	16	0.2	7.7	13.7	56	0.18	0.089
20110470	Soil	0.013	4.4	44.6	9.8	28	0.4	7.4	3.8	125	2.73	23.2	9.0	0.9	27	0.2	3.4	2.1	38	0.22	0.058
20110471	Soil	<0.005	2.2	24.4	1.1	6	0.5	2.2	1.2	22	1.47	4.9	6.6	<0.1	14	<0.1	1.3	0.7	13	0.07	0.053
20110472	Soil	0.014	7.0	31.2	26.6	30	1.1	7.7	3.2	87	1.83	15.5	11.3	1.6	22	0.1	4.5	5.7	30	0.16	0.052

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	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
20110441	Soil	17	20	0.28	136	0.019	<1	1.14	0.008	0.08	0.2	0.09	1.9	0.3	<0.05	3	<0.5	0.7
20110442	Soil	16	19	0.18	85	0.024	<1	0.88	0.009	0.09	0.2	0.12	1.5	0.3	<0.05	4	1.6	3.2
20110443	Soil	10	18	0.21	110	0.041	1	0.69	0.012	0.09	0.3	0.04	1.3	0.1	0.11	4	0.5	0.3
20110444	Soil	10	13	0.20	56	0.039	<1	0.54	0.010	0.05	0.2	<0.01	1.0	<0.1	<0.05	2	<0.5	<0.2
20110445	Soil	10	21	0.31	91	0.036	<1	1.22	0.009	0.06	0.2	0.06	1.4	0.1	0.05	4	0.7	<0.2
20110446	Soil	16	20	0.31	224	0.048	<1	1.31	0.008	0.08	0.8	0.06	1.8	0.2	<0.05	5	0.8	0.3
20110447	Soil	10	11	0.09	245	0.015	<1	0.71	0.014	0.04	0.4	0.10	1.1	0.1	0.10	2	1.7	<0.2
20110448	Soil	4	7	0.04	125	0.011	<1	0.35	0.026	0.03	0.2	0.04	0.9	<0.1	<0.05	<1	1.1	<0.2
20110453	Soil	10	20	0.27	146	0.065	<1	1.26	0.011	0.06	<0.1	0.02	1.9	0.2	<0.05	7	<0.5	<0.2
20110454	Soil	23	11	0.15	420	0.004	<1	1.21	0.023	0.20	0.1	0.11	0.9	0.3	0.28	3	1.2	0.4
20110455	Soil	23	23	0.19	190	0.064	<1	1.09	0.015	0.14	0.2	0.02	1.8	0.2	0.07	5	1.0	0.2
20110456	Soil	10	22	0.19	282	0.010	3	0.80	0.020	0.19	0.1	0.04	1.0	0.2	0.36	4	1.2	0.8
20110458	Soil	13	16	0.26	211	0.030	4	0.93	0.010	0.20	0.2	0.04	1.5	0.2	0.33	3	0.8	2.2
20110459	Soil	14	9	0.08	132	0.004	2	0.51	0.004	0.06	<0.1	0.07	1.8	0.1	0.10	1	1.4	11.1
20110460	Soil	10	22	0.26	99	0.029	2	1.13	0.008	0.06	0.1	0.03	1.5	0.2	0.06	4	0.6	1.8
20110461	Soil	10	18	0.23	95	0.029	2	1.05	0.008	0.05	0.1	0.03	1.3	0.1	0.05	4	0.6	1.7
20110462	Soil	13	12	0.12	134	0.008	3	0.60	0.008	0.12	<0.1	0.06	1.9	0.5	0.19	2	1.5	3.8
20110464	Soil	14	9	0.04	79	0.018	4	0.41	0.009	0.07	0.1	0.03	0.8	0.2	0.10	2	<0.5	7.9
20110465	Soil	4	6	0.05	85	0.019	2	0.46	0.023	0.04	<0.1	0.04	0.7	0.1	<0.05	2	<0.5	0.8
20110466	Soil	17	17	0.30	84	0.028	<1	0.85	0.006	0.05	0.2	0.05	2.0	0.2	<0.05	3	<0.5	0.6
20110467	Soil	10	18	0.29	105	0.016	2	0.86	0.007	0.06	0.2	0.07	1.2	0.2	<0.05	3	<0.5	0.9
20110468	Soil	24	15	0.10	153	0.008	1	0.73	0.006	0.08	0.2	0.09	1.5	0.2	0.10	3	1.1	6.8
20110469	Soil	6	10	0.09	73	0.050	2	0.45	0.015	0.03	<0.1	0.12	0.7	0.1	<0.05	3	0.6	0.8
20110470	Soil	9	14	0.26	229	0.026	1	0.95	0.011	0.04	0.3	0.07	1.4	0.1	0.07	3	0.8	0.2
20110471	Soil	3	4	0.03	82	0.011	<1	0.30	0.022	0.02	0.3	0.04	0.4	<0.1	0.06	<1	<0.5	<0.2
20110472	Soil	10	18	0.29	126	0.041	1	0.95	0.010	0.06	2.2	0.06	1.6	0.1	0.06	3	<0.5	0.4

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	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
20110473	Soil	<0.005	0.4	8.3	0.4	5	0.1	1.1	0.8	17	0.32	0.5	4.5	<0.1	8	<0.1	0.3	0.2	8	0.05	0.026
20110474	Soil	0.016	17.2	47.7	28.3	33	1.2	6.7	3.4	127	1.68	17.8	16.9	1.0	33	0.1	6.4	6.7	24	0.10	0.045
[redacted]																					
20110481	Soil	0.026	2.2	28.1	44.7	58	0.5	7.0	4.0	119	2.63	16.1	19.2	5.4	41	0.1	3.4	3.0	29	0.18	0.082
20110482	Soil	0.025	2.9	31.6	35.5	67	0.6	5.9	4.1	119	3.05	16.8	18.4	5.7	46	0.1	4.3	3.4	24	0.13	0.070
20110483	Soil	0.033	1.3	114.9	13.7	29	1.1	7.3	3.1	71	1.79	13.5	35.1	2.4	22	<0.1	1.2	21.6	22	0.11	0.057
20110484	Soil	0.015	3.1	128.0	41.7	59	1.4	8.3	14.8	919	4.00	40.1	10.2	2.1	17	0.4	3.4	20.6	43	0.18	0.078
20110485	Soil	0.038	3.5	131.2	53.1	89	1.4	7.3	13.1	501	3.81	50.5	12.8	3.0	28	0.2	4.3	14.3	23	0.11	0.084
20110486	Soil	0.051	1.7	30.6	20.6	39	0.3	7.4	4.2	116	2.44	22.6	21.1	2.3	30	0.2	1.9	5.1	39	0.15	0.069
20110487	Soil	0.044	1.4	30.9	12.5	33	0.4	6.6	3.3	83	2.41	19.8	18.5	2.3	21	<0.1	2.2	5.5	29	0.13	0.066
20110488	Soil	0.028	2.7	26.7	26.1	37	0.3	5.9	3.6	96	3.00	17.3	35.1	3.2	33	0.1	2.4	6.4	26	0.09	0.066
20110489	Soil	0.040	3.7	41.3	35.6	36	0.5	5.3	3.0	89	3.04	24.6	47.5	3.6	56	<0.1	4.0	19.8	22	0.12	0.065
20110490	Soil	0.079	2.3	34.3	40.6	48	0.9	13.0	5.9	164	3.14	24.6	72.0	4.9	57	0.1	3.9	29.5	41	0.13	0.069
20110491	Soil	0.045	2.8	18.5	16.0	34	0.2	9.8	4.6	189	3.04	21.5	27.6	4.6	37	0.2	3.0	7.3	33	0.09	0.068
20110492	Soil	0.038	1.3	23.9	11.9	31	0.1	5.3	3.3	117	1.94	13.3	17.4	2.5	27	<0.1	3.1	3.5	22	0.13	0.049
20110493	Soil	0.089	2.0	69.8	21.0	39	0.5	8.8	4.2	143	2.78	43.0	77.2	4.7	33	0.2	10.8	24.1	35	0.11	0.046
20110494	Soil	0.534	3.6	166.5	20.6	36	0.9	7.0	4.0	69	3.26	42.4	82.3	4.9	46	0.1	11.6	7.7	17	0.08	0.080
20110495	Soil	0.029	1.6	34.5	27.0	34	0.4	5.1	3.3	56	2.88	11.7	33.4	0.6	99	0.1	2.9	2.4	25	0.08	0.079
20110496	Soil	0.059	2.2	27.9	28.8	28	0.6	6.8	2.7	50	2.70	18.3	52.1	4.9	130	0.1	3.4	8.8	20	0.11	0.102
[redacted]																					
20110498	Soil	0.015	1.5	80.7	34.8	41	0.7	7.1	4.0	72	0.97	13.0	24.1	1.2	21	0.3	2.3	9.3	24	0.16	0.055
20110499	Soil	0.021	4.7	94.4	21.1	33	0.5	6.3	3.8	66	1.35	16.5	22.8	2.0	20	0.3	2.9	6.0	28	0.15	0.060
20110500	Soil	0.034	6.0	66.2	108.8	114	2.1	3.3	5.2	219	5.85	89.0	45.0	10.8	120	<0.1	23.7	13.3	15	0.03	0.158
20110501	Soil	0.050	1.1	69.9	5.7	18	5.9	3.9	1.8	39	0.96	5.1	30.4	0.2	15	0.1	1.4	4.9	14	0.12	0.100
20110502	Soil	0.070	3.6	216.0	32.8	53	0.7	8.6	21.3	614	3.82	84.5	86.6	3.4	21	0.2	9.6	15.1	29	0.13	0.079
20110503	Soil	0.059	2.7	160.2	49.5	47	1.7	6.8	4.9	220	2.70	59.6	34.0	4.0	21	0.1	13.7	38.5	30	0.17	0.080

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	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
20110473	Soil	1	<1	0.03	24	0.014	<1	0.12	0.024	0.02	<0.1	0.02	0.3	<0.1	<0.05	<1	<0.5	<0.2
20110474	Soil	10	15	0.21	181	0.033	2	0.66	0.022	0.10	4.9	0.04	1.3	0.2	0.16	3	0.9	0.5
[redacted]																		
20110481	Soil	14	14	0.26	341	0.023	1	0.92	0.010	0.13	0.2	0.07	1.6	0.2	0.15	3	0.7	0.3
20110482	Soil	16	11	0.19	318	0.016	2	0.76	0.011	0.17	0.2	0.05	1.2	0.3	0.32	3	<0.5	0.3
20110483	Soil	8	14	0.21	121	0.026	<1	0.77	0.017	0.05	0.1	0.06	1.2	0.1	<0.05	3	0.7	0.9
20110484	Soil	11	17	0.28	97	0.022	1	0.94	0.007	0.05	0.1	0.05	1.4	0.1	<0.05	4	0.5	0.8
20110485	Soil	9	11	0.17	90	0.015	1	0.62	0.021	0.08	<0.1	0.02	0.9	0.1	0.18	3	1.6	1.0
20110486	Soil	12	16	0.28	117	0.025	<1	0.94	0.008	0.06	0.2	0.03	1.5	0.2	<0.05	4	0.6	0.3
20110487	Soil	10	14	0.24	112	0.019	<1	0.85	0.008	0.05	0.2	0.05	1.2	0.1	<0.05	3	0.6	0.3
20110488	Soil	13	12	0.19	175	0.011	1	0.84	0.012	0.07	0.1	0.05	1.2	0.2	<0.05	3	0.9	0.4
20110489	Soil	13	11	0.16	204	0.010	2	0.62	0.008	0.13	0.1	0.04	1.0	0.3	0.21	3	0.8	2.3
20110490	Soil	13	24	0.36	236	0.032	2	1.60	0.012	0.15	0.3	0.09	2.7	0.3	0.17	5	<0.5	1.3
20110491	Soil	13	18	0.23	210	0.039	4	0.79	0.014	0.20	0.2	0.03	1.3	0.3	0.33	4	0.5	0.4
20110492	Soil	9	9	0.15	129	0.022	1	0.50	0.014	0.11	<0.1	0.02	1.0	0.1	0.21	2	0.7	0.3
20110493	Soil	10	17	0.23	122	0.027	2	0.68	0.011	0.13	0.2	0.02	1.3	0.2	0.22	3	<0.5	0.7
20110494	Soil	15	9	0.12	366	0.005	<1	0.75	0.026	0.16	0.1	0.11	0.8	0.1	0.42	2	3.1	1.0
20110495	Soil	18	7	0.07	290	0.006	<1	0.63	0.021	0.12	<0.1	0.03	0.3	0.1	0.28	2	1.1	0.2
20110496	Soil	37	9	0.13	328	0.008	<1	1.02	0.013	0.09	0.1	0.07	1.3	0.2	0.14	2	1.2	0.6
[redacted]																		
20110498	Soil	12	15	0.23	261	0.017	<1	1.01	0.008	0.04	0.2	0.10	1.1	0.2	0.08	3	0.5	<0.2
20110499	Soil	12	13	0.20	203	0.026	<1	0.84	0.010	0.04	0.3	0.07	1.4	0.1	0.06	3	0.7	0.2
20110500	Soil	21	6	0.05	124	0.003	1	0.45	0.017	0.60	0.3	0.10	1.1	0.6	1.29	2	2.7	1.6
20110501	Soil	9	13	0.11	150	0.009	<1	0.59	0.010	0.04	<0.1	0.17	0.5	0.2	0.18	2	1.1	<0.2
20110502	Soil	16	15	0.21	71	0.013	<1	0.88	0.006	0.06	0.1	0.07	1.1	0.2	<0.05	3	1.5	1.2
20110503	Soil	15	13	0.20	191	0.014	<1	0.80	0.006	0.05	0.2	0.12	1.2	0.2	<0.05	3	<0.5	1.3

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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
20110504	Soil	0.071	2.2	173.9	18.8	52	0.8	9.6	8.8	264	3.10	57.3	71.5	4.5	25	0.2	10.3	39.0	29	0.16	0.079
20110505	Soil	0.082	2.9	284.2	29.1	54	1.8	8.7	6.0	136	4.11	82.2	87.1	3.8	68	0.2	20.3	66.0	29	0.12	0.103
20110506	Soil	0.163	3.4	851.8	35.3	79	2.0	9.9	8.8	222	5.17	114.9	159.3	12.8	35	0.3	42.5	90.6	20	0.12	0.158
20110507	Soil	0.405	1.5	317.7	19.2	60	0.9	14.8	10.5	477	2.50	53.3	295.4	4.8	14	0.3	17.9	67.2	31	0.16	0.060
20110508	Soil	2.592	2.0	178.9	185.6	135	1.9	8.8	7.4	981	2.31	86.2	2308	7.9	18	0.8	4.2	39.7	24	0.14	0.052
20110509	Soil	0.027	0.9	53.5	10.0	45	0.2	14.9	7.5	247	2.46	16.3	11.9	5.3	29	0.2	1.6	8.6	43	0.16	0.053
20110510	Soil	0.194	3.6	145.5	38.5	135	0.6	6.4	7.5	246	4.39	55.6	72.4	12.0	78	0.2	7.3	21.2	18	0.07	0.088
20110511	Soil	0.034	3.0	123.1	163.5	78	1.0	3.1	3.4	88	5.23	73.9	35.7	5.5	62	0.1	20.6	8.0	24	0.05	0.142
20110512	Soil	0.024	17.2	117.0	16.9	70	0.7	10.5	21.1	107	1.89	17.2	21.9	4.3	33	0.2	3.4	5.4	38	0.22	0.061
20110513	Soil	0.005	9.9	327.5	56.1	108	0.6	8.4	26.3	854	5.85	30.9	8.1	9.6	72	0.4	3.5	2.8	28	0.14	0.104
20110514	Soil	0.018	5.7	98.4	15.6	33	0.4	6.6	4.8	68	1.27	14.4	38.3	2.3	23	0.3	2.3	4.5	27	0.17	0.057
20110515	Soil	0.018	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110516	Soil	0.032	1.5	185.1	84.0	53	1.2	7.7	4.9	176	2.16	23.8	19.2	3.5	20	0.2	5.8	16.7	28	0.14	0.065
20110517	Soil	0.073	2.2	299.0	26.4	72	0.9	9.9	6.8	277	3.36	60.3	102.9	5.4	14	0.2	8.2	34.0	31	0.14	0.080
20110518	Soil	0.067	2.5	389.4	53.6	96	1.1	11.0	12.1	489	3.53	77.5	61.4	6.9	16	0.3	10.4	47.0	32	0.16	0.083
20110519	Soil	0.094	2.0	286.3	45.3	99	1.2	11.6	7.8	290	3.29	58.1	349.3	4.7	17	0.5	10.6	37.7	32	0.16	0.080
20110520	Soil	0.192	1.8	492.9	120.5	76	3.1	10.9	6.2	403	2.88	102.4	402.8	2.7	19	0.8	5.4	76.6	32	0.16	0.082
20110521	Soil	0.030	1.4	76.4	17.8	52	0.7	13.0	6.1	203	2.62	24.2	31.3	3.4	21	0.2	3.3	21.7	43	0.17	0.045
20110524	Soil	0.069	2.6	236.6	29.4	86	1.0	8.4	4.3	127	3.44	43.3	70.0	4.6	27	0.2	8.2	86.0	29	0.10	0.069
20110525	Soil	0.021	1.3	242.5	17.2	56	0.6	19.3	9.0	220	2.85	25.6	23.1	4.0	16	0.4	4.4	35.4	52	0.14	0.035
20110526	Soil	0.009	3.5	60.7	17.4	29	0.4	6.5	4.6	69	1.25	7.4	12.0	1.9	24	0.1	2.0	4.2	35	0.16	0.055
20110527	Soil	0.014	5.1	67.9	18.2	33	0.5	5.3	3.7	76	1.25	15.5	32.9	1.7	25	0.2	2.4	4.3	28	0.19	0.062
20110528	Soil	0.317	7.8	102.6	15.9	37	0.5	7.2	4.1	83	1.51	16.6	21.1	3.8	30	0.2	2.7	5.3	32	0.19	0.063
20110529	Soil	0.046	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110530	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
20110531	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110532	Soil	0.016	1.3	46.2	22.7	42	0.8	7.2	7.4	369	2.16	17.8	11.3	2.3	14	0.3	1.2	4.9	35	0.16	0.063
20110533	Soil	0.047	2.8	167.4	48.8	118	1.1	6.1	8.0	494	2.50	119.3	42.1	1.2	19	0.3	6.5	37.4	20	0.16	0.066
20110534	Soil	0.048	2.1	143.9	29.7	69	1.0	6.6	6.6	328	2.59	149.4	38.9	2.1	12	0.5	4.0	31.9	35	0.10	0.061
20110535	Soil	0.015	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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Project: Charlotte Project
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS WHI11000733.1

		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
20110504	Soil		14	16	0.25	183	0.021	<1	0.95	0.007	0.08	0.1	0.06	1.4	0.1	0.09	3	0.6	1.3
20110505	Soil		15	14	0.18	283	0.016	1	1.03	0.013	0.17	0.1	0.11	1.5	0.3	0.29	3	1.5	2.7
20110506	Soil		21	11	0.14	202	0.011	<1	0.90	0.006	0.10	<0.1	0.13	2.1	0.2	0.14	2	2.1	4.5
20110507	Soil		16	16	0.26	106	0.030	<1	0.92	0.007	0.06	<0.1	0.04	1.5	0.1	<0.05	2	<0.5	2.2
20110508	Soil		14	11	0.19	253	0.019	<1	0.63	0.008	0.06	<0.1	0.02	1.8	<0.1	<0.05	2	0.8	4.6
20110509	Soil		11	23	0.39	142	0.052	<1	1.44	0.013	0.10	0.2	0.02	2.1	0.1	0.10	4	<0.5	0.4
20110510	Soil		20	6	0.11	273	0.006	<1	0.59	0.022	0.24	<0.1	0.03	1.0	0.3	0.58	1	0.8	1.8
20110511	Soil		18	6	0.16	398	0.007	<1	0.61	0.052	0.37	<0.1	0.05	1.4	0.4	0.89	3	2.6	0.5
20110512	Soil		13	16	0.31	203	0.044	<1	1.05	0.012	0.08	0.5	0.05	2.4	0.2	0.14	4	0.8	0.2
20110513	Soil		19	12	0.28	269	0.028	<1	0.85	0.072	0.38	0.2	0.02	2.8	0.3	0.68	3	1.7	<0.2
20110514	Soil		12	12	0.20	202	0.029	<1	0.80	0.011	0.04	0.4	0.04	1.5	0.1	0.17	3	0.6	<0.2
20110515	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.
20110516	Soil		15	15	0.23	114	0.024	<1	0.99	0.008	0.06	0.2	0.08	1.4	0.1	<0.05	3	<0.5	0.5
20110517	Soil		13	16	0.27	76	0.025	<1	1.00	0.008	0.06	0.1	0.06	1.4	0.1	<0.05	3	1.1	0.9
20110518	Soil		14	15	0.26	81	0.023	<1	0.92	0.006	0.05	<0.1	0.04	1.7	0.2	<0.05	3	1.0	1.3
20110519	Soil		14	16	0.29	75	0.031	<1	0.89	0.009	0.06	0.1	0.03	1.8	0.1	0.05	3	0.6	1.3
20110520	Soil		15	18	0.24	93	0.030	<1	0.80	0.009	0.08	0.2	0.02	1.2	0.1	0.06	3	1.0	2.7
20110521	Soil		10	22	0.36	169	0.049	<1	1.40	0.012	0.08	0.2	0.03	1.9	0.1	<0.05	4	<0.5	1.0
20110524	Soil		12	13	0.18	117	0.023	1	0.76	0.012	0.11	0.1	0.04	1.3	0.2	0.19	3	0.8	4.4
20110525	Soil		8	27	0.36	121	0.060	<1	1.53	0.009	0.06	0.1	0.03	1.9	0.1	<0.05	5	<0.5	1.5
20110526	Soil		10	13	0.17	168	0.049	2	0.73	0.012	0.04	0.3	0.05	1.3	0.1	0.11	3	<0.5	<0.2
20110527	Soil		12	14	0.23	193	0.029	<1	0.97	0.012	0.04	0.3	0.06	1.4	0.1	0.10	3	0.6	0.3
20110528	Soil		13	15	0.28	179	0.038	<1	0.97	0.010	0.06	0.5	0.03	1.8	0.1	<0.05	3	<0.5	0.5
20110529	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.
20110530	Soil		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
20110531	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.
20110532	Soil		13	17	0.25	103	0.030	<1	0.92	0.006	0.05	0.2	0.03	1.4	0.2	0.06	4	<0.5	<0.2
20110533	Soil		12	9	0.12	205	0.011	<1	0.61	0.015	0.06	<0.1	0.04	0.8	0.3	0.08	2	<0.5	0.7
20110534	Soil		11	10	0.10	93	0.025	<1	0.62	0.010	0.06	<0.1	0.01	1.1	0.2	0.06	2	<0.5	0.6
20110535	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.

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Project: Charlotte Project
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS WHI11000733.1

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
20110536	Soil	0.068	2.5	386.3	62.9	77	1.4	14.5	6.0	172	3.72	36.4	59.4	2.9	28	0.2	3.4	19.3	42	0.16	0.113
20110537	Soil	0.012	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110538	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110539	Soil	0.009	11.6	41.5	7.4	25	0.5	7.1	2.9	80	1.60	7.9	9.0	2.2	36	<0.1	0.7	3.3	30	0.16	0.040
20110540	Soil	<0.005	0.2	4.4	0.6	10	<0.1	1.3	2.0	37	0.76	0.7	<0.5	<0.1	12	<0.1	<0.1	<0.1	26	0.11	0.037
20110541	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110542	Soil	0.007	3.4	35.9	11.6	25	0.4	6.0	2.6	75	1.11	9.1	6.5	1.4	18	<0.1	1.8	2.1	23	0.18	0.042
20110543	Soil	0.008	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110544	Soil	0.010	0.4	35.7	5.4	26	1.2	2.9	8.3	313	1.78	12.5	6.1	0.7	11	<0.1	1.1	2.9	56	0.15	0.058
20110545	Soil	0.023	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110546	Soil	0.017	2.0	125.0	26.2	68	0.8	9.3	5.2	164	2.34	101.1	49.5	1.4	13	0.4	5.4	16.0	32	0.11	0.058
20110547	Soil	0.078	2.0	155.1	28.8	72	2.1	12.8	6.6	196	3.02	96.0	51.3	2.3	24	0.6	4.7	25.5	38	0.16	0.081
20110548	Soil	0.019	38.4	124.2	10.5	25	0.4	6.5	2.9	89	2.21	13.9	20.4	4.5	61	<0.1	1.2	4.4	39	0.23	0.069
20110549	Soil	0.009	29.2	98.6	7.9	34	0.4	8.6	4.3	155	2.53	9.6	11.7	4.3	61	<0.1	0.8	3.0	54	0.21	0.062
20110550	Soil	0.006	3.6	31.5	3.1	16	0.4	3.6	2.6	47	1.11	2.5	5.8	0.3	15	<0.1	0.3	1.0	30	0.06	0.021
20110551	Soil	0.027	6.9	26.8	8.6	26	0.6	5.5	3.2	82	1.54	11.3	9.6	2.0	28	<0.1	1.3	2.3	34	0.16	0.041
20110552	Soil	0.012	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110553	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110554	Soil	0.013	1.3	41.6	6.7	25	0.7	4.2	4.3	171	1.69	26.1	15.0	1.0	14	<0.1	4.4	11.5	34	0.13	0.066
20110555	Soil	0.043	3.6	89.5	22.4	56	0.7	13.1	23.5	1232	3.84	59.9	36.2	3.0	29	0.1	13.0	17.7	43	0.15	0.096
20110556	Soil	0.018	3.4	81.1	12.7	49	0.4	11.6	9.3	260	2.25	38.2	31.2	0.4	19	<0.1	14.2	11.5	41	0.09	0.059
20110557	Soil	0.036	8.0	70.7	5.1	15	0.9	4.6	2.6	43	1.25	3.1	31.2	0.1	43	<0.1	0.4	1.2	24	0.10	0.073
20110558	Soil	0.026	16.2	84.2	9.4	22	0.8	6.8	2.8	77	1.64	10.5	26.1	2.5	50	<0.1	0.9	5.0	29	0.14	0.037
20110559	Soil	<0.005	0.5	10.9	0.5	9	<0.1	1.5	2.0	35	0.73	<0.5	5.1	<0.1	13	<0.1	0.3	<0.1	25	0.08	0.019
20110560	Soil	0.043	5.3	45.6	12.8	30	0.7	8.0	3.1	87	1.83	14.3	39.6	5.5	32	<0.1	2.1	4.5	37	0.18	0.037
20110561	Soil	0.008	10.4	22.4	26.1	28	0.9	7.3	3.2	85	1.44	13.5	35.8	2.7	26	<0.1	4.4	3.2	30	0.20	0.045
20110562	Soil	<0.005	3.4	13.9	2.4	11	0.2	2.3	2.3	39	1.73	5.9	3.4	0.4	12	<0.1	2.7	0.4	32	0.10	0.047
20110564	Soil	0.036	6.0	63.6	8.2	21	1.2	6.6	3.3	63	1.47	10.2	36.1	0.3	27	<0.1	1.4	3.3	25	0.12	0.063
20110565	Soil	0.075	23.4	72.6	17.9	28	1.0	5.7	3.7	74	2.34	24.8	80.4	1.6	63	<0.1	4.0	5.8	33	0.12	0.069
20110566	Soil	0.058	17.1	65.3	22.7	28	1.6	7.0	2.7	81	2.14	22.8	59.7	3.0	55	<0.1	2.7	9.7	33	0.14	0.054

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

Project: Charlotte Project
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS WHI11000733.1

	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
20110536	Soil	15	29	0.34	213	0.024	1	2.15	0.010	0.13	0.2	0.04	2.7	0.3	0.08	5	1.0	0.7
20110537	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.
20110538	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.
20110539	Soil	10	19	0.31	104	0.056	<1	1.17	0.015	0.05	0.4	<0.01	1.8	0.1	0.06	4	<0.5	<0.2
20110540	Soil	2	2	0.05	15	0.035	<1	0.14	0.033	0.03	<0.1	<0.01	0.2	<0.1	<0.05	1	<0.5	<0.2
20110541	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.
20110542	Soil	9	15	0.25	118	0.041	<1	0.97	0.009	0.05	0.3	0.02	1.2	0.1	<0.05	3	<0.5	<0.2
20110543	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.
20110544	Soil	3	5	0.06	33	0.074	<1	0.23	0.021	0.02	<0.1	<0.01	0.4	<0.1	0.06	2	<0.5	<0.2
20110545	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.
20110546	Soil	15	15	0.16	73	0.031	<1	0.64	0.010	0.06	0.2	<0.01	1.0	0.2	0.06	3	<0.5	0.9
20110547	Soil	13	21	0.26	167	0.032	1	1.40	0.011	0.11	0.1	0.04	2.2	0.4	0.08	4	<0.5	0.8
20110548	Soil	11	13	0.42	97	0.060	<1	1.08	0.027	0.11	0.5	<0.01	2.1	0.2	0.13	4	<0.5	0.4
20110549	Soil	12	21	0.54	109	0.102	<1	1.28	0.032	0.19	0.6	<0.01	3.2	0.3	0.14	5	<0.5	<0.2
20110550	Soil	3	7	0.10	43	0.040	<1	0.52	0.026	0.03	0.2	0.01	0.7	<0.1	<0.05	3	<0.5	<0.2
20110551	Soil	11	14	0.26	98	0.062	<1	0.82	0.019	0.05	0.9	0.04	1.3	0.1	<0.05	3	<0.5	<0.2
20110552	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.
20110553	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.
20110554	Soil	8	10	0.13	88	0.033	<1	0.49	0.020	0.03	0.1	0.07	0.9	0.1	0.05	2	<0.5	1.1
20110555	Soil	19	23	0.24	231	0.029	1	1.10	0.009	0.09	0.2	0.06	1.8	0.3	0.07	4	0.7	1.0
20110556	Soil	11	18	0.09	125	0.035	<1	0.38	0.014	0.04	<0.1	0.03	0.7	0.1	0.06	2	0.5	1.2
20110557	Soil	7	11	0.14	61	0.026	2	1.23	0.022	0.05	0.1	0.05	0.4	0.1	0.11	4	<0.5	<0.2
20110558	Soil	14	19	0.31	128	0.048	<1	1.28	0.014	0.06	0.4	0.05	1.9	0.2	<0.05	4	<0.5	0.3
20110559	Soil	1	2	0.05	15	0.030	<1	0.19	0.033	0.02	<0.1	0.02	0.5	<0.1	<0.05	1	<0.5	<0.2
20110560	Soil	15	21	0.35	137	0.072	<1	1.39	0.011	0.07	0.7	0.05	2.4	0.3	<0.05	4	0.5	<0.2
20110561	Soil	12	17	0.28	123	0.059	<1	0.93	0.010	0.06	0.5	0.03	1.6	0.1	<0.05	3	<0.5	<0.2
20110562	Soil	3	5	0.05	56	0.041	<1	0.26	0.038	0.03	<0.1	<0.01	0.6	<0.1	<0.05	2	<0.5	<0.2
20110564	Soil	10	15	0.18	126	0.021	1	1.16	0.023	0.07	0.5	0.09	0.9	0.2	0.06	4	<0.5	<0.2
20110565	Soil	20	12	0.22	200	0.035	1	0.85	0.027	0.13	0.8	0.07	1.4	0.2	0.22	4	0.6	0.2
20110566	Soil	18	19	0.32	197	0.045	1	1.11	0.013	0.09	0.9	0.04	1.6	0.2	0.10	4	0.6	0.7

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	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
20110567	Soil	0.028	17.9	36.9	80.6	36	1.6	8.2	3.7	108	1.99	26.8	49.8	4.2	37	<0.1	13.8	5.4	37	0.21	0.064
20110568	Soil	0.021	7.6	30.0	38.9	44	1.2	9.0	4.1	118	1.88	19.0	23.3	2.7	29	0.1	8.5	6.1	36	0.22	0.057
20110570	Soil	0.044	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110571	Soil	0.030	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110572	Soil	0.087	30.2	79.7	40.9	31	2.7	6.9	2.8	39	2.06	44.6	91.1	0.1	73	0.5	26.4	15.3	15	0.24	0.199
20110573	Soil	0.034	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110574	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110575	Soil	<0.005	0.6	11.8	8.1	33	0.1	8.0	4.4	151	1.61	6.8	1.5	0.6	16	0.2	0.3	0.2	40	0.21	0.047
20110576	Soil	<0.005	0.5	11.3	9.4	46	0.1	9.3	6.3	232	1.93	8.3	4.2	1.4	19	0.2	0.3	0.3	50	0.26	0.049
20110577	Soil	<0.005	1.7	14.1	18.1	42	0.3	8.8	57.6	3786	2.07	10.0	2.6	0.2	22	0.3	0.3	0.2	47	0.26	0.082
20110578	Soil	0.006	0.6	16.4	8.7	37	0.3	8.7	5.5	194	1.85	5.7	2.6	0.3	19	0.4	0.4	0.2	48	0.22	0.051
20110579	Soil	<0.005	<0.1	2.9	1.2	10	<0.1	1.4	1.9	38	0.63	<0.5	<0.5	<0.1	9	<0.1	<0.1	<0.1	23	0.07	0.016
20110580	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
20110581	Soil	<0.005	0.9	14.4	12.1	39	0.2	7.1	13.7	981	1.66	6.9	1.0	0.2	14	0.3	0.5	0.2	44	0.15	0.060
20110582	Soil	0.012	15.3	149.5	14.6	80	2.0	4.3	3.6	173	1.02	10.2	19.8	0.2	16	1.9	1.0	0.4	28	0.20	0.057
20110583	Soil	0.068	16.5	128.5	108.0	269	4.2	9.6	8.6	712	2.07	71.3	66.6	1.0	30	1.1	5.2	5.5	37	0.17	0.071
20110584	Soil	0.269	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110585	Soil	0.060	7.0	127.4	126.1	61	5.4	9.5	4.7	146	2.57	25.0	41.3	2.7	13	0.3	1.9	5.0	49	0.12	0.039
20110586	Soil	0.090	40.1	322.7	58.5	62	6.7	9.4	4.5	122	2.29	42.2	89.5	1.9	36	0.7	8.2	6.9	42	0.17	0.075
20110587	Soil	0.074	41.2	282.1	61.4	67	5.5	9.2	4.5	131	2.36	38.6	75.1	2.2	32	0.6	6.2	5.2	45	0.15	0.066
20110588	Soil	0.786	38.2	19.5	84.8	30	5.4	6.6	2.8	121	2.79	88.3	338.7	5.3	40	0.2	22.6	45.3	34	0.14	0.092
20110589	Soil	0.382	34.5	17.5	91.5	30	4.2	6.8	4.3	200	3.03	107.2	366.9	13.7	42	0.2	19.1	45.8	31	0.19	0.097
20110590	Soil	0.018	8.1	12.8	19.6	26	1.2	7.6	3.0	106	1.79	25.6	22.6	1.4	16	0.2	5.2	13.3	58	0.11	0.048
20110591	Soil	0.089	4.6	17.8	21.5	34	1.5	10.0	4.1	129	2.46	26.9	81.2	4.8	23	0.1	13.1	7.3	53	0.13	0.034
20110592	Soil	0.127	8.8	18.2	37.5	31	4.1	8.5	4.2	151	2.48	46.5	140.5	3.2	43	0.1	16.0	16.4	49	0.15	0.055
20110593	Soil	0.054	7.8	29.3	33.1	46	1.6	11.9	6.0	207	3.10	42.8	64.2	5.1	35	0.1	5.5	7.8	55	0.15	0.046
20110594	Soil	0.022	8.8	26.5	19.8	43	0.7	9.9	5.2	145	2.71	23.8	29.6	2.6	27	0.2	2.3	3.1	61	0.15	0.083
20110595	Soil	0.028	8.9	18.2	23.8	41	0.5	8.5	5.1	218	2.63	26.5	29.0	3.5	24	<0.1	4.3	4.2	58	0.16	0.076

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	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
20110567	Soil	14	20	0.32	155	0.063	<1	0.92	0.018	0.08	0.5	0.05	1.9	0.2	0.07	3	<0.5	0.3
20110568	Soil	11	19	0.36	133	0.060	<1	1.03	0.011	0.09	1.9	0.04	1.9	0.1	0.07	4	<0.5	0.5
20110570	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.
20110571	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.
20110572	Soil	17	15	0.16	864	0.006	1	1.25	0.020	0.13	2.2	0.25	0.3	0.3	0.35	4	1.5	0.9
20110573	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.
20110574	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.
20110575	Soil	7	14	0.34	95	0.043	1	1.20	0.011	0.05	0.1	0.03	1.3	0.1	<0.05	4	<0.5	<0.2
20110576	Soil	9	18	0.39	109	0.065	<1	1.31	0.013	0.06	0.2	0.02	1.9	0.1	<0.05	5	<0.5	<0.2
20110577	Soil	7	18	0.35	152	0.026	<1	1.35	0.017	0.05	0.1	0.05	1.1	0.2	0.05	5	<0.5	<0.2
20110578	Soil	8	16	0.36	112	0.039	<1	1.10	0.018	0.05	0.1	0.04	1.2	0.1	0.05	4	<0.5	<0.2
20110579	Soil	1	3	0.07	20	0.029	<1	0.20	0.024	0.02	<0.1	<0.01	0.2	<0.1	<0.05	2	<0.5	<0.2
20110580	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
20110581	Soil	5	14	0.29	91	0.040	<1	1.02	0.014	0.05	<0.1	0.03	0.9	<0.1	0.06	5	<0.5	<0.2
20110582	Soil	5	5	0.11	71	0.034	<1	0.50	0.022	0.03	<0.1	0.05	0.8	0.1	0.10	2	1.0	<0.2
20110583	Soil	13	20	0.30	177	0.024	<1	1.02	0.009	0.09	0.2	0.10	1.4	0.1	0.07	5	<0.5	0.3
20110584	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.
20110585	Soil	10	20	0.27	55	0.061	<1	1.20	0.012	0.06	0.5	0.09	1.6	0.1	0.09	5	0.8	0.3
20110586	Soil	14	19	0.28	196	0.043	<1	1.50	0.016	0.09	0.5	0.18	1.8	0.2	0.16	5	1.0	0.5
20110587	Soil	13	19	0.29	169	0.060	<1	1.46	0.016	0.09	0.7	0.11	1.9	0.2	0.14	6	0.9	0.5
20110588	Soil	26	15	0.15	427	0.041	1	0.65	0.012	0.36	6.0	0.16	1.6	0.3	0.58	6	4.2	2.1
20110589	Soil	24	14	0.22	300	0.043	<1	0.64	0.012	0.36	5.9	0.19	2.3	0.3	0.57	6	5.0	1.7
20110590	Soil	13	13	0.09	99	0.072	<1	0.52	0.009	0.14	1.6	0.05	1.0	0.2	0.17	6	1.6	0.8
20110591	Soil	13	24	0.27	119	0.072	<1	1.30	0.009	0.12	0.8	0.11	2.3	0.2	0.14	7	0.7	0.6
20110592	Soil	15	20	0.26	163	0.058	<1	1.09	0.014	0.18	0.9	0.12	1.8	0.3	0.22	7	1.9	1.2
20110593	Soil	15	24	0.40	171	0.060	<1	1.77	0.015	0.15	0.6	0.04	2.5	0.3	0.18	7	0.8	1.0
20110594	Soil	9	22	0.31	112	0.076	<1	1.39	0.012	0.08	0.8	0.03	1.8	0.1	0.06	6	<0.5	0.3
20110595	Soil	11	21	0.34	94	0.069	<1	1.22	0.009	0.09	0.6	0.02	2.0	0.2	0.08	7	<0.5	0.5

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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
[redacted]																					
20110308	Soil	0.013	0.7	19.6	8.9	33	0.1	11.9	6.1	181	1.99	8.4	6.2	3.1	23	<0.1	0.7	0.8	41	0.21	0.051
20110309	Soil	0.016	0.8	24.6	17.2	36	0.3	10.8	5.8	178	2.41	15.3	12.3	4.5	33	<0.1	1.5	2.6	43	0.26	0.055
[redacted]																					
20110314	Soil	0.012	0.9	37.8	10.0	41	0.1	16.0	7.1	203	2.39	8.6	7.2	3.2	23	0.1	0.5	0.7	51	0.23	0.044
20110315	Soil	0.014	1.7	46.0	25.1	45	0.1	17.2	8.8	312	3.06	6.6	6.7	4.9	38	0.1	0.8	0.8	71	0.28	0.074
20110316	Soil	0.008	0.3	11.5	3.3	8	<0.1	3.0	1.5	38	0.64	1.4	4.0	0.2	10	<0.1	0.2	<0.1	14	0.08	0.036
20110317	Soil	0.015	1.3	35.5	26.0	44	0.3	17.0	6.2	213	2.70	9.7	45.5	4.0	52	0.2	1.0	0.8	47	0.40	0.081
20110318	Soil	<0.005	0.4	7.1	4.3	11	<0.1	2.7	1.8	40	0.80	1.3	0.9	0.2	8	<0.1	0.1	<0.1	24	0.05	0.021
20110319	Soil	0.010	0.2	4.4	1.2	12	<0.1	2.1	2.3	46	0.88	<0.5	<0.5	0.1	6	<0.1	<0.1	<0.1	31	0.05	0.016
20110320	Soil	<0.005	0.4	6.4	2.6	5	0.2	2.1	0.7	18	0.37	1.4	1.2	0.4	6	<0.1	0.1	0.4	9	0.02	0.009
[redacted]																					

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Project: Charlotte Project
Report Date: August 16, 2011

CERTIFICATE OF ANALYSIS WHI11000733.1

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
[redacted]																	
20110308 Soil	8	22	0.41	128	0.070	<1	1.15	0.021	0.06	0.4	<0.01	2.4	<0.1	<0.05	3	<0.5	<0.2
20110309 Soil	12	23	0.40	147	0.077	<1	1.02	0.024	0.07	1.0	0.01	2.7	<0.1	<0.05	3	<0.5	0.2
[redacted]																	
20110314 Soil	13	30	0.48	259	0.076	<1	1.58	0.016	0.08	0.2	<0.01	3.8	0.1	<0.05	5	<0.5	<0.2
20110315 Soil	11	37	0.76	259	0.142	<1	1.90	0.032	0.33	0.4	<0.01	5.5	0.6	<0.05	6	<0.5	<0.2
20110316 Soil	3	6	0.08	36	0.024	<1	0.45	0.029	0.03	<0.1	0.01	0.7	<0.1	<0.05	1	<0.5	<0.2
20110317 Soil	12	30	0.51	158	0.100	<1	1.11	0.053	0.09	0.4	0.03	3.6	0.1	0.11	3	<0.5	<0.2
20110318 Soil	2	5	0.06	26	0.040	<1	0.28	0.032	0.03	<0.1	0.01	0.4	<0.1	<0.05	2	<0.5	<0.2
20110319 Soil	<1	4	0.04	12	0.056	<1	0.34	0.044	0.04	<0.1	<0.01	0.7	<0.1	<0.05	2	<0.5	<0.2
20110320 Soil	2	4	0.03	21	0.019	<1	0.38	0.019	0.02	0.3	0.01	0.4	<0.1	<0.05	1	<0.5	<0.2
[redacted]																	

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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
[redacted]																					
20110338	Soil	0.019	13.2	196.4	22.9	82	0.5	10.4	11.8	203	5.97	19.5	14.4	3.6	50	0.5	9.2	1.2	72	0.12	0.117
20110339	Soil	<0.005	4.2	45.2	18.7	38	0.2	9.7	4.3	144	2.61	10.1	4.6	1.5	19	0.1	1.9	0.7	60	0.12	0.050
20110340	Soil	0.007	2.2	34.8	16.8	39	0.1	8.4	5.5	153	2.71	12.6	3.0	3.4	21	0.2	2.8	0.8	68	0.13	0.030
20110341	Soil	0.008	1.3	27.5	10.1	42	<0.1	11.6	6.9	206	2.40	8.8	6.1	1.9	19	0.2	0.6	0.5	58	0.17	0.038
20110342	Soil	0.012	1.8	40.4	20.4	46	0.1	9.9	4.8	133	1.87	5.8	10.6	4.3	25	0.2	0.8	0.9	39	0.28	0.070
20110343	Soil	0.032	3.6	107.4	35.7	57	0.4	12.5	6.0	162	2.70	12.1	23.9	3.0	42	0.4	1.1	2.3	42	0.21	0.076
20110344	Soil	0.038	2.5	69.9	20.6	53	0.3	14.3	8.2	172	3.60	13.4	10.7	4.9	28	0.2	0.9	1.5	63	0.12	0.054
[redacted]																					
20110346	Soil	0.007	1.1	23.0	8.8	32	0.1	7.2	4.9	110	2.22	6.8	3.1	0.7	13	<0.1	0.6	0.3	79	0.08	0.028
20110600	Soil	<0.005	1.0	14.5	12.3	43	0.1	13.5	6.5	189	2.48	12.4	2.1	2.7	17	0.2	0.6	0.3	64	0.19	0.036
20110601	Soil	<0.005	0.5	10.4	7.2	26	<0.1	6.7	3.6	112	1.46	6.9	1.4	0.6	14	0.1	0.4	0.1	42	0.15	0.033
20110602	Soil	<0.005	0.1	5.8	1.9	21	<0.1	3.0	4.1	77	1.46	0.6	0.9	0.2	12	<0.1	<0.1	<0.1	60	0.16	0.056
20110603	Soil	<0.005	0.6	12.1	5.7	30	<0.1	7.9	4.8	130	1.68	4.2	2.1	0.4	16	0.2	0.2	<0.1	53	0.16	0.041
20110604	Soil	<0.005	0.9	23.4	16.9	40	0.4	5.6	3.0	125	0.93	3.6	5.7	0.1	16	0.2	1.4	0.3	25	0.17	0.073
20110605	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110606	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.
20110607	Soil	0.082	19.6	214.7	861.3	176	5.6	9.3	4.2	218	2.08	114.3	75.9	4.2	29	1.8	36.3	3.4	35	0.26	0.073
20110608	Soil	0.102	33.3	254.7	1307	249	6.9	8.0	4.2	321	2.86	214.8	96.2	3.8	44	0.9	41.3	3.3	30	0.17	0.083
20110609	Soil	0.037	10.1	152.6	30.1	110	1.6	10.6	5.0	269	2.40	34.5	36.6	1.9	16	0.6	6.3	3.6	59	0.12	0.041
20110610	Soil	0.245	25.7	386.1	51.0	54	12.9	11.2	5.0	195	2.76	42.3	233.7	3.1	28	0.3	2.0	116.3	41	0.17	0.057

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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
[redacted]																		
20110338	Soil	14	17	0.56	273	0.046	<1	2.19	0.039	0.32	0.5	0.04	7.5	0.6	0.26	6	1.2	<0.2
20110339	Soil	10	21	0.32	156	0.065	<1	1.23	0.011	0.09	0.2	0.02	2.5	0.2	<0.05	6	<0.5	<0.2
20110340	Soil	9	19	0.23	203	0.062	1	0.92	0.011	0.07	0.2	<0.01	2.0	0.1	<0.05	6	<0.5	<0.2
20110341	Soil	9	23	0.35	153	0.084	2	1.20	0.017	0.08	0.2	0.01	2.2	<0.1	<0.05	4	<0.5	<0.2
20110342	Soil	12	19	0.38	117	0.086	1	1.00	0.015	0.07	0.2	<0.01	2.2	0.1	<0.05	3	<0.5	<0.2
20110343	Soil	12	23	0.36	216	0.052	2	1.35	0.031	0.12	0.5	0.03	2.6	0.2	0.14	4	0.8	0.4
20110344	Soil	13	26	0.35	149	0.062	2	1.90	0.025	0.08	0.2	0.02	2.4	0.2	0.08	5	0.7	0.4
[redacted]																		
20110346	Soil	6	15	0.14	57	0.103	2	0.69	0.017	0.03	0.1	0.02	0.7	<0.1	<0.05	5	<0.5	<0.2
20110600	Soil	11	26	0.44	97	0.095	1	1.69	0.011	0.07	0.2	0.01	2.8	0.1	<0.05	7	<0.5	<0.2
20110601	Soil	7	14	0.27	62	0.054	2	0.90	0.021	0.05	0.1	0.04	1.1	<0.1	<0.05	4	<0.5	<0.2
20110602	Soil	3	6	0.09	23	0.104	<1	0.29	0.035	0.02	<0.1	<0.01	0.4	<0.1	<0.05	3	<0.5	<0.2
20110603	Soil	5	13	0.27	63	0.073	<1	0.79	0.020	0.04	0.1	0.01	1.1	<0.1	<0.05	4	<0.5	<0.2
20110604	Soil	6	17	0.23	104	0.035	2	0.83	0.018	0.04	0.1	0.02	0.8	0.2	<0.05	4	<0.5	<0.2
20110605	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.
20110606	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.
20110607	Soil	15	18	0.29	259	0.057	2	0.70	0.015	0.12	0.4	0.07	1.7	0.2	0.14	2	1.1	0.5
20110608	Soil	14	15	0.24	229	0.032	1	0.76	0.014	0.17	0.3	0.11	1.3	0.3	0.29	3	0.7	0.6
20110609	Soil	11	25	0.29	90	0.083	2	1.24	0.011	0.07	0.3	0.09	1.9	0.2	<0.05	6	<0.5	<0.2
20110610	Soil	17	20	0.35	92	0.064	2	1.18	0.022	0.15	0.8	0.04	1.7	0.2	0.22	4	1.7	2.0

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	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
20110611	Soil	0.011	3.1	58.1	7.6	39	0.4	13.3	6.6	188	2.39	10.7	8.3	3.7	15	0.2	0.8	0.6	52	0.13	0.022
20110612	Soil	0.066	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110613	Soil	0.119	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110614	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110615	Soil	0.019	2.6	19.8	18.3	37	1.6	12.4	6.2	207	2.16	17.0	30.5	1.8	23	<0.1	12.2	3.1	61	0.16	0.033
20110616	Soil	<0.005	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110617	Soil	1.511	2.5	24.5	12.7	40	0.4	12.1	5.6	158	2.32	15.7	7.9	2.4	21	0.1	1.4	0.8	58	0.18	0.037
20110618	Soil	0.025	3.5	21.3	21.3	49	1.7	10.9	5.7	172	2.80	16.5	11.7	2.5	19	0.2	4.0	1.8	75	0.15	0.042
20110619	Soil	0.005	2.8	13.7	13.4	21	0.7	3.3	3.5	86	1.35	3.6	8.1	0.2	16	<0.1	3.5	0.6	45	0.11	0.056
20110622	Soil	<0.005	<0.1	4.2	2.2	9	0.1	1.4	1.9	41	0.69	<0.5	<0.5	<0.1	11	<0.1	<0.1	<0.1	27	0.12	0.043
20110623	Soil	<0.005	0.2	4.1	1.9	6	0.3	1.8	2.0	83	0.40	<0.5	1.1	<0.1	13	0.2	<0.1	<0.1	13	0.09	0.051
20110624	Soil	<0.005	1.2	39.6	5.0	7	0.7	4.9	5.5	324	3.62	176.5	4.3	0.4	26	0.4	0.7	0.1	110	0.25	0.106
20110625	Soil	<0.005	0.4	12.4	12.6	28	0.5	3.1	5.2	95	1.88	2.5	5.3	0.5	14	0.6	1.2	<0.1	79	0.16	0.063
20110626	Soil	0.092	6.5	142.8	43.9	103	1.0	13.0	8.3	443	2.42	55.3	41.4	5.0	25	0.6	13.8	0.8	45	0.31	0.075
20110627	Soil	0.027	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110628	Soil	0.032	5.5	118.8	90.2	155	1.6	9.9	5.6	341	2.36	39.8	28.4	2.5	14	0.6	5.3	0.9	37	0.19	0.051
20110629	Soil	0.027	6.8	162.5	108.2	170	1.9	13.1	9.0	640	2.76	43.6	20.9	3.0	14	0.6	5.7	0.9	45	0.17	0.047
20110630	Soil	I.S.	12.4	170.0	76.3	143	4.3	16.9	6.9	396	3.54	107.7	62.5	2.1	20	1.3	12.2	1.8	60	0.24	0.062
20110631	Soil	0.067	24.9	140.8	106.7	513	2.8	14.3	11.1	1259	3.99	177.1	54.3	3.1	27	2.5	6.3	4.8	42	0.17	0.083

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	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
20110611	Soil	10	27	0.38	65	0.090	1	1.60	0.013	0.06	0.3	0.01	2.5	0.1	<0.05	5	<0.5	<0.2
20110612	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.
20110613	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.
20110614	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.
20110615	Soil	12	20	0.32	85	0.091	1	0.95	0.014	0.08	0.3	0.08	1.6	<0.1	0.06	4	0.7	0.2
20110616	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.
20110617	Soil	9	24	0.35	98	0.076	1	1.41	0.013	0.06	0.3	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
20110618	Soil	8	29	0.35	95	0.100	2	1.53	0.012	0.06	0.3	0.06	2.3	0.2	<0.05	7	<0.5	<0.2
20110619	Soil	4	7	0.10	42	0.069	<1	0.53	0.028	0.03	0.2	0.04	0.4	<0.1	<0.05	3	<0.5	<0.2
20110622	Soil	2	3	0.06	20	0.047	<1	0.26	0.033	0.02	<0.1	<0.01	0.2	<0.1	<0.05	2	<0.5	<0.2
20110623	Soil	1	4	0.07	28	0.015	2	0.27	0.039	0.02	<0.1	0.02	0.2	<0.1	<0.05	<1	<0.5	<0.2
20110624	Soil	12	13	0.06	107	0.038	2	1.52	0.037	0.01	0.1	0.07	1.4	<0.1	0.06	3	0.8	<0.2
20110625	Soil	3	7	0.08	28	0.145	<1	0.18	0.028	0.01	<0.1	0.01	0.6	<0.1	<0.05	3	<0.5	<0.2
20110626	Soil	15	23	0.38	148	0.067	1	1.00	0.013	0.08	0.4	0.04	2.3	0.1	<0.05	3	0.5	<0.2
20110627	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.
20110628	Soil	10	18	0.29	59	0.043	2	0.85	0.009	0.07	0.2	0.03	1.8	<0.1	0.11	3	<0.5	<0.2
20110629	Soil	11	23	0.37	77	0.049	2	1.22	0.010	0.07	0.2	0.05	2.3	0.1	0.06	4	<0.5	<0.2
20110630	Soil	15	34	0.26	212	0.047	<1	1.33	0.010	0.08	0.3	0.15	2.3	0.3	0.07	7	0.7	0.5
20110631	Soil	17	23	0.33	287	0.020	<1	1.50	0.011	0.12	0.2	0.06	2.6	0.2	0.10	4	0.7	0.7

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Project: Charlotte Project
Report Date: August 16, 2011

QUALITY CONTROL REPORT WHI11000733.1

	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																					
20110375	Soil	<0.005	2.4	51.4	11.4	37	0.1	9.7	5.5	136	2.15	11.5	9.7	1.9	18	0.2	1.0	0.6	40	0.14	0.044
REP 20110375	QC		2.2	52.1	11.4	37	0.2	9.3	5.4	135	2.18	11.4	8.4	1.8	18	0.2	1.0	0.5	39	0.13	0.044
20110403	Soil	0.148	1.8	69.5	23.7	64	0.5	10.1	5.8	166	2.87	75.0	93.8	5.8	38	0.3	12.2	50.4	34	0.19	0.067
REP 20110403	QC		1.9	68.5	23.3	63	0.4	9.9	5.5	160	2.80	74.4	106.2	5.7	36	0.3	12.3	50.1	32	0.19	0.068
20110420	Soil	0.006	0.2	7.5	6.1	13	0.5	1.8	2.7	58	0.93	2.5	7.7	0.2	8	<0.1	0.1	0.5	32	0.04	0.010
REP 20110420	QC		0.1	7.2	5.9	14	0.5	1.6	2.6	58	0.89	2.5	7.3	0.2	8	<0.1	0.1	0.5	31	0.04	0.009
20110431	Soil	0.096	4.3	323.0	58.9	65	1.1	5.5	4.7	175	3.45	61.1	52.7	5.8	34	0.2	11.9	61.8	18	0.11	0.078
REP 20110431	QC		4.0	317.7	57.2	66	1.0	4.9	4.6	170	3.51	61.9	89.4	5.6	33	0.1	11.6	58.7	21	0.10	0.074
20110432	Soil	0.038	1.4	21.6	17.7	40	0.3	11.8	6.2	265	2.61	12.3	15.1	3.5	17	0.1	1.3	3.0	46	0.15	0.060
REP 20110432	QC	<0.005																			
20110446	Soil	0.008	23.4	41.2	62.8	35	1.3	7.3	2.9	80	2.47	31.2	14.4	3.2	32	<0.1	12.1	5.1	39	0.15	0.054
REP 20110446	QC		24.2	39.9	61.7	35	1.2	6.7	3.0	80	2.55	30.6	17.0	3.2	31	<0.1	11.9	4.9	39	0.15	0.053
20110465	Soil	0.018	0.9	58.8	16.0	28	0.9	4.0	3.2	138	1.21	55.2	19.2	0.5	12	0.3	2.0	11.4	19	0.06	0.042
REP 20110465	QC		1.0	58.5	16.3	30	0.9	4.2	3.0	139	1.20	51.5	23.6	0.6	12	0.3	2.1	11.9	20	0.07	0.044
20110486	Soil	0.051	1.7	30.6	20.6	39	0.3	7.4	4.2	116	2.44	22.6	21.1	2.3	30	0.2	1.9	5.1	39	0.15	0.069
REP 20110486	QC		1.9	29.4	19.7	38	0.3	7.4	4.1	113	2.38	22.9	11.5	2.4	30	0.2	1.9	5.1	39	0.15	0.068
20110490	Soil	0.079	2.3	34.3	40.6	48	0.9	13.0	5.9	164	3.14	24.6	72.0	4.9	57	0.1	3.9	29.5	41	0.13	0.069
REP 20110490	QC	0.100																			
20110502	Soil	0.070	3.6	216.0	32.8	53	0.7	8.6	21.3	614	3.82	84.5	86.6	3.4	21	0.2	9.6	15.1	29	0.13	0.079
REP 20110502	QC		3.4	211.8	31.3	54	0.7	8.9	21.2	593	3.72	82.1	80.3	3.4	20	<0.1	9.5	15.6	31	0.14	0.080
20110503	Soil	0.059	2.7	160.2	49.5	47	1.7	6.8	4.9	220	2.70	59.6	34.0	4.0	21	0.1	13.7	38.5	30	0.17	0.080
REP 20110503	QC	0.030																			

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QUALITY CONTROL REPORT WHI11000733.1

	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																		
[redacted]																		
20110375	Soil	9	18	0.28	167	0.039	<1	0.98	0.016	0.06	0.2	0.03	1.7	<0.1	0.05	4	<0.5	<0.2
REP 20110375	QC	8	17	0.29	169	0.038	<1	0.97	0.016	0.06	0.2	0.03	1.6	<0.1	0.05	4	<0.5	<0.2
[redacted]																		
20110403	Soil	13	16	0.30	122	0.056	<1	0.72	0.012	0.09	0.1	0.04	1.9	0.2	0.06	2	<0.5	1.1
REP 20110403	QC	12	15	0.29	120	0.049	<1	0.69	0.014	0.09	0.2	0.04	1.7	0.2	0.07	2	<0.5	1.2
20110420	Soil	1	3	0.05	20	0.047	<1	0.24	0.028	0.02	<0.1	<0.01	0.4	<0.1	<0.05	2	<0.5	<0.2
REP 20110420	QC	1	3	0.04	20	0.044	<1	0.24	0.026	0.03	<0.1	<0.01	0.4	<0.1	<0.05	1	<0.5	<0.2
20110431	Soil	18	9	0.15	333	0.007	<1	0.85	0.007	0.12	0.1	0.05	1.2	0.2	0.14	2	0.5	5.8
REP 20110431	QC	18	9	0.15	319	0.007	<1	0.81	0.006	0.11	<0.1	0.05	1.4	0.2	0.15	2	0.9	5.8
20110432	Soil	10	22	0.30	87	0.066	<1	1.17	0.010	0.08	0.2	0.02	1.7	<0.1	<0.05	4	0.8	0.2
REP 20110432	QC																	
20110446	Soil	16	20	0.31	224	0.048	<1	1.31	0.008	0.08	0.8	0.06	1.8	0.2	<0.05	5	0.8	0.3
REP 20110446	QC	16	20	0.30	225	0.047	<1	1.35	0.008	0.08	0.9	0.07	1.8	0.2	<0.05	5	0.9	0.4
20110465	Soil	4	6	0.05	85	0.019	2	0.46	0.023	0.04	<0.1	0.04	0.7	0.1	<0.05	2	<0.5	0.8
REP 20110465	QC	4	6	0.05	86	0.022	1	0.46	0.023	0.04	<0.1	0.05	0.7	0.1	0.07	2	<0.5	0.5
20110486	Soil	12	16	0.28	117	0.025	<1	0.94	0.008	0.06	0.2	0.03	1.5	0.2	<0.05	4	0.6	0.3
REP 20110486	QC	12	15	0.28	116	0.024	1	0.93	0.008	0.06	0.2	0.03	1.5	0.2	<0.05	4	<0.5	0.3
20110490	Soil	13	24	0.36	236	0.032	2	1.60	0.012	0.15	0.3	0.09	2.7	0.3	0.17	5	<0.5	1.3
REP 20110490	QC																	
20110502	Soil	16	15	0.21	71	0.013	<1	0.88	0.006	0.06	0.1	0.07	1.1	0.2	<0.05	3	1.5	1.2
REP 20110502	QC	15	15	0.20	72	0.012	<1	0.85	0.006	0.05	0.1	0.08	1.1	0.2	<0.05	3	1.1	1.0
20110503	Soil	15	13	0.20	191	0.014	<1	0.80	0.006	0.05	0.2	0.12	1.2	0.2	<0.05	3	<0.5	1.3
REP 20110503	QC																	

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QUALITY CONTROL REPORT WHI11000733.1

		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
20110532	Soil	0.016	1.3	46.2	22.7	42	0.8	7.2	7.4	369	2.16	17.8	11.3	2.3	14	0.3	1.2	4.9	35	0.16	0.063
REP 20110532	QC		1.4	48.6	21.9	44	0.9	8.0	7.7	398	2.32	18.6	32.8	2.6	15	0.4	1.2	5.0	38	0.18	0.069
20110548	Soil	0.019	38.4	124.2	10.5	25	0.4	6.5	2.9	89	2.21	13.9	20.4	4.5	61	<0.1	1.2	4.4	39	0.23	0.069
REP 20110548	QC		38.7	128.2	10.8	26	0.5	6.4	3.1	93	2.31	13.9	19.5	4.6	62	<0.1	1.2	4.5	40	0.23	0.073
20110551	Soil	0.027	6.9	26.8	8.6	26	0.6	5.5	3.2	82	1.54	11.3	9.6	2.0	28	<0.1	1.3	2.3	34	0.16	0.041
REP 20110551	QC	0.026																			
20110568	Soil	0.021	7.6	30.0	38.9	44	1.2	9.0	4.1	118	1.88	19.0	23.3	2.7	29	0.1	8.5	6.1	36	0.22	0.057
REP 20110568	QC		8.0	30.4	37.0	44	1.2	9.2	4.3	124	1.88	18.4	29.1	2.7	29	0.1	8.2	5.9	37	0.21	0.058
20110591	Soil	0.089	4.6	17.8	21.5	34	1.5	10.0	4.1	129	2.46	26.9	81.2	4.8	23	0.1	13.1	7.3	53	0.13	0.034
REP 20110591	QC		4.6	19.0	22.7	33	1.7	9.8	4.2	134	2.53	27.2	90.5	5.0	24	0.2	12.5	7.7	52	0.11	0.037
20110344	Soil	0.038	2.5	69.9	20.6	53	0.3	14.3	8.2	172	3.60	13.4	10.7	4.9	28	0.2	0.9	1.5	63	0.12	0.054
REP 20110344	QC		2.5	73.8	22.4	56	0.3	15.1	8.5	180	3.69	13.9	19.2	5.4	29	0.3	0.9	1.6	66	0.13	0.057
20110600	Soil	<0.005	1.0	14.5	12.3	43	0.1	13.5	6.5	189	2.48	12.4	2.1	2.7	17	0.2	0.6	0.3	64	0.19	0.036
REP 20110600	QC		1.0	15.2	13.0	44	0.1	13.2	6.6	194	2.53	12.7	42.8	2.7	17	0.2	0.6	0.3	65	0.19	0.037
20110611	Soil	0.011	3.1	58.1	7.6	39	0.4	13.3	6.6	188	2.39	10.7	8.3	3.7	15	0.2	0.8	0.6	52	0.13	0.022
REP 20110611	QC	0.011																			
20110629	Soil	0.027	6.8	162.5	108.2	170	1.9	13.1	9.0	640	2.76	43.6	20.9	3.0	14	0.6	5.7	0.9	45	0.17	0.047
REP 20110629	QC		7.1	167.0	110.1	170	2.1	13.9	8.9	641	2.76	45.1	20.7	2.9	13	0.7	5.9	0.9	46	0.16	0.047
Reference Materials																					
STD DS8	Standard		13.4	114.1	123.4	304	1.7	38.8	7.8	603	2.44	26.0	106.0	7.0	73	2.2	5.7	6.5	44	0.71	0.074
STD DS8	Standard		13.6	114.8	124.5	303	1.7	39.8	7.8	594	2.35	25.7	109.9	7.2	72	2.3	5.8	6.7	43	0.72	0.076

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		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
20110532	Soil	13	17	0.25	103	0.030	<1	0.92	0.006	0.05	0.2	0.03	1.4	0.2	0.06	4	<0.5	<0.2
REP 20110532	QC	14	17	0.27	106	0.033	<1	1.04	0.008	0.05	0.2	0.02	1.7	0.2	<0.05	4	<0.5	<0.2
20110548	Soil	11	13	0.42	97	0.060	<1	1.08	0.027	0.11	0.5	<0.01	2.1	0.2	0.13	4	<0.5	0.4
REP 20110548	QC	12	14	0.44	100	0.061	1	1.09	0.029	0.11	0.4	<0.01	2.3	0.2	0.14	4	<0.5	0.3
20110551	Soil	11	14	0.26	98	0.062	<1	0.82	0.019	0.05	0.9	0.04	1.3	0.1	<0.05	3	<0.5	<0.2
REP 20110551	QC																	
20110568	Soil	11	19	0.36	133	0.060	<1	1.03	0.011	0.09	1.9	0.04	1.9	0.1	0.07	4	<0.5	0.5
REP 20110568	QC	11	19	0.36	130	0.060	<1	1.03	0.011	0.08	1.9	0.04	1.9	0.1	0.06	4	0.7	0.4
20110591	Soil	13	24	0.27	119	0.072	<1	1.30	0.009	0.12	0.8	0.11	2.3	0.2	0.14	7	0.7	0.6
REP 20110591	QC	13	24	0.29	124	0.074	<1	1.39	0.010	0.12	0.7	0.16	2.2	0.2	0.13	7	1.9	0.4
20110344	Soil	13	26	0.35	149	0.062	2	1.90	0.025	0.08	0.2	0.02	2.4	0.2	0.08	5	0.7	0.4
REP 20110344	QC	13	27	0.36	157	0.063	2	2.06	0.027	0.08	0.3	0.03	2.6	0.2	0.09	5	<0.5	0.4
20110600	Soil	11	26	0.44	97	0.095	1	1.69	0.011	0.07	0.2	0.01	2.8	0.1	<0.05	7	<0.5	<0.2
REP 20110600	QC	11	26	0.45	99	0.098	1	1.71	0.011	0.08	0.2	<0.01	2.8	0.1	<0.05	7	<0.5	<0.2
20110611	Soil	10	27	0.38	65	0.090	1	1.60	0.013	0.06	0.3	0.01	2.5	0.1	<0.05	5	<0.5	<0.2
REP 20110611	QC																	
20110629	Soil	11	23	0.37	77	0.049	2	1.22	0.010	0.07	0.2	0.05	2.3	0.1	0.06	4	<0.5	<0.2
REP 20110629	QC	10	22	0.37	79	0.048	<1	1.17	0.009	0.07	0.2	0.05	2.4	0.2	0.08	4	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	123	0.59	281	0.136	3	0.94	0.115	0.43	3.0	0.21	2.7	5.1	0.11	5	4.8	5.2
STD DS8	Standard	16	121	0.60	283	0.136	2	0.95	0.103	0.43	3.0	0.19	2.5	5.3	0.13	5	4.7	4.7

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 16, 2011

QUALITY CONTROL REPORT WHI11000733.1

		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		13.6	118.4	120.5	310	1.7	39.1	7.8	601	2.44	26.1	112.0	7.2	71	2.3	5.9	6.6	46	0.72	0.075
STD DS8	Standard		14.0	120.3	125.2	323	1.7	40.5	8.3	620	2.51	27.4	115.5	7.6	72	2.4	6.3	6.7	47	0.73	0.079
STD DS8	Standard		11.8	104.6	116.9	302	1.7	34.8	7.2	575	2.28	26.0	102.3	6.3	61	2.1	5.1	6.3	42	0.62	0.075
STD DS8	Standard		12.6	105.1	118.7	298	1.8	35.9	7.3	583	2.35	25.5	97.9	6.5	62	2.4	5.1	6.4	42	0.65	0.072
STD DS8	Standard		12.9	110.8	126.3	303	1.7	39.5	7.6	599	2.44	26.9	113.5	7.0	70	2.3	6.0	6.8	43	0.68	0.079
STD DS8	Standard		13.5	112.2	124.5	304	1.7	39.8	7.9	613	2.41	26.5	109.0	7.1	71	2.5	5.8	6.8	43	0.69	0.082
STD DS8	Standard		13.4	114.9	133.0	335	1.8	40.6	8.1	625	2.48	27.5	109.3	6.9	67	2.5	5.5	6.9	42	0.72	0.081
STD DS8	Standard		14.0	117.6	136.0	330	1.9	40.6	8.0	648	2.60	28.0	114.6	7.1	71	2.4	6.0	7.0	43	0.78	0.082
STD DS8	Standard		12.7	108.3	127.5	310	1.9	38.6	7.3	563	2.37	24.6	119.9	6.2	60	2.2	5.5	6.3	41	0.63	0.071
STD DS8	Standard		12.4	101.5	131.2	283	1.8	35.9	6.8	546	2.28	24.5	98.9	6.9	64	1.9	5.1	6.5	42	0.63	0.076
STD DS8	Standard		12.1	108.5	125.2	317	1.8	38.4	7.2	576	2.44	26.8	121.5	6.5	63	2.6	5.7	6.8	41	0.66	0.077
STD DS8	Standard		12.2	107.2	125.3	311	1.8	38.0	7.5	609	2.52	26.7	111.1	6.3	60	2.4	5.7	6.8	41	0.64	0.078
STD DS8	Standard		12.9	104.1	116.8	284	1.7	36.0	7.3	572	2.33	25.3	102.3	6.3	67	2.4	5.1	6.4	40	0.65	0.074
STD DS8	Standard		13.6	109.8	120.1	284	1.7	36.3	7.4	576	2.32	25.1	112.7	6.9	68	2.1	5.2	6.6	42	0.67	0.072
STD DS8	Standard		12.4	101.8	121.2	286	1.6	35.2	7.1	551	2.27	24.0	99.1	6.8	64	2.5	5.5	6.1	38	0.64	0.071
STD DS8	Standard		12.4	107.3	114.8	271	1.5	36.2	6.2	520	2.09	22.2	93.7	6.6	62	2.0	5.2	5.2	36	0.62	0.070
STD DS8	Standard		14.4	125.4	116.0	341	1.9	38.4	8.2	698	2.70	28.0	133.6	6.6	69	2.5	5.0	6.3	48	0.77	0.082
STD DS8	Standard		14.8	123.6	118.4	348	1.9	41.6	8.7	702	2.72	28.4	118.3	6.8	70	2.5	5.4	6.4	49	0.81	0.086
STD OXH82	Standard	1.305																			
STD OXH82	Standard	1.339																			
STD OXH82	Standard	1.401																			
STD OXH82	Standard	1.374																			
STD OXH82	Standard	1.379																			
STD OXH82	Standard	1.341																			
STD OXH82	Standard	1.299																			
STD OXH82	Standard	1.334																			
STD OXH82	Standard	1.315																			
STD OXH82	Standard	1.320																			
STD OXH82	Standard	1.292																			

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Project: Charlotte Project
Report Date: August 16, 2011

QUALITY CONTROL REPORT WHI11000733.1

		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	16	126	0.61	286	0.144	3	0.95	0.106	0.45	3.0	0.19	2.4	5.1	0.14	5	5.2	5.0
STD DS8	Standard	17	126	0.63	289	0.148	4	0.97	0.099	0.44	3.0	0.20	2.3	5.2	0.16	5	4.5	4.7
STD DS8	Standard	13	109	0.57	249	0.103	3	0.85	0.085	0.40	2.8	0.21	2.0	5.2	0.08	5	4.7	4.5
STD DS8	Standard	15	112	0.56	260	0.114	2	0.86	0.089	0.40	3.0	0.19	2.4	5.3	0.12	5	5.7	5.0
STD DS8	Standard	15	118	0.59	284	0.135	3	0.89	0.090	0.41	3.1	0.20	2.1	5.3	0.16	4	4.4	5.1
STD DS8	Standard	15	119	0.59	282	0.137	2	0.91	0.095	0.42	2.9	0.18	2.1	5.2	0.15	4	5.0	5.0
STD DS8	Standard	15	118	0.62	288	0.116	2	0.95	0.084	0.44	3.1	0.24	2.2	5.8	0.17	5	5.5	5.5
STD DS8	Standard	17	120	0.66	306	0.121	2	0.98	0.092	0.45	3.1	0.24	2.4	6.0	0.19	5	5.6	5.9
STD DS8	Standard	13	113	0.57	258	0.103	2	0.85	0.080	0.38	2.6	0.24	1.6	4.7	0.15	4	5.3	4.7
STD DS8	Standard	14	111	0.59	271	0.105	3	0.84	0.080	0.38	2.8	0.23	1.9	4.7	0.17	4	4.4	4.9
STD DS8	Standard	12	115	0.61	277	0.105	3	0.84	0.079	0.42	2.9	0.21	1.9	5.6	0.15	4	5.0	4.8
STD DS8	Standard	12	114	0.59	269	0.104	4	0.86	0.080	0.41	3.0	0.19	1.8	5.6	0.18	4	5.2	5.1
STD DS8	Standard	14	110	0.59	277	0.109	2	0.96	0.122	0.42	2.6	0.18	2.1	5.2	0.13	5	4.4	4.8
STD DS8	Standard	15	113	0.58	275	0.114	2	0.94	0.146	0.47	2.9	0.20	2.2	5.2	0.13	5	4.3	4.5
STD DS8	Standard	14	108	0.55	263	0.109	3	0.83	0.085	0.39	2.8	0.18	2.1	4.9	0.14	4	4.5	4.8
STD DS8	Standard	14	99	0.50	254	0.110	2	0.79	0.081	0.37	2.6	0.21	2.0	4.6	0.13	4	4.1	4.3
STD DS8	Standard	15	121	0.67	300	0.125	3	1.00	0.101	0.43	3.2	0.18	2.5	6.0	0.22	5	5.1	5.1
STD DS8	Standard	16	130	0.68	313	0.134	2	1.03	0.102	0.46	3.3	0.21	2.4	6.0	0.22	5	5.1	5.1
STD OXH82	Standard																	
STD OXH82	Standard																	
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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 16, 2011

QUALITY CONTROL REPORT WHI11000733.1

		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 OXH82	Standard	1.264																			
STD OXH82	Standard	1.289																			
STD OXH82	Standard	1.259																			
STD OXH82	Standard	1.330																			
STD OXH82	Standard	1.364																			
STD OXH82	Standard	1.319																			
STD OXH82	Standard	1.307																			
STD OXH82	Standard	1.324																			
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																			
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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

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QUALITY CONTROL REPORT WHI11000733.1

		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 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																	
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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

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		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
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	<0.005																			
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
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

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		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
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																	
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

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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: July 25, 2011
Report Date: August 10, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI11000734.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-013
P.O. Number
Number of Samples: 77

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	77	Dry at 60C			WHI
SS80	77	Dry at 60C sieve 100g to -80 mesh			WHI
RJSV	77	Saving all or part of Soil Reject			WHI
1DX2	72	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
Nicola Struyk

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000734.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	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	1
20110632	Soil	4.2	69.1	28.8	41	1.2	7.6	3.1	99	1.76	23.8	29.0	2.9	21	0.2	6.1	5.7	28	0.18	0.067	12
20110633	Soil	35.7	234.3	345.1	83	5.6	9.6	2.4	89	3.89	158.6	148.1	6.2	76	0.4	29.6	42.5	24	0.12	0.155	29
20110634	Soil	5.2	92.9	8.7	40	0.9	9.9	4.0	146	2.12	13.5	15.9	1.9	13	0.2	1.4	1.7	37	0.11	0.036	8
20110635	Soil	4.4	51.4	7.1	22	0.7	5.7	3.0	64	1.34	3.7	2.0	0.2	11	0.2	0.8	0.7	41	0.12	0.062	4
20110636	Soil	23.7	290.6	52.4	111	3.8	14.2	5.3	185	3.40	34.4	51.7	5.7	47	0.3	7.5	3.6	38	0.15	0.076	19
20110637	Soil	1.9	22.7	6.4	24	0.2	4.5	2.8	69	1.34	3.1	3.2	0.2	10	0.1	0.8	0.6	40	0.11	0.051	5
20110638	Soil	21.3	53.0	108.2	28	1.9	13.7	2.8	128	1.24	25.9	70.1	0.6	23	0.5	4.4	2.7	25	0.11	0.074	7
20110639	Soil	12.8	21.1	17.4	53	1.0	18.5	5.1	174	3.42	19.8	11.7	3.0	16	0.2	5.6	1.2	64	0.10	0.036	8
20110640	Soil	22.4	50.4	36.7	37	1.2	23.4	3.2	112	2.63	34.2	21.8	3.4	45	0.1	6.3	6.8	35	0.09	0.055	12
20110641	Soil	3.7	27.1	22.7	38	0.5	13.1	5.8	145	2.38	22.9	6.2	3.9	25	0.1	4.9	2.9	41	0.11	0.030	9
20110644	Soil	0.6	9.5	12.7	35	0.1	8.1	3.5	135	1.47	18.3	9.6	1.3	15	0.2	1.0	0.2	34	0.19	0.038	7
20110645	Soil	0.3	46.3	17.2	27	0.6	9.2	4.2	127	0.91	4.0	4.0	0.1	16	0.6	1.1	0.3	33	0.19	0.079	9
20110646	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110647	Soil	4.6	53.9	55.4	90	0.7	8.4	4.6	189	1.80	32.9	7.2	4.2	17	0.9	4.8	0.9	26	0.21	0.067	11
20110648	Soil	4.2	155.4	35.0	75	1.8	10.1	4.6	178	1.93	54.4	38.2	2.6	16	0.6	5.8	0.8	33	0.17	0.052	15
20110649	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110651	Soil	9.9	48.9	517.0	423	2.4	24.1	7.9	1178	3.06	385.3	43.2	1.5	20	5.6	5.2	0.7	40	0.30	0.074	14
20110652	Soil	15.0	147.3	77.8	113	1.0	11.2	9.0	405	2.33	39.0	9.8	4.4	14	0.4	2.9	0.7	32	0.12	0.047	14
20110653	Soil	4.7	61.1	82.4	135	1.8	12.6	6.1	248	1.76	77.7	24.0	4.2	20	0.6	3.0	1.5	26	0.23	0.064	20
20110654	Soil	6.8	40.1	308.4	96	1.5	8.8	3.8	119	2.69	37.0	20.0	4.4	30	0.3	3.4	3.9	24	0.17	0.072	10
20110655	Soil	8.1	47.1	27.2	79	1.3	8.6	3.8	156	1.76	25.9	20.4	2.4	20	0.5	4.6	5.3	28	0.16	0.055	10
20110656	Soil	6.0	49.0	15.4	36	0.7	6.5	2.8	87	1.38	12.5	27.3	1.5	16	0.2	4.2	2.4	29	0.16	0.050	9
20110657	Soil	29.3	156.7	142.4	83	3.0	8.6	4.1	175	2.39	58.9	47.1	2.6	27	0.5	22.0	11.5	29	0.14	0.072	13
20110658	Soil	21.7	107.4	76.7	95	2.4	12.4	5.6	236	2.26	27.5	41.4	2.3	21	0.7	6.0	4.8	34	0.13	0.056	10
20110659	Soil	7.5	59.6	77.8	96	1.8	7.2	3.9	238	1.69	24.2	27.0	0.5	15	1.3	3.9	2.0	33	0.15	0.062	7
20110660	Soil	20.9	70.3	138.2	76	2.6	9.1	5.6	379	2.24	69.6	24.8	1.9	22	0.9	17.6	5.4	37	0.12	0.053	9
20110661	Soil	46.0	454.8	273.3	802	2.9	11.8	8.5	600	5.47	120.3	24.1	10.2	61	3.5	31.4	5.2	18	0.13	0.132	26
20110662	Soil	7.2	44.0	19.6	42	0.3	17.2	6.7	287	2.07	15.3	23.0	3.6	20	0.2	3.2	1.3	35	0.18	0.067	11
20110663	Soil	22.2	69.7	22.4	34	0.6	7.4	3.9	99	3.31	19.1	12.7	6.7	41	0.1	7.9	3.3	28	0.12	0.066	24

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000734.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	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
		MDL	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
20110632	Soil		17	0.30	182	0.037	<1	0.94	0.012	0.06	0.6	0.05	1.7	0.1	<0.05	3	0.5	0.6
20110633	Soil		21	0.15	266	0.011	1	0.69	0.022	0.39	1.4	0.08	1.4	0.7	0.85	3	1.6	5.3
20110634	Soil		20	0.27	60	0.049	1	1.27	0.009	0.05	0.2	0.04	1.5	0.1	<0.05	4	<0.5	<0.2
20110635	Soil		10	0.07	27	0.045	<1	0.40	0.013	0.02	<0.1	0.03	0.5	<0.1	<0.05	2	<0.5	<0.2
20110636	Soil		22	0.34	211	0.035	<1	1.20	0.037	0.17	0.3	0.02	2.6	0.3	0.26	4	1.2	<0.2
20110637	Soil		9	0.07	48	0.043	<1	0.48	0.012	0.02	<0.1	<0.01	0.5	<0.1	<0.05	3	<0.5	<0.2
20110638	Soil		23	0.06	207	0.020	<1	0.55	0.015	0.06	0.1	0.02	0.6	<0.1	0.07	3	0.5	0.4
20110639	Soil		39	0.34	118	0.080	<1	1.67	0.011	0.07	0.3	0.06	2.1	0.1	<0.05	8	<0.5	<0.2
20110640	Soil		41	0.20	224	0.052	1	0.91	0.028	0.18	0.5	0.02	1.3	0.2	0.28	4	0.5	0.5
20110641	Soil		24	0.34	195	0.053	<1	1.52	0.015	0.09	0.3	0.01	2.4	<0.1	0.11	4	0.5	<0.2
20110644	Soil		14	0.25	84	0.044	<1	0.69	0.010	0.05	0.1	0.01	1.2	<0.1	<0.05	4	<0.5	<0.2
20110645	Soil		21	0.25	170	0.010	<1	1.18	0.010	0.04	0.1	0.03	0.6	<0.1	<0.05	3	<0.5	<0.2
20110646	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.
20110647	Soil		15	0.29	103	0.039	1	0.78	0.010	0.07	0.3	<0.01	1.7	<0.1	<0.05	3	0.7	<0.2
20110648	Soil		19	0.33	154	0.022	<1	1.43	0.009	0.05	0.1	0.12	2.5	0.2	<0.05	4	<0.5	<0.2
20110649	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.
20110651	Soil		39	0.23	265	0.034	1	1.01	0.010	0.08	0.2	0.01	1.7	0.1	0.05	5	<0.5	<0.2
20110652	Soil		17	0.35	81	0.033	<1	1.13	0.008	0.07	0.2	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
20110653	Soil		21	0.30	433	0.025	<1	1.11	0.008	0.06	0.1	<0.01	2.7	0.1	<0.05	3	<0.5	0.6
20110654	Soil		16	0.26	294	0.035	<1	0.75	0.013	0.23	0.2	<0.01	1.5	0.2	0.31	2	<0.5	0.4
20110655	Soil		16	0.25	178	0.036	<1	0.78	0.012	0.07	0.2	0.03	1.3	<0.1	<0.05	3	<0.5	0.5
20110656	Soil		14	0.24	90	0.039	1	0.61	0.011	0.05	0.3	<0.01	1.1	<0.1	<0.05	3	<0.5	0.3
20110657	Soil		16	0.22	250	0.025	<1	0.81	0.018	0.14	0.3	0.04	1.5	0.2	0.21	3	0.9	1.5
20110658	Soil		21	0.25	133	0.033	<1	0.96	0.014	0.09	0.4	0.03	1.6	0.1	0.10	4	0.6	0.5
20110659	Soil		14	0.18	167	0.029	<1	1.04	0.020	0.05	0.1	0.02	1.2	0.1	0.05	4	<0.5	<0.2
20110660	Soil		18	0.26	196	0.037	1	0.94	0.015	0.10	0.2	0.02	1.2	0.1	0.14	4	<0.5	0.5
20110661	Soil		12	0.12	332	0.012	<1	0.59	0.017	0.23	0.2	0.02	2.2	0.3	0.44	2	1.1	1.0
20110662	Soil		28	0.36	148	0.049	<1	1.21	0.015	0.10	0.2	<0.01	1.8	<0.1	0.09	3	<0.5	<0.2
20110663	Soil		16	0.26	303	0.033	<1	0.94	0.010	0.15	0.2	0.01	1.6	0.1	0.19	3	<0.5	0.2

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000734.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL	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	1
[redacted]																				
20110001	Soil	5.2	105.7	20.5	49	0.3	9.1	6.6	247	3.21	28.1	30.7	5.1	31	0.2	2.7	9.0	46	0.20	0.086	12
20110002	Soil	1.0	76.0	22.2	57	1.1	12.3	5.3	152	2.53	23.2	16.6	4.6	27	0.2	1.3	7.9	39	0.21	0.056	12
20110003	Soil	1.1	90.1	21.8	47	1.0	8.6	4.7	140	2.45	17.3	12.3	4.5	28	0.1	1.8	8.4	32	0.19	0.069	13
20110004	Soil	0.8	22.0	10.4	33	0.2	8.3	4.2	154	1.88	8.2	17.3	4.1	18	<0.1	1.2	2.4	33	0.22	0.063	12
20110005	Soil	1.7	22.6	18.5	35	0.4	7.9	3.8	114	2.40	12.4	60.2	3.9	21	0.1	2.8	4.5	35	0.17	0.068	17
20110006	Soil	1.5	16.8	22.6	33	0.3	7.8	3.6	109	2.49	13.4	15.6	5.0	22	<0.1	3.6	3.6	35	0.19	0.075	14
20110007	Soil	2.6	37.6	33.6	46	0.4	8.2	4.0	120	3.33	21.9	69.7	6.4	51	0.1	6.7	6.2	32	0.14	0.113	15
20110008	Soil	5.4	46.8	38.2	59	0.6	6.6	4.6	135	5.07	45.4	215.3	12.3	64	0.1	12.8	14.5	16	0.08	0.099	19
20110009	Soil	2.2	38.0	18.9	50	0.3	10.3	5.0	143	3.17	29.8	47.9	5.9	31	<0.1	8.8	4.2	36	0.18	0.074	17
20110010	Soil	3.3	36.6	20.6	42	0.5	8.2	4.5	160	3.41	31.6	29.8	4.3	70	0.1	13.7	2.5	27	0.11	0.067	15

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Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	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
MDL	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
[redacted]																
20110001	Soil	18	0.41	111	0.061	<1	1.01	0.015	0.09	0.5	0.01	2.2	0.1	<0.05	4	<0.5	0.5
20110002	Soil	23	0.45	128	0.059	<1	1.30	0.013	0.08	0.2	0.03	2.5	0.1	<0.05	4	0.6	0.3
20110003	Soil	16	0.35	119	0.045	<1	0.93	0.014	0.06	0.2	0.01	1.7	0.1	<0.05	3	<0.5	0.3
20110004	Soil	16	0.30	77	0.050	<1	0.72	0.011	0.05	0.2	0.01	1.4	<0.1	<0.05	2	<0.5	<0.2
20110005	Soil	17	0.31	116	0.036	<1	0.98	0.010	0.06	0.2	0.03	1.8	0.2	<0.05	3	<0.5	0.3
20110006	Soil	17	0.33	135	0.039	1	0.91	0.010	0.07	0.2	0.03	1.7	0.2	<0.05	3	<0.5	0.4
20110007	Soil	19	0.30	271	0.018	<1	1.02	0.015	0.15	0.1	0.13	2.3	0.3	0.16	3	0.9	0.3
20110008	Soil	12	0.14	131	0.008	<1	0.55	0.028	0.49	0.1	0.06	1.2	0.6	1.04	2	0.7	1.5
20110009	Soil	20	0.38	241	0.038	<1	1.08	0.012	0.12	0.2	0.08	2.3	0.2	0.06	3	0.9	0.2
20110010	Soil	16	0.24	209	0.013	<1	0.93	0.016	0.19	0.1	0.09	1.5	0.3	0.29	3	2.1	0.4

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

Project: Charlotte Project
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000734.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	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	1
20110012	Soil	3.4	30.5	18.9	42	0.2	10.0	4.2	139	3.69	17.9	32.4	4.5	59	0.1	5.1	2.0	26	0.15	0.073	14
20110013	Soil	2.0	22.2	25.4	41	0.3	13.2	5.5	187	2.43	16.4	21.7	3.3	34	0.2	4.9	1.7	48	0.17	0.049	14
20110014	Soil	1.0	25.1	14.0	42	0.2	9.3	7.5	213	2.99	9.5	9.1	3.4	28	0.2	1.3	1.0	69	0.18	0.081	12
20110015	Soil	0.9	33.7	15.5	39	0.2	10.4	6.0	188	3.26	16.7	53.2	9.4	87	0.2	0.7	3.4	42	0.16	0.057	24
20110016	Soil	1.4	21.0	20.9	36	0.4	6.2	4.4	102	2.94	29.0	88.6	8.4	47	0.1	2.7	5.9	24	0.12	0.061	21
20110017	Soil	1.0	30.3	20.5	34	0.4	8.7	4.8	149	3.02	19.2	38.0	5.8	29	0.2	7.0	5.0	42	0.11	0.048	13
20110018	Soil	1.0	36.7	19.5	34	0.3	8.5	4.2	116	2.29	14.3	22.2	2.2	30	0.1	1.4	4.5	45	0.14	0.043	13

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000734.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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
	MDL	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
20110012	Soil	18	0.25	269	0.016	<1	0.77	0.028	0.26	0.1	0.05	1.4	0.3	0.54	3	3.2	<0.2
20110013	Soil	26	0.37	152	0.054	<1	1.05	0.013	0.09	0.2	0.03	2.0	0.1	<0.05	5	0.9	<0.2
20110014	Soil	20	0.30	185	0.054	<1	1.48	0.017	0.07	0.2	0.03	2.1	0.1	<0.05	6	<0.5	<0.2
20110015	Soil	20	0.51	196	0.026	<1	1.54	0.056	0.12	0.1	0.01	2.6	0.2	0.22	5	<0.5	0.3
20110016	Soil	11	0.21	183	0.015	<1	0.71	0.018	0.12	0.1	0.02	1.5	0.2	0.16	2	<0.5	0.5
20110017	Soil	16	0.32	155	0.040	<1	0.97	0.022	0.09	0.2	0.02	1.9	0.2	0.09	4	<0.5	0.3
20110018	Soil	17	0.30	159	0.033	<1	1.29	0.014	0.06	0.1	0.01	2.0	0.2	0.08	5	<0.5	0.2

[redacted]

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 10, 2011

QUALITY CONTROL REPORT WHI11000734.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	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	1
Pulp Duplicates																					
20110641	Soil	3.7	27.1	22.7	38	0.5	13.1	5.8	145	2.38	22.9	6.2	3.9	25	0.1	4.9	2.9	41	0.11	0.030	9
REP 20110641	QC	3.8	26.6	21.8	37	0.6	13.0	5.8	142	2.40	22.7	13.9	3.6	24	0.1	4.9	2.8	42	0.10	0.030	9
20110648	Soil	4.2	155.4	35.0	75	1.8	10.1	4.6	178	1.93	54.4	38.2	2.6	16	0.6	5.8	0.8	33	0.17	0.052	15
REP 20110648	QC	4.2	149.1	34.5	74	1.7	10.0	4.4	183	1.87	51.5	38.2	2.6	15	0.6	5.8	0.5	32	0.16	0.054	15
20110002	Soil	1.0	76.0	22.2	57	1.1	12.3	5.3	152	2.53	23.2	16.6	4.6	27	0.2	1.3	7.9	39	0.21	0.056	12
REP 20110002	QC	1.1	74.6	23.0	59	1.1	12.3	5.4	154	2.61	24.2	24.1	4.9	27	0.1	1.3	7.7	40	0.21	0.061	12
Reference Materials																					
STD DS8	Standard	11.2	104.5	120.4	302	1.6	37.2	7.0	570	2.37	27.3	97.7	6.2	60	2.2	5.3	6.0	40	0.62	0.082	12
STD DS8	Standard	12.0	100.3	119.7	292	1.6	35.3	7.0	573	2.40	25.7	112.7	6.3	60	2.2	5.5	5.9	37	0.65	0.082	13
STD DS8	Standard	14.2	125.8	134.0	344	2.0	43.1	8.6	682	2.75	28.8	124.9	7.3	75	2.4	6.6	7.3	49	0.73	0.091	15
STD DS8	Standard	13.9	120.9	126.8	330	1.9	41.0	8.1	642	2.57	27.3	113.4	7.2	72	2.2	6.4	7.1	45	0.72	0.084	15
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	14.6
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.04	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
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	<1

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 10, 2011

QUALITY CONTROL REPORT WHI11000734.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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
	MDL	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																	
20110641	Soil	24	0.34	195	0.053	<1	1.52	0.015	0.09	0.3	0.01	2.4	<0.1	0.11	4	0.5	<0.2
REP 20110641	QC	24	0.33	193	0.051	<1	1.49	0.015	0.08	0.2	0.04	2.3	<0.1	0.07	4	<0.5	<0.2
20110648	Soil	19	0.33	154	0.022	<1	1.43	0.009	0.05	0.1	0.12	2.5	0.2	<0.05	4	<0.5	<0.2
REP 20110648	QC	19	0.31	147	0.019	<1	1.33	0.008	0.05	0.2	0.11	2.2	0.2	<0.05	4	<0.5	<0.2
[redacted]																	
20110002	Soil	23	0.45	128	0.059	<1	1.30	0.013	0.08	0.2	0.03	2.5	0.1	<0.05	4	0.6	0.3
REP 20110002	QC	24	0.46	129	0.061	<1	1.33	0.014	0.08	0.2	0.03	2.4	0.1	<0.05	4	<0.5	<0.2
Reference Materials																	
STD DS8	Standard	108	0.57	268	0.098	2	0.86	0.084	0.39	2.8	0.16	1.9	5.0	0.15	4	5.2	4.7
STD DS8	Standard	109	0.59	282	0.105	2	0.87	0.082	0.39	2.9	0.17	2.1	5.1	0.15	5	5.4	4.9
STD DS8	Standard	137	0.68	290	0.141	2	1.00	0.098	0.47	3.0	0.22	2.4	5.7	0.17	5	5.1	6.0
STD DS8	Standard	126	0.65	295	0.135	3	0.96	0.094	0.43	2.9	0.22	2.1	5.6	0.13	5	4.7	5.9
STD DS8 Expected		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	<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	<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

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Client: **Coast Mountain Geological**
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PO Box 11604
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Submitted By: Gary Schellenberg
Receiving Lab: Canada-Whitehorse
Received: July 29, 2011
Report Date: September 04, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI11000932.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-017
P.O. Number
Number of Samples: 322

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	321	Dry at 60C			WHI
SS80	321	Dry at 60C sieve 100g to -80 mesh			WHI
RJSV	321	Saving all or part of Soil Reject			WHI
1DX2	318	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: Nicola Struyk
Bernie Dewonek
Peter Dadson

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: Charlotte Project
Report Date: September 04, 2011

CERTIFICATE OF ANALYSIS WHI11000932.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		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	1
[redacted]																					
20110025	Soil	1.8	23.6	25.2	27	0.9	6.2	5.4	446	1.92	13.7	7.6	0.1	20	1.3	2.1	0.3	22	0.21	0.167	5
20110026	Soil	0.4	13.1	12.5	47	0.2	5.2	4.5	510	1.36	5.2	2.9	0.3	22	0.9	0.8	0.2	46	0.36	0.098	4
20110027	Soil	0.5	14.9	7.4	49	0.2	6.9	5.8	258	2.07	5.8	1.3	0.4	17	0.5	0.4	<0.1	72	0.25	0.065	3
20110028	Soil	1.5	28.1	97.9	251	1.3	12.4	8.4	582	2.19	66.1	9.7	0.6	46	3.9	2.4	0.8	45	0.57	0.102	6
20110029	Soil	1.3	9.5	6.1	27	0.3	9.0	4.9	494	1.18	4.1	1.4	0.2	14	0.5	0.2	<0.1	40	0.20	0.054	2
20110030	Soil	2.2	20.9	248.7	350	0.8	13.1	7.4	585	2.79	208.3	110.4	2.6	22	4.3	3.9	0.3	47	0.30	0.066	10
20110031	Soil	0.1	4.4	3.7	13	0.2	1.8	1.9	91	0.66	21.5	2.6	0.1	11	0.2	0.3	<0.1	17	0.14	0.045	2
20110032	Soil	5.4	47.8	24.5	69	0.8	14.6	37.3	>10000	2.56	20.1	13.3	0.4	60	7.2	1.5	0.1	32	0.66	0.218	13
20110033	Soil	0.7	13.4	16.0	23	0.5	5.3	13.6	1396	1.73	16.0	4.0	0.4	21	1.0	0.4	<0.1	45	0.24	0.079	4
20110034	Soil	0.4	17.0	30.7	93	1.2	12.8	8.5	322	2.30	53.9	29.6	1.5	31	0.4	1.4	0.3	62	0.34	0.076	9
20110035	Soil	0.3	16.2	5.7	35	0.2	8.8	4.5	136	1.46	6.3	3.4	0.6	27	<0.1	0.5	<0.1	41	0.33	0.070	7
20110036	Soil	0.5	21.2	7.9	31	0.2	5.9	8.6	1461	1.07	7.0	4.2	0.1	43	1.1	0.8	<0.1	36	0.53	0.078	7
20110037	Soil	0.5	16.9	12.8	46	0.3	15.1	8.3	330	2.09	23.4	9.0	2.2	21	0.2	1.0	0.1	49	0.25	0.049	10
20110038	Soil	0.7	20.2	35.9	75	0.7	13.7	11.2	367	2.28	41.4	28.0	2.7	17	0.2	2.5	0.2	47	0.21	0.044	10
20110039	Soil	1.1	14.2	6.5	32	0.5	5.6	23.3	4842	1.23	29.9	4.6	<0.1	24	0.9	0.9	<0.1	24	0.28	0.075	4
20110040	Soil	0.9	19.5	23.0	70	0.5	17.0	11.0	392	3.00	49.4	11.7	2.4	29	0.3	1.5	0.2	67	0.33	0.045	11
20110041	Soil	0.9	16.0	9.1	43	0.1	10.8	7.2	301	2.47	24.2	3.6	0.9	21	<0.1	1.6	0.1	60	0.24	0.058	7
20110042	Soil	1.1	16.5	28.9	72	0.6	11.3	11.4	1910	1.25	14.9	9.2	0.3	47	2.6	1.0	<0.1	31	0.49	0.089	8
20110043	Soil	0.7	19.8	8.1	63	0.4	7.3	4.7	1907	1.08	24.8	8.8	0.2	28	0.9	1.4	<0.1	31	0.37	0.115	6
20110044	Soil	0.8	19.3	21.4	102	0.3	11.8	7.7	1398	2.03	92.4	8.8	0.4	30	0.9	2.1	0.2	49	0.41	0.110	9
20110045	Soil	1.7	32.6	129.5	87	1.2	12.4	29.8	4228	1.25	63.7	21.1	0.2	61	2.3	3.5	0.1	24	0.72	0.164	15
20110046	Soil	1.0	18.9	10.5	47	0.1	13.0	9.1	386	2.23	33.8	6.4	1.1	18	0.2	1.1	0.3	55	0.24	0.071	9
20110047	Soil	0.4	12.4	4.1	25	<0.1	4.6	4.4	122	1.33	4.4	0.6	0.1	13	<0.1	0.3	0.1	41	0.17	0.056	3
20110048	Soil	0.6	14.7	7.7	41	0.1	12.1	6.8	236	2.04	15.1	4.7	0.8	25	0.3	0.7	0.2	51	0.29	0.051	8

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 04, 2011

CERTIFICATE OF ANALYSIS WHI11000932.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		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
MDL		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
[redacted]																	
20110025	Soil	9	0.07	106	0.008	1	0.46	0.015	0.02	<0.1	0.12	0.9	0.1	0.18	1	<0.5	<0.2
20110026	Soil	7	0.11	78	0.046	1	0.38	0.020	0.02	<0.1	0.02	0.9	<0.1	0.07	2	<0.5	<0.2
20110027	Soil	11	0.15	60	0.079	<1	0.39	0.018	0.02	<0.1	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
20110028	Soil	18	0.33	220	0.025	<1	1.35	0.020	0.05	0.1	0.06	1.7	0.2	0.08	5	<0.5	<0.2
20110029	Soil	14	0.07	33	0.048	<1	0.22	0.018	<0.01	<0.1	0.01	0.6	<0.1	<0.05	2	<0.5	<0.2
20110030	Soil	22	0.43	138	0.038	<1	1.06	0.013	0.06	0.2	0.03	2.6	0.1	<0.05	4	<0.5	<0.2
20110031	Soil	3	0.06	23	0.032	<1	0.21	0.031	0.02	<0.1	0.01	0.3	<0.1	<0.05	1	<0.5	<0.2
20110032	Soil	20	0.16	304	0.016	2	1.36	0.020	0.02	0.1	0.10	1.5	0.3	0.21	4	<0.5	<0.2
20110033	Soil	12	0.11	97	0.053	<1	0.55	0.024	0.02	0.1	0.05	0.9	<0.1	0.07	3	<0.5	<0.2
20110034	Soil	29	0.69	142	0.053	<1	2.07	0.016	0.08	0.1	0.05	2.7	0.2	<0.05	6	<0.5	<0.2
20110035	Soil	16	0.30	102	0.049	<1	0.92	0.024	0.04	0.2	0.04	1.5	<0.1	<0.05	3	<0.5	<0.2
20110036	Soil	7	0.12	120	0.040	1	0.46	0.021	0.03	<0.1	0.06	1.0	0.1	0.13	2	<0.5	<0.2
20110037	Soil	25	0.49	106	0.067	<1	1.45	0.015	0.11	0.1	0.02	2.5	0.1	<0.05	4	<0.5	<0.2
20110038	Soil	22	0.45	91	0.059	<1	1.57	0.013	0.10	0.2	0.02	2.8	0.1	<0.05	4	<0.5	<0.2
20110039	Soil	6	0.06	186	0.027	<1	0.34	0.024	0.02	<0.1	0.06	0.8	0.1	0.09	2	<0.5	<0.2
20110040	Soil	30	0.64	160	0.075	<1	2.29	0.015	0.13	0.2	0.07	3.8	0.2	<0.05	7	<0.5	<0.2
20110041	Soil	19	0.52	116	0.058	<1	1.20	0.015	0.17	0.1	0.05	2.6	0.2	<0.05	5	<0.5	<0.2
20110042	Soil	16	0.24	220	0.037	2	0.81	0.022	0.09	0.1	0.10	1.6	0.2	0.11	3	<0.5	<0.2
20110043	Soil	11	0.19	120	0.022	<1	0.76	0.022	0.03	0.1	0.03	0.9	<0.1	0.08	3	<0.5	<0.2
20110044	Soil	22	0.45	162	0.031	1	1.35	0.018	0.05	0.2	0.03	1.6	0.1	0.07	5	<0.5	<0.2
20110045	Soil	15	0.22	250	0.020	3	1.14	0.025	0.04	0.1	0.18	1.1	0.3	0.20	3	0.9	<0.2
20110046	Soil	23	0.33	102	0.047	<1	1.31	0.018	0.07	0.4	0.02	1.7	0.1	<0.05	5	<0.5	<0.2
20110047	Soil	8	0.14	36	0.045	<1	0.46	0.019	0.02	<0.1	0.02	0.6	<0.1	<0.05	2	<0.5	<0.2
20110048	Soil	21	0.41	112	0.049	<1	1.19	0.015	0.07	0.2	0.05	1.7	0.1	<0.05	5	<0.5	<0.2

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Project: Charlotte Project
Report Date: September 04, 2011

CERTIFICATE OF ANALYSIS WHI11000932.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		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	1
20110049	Soil	0.6	16.0	9.2	45	0.1	12.9	7.3	432	1.85	14.0	8.7	0.8	37	0.2	0.8	0.2	45	0.44	0.068	10
20110050	Soil	0.9	23.8	11.3	46	0.2	15.9	23.0	1581	2.22	24.9	6.2	0.4	56	0.3	1.1	0.2	50	0.63	0.113	14
20110051	Soil	0.7	21.3	9.9	56	0.2	15.5	10.8	541	2.34	24.7	41.1	0.9	44	0.2	0.9	0.2	54	0.50	0.076	12
20110052	Soil	0.7	19.6	9.3	60	0.2	14.9	9.6	488	2.26	25.3	5.1	1.1	40	0.3	0.8	0.2	55	0.43	0.064	9
20110053	Soil	0.7	12.4	6.7	29	0.2	6.6	4.4	119	1.80	9.1	0.6	0.6	9	0.1	0.4	<0.1	49	0.09	0.032	3
20110054	Soil	0.6	13.6	8.3	51	0.1	10.4	5.8	248	1.89	30.0	2.8	0.8	22	0.3	0.7	0.1	51	0.28	0.042	6
20110055	Soil	0.8	9.2	5.8	32	0.2	8.8	4.2	161	1.43	10.7	3.3	0.4	16	0.1	0.5	0.2	40	0.18	0.029	4
20110056	Soil	0.6	12.9	6.0	27	0.2	6.3	7.0	577	1.51	11.3	2.9	0.4	18	0.1	0.4	0.1	41	0.25	0.057	5
20110057	Soil	0.6	27.2	2.5	19	0.3	7.4	1.7	94	0.72	3.3	7.5	0.2	44	0.9	0.6	0.1	15	0.55	0.072	11
20110058	Soil	0.7	14.0	6.7	34	0.2	8.8	5.2	309	1.47	23.1	6.0	0.6	23	0.2	0.7	<0.1	35	0.29	0.056	8
20110059	Soil	0.4	13.0	11.1	105	0.4	9.5	4.8	640	1.52	27.4	16.2	0.7	32	0.6	2.7	<0.1	37	0.42	0.067	6
20110060	Soil	0.7	24.7	28.8	130	0.9	11.2	4.3	1245	0.98	20.7	17.9	0.3	73	1.3	3.1	0.1	20	1.05	0.081	8
20110061	Soil	0.5	20.0	10.2	69	0.3	9.1	5.9	428	1.77	20.9	9.0	0.7	42	0.5	1.4	0.1	37	0.61	0.079	9
20110062	Soil	0.5	8.7	2.2	15	0.1	2.3	2.4	351	0.49	1.5	1.8	<0.1	28	0.3	0.2	<0.1	12	0.47	0.055	2
20110063	Soil	0.5	9.3	16.3	76	0.4	8.7	5.1	296	1.78	61.7	12.1	2.8	14	0.4	3.6	<0.1	41	0.24	0.056	10
20110064	Soil	0.9	20.7	23.9	101	1.3	7.8	7.0	3102	1.50	67.6	43.1	0.3	41	1.7	4.2	<0.1	31	0.73	0.103	7
20110065	Soil	0.2	10.6	21.1	55	0.9	4.3	2.6	93	1.07	13.2	13.1	0.2	21	0.3	1.6	<0.1	33	0.36	0.046	4
20110066	Soil	0.3	13.1	26.6	65	1.1	5.2	3.0	123	1.17	19.4	14.8	0.3	25	0.4	2.1	<0.1	34	0.43	0.053	5
20110067	Soil	0.5	22.7	86.0	225	2.7	10.4	5.8	520	2.16	176.9	78.9	0.8	50	1.4	10.8	<0.1	33	1.15	0.074	12
20110068	Soil	0.5	15.0	53.8	142	1.2	9.1	5.8	1331	1.80	92.5	63.9	1.3	30	1.2	7.1	<0.1	38	0.51	0.062	10
20110069	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110070	Soil	0.3	7.3	9.3	46	<0.1	6.9	4.6	256	1.56	19.0	10.3	2.0	22	0.1	1.6	<0.1	38	0.31	0.039	9
20110071	Soil	0.5	19.9	11.8	79	0.4	9.3	6.7	579	1.69	23.8	12.7	0.7	46	0.5	1.4	0.1	33	0.65	0.078	11
20110072	Soil	0.4	15.4	12.0	107	0.5	10.0	6.5	676	1.79	28.6	17.0	0.8	43	0.6	1.9	<0.1	40	0.58	0.068	8
20110073	Soil	0.4	10.2	7.7	37	0.1	8.5	4.8	226	1.55	14.9	42.1	1.4	24	0.1	0.7	0.1	37	0.32	0.037	8
20110074	Soil	0.5	11.8	6.7	42	0.1	9.4	5.9	311	1.93	17.5	4.1	1.7	23	<0.1	0.8	<0.1	48	0.34	0.051	10
20110075	Soil	0.6	19.2	5.4	33	0.2	7.2	4.6	353	1.07	13.0	5.0	0.2	31	0.4	0.6	<0.1	24	0.39	0.058	7
20110076	Soil	0.3	7.5	1.5	6	<0.1	1.9	0.9	50	0.39	1.8	1.8	0.1	13	<0.1	0.1	<0.1	9	0.14	0.032	4
20110077	Soil	0.7	14.3	4.9	33	0.5	8.5	4.0	140	1.42	7.8	3.7	0.2	25	0.4	0.4	<0.1	37	0.31	0.080	6
20110078	Soil	0.6	12.4	6.4	40	0.3	9.8	5.1	207	1.55	17.6	9.5	0.5	22	0.2	0.5	0.1	39	0.28	0.061	7

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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
	MDL	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
20110049	Soil	21	0.43	137	0.046	1	1.26	0.015	0.08	0.2	0.04	1.9	<0.1	<0.05	4	<0.5	<0.2
20110050	Soil	26	0.50	230	0.035	1	1.79	0.018	0.07	0.2	0.10	2.4	0.2	0.12	5	<0.5	<0.2
20110051	Soil	28	0.57	204	0.050	1	1.92	0.018	0.09	0.2	0.06	2.7	0.1	<0.05	6	<0.5	<0.2
20110052	Soil	25	0.52	175	0.056	<1	1.80	0.020	0.10	0.2	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
20110053	Soil	14	0.18	48	0.056	<1	0.91	0.017	0.04	0.2	0.03	1.0	<0.1	<0.05	4	<0.5	<0.2
20110054	Soil	19	0.40	125	0.055	<1	1.18	0.021	0.07	0.1	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
20110055	Soil	15	0.21	74	0.049	1	0.81	0.020	0.05	0.1	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
20110056	Soil	11	0.21	84	0.043	1	0.89	0.029	0.04	<0.1	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
20110057	Soil	9	0.09	95	0.018	2	0.51	0.028	0.02	<0.1	0.07	0.9	<0.1	0.13	1	<0.5	<0.2
20110058	Soil	15	0.28	91	0.032	1	0.86	0.022	0.05	0.2	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
20110059	Soil	16	0.33	130	0.042	1	1.06	0.024	0.06	0.1	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
20110060	Soil	10	0.15	177	0.021	2	0.69	0.026	0.04	<0.1	0.13	1.2	0.1	0.09	2	<0.5	<0.2
20110061	Soil	17	0.31	153	0.024	<1	1.27	0.021	0.05	0.2	0.06	2.2	0.1	<0.05	4	<0.5	<0.2
20110062	Soil	4	0.06	63	0.014	<1	0.38	0.039	0.02	<0.1	0.03	0.3	<0.1	<0.05	2	<0.5	<0.2
20110063	Soil	16	0.28	83	0.033	<1	0.76	0.011	0.05	0.3	0.01	1.3	0.1	<0.05	2	<0.5	<0.2
20110064	Soil	10	0.14	217	0.018	<1	0.88	0.027	0.03	<0.1	0.14	1.5	0.2	0.07	3	<0.5	<0.2
20110065	Soil	6	0.09	49	0.041	<1	0.39	0.034	0.02	<0.1	0.07	0.8	<0.1	<0.05	2	<0.5	<0.2
20110066	Soil	7	0.10	60	0.038	<1	0.45	0.034	0.03	<0.1	0.09	1.0	<0.1	<0.05	2	<0.5	<0.2
20110067	Soil	16	0.33	282	0.004	2	1.44	0.015	0.10	0.2	0.20	3.8	0.5	0.09	4	<0.5	<0.2
20110068	Soil	17	0.35	180	0.020	<1	1.47	0.016	0.06	0.2	0.16	3.0	0.4	<0.05	4	<0.5	<0.2
20110069	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.
20110070	Soil	15	0.33	83	0.044	<1	0.83	0.015	0.04	0.2	<0.01	1.6	<0.1	<0.05	3	<0.5	<0.2
20110071	Soil	17	0.34	205	0.025	<1	1.66	0.027	0.07	<0.1	0.08	3.1	0.2	0.08	5	<0.5	<0.2
20110072	Soil	17	0.33	162	0.039	<1	1.37	0.025	0.07	0.2	0.05	2.4	0.1	<0.05	4	<0.5	<0.2
20110073	Soil	16	0.31	108	0.052	<1	1.05	0.021	0.05	0.2	0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
20110074	Soil	19	0.40	106	0.058	<1	1.17	0.023	0.06	0.2	0.01	1.9	<0.1	<0.05	4	<0.5	<0.2
20110075	Soil	11	0.20	118	0.027	1	0.96	0.033	0.05	<0.1	0.04	1.1	<0.1	<0.05	3	<0.5	<0.2
20110076	Soil	4	0.06	44	0.017	<1	0.38	0.041	0.02	<0.1	0.02	0.4	<0.1	<0.05	1	<0.5	<0.2
20110077	Soil	14	0.21	105	0.038	<1	1.05	0.029	0.05	0.1	0.07	1.0	<0.1	<0.05	3	<0.5	<0.2
20110078	Soil	16	0.29	131	0.043	<1	1.27	0.020	0.05	0.1	0.03	1.5	0.1	<0.05	4	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	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	1
20110079	Soil	0.7	8.7	9.2	31	<0.1	8.5	5.0	224	1.98	8.4	0.8	1.6	11	0.1	0.3	<0.1	48	0.15	0.041	8
20110080	Soil	1.1	12.7	9.1	40	0.1	13.3	4.8	181	1.59	11.7	4.1	0.7	17	0.3	0.5	0.1	46	0.20	0.033	6
20110081	Soil	0.8	13.4	10.2	45	0.2	11.4	5.3	180	1.57	10.5	12.1	0.3	23	0.4	0.5	0.2	39	0.26	0.060	6
[redacted]																					
20110083	Soil	0.6	15.3	5.6	36	0.1	9.4	5.3	234	1.67	9.4	1.2	0.6	24	0.3	0.5	0.1	42	0.27	0.049	6
20110084	Soil	0.6	17.4	5.9	36	0.1	10.3	5.2	249	1.50	8.8	2.4	0.4	30	0.4	0.5	0.1	37	0.33	0.062	7
20110085	Soil	0.7	16.7	6.0	25	0.2	8.8	3.6	110	1.08	4.5	2.2	<0.1	32	0.2	0.4	0.1	24	0.32	0.084	8
20110086	Soil	0.8	21.9	9.9	23	0.4	7.9	5.6	439	0.78	5.8	3.5	<0.1	34	0.5	0.5	0.2	14	0.36	0.176	8
20110087	Soil	1.5	36.3	10.7	81	0.6	12.6	16.7	4775	1.12	28.6	79.8	0.2	69	2.5	2.3	<0.1	19	0.86	0.158	21
20110088	Soil	6.3	44.6	11.2	281	1.1	24.4	129.4	>10000	3.94	341.6	37.8	0.6	82	8.2	6.6	0.1	43	1.05	0.137	21
20110089	Soil	1.9	42.3	16.2	59	1.9	16.7	12.1	2446	1.87	27.7	20.7	0.3	73	1.3	2.4	0.1	31	0.84	0.182	27
20110090	Soil	0.8	10.3	7.4	29	<0.1	9.7	5.3	193	1.95	9.7	10.8	1.3	14	0.2	0.6	0.1	56	0.18	0.029	8
20110091	Soil	0.9	15.8	24.6	54	0.1	13.2	14.0	217	2.37	15.2	12.6	1.6	17	0.4	1.1	0.3	48	0.19	0.041	10
20110092	Soil	1.3	11.8	9.2	41	<0.1	11.0	7.6	217	2.09	12.3	6.2	1.3	16	0.2	0.6	0.3	58	0.17	0.034	7
20110093	Soil	0.9	28.7	33.5	113	3.2	14.3	10.9	629	2.06	50.4	29.7	0.8	53	1.0	3.8	0.2	47	0.65	0.077	14
20110094	Soil	1.1	22.5	31.1	59	1.9	14.9	13.3	1024	2.03	21.1	15.3	0.8	47	0.6	2.3	0.2	51	0.54	0.084	11
20110095	Soil	0.8	17.3	7.9	25	0.5	8.3	3.2	134	1.12	5.8	4.1	0.1	21	0.4	0.5	0.1	25	0.20	0.112	6
20110096	Soil	0.7	21.7	23.4	54	0.3	13.5	7.6	313	1.91	14.3	7.0	0.8	21	0.1	0.8	0.2	47	0.23	0.065	8
20110097	Soil	1.0	20.6	12.6	23	0.5	7.3	17.4	1734	1.11	6.3	3.8	0.1	31	0.7	0.4	<0.1	28	0.33	0.102	9
[redacted]																					
20110102	Soil	1.0	14.8	131.4	285	0.8	9.5	7.1	613	2.22	98.8	22.9	1.3	25	4.5	3.3	0.4	49	0.38	0.055	8
20110103	Soil	0.8	21.1	23.8	75	1.3	6.7	1.3	48	0.69	9.4	8.2	0.1	76	4.8	0.8	0.1	16	0.92	0.094	12
20110104	Soil	0.7	14.8	40.6	148	0.8	13.3	4.8	181	2.01	31.0	22.9	2.3	22	0.9	1.9	0.4	45	0.29	0.055	10
20110105	Soil	0.9	31.2	57.6	185	0.9	9.6	6.3	383	2.39	56.6	12.2	1.7	28	0.9	2.9	2.0	47	0.37	0.053	9
[redacted]																					
20110108	Soil	2.4	58.3	20.8	87	1.8	11.4	7.2	905	3.35	52.2	16.0	1.5	24	0.5	6.0	4.5	58	0.22	0.104	9

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Project: Charlotte Project
Report Date: September 04, 2011

CERTIFICATE OF ANALYSIS WHI11000932.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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
	MDL	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
20110079	Soil	17	0.21	62	0.053	<1	1.62	0.013	0.04	0.2	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
20110080	Soil	22	0.30	87	0.061	<1	1.15	0.021	0.06	0.1	0.04	1.4	<0.1	<0.05	5	<0.5	<0.2
20110081	Soil	21	0.36	109	0.041	<1	1.24	0.018	0.07	0.2	0.05	1.3	0.1	<0.05	4	<0.5	<0.2
20110083	Soil	17	0.37	103	0.054	<1	1.19	0.022	0.07	0.1	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
20110084	Soil	18	0.39	120	0.044	<1	1.19	0.021	0.06	0.1	0.05	1.3	<0.1	0.07	4	<0.5	<0.2
20110085	Soil	14	0.23	123	0.026	1	1.08	0.021	0.04	<0.1	0.05	0.7	<0.1	0.10	3	<0.5	<0.2
20110086	Soil	11	0.08	129	0.013	2	0.75	0.019	0.04	<0.1	0.11	0.4	0.2	0.26	1	<0.5	<0.2
20110087	Soil	13	0.16	292	0.015	2	1.20	0.022	0.03	0.1	0.16	1.2	0.5	0.27	2	0.7	<0.2
20110088	Soil	13	0.11	837	0.024	2	1.43	0.025	0.03	0.2	0.19	2.6	1.1	0.14	6	0.9	<0.2
20110089	Soil	22	0.29	320	0.023	2	1.54	0.020	0.07	0.1	0.16	3.1	0.3	0.21	4	0.8	<0.2
20110090	Soil	20	0.34	56	0.074	<1	0.92	0.015	0.06	0.3	0.02	1.5	0.1	<0.05	6	<0.5	<0.2
20110091	Soil	20	0.33	57	0.041	1	1.08	0.011	0.06	0.4	0.04	2.2	<0.1	<0.05	4	<0.5	0.2
20110092	Soil	20	0.30	60	0.062	1	0.98	0.010	0.06	0.3	0.04	1.7	<0.1	<0.05	5	<0.5	<0.2
20110093	Soil	22	0.51	160	0.046	2	1.62	0.022	0.12	0.1	0.08	3.0	0.2	0.11	5	<0.5	<0.2
20110094	Soil	26	0.47	165	0.062	3	1.52	0.020	0.08	0.2	0.07	2.5	0.2	0.09	4	<0.5	<0.2
20110095	Soil	14	0.15	82	0.013	2	0.88	0.015	0.03	0.1	0.09	0.5	0.1	0.13	2	<0.5	<0.2
20110096	Soil	24	0.46	118	0.061	1	1.56	0.021	0.06	0.1	0.06	2.2	0.1	0.07	4	<0.5	<0.2
20110097	Soil	11	0.11	162	0.021	1	0.88	0.021	0.02	<0.1	0.06	0.8	0.1	0.12	2	<0.5	<0.2
20110102	Soil	17	0.42	112	0.045	1	1.11	0.017	0.06	0.1	0.04	2.3	0.2	<0.05	4	<0.5	<0.2
20110103	Soil	7	0.13	131	0.017	2	0.63	0.023	0.03	<0.1	0.06	0.7	<0.1	0.20	2	<0.5	<0.2
20110104	Soil	23	0.46	127	0.042	1	1.68	0.011	0.07	0.2	0.04	3.0	0.2	<0.05	5	<0.5	<0.2
20110105	Soil	19	0.40	132	0.039	1	1.36	0.011	0.06	0.2	0.04	3.0	0.2	<0.05	4	<0.5	<0.2
20110108	Soil	21	0.26	166	0.016	<1	1.72	0.017	0.06	0.1	0.09	3.5	0.3	<0.05	6	<0.5	<0.2

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		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	1
20110109	Soil	1.1	30.3	19.2	87	0.3	12.4	5.8	237	2.40	37.7	8.8	3.4	20	0.5	2.5	2.3	45	0.28	0.060	12
20110110	Soil	1.0	45.8	16.1	60	2.2	6.9	2.9	108	1.21	13.1	16.3	0.2	23	3.2	2.4	0.8	27	0.23	0.075	7
20110111	Soil	0.9	47.7	9.8	30	0.9	7.6	3.1	521	0.88	8.5	12.2	0.5	70	1.7	2.1	0.6	18	1.71	0.131	20
[redacted]																					
20110116	Soil	0.2	5.1	2.1	17	0.2	2.1	2.2	237	0.87	9.4	3.4	0.3	17	<0.1	0.4	<0.1	27	0.22	0.054	3
20110117	Soil	0.6	10.3	12.0	52	0.1	10.6	5.7	273	2.17	27.6	26.9	2.3	26	0.1	1.0	0.1	63	0.32	0.045	11
20110118	Soil	0.6	11.5	12.4	53	0.2	11.2	5.7	254	1.96	27.7	7.0	2.7	27	0.1	1.3	0.3	48	0.33	0.049	11
20110119	Soil	0.5	16.1	39.9	219	1.6	24.3	6.6	280	2.31	138.5	41.3	1.9	30	0.6	6.3	0.2	58	0.38	0.062	11
20110120	Soil	0.8	15.4	29.4	100	1.1	11.9	4.3	238	1.75	92.5	19.0	0.6	24	0.5	3.4	0.2	39	0.25	0.051	7
20110121	Soil	0.8	15.6	11.0	48	0.7	9.5	7.2	725	1.73	79.4	19.0	0.7	28	0.2	1.9	0.2	42	0.32	0.064	11
20110122	Soil	0.6	14.2	6.4	38	0.3	8.4	4.6	207	1.70	28.4	7.0	0.9	19	<0.1	0.9	0.1	47	0.23	0.052	8
20110123	Soil	0.6	12.3	5.4	38	0.2	8.9	5.1	198	1.78	15.8	11.2	1.3	20	<0.1	0.5	0.2	45	0.24	0.044	9
20110124	Soil	0.7	14.7	6.7	46	0.3	10.9	7.0	394	1.67	37.3	6.8	0.6	31	0.2	1.1	0.2	39	0.34	0.058	9
20110125	Soil	0.8	12.9	6.1	50	0.4	9.3	14.8	1567	1.76	45.6	8.6	0.6	26	0.4	1.2	0.1	40	0.29	0.075	8
20110126	Soil	0.3	6.9	7.2	58	0.3	8.5	3.5	106	1.16	10.6	7.0	0.9	22	0.2	0.9	0.2	28	0.28	0.052	9
20110127	Soil	0.6	11.7	9.4	65	0.4	8.5	4.3	160	1.48	31.4	7.6	0.4	24	0.4	1.1	0.2	35	0.25	0.061	6
20110128	Soil	0.4	11.6	3.3	30	0.8	3.7	2.9	185	0.86	7.0	6.0	0.1	30	0.5	0.6	<0.1	27	0.29	0.054	4
20110129	Soil	1.0	19.0	20.2	81	0.8	8.9	10.0	582	1.63	80.8	10.0	0.3	47	1.0	1.2	0.2	38	0.52	0.113	5
20110130	Soil	0.9	16.8	10.5	23	0.4	6.3	2.8	54	1.12	10.3	3.6	<0.1	15	0.5	0.5	0.1	30	0.13	0.059	5
20110131	Soil	0.6	6.7	5.7	17	<0.1	4.0	2.4	57	1.10	7.9	1.8	0.6	9	0.1	0.4	0.1	41	0.07	0.018	3
[redacted]																					

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Analyte		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
MDL		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
20110109	Soil	21	0.44	127	0.040	<1	1.40	0.010	0.07	0.3	0.03	2.9	0.2	<0.05	4	<0.5	<0.2
20110110	Soil	10	0.12	104	0.017	1	0.70	0.020	0.04	<0.1	0.07	1.0	0.1	0.09	2	<0.5	<0.2
20110111	Soil	9	0.16	144	0.012	3	0.64	0.019	0.03	<0.1	0.12	1.9	<0.1	0.30	1	<0.5	<0.2
[redacted]																	
20110116	Soil	5	0.07	43	0.038	<1	0.29	0.038	0.03	<0.1	0.02	0.7	<0.1	<0.05	2	<0.5	<0.2
20110117	Soil	22	0.40	119	0.066	<1	1.23	0.018	0.07	0.3	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
20110118	Soil	24	0.51	143	0.075	<1	1.35	0.018	0.09	0.2	0.03	2.8	0.1	<0.05	4	<0.5	<0.2
20110119	Soil	67	0.80	139	0.068	<1	1.90	0.017	0.14	0.2	0.06	3.8	0.3	<0.05	6	<0.5	<0.2
20110120	Soil	19	0.36	118	0.037	<1	1.29	0.020	0.07	0.2	0.05	2.3	0.2	<0.05	5	<0.5	<0.2
20110121	Soil	18	0.34	131	0.038	1	1.29	0.016	0.06	0.3	0.05	2.1	0.2	0.05	4	<0.5	<0.2
20110122	Soil	17	0.33	89	0.052	<1	1.08	0.018	0.05	0.2	0.03	1.9	0.1	<0.05	4	<0.5	<0.2
20110123	Soil	17	0.38	93	0.066	<1	1.12	0.018	0.06	0.2	0.02	1.9	0.1	<0.05	4	<0.5	<0.2
20110124	Soil	19	0.39	130	0.046	<1	1.35	0.021	0.06	0.2	0.07	2.0	0.2	0.06	4	<0.5	<0.2
20110125	Soil	17	0.33	123	0.041	<1	1.09	0.025	0.05	0.2	0.06	1.8	0.2	0.05	4	<0.5	<0.2
20110126	Soil	16	0.34	93	0.041	<1	1.04	0.017	0.04	0.1	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
20110127	Soil	17	0.36	108	0.029	<1	1.11	0.013	0.05	0.2	0.04	1.2	<0.1	<0.05	4	<0.5	<0.2
20110128	Soil	6	0.08	61	0.028	2	0.43	0.020	0.02	<0.1	0.06	0.8	<0.1	0.08	2	<0.5	<0.2
20110129	Soil	16	0.31	146	0.026	1	0.96	0.017	0.04	<0.1	0.08	1.1	<0.1	0.12	4	<0.5	<0.2
20110130	Soil	10	0.10	70	0.023	<1	0.68	0.010	0.03	<0.1	0.06	0.5	<0.1	0.07	3	<0.5	<0.2
20110131	Soil	8	0.10	27	0.061	1	0.46	0.010	0.03	0.1	0.03	0.6	<0.1	<0.05	4	<0.5	<0.2
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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		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	1
20110143	Soil	<0.1	8.3	0.8	7	<0.1	1.0	1.2	22	0.44	0.5	<0.5	<0.1	9	0.2	<0.1	<0.1	14	0.10	0.045	2
20110144	Soil	0.5	23.8	5.7	19	0.4	4.5	2.2	71	0.84	8.1	2.3	0.2	27	0.4	0.7	0.6	18	0.30	0.064	6
20110145	Soil	0.7	27.9	5.3	31	1.0	6.7	4.7	565	1.06	13.1	9.7	0.1	35	0.7	1.6	0.3	24	0.42	0.107	12
20110146	Soil	1.8	67.1	122.3	116	9.0	10.4	23.4	2097	3.32	170.1	121.2	4.7	31	1.5	14.4	6.7	43	0.34	0.103	16
20110147	Soil	1.4	25.3	13.2	31	1.2	5.9	9.0	1484	1.19	27.6	22.9	0.3	39	1.8	2.0	0.6	19	0.47	0.105	13
20110148	Soil	0.6	25.3	10.0	16	1.5	3.1	1.2	31	0.78	18.3	14.0	0.5	18	0.1	1.2	1.0	14	0.28	0.061	7
20110149	Soil	1.0	25.6	22.9	50	0.4	10.0	4.5	123	1.73	16.1	19.7	3.8	15	0.2	2.3	2.1	36	0.23	0.052	10
20110153	Soil	0.6	14.9	13.7	61	0.9	8.1	5.3	320	1.48	27.5	10.7	0.5	30	0.4	1.5	0.2	33	0.29	0.070	7
20110154	Soil	0.8	36.2	33.7	112	2.3	11.0	6.1	350	3.63	431.3	70.2	1.6	44	0.4	5.5	0.3	58	0.43	0.060	11
20110155	Soil	0.9	18.5	27.6	66	0.5	10.3	7.5	421	2.53	116.0	11.0	1.4	16	0.5	3.9	0.3	59	0.13	0.024	7
20110156	Soil	1.2	46.7	66.1	144	1.5	9.9	10.8	513	3.46	345.9	39.4	1.2	19	1.1	12.1	0.5	61	0.12	0.053	8
20110157	Soil	1.0	42.9	74.1	147	2.1	13.1	12.6	562	3.52	351.8	64.0	2.2	21	1.2	11.4	0.5	60	0.16	0.051	10
20110158	Soil	0.9	16.7	20.9	61	0.7	9.7	5.0	191	1.84	147.1	42.4	1.5	19	0.2	3.8	0.3	43	0.22	0.038	7
20110159	Soil	0.8	14.6	6.5	46	0.5	8.8	6.8	385	1.52	26.9	7.8	0.4	28	0.2	0.9	0.2	39	0.30	0.072	6
20110160	Soil	0.6	11.9	5.7	40	0.3	7.8	4.4	260	1.19	18.5	4.8	0.3	34	0.2	0.9	0.2	28	0.35	0.057	7
20110161	Soil	0.8	26.6	6.7	55	0.7	7.4	4.2	573	0.82	14.0	7.5	0.3	133	2.0	1.4	0.1	14	1.41	0.114	15
20110162	Soil	0.5	11.8	10.2	53	0.1	9.1	4.5	233	1.41	26.6	3.1	1.1	25	0.4	1.1	0.2	37	0.30	0.044	8
20110163	Soil	0.7	7.8	11.2	40	<0.1	7.6	3.3	122	1.47	17.8	3.1	1.3	14	0.1	0.7	0.2	42	0.17	0.026	7
20110164	Soil	0.9	23.4	22.6	127	0.4	13.8	9.4	411	2.39	98.1	8.8	1.1	51	0.8	2.6	0.4	56	0.49	0.065	8
20110165	Soil	1.1	21.3	84.1	139	0.6	11.7	8.0	296	2.20	203.4	16.0	2.2	25	0.9	5.5	0.3	47	0.20	0.036	10
20110166	Soil	0.6	12.6	11.7	45	<0.1	11.5	5.9	198	2.12	30.7	4.9	2.5	21	0.3	1.3	0.2	50	0.23	0.039	10
20110167	Soil	0.9	18.6	12.2	37	0.1	11.1	5.3	161	1.89	21.4	8.5	1.1	21	0.3	0.8	0.2	54	0.18	0.040	9
20110168	Soil	0.8	17.8	16.3	71	0.1	15.7	10.2	394	2.62	46.9	5.1	2.1	27	0.4	1.8	0.4	66	0.19	0.053	10

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Project: Charlotte Project
Report Date: September 04, 2011

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Analyte		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
MDL		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
20110143	Soil	2	0.04	17	0.028	<1	0.25	0.025	0.02	<0.1	<0.01	0.2	<0.1	<0.05	1	<0.5	<0.2
20110144	Soil	6	0.09	82	0.017	<1	0.61	0.019	0.02	<0.1	0.05	0.7	<0.1	0.08	2	<0.5	<0.2
20110145	Soil	9	0.10	132	0.011	<1	0.59	0.017	0.03	<0.1	0.09	0.8	0.1	0.14	2	<0.5	<0.2
20110146	Soil	20	0.24	187	0.008	<1	1.81	0.011	0.07	0.2	0.20	4.8	0.4	0.07	5	0.8	<0.2
20110147	Soil	9	0.12	147	0.009	<1	0.83	0.027	0.05	0.1	0.10	1.4	0.1	0.13	3	0.7	<0.2
20110148	Soil	7	0.08	70	0.015	<1	0.73	0.029	0.03	<0.1	0.06	1.2	<0.1	<0.05	2	<0.5	<0.2
20110149	Soil	21	0.42	97	0.039	<1	1.38	0.008	0.05	0.3	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
20110153	Soil	16	0.29	183	0.032	<1	1.34	0.020	0.06	<0.1	0.06	1.9	0.1	<0.05	4	<0.5	<0.2
20110154	Soil	22	0.44	166	0.034	<1	2.06	0.014	0.10	0.1	0.12	4.6	0.2	<0.05	6	0.5	<0.2
20110155	Soil	21	0.41	112	0.041	<1	1.59	0.008	0.08	0.1	0.02	2.3	0.2	<0.05	6	<0.5	<0.2
20110156	Soil	22	0.44	116	0.020	<1	1.84	0.010	0.11	0.2	0.05	2.9	0.3	<0.05	6	<0.5	0.3
20110157	Soil	23	0.48	140	0.019	<1	2.15	0.009	0.11	0.2	0.06	3.3	0.3	<0.05	6	<0.5	<0.2
20110158	Soil	19	0.37	87	0.041	<1	1.17	0.008	0.06	0.2	0.04	1.9	0.1	<0.05	4	<0.5	<0.2
20110159	Soil	17	0.33	99	0.031	<1	1.14	0.014	0.05	0.1	0.05	1.4	0.1	<0.05	4	<0.5	<0.2
20110160	Soil	14	0.28	112	0.027	<1	0.92	0.012	0.04	0.1	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
20110161	Soil	9	0.14	232	0.016	<1	0.86	0.016	0.04	<0.1	0.15	1.3	<0.1	0.27	1	0.5	<0.2
20110162	Soil	17	0.38	95	0.046	<1	1.00	0.010	0.06	0.2	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
20110163	Soil	17	0.34	73	0.054	<1	0.87	0.009	0.05	0.2	0.01	1.3	<0.1	<0.05	5	<0.5	<0.2
20110164	Soil	24	0.56	183	0.063	<1	1.73	0.025	0.12	0.1	0.04	2.7	0.1	0.09	6	<0.5	<0.2
20110165	Soil	20	0.41	91	0.058	1	1.19	0.017	0.09	0.3	0.02	2.0	0.1	0.06	4	<0.5	<0.2
20110166	Soil	19	0.35	91	0.061	<1	1.06	0.013	0.07	0.2	0.02	1.7	0.1	<0.05	4	<0.5	<0.2
20110167	Soil	20	0.33	101	0.067	<1	1.16	0.012	0.07	0.1	0.02	1.7	<0.1	0.06	6	<0.5	<0.2
20110168	Soil	28	0.57	144	0.076	2	1.89	0.017	0.11	0.2	0.06	2.5	0.2	<0.05	6	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		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	1
20110176	Soil	1.0	30.3	17.1	62	0.3	8.9	5.6	253	2.05	29.8	2.9	2.6	25	0.6	2.1	5.4	46	0.27	0.041	9
20110177	Soil	1.3	49.2	35.8	48	1.8	11.5	13.1	1903	1.58	64.5	18.8	0.4	63	1.8	2.9	0.8	26	0.66	0.131	25
20110178	Soil	1.1	48.6	37.9	43	3.2	9.4	13.0	1056	1.77	86.2	26.6	0.8	48	1.0	2.8	0.8	32	0.50	0.117	21
20110179	Soil	0.5	12.5	10.2	27	0.5	4.6	2.9	245	0.77	5.4	3.1	0.3	19	0.8	1.2	0.6	19	0.15	0.024	5
20110180	Soil	1.1	23.0	21.3	78	0.3	8.8	7.5	415	2.07	49.4	11.8	3.3	23	0.7	2.5	1.0	46	0.26	0.053	10
20110181	Soil	0.8	19.3	8.3	29	0.3	5.8	2.8	129	0.95	17.2	4.0	0.3	31	0.5	1.2	0.4	22	0.38	0.044	6
20110182	Soil	1.3	19.9	11.7	42	0.1	5.1	6.0	565	1.38	16.8	3.8	1.3	13	0.6	1.6	0.7	40	0.09	0.027	5
20110185	Soil	0.4	10.7	8.6	31	0.3	5.6	2.7	117	1.16	25.8	3.2	1.3	19	0.3	0.9	0.1	33	0.16	0.024	6
20110186	Soil	0.9	47.1	20.3	81	2.7	11.6	3.8	168	2.17	69.9	37.6	0.8	51	0.7	4.2	0.5	38	0.40	0.087	10
20110187	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110188	Soil	0.7	35.9	11.6	69	1.4	9.2	3.7	178	1.58	46.2	33.1	0.5	39	0.5	3.1	0.3	32	0.32	0.067	6
20110189	Soil	0.5	28.5	10.6	53	1.0	6.4	3.2	137	1.41	34.4	18.4	0.3	24	0.3	2.4	0.3	31	0.23	0.063	5
20110190	Soil	1.1	49.7	21.0	79	2.0	11.1	8.4	642	2.12	64.7	28.5	0.4	34	0.5	3.8	0.8	45	0.28	0.084	7
20110191	Soil	0.6	24.3	9.5	44	0.3	6.8	4.7	209	1.25	14.7	4.7	0.5	25	0.3	1.2	0.4	34	0.22	0.038	6
20110192	Soil	0.8	34.3	7.1	30	0.8	6.9	6.1	305	1.02	8.2	5.9	0.2	84	1.0	1.0	<0.1	10	0.73	0.139	14
20110193	Soil	0.4	18.9	6.6	37	0.2	6.9	3.2	108	1.23	11.3	41.7	0.7	23	0.3	0.7	<0.1	35	0.23	0.045	7
20110194	Soil	1.2	69.9	677.0	221	12.2	17.7	7.1	355	2.77	419.3	155.1	1.9	32	1.9	17.6	0.9	58	0.28	0.063	13
20110195	Soil	0.9	28.3	46.4	52	0.4	12.5	7.8	243	2.11	40.2	11.2	1.6	23	0.4	2.1	0.2	52	0.22	0.054	11
20110196	Soil	0.3	8.1	3.0	17	0.1	2.2	2.8	56	1.09	1.9	1.3	<0.1	10	0.1	0.2	<0.1	37	0.07	0.034	1
20110197	Soil	0.2	12.6	4.5	18	0.2	2.9	2.6	73	0.96	5.2	1.5	<0.1	13	0.3	0.4	<0.1	30	0.11	0.040	2
20110198	Soil	1.4	97.4	4784	859	23.6	14.7	12.5	850	4.77	2912	1378	3.3	50	22.8	70.1	0.2	58	0.34	0.080	13
20110199	Soil	0.9	73.2	2766	633	16.1	13.8	10.6	670	4.06	1902	570.7	3.0	44	14.6	45.5	0.2	56	0.31	0.082	12

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Analyte		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
MDL		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
20110176	Soil	16	0.32	102	0.044	<1	0.99	0.014	0.06	0.2	0.02	2.1	<0.1	<0.05	5	<0.5	<0.2
20110177	Soil	12	0.16	246	0.017	2	1.19	0.031	0.05	0.1	0.10	2.0	0.2	0.16	3	0.5	<0.2
20110178	Soil	13	0.16	188	0.019	<1	1.27	0.027	0.05	0.2	0.10	2.9	0.2	0.10	3	<0.5	<0.2
20110179	Soil	7	0.13	93	0.025	<1	0.65	0.023	0.04	<0.1	0.04	1.0	0.1	<0.05	3	<0.5	<0.2
20110180	Soil	16	0.34	117	0.043	<1	1.24	0.013	0.06	0.2	0.01	2.0	0.1	<0.05	4	<0.5	<0.2
20110181	Soil	9	0.19	112	0.027	<1	0.80	0.030	0.04	0.1	0.02	0.8	<0.1	<0.05	3	<0.5	<0.2
20110182	Soil	10	0.17	60	0.052	<1	0.73	0.023	0.05	0.1	0.01	1.0	<0.1	<0.05	4	<0.5	<0.2
20110185	Soil	11	0.19	66	0.043	<1	0.70	0.013	0.05	<0.1	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
20110186	Soil	19	0.25	206	0.019	<1	2.17	0.022	0.08	<0.1	0.13	3.5	0.2	<0.05	6	<0.5	<0.2
20110187	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.
20110188	Soil	15	0.22	146	0.025	<1	1.63	0.032	0.07	<0.1	0.10	2.6	0.1	<0.05	5	<0.5	<0.2
20110189	Soil	11	0.18	102	0.027	<1	1.23	0.031	0.05	<0.1	0.06	1.8	0.1	<0.05	4	<0.5	<0.2
20110190	Soil	18	0.24	140	0.024	<1	1.76	0.030	0.07	0.1	0.09	2.2	0.2	<0.05	5	<0.5	0.4
20110191	Soil	13	0.23	108	0.040	<1	0.91	0.022	0.06	0.1	0.02	1.2	<0.1	<0.05	4	<0.5	0.2
20110192	Soil	8	0.07	214	0.018	2	1.14	0.026	0.02	<0.1	0.11	0.7	<0.1	0.08	2	<0.5	<0.2
20110193	Soil	15	0.28	94	0.052	<1	0.84	0.020	0.05	<0.1	0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
20110194	Soil	33	0.53	219	0.021	<1	2.78	0.015	0.11	0.1	0.19	3.9	0.3	<0.05	8	<0.5	0.4
20110195	Soil	23	0.43	113	0.065	<1	1.41	0.021	0.07	0.2	0.04	2.5	0.1	<0.05	5	<0.5	<0.2
20110196	Soil	5	0.04	17	0.036	<1	0.27	0.026	0.02	<0.1	0.03	0.1	<0.1	<0.05	2	<0.5	<0.2
20110197	Soil	6	0.07	26	0.031	<1	0.40	0.031	0.03	<0.1	0.02	0.2	<0.1	<0.05	2	<0.5	<0.2
20110198	Soil	24	0.44	138	0.041	2	1.28	0.019	0.29	0.2	0.17	5.3	0.7	0.35	5	<0.5	<0.2
20110199	Soil	22	0.42	119	0.042	2	1.28	0.018	0.24	0.3	0.12	4.3	0.6	0.27	4	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		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	1
20110203	Soil	0.6	16.5	11.4	25	0.8	4.0	3.4	412	0.84	25.0	9.6	0.2	19	1.0	1.1	0.5	16	0.21	0.066	8
20110204	Soil	<0.1	3.7	1.5	8	0.1	1.1	1.0	30	0.43	0.7	2.3	<0.1	9	0.2	0.1	<0.1	17	0.06	0.020	1
20110205	Soil	0.3	7.7	3.0	14	0.5	1.8	1.2	30	0.46	4.4	3.5	<0.1	10	0.4	0.3	0.2	13	0.08	0.023	2
20110206	Soil	1.2	37.2	12.3	26	0.7	7.4	4.2	206	0.90	14.0	7.9	0.2	55	1.2	1.3	0.4	16	0.83	0.106	17
20110207	Soil	4.2	54.2	59.1	70	1.2	9.2	8.0	331	2.70	118.1	26.3	3.9	25	0.5	9.3	9.7	49	0.24	0.060	10
20110211	Soil	0.6	16.2	18.8	70	1.0	8.7	8.4	588	1.76	33.0	15.9	0.6	27	0.4	1.8	0.4	39	0.24	0.066	7
20110212	Soil	1.1	36.8	40.2	111	1.0	12.6	10.4	1315	3.06	123.2	30.0	1.2	50	0.5	4.7	0.8	65	0.46	0.070	10
20110213	Soil	0.7	24.8	15.2	54	0.4	9.2	5.5	320	1.89	52.4	12.3	1.3	19	0.3	1.9	0.3	43	0.19	0.038	7
20110214	Soil	0.6	14.6	25.9	57	0.3	11.4	5.0	160	2.29	46.8	10.3	2.1	13	0.3	1.3	0.2	49	0.17	0.037	7
20110215	Soil	0.6	49.3	52.6	111	0.3	15.4	11.8	583	3.10	112.8	21.5	2.9	23	0.6	4.9	0.6	64	0.29	0.071	9
20110216	Soil	0.9	26.9	16.7	46	1.1	6.7	25.5	2231	2.21	112.0	16.8	0.3	21	0.4	2.2	0.2	40	0.20	0.077	6
20110217	Soil	0.5	13.5	30.8	81	0.3	9.7	4.3	171	1.67	56.6	9.8	1.8	13	0.2	2.0	0.2	39	0.18	0.049	7
20110218	Soil	0.5	16.5	10.8	50	0.1	11.7	6.3	200	1.97	23.5	5.4	2.0	13	0.2	1.6	0.2	42	0.18	0.048	8
20110219	Soil	0.6	27.4	13.5	39	0.4	10.9	6.2	212	1.76	29.3	10.1	0.7	16	0.3	1.7	0.2	41	0.19	0.054	9
20110220	Soil	0.5	21.7	14.0	42	0.3	10.3	6.3	229	1.69	24.4	8.3	1.0	16	0.2	1.6	0.2	39	0.19	0.054	8
20110221	Soil	0.8	27.5	15.6	36	0.2	9.2	4.8	175	1.51	18.9	11.2	0.5	12	0.4	1.5	0.2	36	0.13	0.044	6
20110223	Soil	0.6	14.0	6.5	18	0.6	3.4	1.3	38	0.47	7.5	3.2	<0.1	13	0.7	0.4	0.2	11	0.12	0.067	5
20110224	Soil	1.4	24.1	16.4	65	0.4	8.0	7.2	410	1.80	53.2	10.0	1.0	16	0.7	1.5	0.9	45	0.14	0.034	6
20110230	Soil	0.5	9.2	3.9	15	0.4	2.4	8.7	795	0.74	10.8	5.2	0.2	12	1.4	0.5	0.1	20	0.13	0.049	4
20110232	Soil	0.3	14.0	4.1	14	0.4	3.3	2.2	136	0.63	6.6	3.4	<0.1	12	0.2	0.3	<0.1	16	0.09	0.030	7
20110233	Soil	0.8	24.3	12.3	51	0.5	6.4	3.3	169	1.36	33.0	9.9	0.3	16	0.3	1.1	0.1	34	0.13	0.035	4

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Project: Charlotte Project
Report Date: September 04, 2011

CERTIFICATE OF ANALYSIS WHI11000932.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		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
MDL		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
20110203	Soil	6	0.09	96	0.011	<1	0.56	0.018	0.03	0.1	0.05	0.7	<0.1	0.10	2	<0.5	<0.2
20110204	Soil	2	0.02	20	0.014	<1	0.12	0.018	0.02	<0.1	0.01	<0.1	<0.1	0.06	<1	<0.5	<0.2
20110205	Soil	3	0.05	33	0.015	<1	0.25	0.019	0.02	<0.1	0.03	0.2	<0.1	0.07	1	<0.5	<0.2
20110206	Soil	8	0.13	108	0.016	1	0.82	0.025	0.04	0.2	0.10	1.0	<0.1	0.27	2	0.9	<0.2
20110207	Soil	20	0.48	116	0.037	<1	1.31	0.010	0.08	0.4	0.03	2.3	0.2	0.10	4	0.6	<0.2
20110211	Soil	19	0.33	193	0.019	<1	1.60	0.018	0.05	<0.1	0.09	1.6	0.2	0.07	5	<0.5	<0.2
20110212	Soil	26	0.52	271	0.029	<1	2.21	0.015	0.10	<0.1	0.10	3.3	0.2	0.06	7	<0.5	<0.2
20110213	Soil	17	0.31	111	0.033	<1	1.21	0.011	0.05	0.1	0.02	1.9	0.1	<0.05	5	<0.5	<0.2
20110214	Soil	22	0.42	88	0.054	<1	1.33	0.008	0.06	0.2	0.02	2.0	<0.1	<0.05	5	<0.5	<0.2
20110215	Soil	27	0.57	143	0.059	<1	1.59	0.011	0.13	0.2	0.02	3.6	0.2	<0.05	5	<0.5	0.2
20110216	Soil	12	0.15	125	0.022	<1	0.96	0.018	0.03	<0.1	0.07	1.6	0.1	0.07	3	<0.5	<0.2
20110217	Soil	17	0.33	84	0.038	<1	0.96	0.008	0.05	0.1	0.02	1.5	0.1	<0.05	4	<0.5	<0.2
20110218	Soil	21	0.39	87	0.044	<1	1.27	0.008	0.06	0.2	0.02	2.0	0.1	<0.05	4	<0.5	<0.2
20110219	Soil	20	0.30	99	0.030	<1	1.10	0.010	0.05	0.1	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
20110220	Soil	19	0.31	95	0.034	<1	1.02	0.011	0.05	0.1	0.03	1.6	0.1	<0.05	4	<0.5	<0.2
20110221	Soil	15	0.22	79	0.029	<1	0.89	0.013	0.05	0.2	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
20110223	Soil	6	0.06	49	0.010	<1	0.41	0.016	0.03	<0.1	0.06	0.1	<0.1	0.08	2	<0.5	<0.2
20110224	Soil	14	0.25	80	0.040	<1	0.84	0.015	0.05	0.2	0.02	1.3	<0.1	<0.05	5	<0.5	<0.2
20110230	Soil	4	0.07	44	0.024	<1	0.22	0.025	0.02	<0.1	0.02	0.4	<0.1	0.07	1	<0.5	<0.2
20110232	Soil	6	0.07	72	0.015	<1	0.61	0.023	0.02	<0.1	0.03	0.4	<0.1	<0.05	2	<0.5	<0.2
20110233	Soil	11	0.14	99	0.022	<1	1.02	0.022	0.05	0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	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	1
20110234	Soil	0.1	6.2	1.8	8	0.2	1.5	1.2	26	0.46	3.2	2.1	<0.1	8	<0.1	0.3	<0.1	15	0.09	0.037	2
20110235	Soil	0.6	13.4	8.4	34	0.2	10.6	4.9	150	2.03	16.8	5.7	2.0	12	0.2	0.8	0.1	50	0.14	0.035	8
20110236	Soil	0.4	13.2	8.7	26	0.1	7.0	2.9	80	1.25	13.9	4.6	0.2	13	0.3	0.8	0.1	34	0.15	0.032	8
20110237	Soil	0.5	14.2	7.3	28	<0.1	9.4	4.1	132	1.42	10.1	1.9	0.9	12	0.1	0.6	0.1	34	0.15	0.041	8
20110239	Soil	1.4	31.8	17.2	36	1.8	6.2	9.5	1117	0.98	14.8	14.9	0.2	33	3.4	1.0	0.3	22	0.32	0.124	9
20110240	Soil	0.7	30.4	89.3	121	12.6	9.3	4.1	191	1.92	91.0	223.8	3.6	50	0.9	2.7	4.4	35	0.53	0.103	11
20110241	Soil	0.4	34.8	86.0	122	16.1	10.2	2.9	70	1.54	37.2	273.1	4.8	48	1.0	3.2	3.4	25	0.55	0.128	13
20110242	Soil	0.8	11.5	11.7	73	0.3	7.5	3.7	148	1.73	22.1	27.2	2.9	33	0.5	1.0	1.7	33	0.29	0.043	10
20110243	Soil	2.3	49.4	36.0	182	4.8	11.3	8.5	299	3.69	65.6	95.7	4.2	151	1.0	3.6	7.1	79	0.90	0.074	11
20110247	Soil	0.5	6.5	6.8	20	0.1	4.2	2.3	92	0.91	7.2	1.2	1.3	9	<0.1	0.3	0.1	30	0.11	0.009	6
20110248	Soil	0.5	15.0	12.8	52	1.0	10.4	4.5	153	1.70	22.3	7.6	2.1	12	0.2	0.8	<0.1	36	0.19	0.047	8
20110249	Soil	2.8	21.5	24.6	86	1.6	7.2	19.6	1637	3.02	41.8	22.9	0.8	24	1.8	2.5	1.3	44	0.25	0.100	7
20110250	Soil	0.2	4.9	5.3	19	0.2	2.0	2.0	46	1.13	31.5	5.4	0.7	11	0.1	0.3	0.2	28	0.14	0.042	3
20110251	Soil	0.9	16.3	21.5	74	0.7	7.6	4.2	156	1.69	28.3	34.6	2.4	22	0.2	1.6	1.6	35	0.25	0.051	9
20110254	Soil	1.2	18.4	28.5	83	0.9	7.9	7.5	522	2.17	55.7	14.0	2.3	21	0.3	1.6	2.0	42	0.25	0.054	10
20110255	Soil	0.6	15.2	20.0	56	0.2	5.2	3.6	180	1.60	36.7	10.3	2.0	14	0.3	1.4	1.3	31	0.18	0.052	8
20110256	Soil	0.9	18.3	24.2	87	0.3	9.2	5.1	293	2.23	49.6	6.6	2.9	18	0.4	1.5	1.6	41	0.26	0.054	11
20110257	Soil	1.5	29.3	41.8	110	0.7	12.8	8.8	607	3.10	79.2	34.7	4.0	27	0.4	2.0	2.3	54	0.31	0.062	12
20110259	Soil	1.8	77.4	14.2	40	0.4	11.3	5.4	120	4.01	8.1	2.6	5.3	151	0.4	0.5	4.4	65	0.19	0.066	13
20110260	Soil	1.2	226.7	22.4	33	2.2	7.3	3.3	82	5.39	14.3	10.9	9.9	221	0.2	1.5	19.8	94	0.21	0.091	31
20110261	Soil	1.2	66.2	15.1	49	0.5	11.7	5.8	202	2.81	16.4	22.6	3.4	24	0.2	0.7	16.2	54	0.15	0.030	9
20110262	Soil	1.2	68.8	15.1	51	0.5	13.2	5.7	178	2.93	17.8	18.1	3.7	28	0.2	0.7	16.7	53	0.15	0.033	9
20110263	Soil	0.9	48.6	18.1	39	0.6	9.4	5.6	230	2.63	22.1	49.6	3.1	33	0.1	1.6	24.3	46	0.17	0.041	9
20110264	Soil	0.9	45.8	12.3	29	0.5	8.3	3.4	114	2.01	13.8	14.1	0.6	23	0.2	0.6	7.0	49	0.18	0.035	9
20110265	Soil	0.2	21.7	2.1	10	0.7	2.6	1.7	40	0.70	1.3	6.9	<0.1	12	<0.1	0.1	1.1	17	0.09	0.037	3
20110266	Soil	0.6	40.5	11.6	39	0.5	11.0	6.5	217	2.64	28.1	41.5	4.1	25	0.1	1.1	5.6	52	0.22	0.040	9
20110267	Soil	0.4	9.8	3.6	19	0.3	2.5	4.3	98	1.75	4.1	6.0	0.7	14	<0.1	0.2	0.8	50	0.13	0.049	4
20110268	Soil	0.7	37.9	10.7	48	0.2	11.0	9.2	329	2.60	14.2	16.5	3.4	35	0.1	0.6	4.5	55	0.23	0.040	9

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	Analyte	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
	MDL	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
20110234	Soil	3	0.04	31	0.022	<1	0.35	0.028	0.02	0.1	<0.01	0.3	<0.1	<0.05	1	<0.5	<0.2
20110235	Soil	22	0.36	87	0.049	<1	1.43	0.009	0.06	0.3	0.02	2.0	<0.1	<0.05	5	<0.5	<0.2
20110236	Soil	15	0.22	84	0.026	<1	0.99	0.008	0.04	0.1	0.02	1.0	<0.1	<0.05	4	<0.5	<0.2
20110237	Soil	16	0.26	77	0.034	<1	0.91	0.009	0.04	0.1	0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
20110239	Soil	8	0.10	173	0.018	1	0.46	0.021	0.03	<0.1	0.08	0.9	<0.1	0.20	2	0.9	<0.2
20110240	Soil	25	0.34	351	0.005	<1	2.84	0.014	0.09	0.1	0.30	3.2	0.8	0.12	8	<0.5	<0.2
20110241	Soil	28	0.30	359	0.007	1	3.23	0.014	0.10	0.1	0.33	4.3	0.9	0.13	9	<0.5	<0.2
20110242	Soil	16	0.40	101	0.041	<1	1.26	0.013	0.05	0.3	0.01	1.6	0.2	<0.05	4	<0.5	<0.2
20110243	Soil	21	0.98	218	0.118	<1	4.76	0.063	0.30	0.3	0.13	4.7	1.5	<0.05	12	<0.5	<0.2
20110247	Soil	10	0.16	46	0.052	<1	0.59	0.006	0.03	0.1	<0.01	0.9	<0.1	<0.05	4	<0.5	<0.2
20110248	Soil	20	0.31	81	0.041	<1	1.11	0.011	0.05	0.2	0.01	1.6	<0.1	<0.05	4	<0.5	<0.2
20110249	Soil	15	0.18	152	0.013	<1	1.14	0.018	0.03	0.1	0.06	1.2	0.2	0.07	5	<0.5	<0.2
20110250	Soil	4	0.06	36	0.033	<1	0.36	0.035	0.02	<0.1	0.02	0.4	<0.1	<0.05	2	<0.5	<0.2
20110251	Soil	17	0.38	101	0.026	<1	1.42	0.008	0.05	0.3	0.03	1.9	0.2	<0.05	5	<0.5	<0.2
20110254	Soil	17	0.34	185	0.016	<1	1.56	0.010	0.06	0.2	0.03	2.4	0.2	<0.05	5	<0.5	<0.2
20110255	Soil	9	0.21	80	0.032	<1	0.64	0.017	0.05	0.1	0.01	1.1	0.1	<0.05	2	<0.5	<0.2
20110256	Soil	19	0.39	94	0.038	<1	1.27	0.010	0.06	0.2	<0.01	2.0	0.2	<0.05	4	<0.5	<0.2
20110257	Soil	27	0.46	176	0.039	<1	1.93	0.011	0.08	0.2	0.03	3.4	0.2	<0.05	6	<0.5	<0.2
20110259	Soil	22	0.58	148	0.070	<1	2.98	0.031	0.10	0.5	0.04	3.3	0.3	0.10	10	<0.5	0.3
20110260	Soil	18	0.71	239	0.122	<1	3.49	0.093	0.21	0.3	0.05	4.9	0.4	0.62	12	0.8	2.4
20110261	Soil	22	0.44	111	0.071	<1	1.94	0.013	0.09	0.2	<0.01	2.4	0.2	<0.05	8	<0.5	0.6
20110262	Soil	22	0.45	123	0.070	<1	2.06	0.014	0.10	0.2	0.02	2.6	0.2	<0.05	8	<0.5	0.6
20110263	Soil	17	0.43	115	0.068	<1	1.21	0.023	0.10	0.3	0.02	2.0	0.2	0.11	5	<0.5	1.1
20110264	Soil	18	0.33	98	0.052	<1	1.30	0.013	0.06	0.1	0.02	1.5	0.2	0.06	7	<0.5	0.4
20110265	Soil	5	0.08	38	0.020	<1	0.40	0.029	0.02	<0.1	0.03	0.5	0.1	0.07	2	<0.5	<0.2
20110266	Soil	20	0.54	117	0.090	<1	1.55	0.015	0.12	0.2	0.01	2.3	0.3	<0.05	5	<0.5	0.4
20110267	Soil	6	0.06	38	0.065	<1	0.35	0.027	0.02	<0.1	0.02	0.9	<0.1	0.06	3	<0.5	<0.2
20110268	Soil	22	0.57	120	0.097	<1	1.57	0.019	0.11	0.3	<0.01	2.6	0.2	0.08	7	<0.5	0.5

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		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	1
20110269	Soil	0.5	33.3	7.4	29	0.7	7.8	4.3	109	1.69	7.6	13.1	1.3	30	0.2	0.4	3.7	38	0.19	0.038	7
20110270	Soil	0.8	49.8	8.3	34	0.3	5.8	4.3	135	2.46	10.2	38.3	2.8	39	0.1	0.5	6.8	58	0.16	0.038	7
20110271	Soil	0.3	10.5	2.4	11	0.2	2.0	2.1	38	0.85	1.1	2.5	0.2	8	<0.1	<0.1	0.3	25	0.10	0.043	2
20110272	Soil	1.2	60.3	19.3	52	0.9	14.9	7.2	236	3.96	24.6	24.1	6.4	53	0.1	0.7	4.8	69	0.19	0.047	12
20110273	Soil	0.8	29.0	9.2	22	0.6	5.8	3.2	63	1.74	8.9	14.9	0.3	18	<0.1	0.3	2.4	39	0.11	0.064	6
20110274	Soil	1.1	93.2	14.2	77	1.0	9.0	6.3	185	3.08	19.9	27.4	5.8	83	0.2	0.8	8.6	56	0.23	0.076	14
20110275	Soil	0.7	47.2	25.7	48	1.1	9.6	6.1	209	2.74	23.7	24.5	3.8	26	0.2	1.0	3.3	43	0.20	0.056	11
20110276	Soil	1.0	46.0	13.8	50	0.7	10.9	5.5	207	2.51	13.5	16.0	2.0	26	0.2	0.8	2.4	44	0.19	0.047	9
20110277	Soil	3.0	30.2	28.4	79	1.5	10.9	4.0	159	2.38	14.7	27.6	1.3	28	0.5	1.3	3.0	36	0.24	0.083	10
20110278	Soil	1.1	32.4	37.3	113	1.9	9.1	8.9	1011	2.73	60.1	17.5	2.2	28	1.2	1.8	2.1	57	0.31	0.081	11
20110279	Soil	0.8	28.5	28.3	43	3.3	5.5	2.8	93	1.42	31.0	18.7	0.3	33	0.3	1.3	1.2	21	0.29	0.105	8
20110280	Soil	1.0	33.2	47.3	104	1.3	6.7	6.0	194	2.19	55.6	22.3	3.2	23	0.9	2.0	2.2	33	0.30	0.061	13
20110282	Soil	1.0	39.9	16.0	26	1.8	5.8	2.1	54	2.18	9.7	28.2	1.2	37	0.1	0.4	6.2	32	0.15	0.068	12
20110283	Soil	2.2	51.4	19.2	30	1.4	6.8	3.7	175	2.97	20.4	31.1	1.3	39	0.2	0.7	8.2	54	0.18	0.085	14
20110284	Soil	0.2	9.1	1.1	8	0.1	1.1	1.6	34	0.58	0.5	4.5	0.3	11	<0.1	<0.1	0.2	21	0.14	0.052	3
20110289	Soil	0.9	10.9	6.3	11	0.4	2.3	1.4	30	0.75	3.5	2.8	1.4	11	<0.1	0.2	0.6	27	0.07	0.012	5
20110290	Soil	1.8	27.5	11.6	29	1.0	8.0	3.7	105	2.09	10.1	12.7	2.9	22	<0.1	0.6	1.6	55	0.12	0.022	11
20110291	Soil	3.4	136.9	25.7	28	3.4	11.8	4.5	105	2.72	14.3	75.8	0.4	76	0.2	0.9	9.5	34	0.19	0.128	17
20110298	Soil	1.1	17.9	14.3	25	0.3	6.8	3.6	110	1.65	12.1	7.1	2.5	17	<0.1	0.6	2.2	44	0.12	0.022	9
20110299	Soil	1.3	30.1	24.5	35	0.5	7.9	4.1	133	2.14	23.9	51.7	3.2	36	0.1	1.6	5.6	42	0.18	0.041	12
20110409	Soil	4.5	87.8	51.7	56	1.1	9.1	5.5	149	2.41	21.5	35.4	1.9	21	0.3	3.6	3.3	35	0.17	0.069	10

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Project: Charlotte Project
Report Date: September 04, 2011

CERTIFICATE OF ANALYSIS WHI11000932.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	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
		MDL	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
20110269	Soil		15	0.32	81	0.056	<1	1.23	0.022	0.07	0.2	0.03	1.7	0.2	0.09	4	<0.5	0.2
20110270	Soil		12	0.50	94	0.088	<1	1.09	0.030	0.12	0.3	0.02	1.9	0.3	0.15	6	<0.5	0.8
20110271	Soil		4	0.06	13	0.037	<1	0.47	0.028	0.02	<0.1	0.01	0.4	<0.1	0.05	2	<0.5	<0.2
20110272	Soil		26	0.78	102	0.128	<1	2.81	0.036	0.14	0.6	0.03	3.4	0.5	0.15	8	<0.5	0.5
20110273	Soil		11	0.13	30	0.042	<1	0.85	0.023	0.04	0.3	0.03	0.8	0.1	0.12	3	<0.5	0.2
20110274	Soil		18	0.49	81	0.063	<1	1.42	0.039	0.13	1.1	0.02	2.1	0.4	0.24	5	<0.5	1.0
20110275	Soil		19	0.43	90	0.064	<1	1.49	0.031	0.12	0.9	0.03	2.2	0.3	0.24	5	<0.5	0.3
20110276	Soil		21	0.39	82	0.052	<1	1.61	0.023	0.08	0.8	0.04	2.2	0.2	0.11	5	<0.5	0.2
20110277	Soil		23	0.42	123	0.037	<1	1.54	0.023	0.08	1.1	0.06	2.0	0.2	0.15	5	<0.5	0.2
20110278	Soil		12	0.22	213	0.035	<1	1.34	0.029	0.06	0.2	0.05	2.6	0.2	0.09	5	<0.5	<0.2
20110279	Soil		8	0.13	193	0.009	<1	0.84	0.023	0.04	<0.1	0.09	1.1	0.1	0.16	2	<0.5	<0.2
20110280	Soil		12	0.26	177	0.024	<1	1.06	0.018	0.07	0.3	0.04	2.0	0.2	0.06	3	<0.5	<0.2
20110282	Soil		14	0.29	190	0.020	<1	1.74	0.019	0.05	0.4	0.07	1.6	0.3	<0.05	5	0.5	0.2
20110283	Soil		16	0.34	179	0.028	1	1.69	0.017	0.06	0.5	0.06	2.2	0.3	0.09	5	<0.5	0.3
20110284	Soil		2	0.06	22	0.034	1	0.21	0.030	0.02	<0.1	<0.01	0.4	<0.1	<0.05	1	<0.5	<0.2
[redacted]																		
20110289	Soil		5	0.05	65	0.029	<1	0.66	0.021	0.03	0.2	0.01	0.6	<0.1	<0.05	3	<0.5	<0.2
20110290	Soil		18	0.27	108	0.064	<1	1.44	0.013	0.06	0.2	0.02	1.9	0.1	<0.05	6	<0.5	<0.2
20110291	Soil		21	0.25	281	0.009	<1	2.38	0.018	0.07	0.5	0.13	1.1	0.2	0.15	6	0.9	0.4
[redacted]																		
20110298	Soil		16	0.26	98	0.064	<1	0.91	0.011	0.07	0.4	<0.01	1.8	<0.1	<0.05	5	<0.5	<0.2
20110299	Soil		17	0.32	156	0.051	<1	1.07	0.021	0.08	0.6	0.01	1.9	0.1	0.07	5	<0.5	0.5
20110409	Soil		17	0.29	150	0.036	<1	1.04	0.016	0.06	0.2	0.08	1.4	0.1	<0.05	4	0.7	0.7

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Project: Charlotte Project
Report Date: September 04, 2011

CERTIFICATE OF ANALYSIS WHI11000932.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		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	1
20110523	Soil	0.7	14.9	12.3	65	1.0	6.0	4.0	108	1.70	10.5	12.9	1.3	20	0.4	1.2	1.7	48	0.25	0.091	8
20110684	Soil	0.5	9.8	28.7	57	0.3	10.9	5.3	176	1.93	34.3	18.2	4.3	21	0.2	1.0	0.5	45	0.34	0.069	11
20110685	Soil	0.2	21.8	4.9	9	0.3	3.2	1.0	129	0.28	2.6	4.8	0.2	24	0.5	0.5	<0.1	5	0.30	0.054	5
20110686	Soil	0.6	28.7	5.9	33	1.3	4.9	10.4	1572	1.68	16.5	25.5	1.0	19	0.4	0.9	1.0	44	0.26	0.064	5
20110687	Soil	0.6	19.0	38.7	82	0.3	11.0	5.6	254	1.93	35.9	17.9	4.0	17	0.2	1.9	1.9	40	0.23	0.038	13
20110688	Soil	0.8	26.4	40.6	77	1.0	10.5	6.9	538	1.96	37.2	20.3	2.1	40	0.2	2.0	1.2	43	0.52	0.095	10
20110689	Soil	0.9	22.4	49.1	124	0.6	14.2	8.1	748	2.49	53.0	22.7	3.2	36	0.7	1.6	0.5	46	0.48	0.067	12
20110690	Soil	0.7	14.1	31.6	101	0.3	12.8	6.8	507	2.27	45.4	18.4	4.4	21	0.3	1.4	0.7	45	0.32	0.065	13
20110691	Soil	0.5	10.3	54.8	130	0.4	10.7	5.1	275	2.00	73.5	63.2	6.1	20	0.7	1.4	0.5	41	0.34	0.073	13
20110692	Soil	0.5	10.5	48.5	139	0.4	12.0	6.6	548	2.08	73.5	34.6	5.9	22	0.8	1.5	0.5	42	0.36	0.074	12
20110693	Soil	0.6	14.6	21.8	80	0.4	10.8	4.6	313	1.83	46.2	17.4	3.2	17	0.4	1.1	0.2	37	0.24	0.059	12
20110694	Soil	0.6	14.3	10.6	24	0.2	4.2	3.2	189	1.67	25.8	3.0	0.9	18	0.1	0.4	<0.1	48	0.26	0.091	6
20110695	Soil	0.3	16.9	4.1	24	0.1	4.5	6.4	286	1.72	5.2	2.9	0.7	14	<0.1	0.2	<0.1	57	0.20	0.084	5
20110696	Soil	0.6	14.1	80.1	163	0.3	15.6	8.1	576	2.22	61.9	15.1	5.1	22	0.9	1.0	0.2	44	0.36	0.079	12
20110697	Soil	0.6	9.8	19.0	50	0.3	5.7	6.0	244	1.90	21.2	4.9	1.1	16	0.2	0.7	<0.1	65	0.21	0.051	4
20110698	Soil	0.5	11.7	40.3	80	0.4	13.9	6.1	260	2.01	49.1	12.3	4.7	19	0.3	0.9	0.2	46	0.30	0.055	12
20110699	Soil	1.2	34.4	182.1	246	3.5	16.3	9.1	1168	3.04	233.6	116.5	6.9	41	1.6	4.6	0.3	45	0.48	0.063	22
20110700	Soil	1.0	20.1	63.4	131	2.6	8.9	8.1	1401	2.43	88.7	27.2	1.2	29	0.5	1.8	0.1	59	0.46	0.092	8
20110701	Soil	0.9	12.2	62.0	85	0.5	11.0	4.8	150	3.02	129.4	5.8	3.4	23	0.3	1.3	0.2	59	0.35	0.072	11
20110702	Soil	0.4	11.5	31.6	81	0.3	12.8	6.9	234	1.75	18.8	8.0	2.7	20	<0.1	0.6	0.3	38	0.33	0.068	9
20110703	Soil	0.6	14.3	21.1	105	1.2	6.3	5.0	297	1.52	42.5	15.1	1.2	18	0.4	0.8	0.2	38	0.22	0.050	6
20110704	Soil	0.5	13.5	73.6	119	0.4	12.4	6.8	266	1.78	33.9	19.8	5.9	23	1.1	1.1	0.3	41	0.32	0.058	15
20110705	Soil	0.3	12.3	82.0	105	0.5	11.3	5.1	201	1.83	25.9	29.2	3.9	30	0.4	0.9	0.8	45	0.40	0.062	11
20110706	Soil	1.0	31.3	57.0	114	1.5	19.7	9.2	480	3.00	35.6	29.7	5.0	39	0.4	1.2	0.8	59	0.51	0.106	21
20110707	Soil	0.4	19.9	40.2	68	0.4	12.0	5.1	233	1.84	21.2	12.9	3.5	23	0.4	0.9	0.5	44	0.33	0.057	12
20110708	Soil	0.5	9.3	37.7	67	0.2	10.0	9.0	363	1.69	17.8	5.9	3.8	21	0.4	0.6	0.4	43	0.33	0.048	10
20110709	Soil	0.4	10.8	43.4	77	0.2	9.2	9.3	389	2.09	24.2	7.3	4.6	24	0.4	0.7	0.3	49	0.34	0.060	13

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	Analyte	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
	MDL	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
20110523	Soil	14	0.25	102	0.041	<1	1.10	0.018	0.04	0.2	0.04	1.8	0.2	0.07	4	<0.5	<0.2
20110684	Soil	20	0.37	142	0.046	<1	1.10	0.013	0.05	0.2	0.01	2.4	0.1	<0.05	3	<0.5	<0.2
20110685	Soil	3	0.05	71	0.014	<1	0.40	0.052	0.03	<0.1	0.02	0.4	<0.1	0.09	2	<0.5	<0.2
20110686	Soil	6	0.08	90	0.056	<1	0.60	0.043	0.03	<0.1	0.01	1.1	<0.1	<0.05	3	<0.5	<0.2
20110687	Soil	20	0.40	134	0.038	<1	1.20	0.011	0.06	0.2	0.02	2.6	0.2	<0.05	4	<0.5	<0.2
20110688	Soil	20	0.32	252	0.026	<1	1.20	0.021	0.05	0.1	0.04	2.7	0.2	0.10	4	<0.5	<0.2
20110689	Soil	24	0.44	246	0.035	<1	1.44	0.014	0.07	0.2	0.03	3.7	0.1	0.06	4	<0.5	<0.2
20110690	Soil	22	0.48	137	0.055	<1	1.43	0.014	0.08	0.2	0.03	2.9	0.1	<0.05	4	<0.5	<0.2
20110691	Soil	21	0.47	102	0.057	<1	1.19	0.014	0.09	0.1	0.03	2.6	0.1	<0.05	4	<0.5	<0.2
20110692	Soil	23	0.50	115	0.060	<1	1.34	0.015	0.09	0.2	0.02	2.9	0.1	<0.05	4	<0.5	<0.2
20110693	Soil	21	0.39	153	0.034	<1	1.27	0.009	0.06	0.2	0.02	2.9	0.1	<0.05	4	<0.5	<0.2
20110694	Soil	9	0.12	54	0.049	<1	0.69	0.027	0.02	<0.1	0.02	1.1	<0.1	0.07	3	<0.5	<0.2
20110695	Soil	7	0.09	53	0.075	<1	0.63	0.040	0.03	<0.1	0.01	0.9	<0.1	<0.05	3	<0.5	<0.2
20110696	Soil	22	0.50	126	0.057	<1	1.37	0.014	0.08	0.1	0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
20110697	Soil	11	0.14	59	0.074	<1	0.52	0.020	0.03	<0.1	0.02	0.9	<0.1	<0.05	4	<0.5	<0.2
20110698	Soil	24	0.47	116	0.068	<1	1.49	0.013	0.08	0.1	0.01	2.8	0.1	<0.05	4	<0.5	<0.2
20110699	Soil	25	0.47	334	0.030	<1	1.85	0.014	0.11	0.2	0.07	6.1	0.2	<0.05	4	0.7	<0.2
20110700	Soil	15	0.22	174	0.043	<1	1.10	0.029	0.06	<0.1	0.07	2.2	0.1	0.07	5	<0.5	<0.2
20110701	Soil	21	0.43	146	0.040	<1	1.31	0.013	0.06	0.2	0.02	2.4	0.1	<0.05	4	<0.5	<0.2
20110702	Soil	22	0.49	111	0.056	<1	1.23	0.014	0.07	0.2	0.02	2.2	0.1	<0.05	4	<0.5	<0.2
20110703	Soil	8	0.10	107	0.047	1	0.78	0.028	0.03	<0.1	0.03	1.4	<0.1	0.05	3	0.7	<0.2
20110704	Soil	23	0.55	169	0.068	1	1.22	0.013	0.08	<0.1	<0.01	3.4	0.1	<0.05	4	<0.5	<0.2
20110705	Soil	23	0.58	175	0.046	<1	1.43	0.013	0.06	0.1	0.02	2.8	0.2	<0.05	4	<0.5	<0.2
20110706	Soil	37	0.65	353	0.025	<1	2.51	0.013	0.10	0.2	0.08	5.9	0.2	0.06	6	0.5	<0.2
20110707	Soil	25	0.49	186	0.046	<1	1.50	0.012	0.05	0.2	0.01	3.1	0.1	<0.05	5	<0.5	<0.2
20110708	Soil	22	0.46	143	0.057	<1	1.20	0.014	0.04	0.2	0.01	2.3	0.1	<0.05	4	<0.5	<0.2
20110709	Soil	21	0.46	151	0.055	<1	1.22	0.013	0.04	0.1	0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
20110710	Soil	23	0.46	162	0.065	<1	1.40	0.017	0.05	0.2	0.02	2.8	0.1	<0.05	5	<0.5	<0.2

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 04, 2011

CERTIFICATE OF ANALYSIS WHI11000932.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL	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	1
[redacted]																				
20110719 Soil	1.4	35.8	42.8	67	1.0	7.3	5.8	223	1.96	56.8	20.5	3.3	24	0.3	5.0	6.2	43	0.19	0.052	10
[redacted]																				

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CERTIFICATE OF ANALYSIS WHI11000932.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	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
MDL	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
[redacted]																
20110719 Soil	13	0.32	78	0.049	<1	0.85	0.016	0.07	0.2	0.01	1.7	0.1	0.07	3	<0.5	0.2
[redacted]																

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QUALITY CONTROL REPORT WHI11000932.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	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	1
Pulp Duplicates																					
20110043	Soil	0.7	19.8	8.1	63	0.4	7.3	4.7	1907	1.08	24.8	8.8	0.2	28	0.9	1.4	<0.1	31	0.37	0.115	6
REP 20110043	QC	0.7	21.2	8.3	66	0.4	7.9	5.1	1951	1.22	25.7	8.0	0.2	28	0.7	1.5	0.1	35	0.40	0.125	6
20110066	Soil	0.3	13.1	26.6	65	1.1	5.2	3.0	123	1.17	19.4	14.8	0.3	25	0.4	2.1	<0.1	34	0.43	0.053	5
REP 20110066	QC	0.3	13.6	27.2	68	1.1	5.1	2.8	123	1.15	19.7	14.1	0.3	25	0.4	2.0	<0.1	33	0.43	0.052	5
20110090	Soil	0.8	10.3	7.4	29	<0.1	9.7	5.3	193	1.95	9.7	10.8	1.3	14	0.2	0.6	0.1	56	0.18	0.029	8
REP 20110090	QC	0.8	10.1	7.3	30	<0.1	9.1	5.4	189	1.99	9.5	11.3	1.3	14	0.2	0.5	0.1	54	0.18	0.029	8
20110092	Soil	1.3	11.8	9.2	41	<0.1	11.0	7.6	217	2.09	12.3	6.2	1.3	16	0.2	0.6	0.3	58	0.17	0.034	7
REP 20110092	QC	1.2	11.2	8.6	40	<0.1	10.6	6.9	197	1.95	11.7	7.9	1.2	16	0.2	0.6	0.2	52	0.16	0.034	7
20110120	Soil	0.8	15.4	29.4	100	1.1	11.9	4.3	238	1.75	92.5	19.0	0.6	24	0.5	3.4	0.2	39	0.25	0.051	7
REP 20110120	QC	0.8	14.9	29.7	95	1.1	11.7	4.5	229	1.71	91.1	20.3	0.6	24	0.4	3.4	0.2	38	0.25	0.049	7
20110127	Soil	0.6	11.7	9.4	65	0.4	8.5	4.3	160	1.48	31.4	7.6	0.4	24	0.4	1.1	0.2	35	0.25	0.061	6
REP 20110127	QC	0.5	11.8	9.3	66	0.4	9.1	4.2	165	1.53	31.2	7.3	0.5	24	0.4	1.1	0.2	36	0.25	0.061	7
20110158	Soil	0.9	16.7	20.9	61	0.7	9.7	5.0	191	1.84	147.1	42.4	1.5	19	0.2	3.8	0.3	43	0.22	0.038	7
REP 20110158	QC	0.8	16.5	21.8	61	0.7	9.4	5.1	191	1.83	145.1	47.0	1.5	19	0.3	3.7	0.3	41	0.21	0.038	7
20110169	Soil	0.7	14.1	23.1	87	0.3	13.9	9.0	510	2.30	58.5	37.4	2.5	30	0.3	2.3	0.2	57	0.29	0.040	11
REP 20110189	QC	0.5	27.2	10.6	52	1.0	6.5	3.0	139	1.37	34.2	19.3	0.3	24	0.2	2.3	0.3	31	0.21	0.061	5
20110215	Soil	0.6	49.3	52.6	111	0.3	15.4	11.8	583	3.10	112.8	21.5	2.9	23	0.6	4.9	0.6	64	0.29	0.071	9
REP 20110215	QC	0.6	49.3	52.9	107	0.2	15.3	11.3	578	3.02	113.8	42.5	2.9	23	0.7	5.2	0.6	64	0.29	0.072	9
20110220	Soil	0.5	21.7	14.0	42	0.3	10.3	6.3	229	1.69	24.4	8.3	1.0	16	0.2	1.6	0.2	39	0.19	0.054	8
REP 20110220	QC	0.5	22.4	13.7	39	0.4	10.6	6.3	218	1.60	23.8	9.1	1.0	15	0.2	1.7	0.2	39	0.19	0.056	8
20110242	Soil	0.8	11.5	11.7	73	0.3	7.5	3.7	148	1.73	22.1	27.2	2.9	33	0.5	1.0	1.7	33	0.29	0.043	10
REP 20110242	QC	0.8	12.1	12.1	79	0.3	8.5	4.1	156	1.85	23.3	47.6	2.9	34	0.5	1.0	1.7	36	0.29	0.044	10
20110273	Soil	0.8	29.0	9.2	22	0.6	5.8	3.2	63	1.74	8.9	14.9	0.3	18	<0.1	0.3	2.4	39	0.11	0.064	6
REP 20110273	QC	0.8	29.9	7.5	22	0.6	5.8	3.1	61	1.72	8.7	16.7	0.2	19	<0.1	0.3	2.3	37	0.11	0.063	6

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Project: Charlotte Project
Report Date: September 04, 2011

QUALITY CONTROL REPORT WHI11000932.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		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
MDL		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																	
20110043	Soil	11	0.19	120	0.022	<1	0.76	0.022	0.03	0.1	0.03	0.9	<0.1	0.08	3	<0.5	<0.2
REP 20110043	QC	12	0.20	124	0.016	<1	0.78	0.024	0.03	<0.1	0.03	1.0	0.1	0.10	3	<0.5	<0.2
20110066	Soil	7	0.10	60	0.038	<1	0.45	0.034	0.03	<0.1	0.09	1.0	<0.1	<0.05	2	<0.5	<0.2
REP 20110066	QC	6	0.10	59	0.037	<1	0.47	0.032	0.03	<0.1	0.09	1.0	<0.1	<0.05	2	<0.5	<0.2
20110090	Soil	20	0.34	56	0.074	<1	0.92	0.015	0.06	0.3	0.02	1.5	0.1	<0.05	6	<0.5	<0.2
REP 20110090	QC	20	0.33	55	0.073	<1	0.92	0.016	0.06	0.4	0.01	1.4	0.1	<0.05	5	<0.5	<0.2
20110092	Soil	20	0.30	60	0.062	1	0.98	0.010	0.06	0.3	0.04	1.7	<0.1	<0.05	5	<0.5	<0.2
REP 20110092	QC	20	0.29	59	0.062	1	0.95	0.010	0.06	0.3	0.03	1.7	<0.1	<0.05	5	<0.5	<0.2
20110120	Soil	19	0.36	118	0.037	<1	1.29	0.020	0.07	0.2	0.05	2.3	0.2	<0.05	5	<0.5	<0.2
REP 20110120	QC	20	0.36	114	0.034	<1	1.23	0.021	0.07	0.1	0.05	2.2	0.2	<0.05	4	<0.5	<0.2
20110127	Soil	17	0.36	108	0.029	<1	1.11	0.013	0.05	0.2	0.04	1.2	<0.1	<0.05	4	<0.5	<0.2
REP 20110127	QC	18	0.36	106	0.032	<1	1.17	0.013	0.05	0.1	0.04	1.4	<0.1	<0.05	5	<0.5	<0.2
20110158	Soil	19	0.37	87	0.041	<1	1.17	0.008	0.06	0.2	0.04	1.9	0.1	<0.05	4	<0.5	<0.2
REP 20110158	QC	19	0.36	88	0.038	<1	1.14	0.007	0.06	0.2	0.03	1.8	0.1	<0.05	4	<0.5	<0.2
20110189	Soil	11	0.18	102	0.027	<1	1.23	0.031	0.05	<0.1	0.06	1.8	0.1	<0.05	4	<0.5	<0.2
REP 20110189	QC	12	0.17	97	0.028	<1	1.14	0.029	0.05	<0.1	0.05	1.7	<0.1	<0.05	4	<0.5	<0.2
20110215	Soil	27	0.57	143	0.059	<1	1.59	0.011	0.13	0.2	0.02	3.6	0.2	<0.05	5	<0.5	0.2
REP 20110215	QC	28	0.56	142	0.059	<1	1.55	0.011	0.13	0.2	0.03	3.5	0.2	<0.05	5	<0.5	0.3
20110220	Soil	19	0.31	95	0.034	<1	1.02	0.011	0.05	0.1	0.03	1.6	0.1	<0.05	4	<0.5	<0.2
REP 20110220	QC	18	0.31	96	0.035	<1	1.05	0.011	0.05	0.2	0.04	1.7	<0.1	0.05	3	<0.5	<0.2
20110242	Soil	16	0.40	101	0.041	<1	1.26	0.013	0.05	0.3	0.01	1.6	0.2	<0.05	4	<0.5	<0.2
REP 20110242	QC	17	0.42	106	0.041	<1	1.34	0.013	0.06	0.2	0.01	1.6	0.2	<0.05	4	<0.5	<0.2
20110273	Soil	11	0.13	30	0.042	<1	0.85	0.023	0.04	0.3	0.03	0.8	0.1	0.12	3	<0.5	0.2
REP 20110273	QC	12	0.13	30	0.045	<1	0.89	0.023	0.04	0.2	0.04	0.7	0.1	0.12	4	<0.5	0.2

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Report Date: September 04, 2011

QUALITY CONTROL REPORT WHI11000932.1

		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	1DX15 La ppm 1
20110694	Soil	0.6	14.3	10.6	24	0.2	4.2	3.2	189	1.67	25.8	3.0	0.9	18	0.1	0.4	<0.1	48	0.26	0.091	6
REP 20110694	QC	0.5	14.4	10.7	26	0.2	4.2	3.3	187	1.63	28.1	2.4	0.9	18	0.2	0.3	<0.1	48	0.25	0.088	6
Reference Materials																					
STD DS8	Standard	15.3	117.5	134.3	315	1.8	40.6	8.1	627	2.55	24.5	111.4	7.5	72	2.2	6.4	6.9	45	0.67	0.074	16
STD DS8	Standard	13.6	118.4	129.9	326	1.9	40.2	7.9	634	2.57	25.9	114.2	6.7	61	2.1	5.4	6.6	45	0.71	0.080	14
STD DS8	Standard	12.2	102.3	121.9	304	1.9	37.0	7.6	568	2.38	25.3	108.2	5.8	57	2.3	5.3	6.3	40	0.60	0.081	11
STD DS8	Standard	11.6	104.5	121.0	299	1.8	36.7	7.2	576	2.37	24.1	107.6	6.0	54	2.2	4.8	6.4	43	0.64	0.077	11
STD DS8	Standard	13.6	123.2	123.9	344	1.9	40.2	8.2	628	2.66	26.9	118.6	7.6	71	2.9	6.4	7.4	44	0.72	0.085	16
STD DS8	Standard	14.4	116.8	129.0	306	1.8	38.9	7.9	615	2.42	25.3	105.7	7.0	67	2.2	5.6	6.9	44	0.69	0.086	17
STD DS8	Standard	13.4	98.0	114.5	296	1.8	37.0	6.9	608	2.42	21.8	104.7	6.4	58	1.9	4.8	5.5	40	0.68	0.073	14
STD DS8	Standard	13.0	99.9	114.2	288	1.8	37.4	6.9	584	2.34	21.0	115.7	6.1	62	2.0	4.6	5.3	40	0.67	0.073	14
STD DS8	Standard	13.1	103.7	120.9	301	1.7	38.3	7.4	588	2.40	22.4	102.1	5.9	63	2.2	5.3	6.1	41	0.67	0.076	14
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	14.6
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	<1
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	<1
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	<1
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	<1
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	<1
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	<1
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	<1
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	<1
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	<1

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Report Date: September 04, 2011

QUALITY CONTROL REPORT WHI11000932.1

		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
20110694	Soil	9	0.12	54	0.049	<1	0.69	0.027	0.02	<0.1	0.02	1.1	<0.1	0.07	3	<0.5	<0.2
REP 20110694	QC	9	0.12	52	0.050	<1	0.63	0.026	0.02	<0.1	0.02	1.0	<0.1	0.05	3	<0.5	<0.2
Reference Materials																	
STD DS8	Standard	127	0.67	292	0.130	3	0.94	0.090	0.41	3.2	0.18	1.9	5.5	0.13	5	5.3	5.3
STD DS8	Standard	129	0.63	279	0.110	2	0.93	0.088	0.43	3.2	0.25	2.1	5.7	0.16	5	5.2	4.7
STD DS8	Standard	104	0.58	245	0.093	1	0.81	0.076	0.38	2.7	0.21	1.7	5.5	0.14	4	5.1	4.5
STD DS8	Standard	114	0.61	249	0.099	2	0.83	0.074	0.40	3.0	0.21	1.7	5.4	0.20	4	4.5	5.0
STD DS8	Standard	117	0.65	317	0.124	3	0.92	0.089	0.42	2.8	0.20	2.0	5.6	0.14	5	5.2	5.3
STD DS8	Standard	122	0.64	290	0.120	3	0.96	0.090	0.40	3.0	0.19	2.2	5.5	0.18	5	5.4	5.0
STD DS8	Standard	122	0.60	259	0.111	2	0.88	0.079	0.41	2.9	0.20	1.9	5.2	0.15	5	5.1	4.7
STD DS8	Standard	127	0.61	259	0.113	2	0.89	0.080	0.37	2.9	0.21	1.8	5.4	0.16	4	5.2	4.9
STD DS8	Standard	120	0.61	258	0.110	2	0.88	0.089	0.46	3.0	0.19	2.3	5.2	0.16	5	5.0	4.7
STD DS8 Expected		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	<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	<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	<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	<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	<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	<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	<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	<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	<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

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Acme Analytical Laboratories (Vancouver) Ltd.
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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: July 29, 2011
Report Date: September 01, 2011
Page: 1 of 11

CERTIFICATE OF ANALYSIS WHI11000933.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-017
P.O. Number
Number of Samples: 283

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	281	Dry at 60C			WHI
SS80	281	Dry at 60C sieve 100g to -80 mesh			WHI
RJSV	281	Saving all or part of Soil Reject			WHI
1DX2	279	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: Nicola Struyk
Bernie Dewonek
Peter Dadson

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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

Project: Charlotte Project
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS WHI11000933.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		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	1
[redacted]																					
20110838	Soil	0.6	16.0	8.9	56	0.4	16.2	7.6	243	2.67	14.7	1.0	3.1	26	0.2	0.6	0.2	61	0.32	0.047	10
20110839	Soil	0.2	4.5	3.2	11	0.3	1.8	1.7	188	0.39	13.5	6.1	0.4	13	<0.1	1.8	<0.1	8	0.11	0.023	2
20110840	Soil	0.6	15.4	9.5	58	0.4	15.2	8.3	326	2.53	21.4	3.8	3.3	27	0.2	1.9	0.2	58	0.36	0.070	11
20110841	Soil	0.4	9.6	9.6	38	0.4	6.8	4.6	287	1.56	37.1	4.2	2.0	25	0.4	1.2	0.1	39	0.34	0.057	10
20110842	Soil	0.4	8.8	7.6	32	0.4	7.4	4.7	279	1.87	28.7	14.6	3.3	18	<0.1	0.9	0.2	46	0.25	0.045	11
20110843	Soil	0.4	9.3	10.5	37	0.5	5.0	5.0	276	1.51	19.7	1.7	0.9	17	0.1	0.8	0.1	45	0.17	0.040	5
20110844	Soil	0.5	9.7	10.6	40	0.3	8.0	4.3	188	1.49	15.4	4.2	2.2	21	<0.1	0.8	0.1	35	0.24	0.029	9
20110845	Soil	0.6	8.2	14.7	37	0.2	9.7	5.1	173	2.20	15.3	3.2	3.2	21	<0.1	0.7	0.1	52	0.33	0.047	10
20110846	Soil	0.6	8.1	14.9	48	0.2	9.3	5.6	172	2.12	19.4	1.8	3.1	21	<0.1	1.4	0.2	45	0.29	0.052	11
[redacted]																					
20110848	Soil	0.3	8.8	5.8	31	0.3	4.5	4.7	165	1.30	18.1	3.6	0.6	19	<0.1	1.7	<0.1	36	0.27	0.030	3
20110849	Soil	0.5	10.1	14.3	43	0.3	9.0	4.9	220	1.74	30.6	9.8	2.6	22	0.2	2.1	0.1	38	0.30	0.027	10
20110850	Soil	0.7	9.7	8.7	35	0.1	9.0	4.5	155	1.88	16.3	2.1	2.3	19	<0.1	1.5	0.1	43	0.18	0.038	9
20110851	Soil	0.2	4.7	4.3	18	0.3	2.8	3.7	160	0.96	12.8	4.5	0.5	16	<0.1	0.8	<0.1	27	0.19	0.052	2
20110852	Soil	0.7	12.0	10.3	42	0.3	9.4	5.2	200	1.88	57.0	17.4	2.6	20	<0.1	11.0	0.2	43	0.21	0.041	9
20110853	Soil	0.6	9.4	14.0	37	0.5	6.7	4.7	254	1.59	57.7	13.5	1.5	20	<0.1	5.1	0.1	35	0.19	0.040	10
20110854	Soil	0.1	4.3	3.5	22	0.3	2.3	2.7	124	1.03	14.2	4.5	0.4	16	<0.1	0.8	<0.1	33	0.22	0.074	4
20110855	Soil	0.3	8.6	10.4	27	0.7	4.4	4.9	343	1.40	36.1	8.0	0.8	16	<0.1	1.1	<0.1	43	0.14	0.032	5
20110856	Soil	0.4	11.4	7.8	26	0.5	4.8	4.5	195	1.19	10.0	3.1	0.8	17	<0.1	0.5	<0.1	31	0.14	0.034	5
20110857	Soil	0.5	8.2	18.6	36	0.2	7.1	3.4	165	1.51	18.1	3.4	2.1	18	<0.1	1.0	0.1	38	0.21	0.035	8

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS WHI11000933.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		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
MDL		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
[redacted]																	
20110838	Soil	33	0.59	229	0.101	2	2.08	0.019	0.13	0.2	0.02	3.2	0.1	<0.05	6	<0.5	<0.2
20110839	Soil	2	0.07	149	0.013	<1	0.50	0.053	0.05	<0.1	0.01	0.5	<0.1	<0.05	1	<0.5	<0.2
20110840	Soil	28	0.52	257	0.083	1	1.74	0.020	0.11	0.2	0.02	3.2	0.2	<0.05	6	<0.5	<0.2
20110841	Soil	13	0.27	176	0.047	1	0.94	0.025	0.08	0.2	0.02	1.7	0.1	<0.05	3	<0.5	<0.2
20110842	Soil	16	0.25	131	0.042	<1	0.75	0.016	0.05	0.2	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
20110843	Soil	9	0.16	123	0.049	<1	0.75	0.024	0.05	0.1	0.01	1.0	<0.1	<0.05	3	<0.5	<0.2
20110844	Soil	16	0.29	163	0.047	<1	0.99	0.016	0.07	0.1	0.02	1.7	0.1	<0.05	3	<0.5	<0.2
20110845	Soil	21	0.32	156	0.046	1	1.24	0.016	0.07	0.3	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
20110846	Soil	19	0.30	173	0.030	<1	1.17	0.013	0.06	0.3	0.01	2.0	0.1	<0.05	4	<0.5	<0.2
[redacted]																	
20110848	Soil	7	0.16	129	0.040	<1	0.96	0.041	0.07	<0.1	0.01	1.1	0.1	<0.05	3	<0.5	<0.2
20110849	Soil	18	0.38	142	0.058	<1	1.20	0.016	0.07	0.1	0.02	2.2	0.1	<0.05	4	<0.5	<0.2
20110850	Soil	18	0.32	204	0.036	<1	1.19	0.009	0.06	0.3	0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
20110851	Soil	5	0.09	99	0.027	<1	0.73	0.030	0.05	<0.1	0.02	0.6	<0.1	<0.05	3	<0.5	<0.2
20110852	Soil	19	0.31	198	0.024	<1	1.36	0.012	0.08	0.2	0.03	2.0	0.2	<0.05	4	<0.5	<0.2
20110853	Soil	12	0.22	176	0.023	<1	0.86	0.016	0.06	0.1	0.03	1.5	0.1	<0.05	3	<0.5	<0.2
20110854	Soil	4	0.08	82	0.036	<1	0.47	0.025	0.05	<0.1	0.02	0.5	<0.1	<0.05	2	<0.5	<0.2
20110855	Soil	7	0.11	126	0.041	<1	0.67	0.023	0.05	<0.1	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
20110856	Soil	10	0.15	102	0.034	<1	0.70	0.021	0.04	<0.1	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
20110857	Soil	15	0.25	137	0.036	<1	0.80	0.012	0.05	0.2	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2

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Project: Charlotte Project
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS WHI11000933.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		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	1
20110858	Soil	0.2	7.7	11.8	28	<0.1	4.6	3.1	163	1.21	13.3	6.3	1.3	19	<0.1	0.7	<0.1	32	0.19	0.040	6
20110859	Soil	0.2	4.3	3.1	16	0.2	2.2	3.2	463	0.78	3.9	1.9	0.4	16	0.1	0.2	<0.1	24	0.18	0.054	3
20110860	Soil	0.7	21.1	18.4	66	0.5	11.0	6.5	391	2.32	51.3	11.1	1.7	55	0.3	3.3	0.2	46	0.91	0.079	8
20110861	Soil	0.2	9.9	5.1	21	0.1	4.5	3.5	133	1.19	9.7	2.5	0.8	19	<0.1	0.6	<0.1	32	0.29	0.059	6
20110862	Soil	0.4	11.1	10.1	35	0.7	5.8	3.5	158	1.40	23.8	8.9	0.8	33	<0.1	2.5	<0.1	32	0.45	0.056	5
20110863	Soil	0.2	5.3	3.4	14	0.2	2.6	1.8	58	0.70	7.2	2.4	0.2	21	<0.1	1.8	<0.1	19	0.19	0.030	2
20110864	Soil	0.5	8.5	24.0	42	0.1	6.7	5.3	307	1.61	36.2	4.7	2.9	21	0.1	3.7	<0.1	39	0.27	0.050	11
20110865	Soil	0.4	13.7	8.2	24	0.4	4.8	2.7	103	1.48	48.8	18.8	0.8	35	<0.1	4.3	0.1	34	0.36	0.070	7
20110866	Soil	0.2	15.1	4.7	18	0.6	4.4	2.1	187	0.65	10.6	17.0	0.4	29	<0.1	4.9	<0.1	12	0.28	0.042	5
20110867	Soil	0.2	15.6	5.2	19	0.6	4.4	2.0	149	0.67	9.9	20.6	0.4	31	<0.1	5.1	<0.1	11	0.27	0.041	5
20110868	Soil	0.2	4.8	8.6	39	0.2	5.1	2.9	124	1.00	14.4	3.7	2.7	18	<0.1	1.4	<0.1	27	0.27	0.058	10
20110869	Soil	0.3	10.9	20.4	45	0.2	7.2	5.2	273	1.34	31.2	17.7	2.4	26	0.3	2.5	<0.1	35	0.34	0.055	11
20110870	Soil	0.5	11.6	11.2	38	0.2	6.4	4.7	478	1.48	36.7	4.5	2.0	22	<0.1	1.4	0.1	34	0.25	0.049	8
20110871	Soil	0.3	5.4	9.8	39	<0.1	5.9	3.4	141	1.25	21.2	6.1	2.3	17	<0.1	1.1	0.1	31	0.23	0.045	8
20110872	Soil	0.3	9.3	20.1	48	0.2	6.5	4.6	235	1.24	33.0	7.9	2.6	21	0.3	2.8	0.1	31	0.30	0.059	10
20110874	Soil	0.3	10.1	16.9	40	0.4	7.0	4.1	203	1.40	33.3	4.1	1.9	23	0.2	2.3	0.2	34	0.27	0.047	8
20110875	Soil	0.5	17.5	25.4	48	1.1	10.7	5.5	262	1.86	52.0	14.0	1.8	27	0.2	3.0	0.1	41	0.29	0.048	10
20110876	Soil	0.4	13.4	31.4	62	0.3	8.6	6.0	295	1.76	51.7	9.0	3.1	24	0.4	3.9	<0.1	42	0.30	0.060	12
20110877	Soil	0.2	10.0	17.5	49	0.5	6.3	5.9	610	1.15	15.3	11.4	1.5	30	0.5	1.6	<0.1	27	0.50	0.053	8
20110878	Soil	0.1	3.5	7.8	30	<0.1	4.3	2.9	98	1.02	7.4	6.4	3.1	16	<0.1	0.9	<0.1	27	0.31	0.061	11
20110879	Soil	0.1	15.4	15.5	34	0.4	5.6	2.7	88	0.83	6.4	12.0	1.2	24	0.3	2.0	<0.1	27	0.37	0.050	9
20110880	Soil	0.6	11.3	28.9	59	0.4	8.5	5.8	421	1.72	52.5	19.7	2.3	25	0.4	3.6	0.2	41	0.33	0.070	12
20110881	Soil	0.3	10.8	20.4	47	0.3	8.2	4.9	117	1.78	29.2	15.3	2.5	19	0.4	2.4	<0.1	33	0.26	0.057	9
20110882	Soil	0.3	6.4	5.1	26	<0.1	7.0	4.5	182	1.25	6.8	<0.5	2.9	10	0.2	0.4	<0.1	30	0.16	0.055	9
20110883	Soil	0.5	8.5	6.4	26	<0.1	7.9	4.0	122	1.86	8.3	0.8	3.5	11	<0.1	0.4	0.1	49	0.15	0.054	9
20110884	Soil	0.2	6.6	3.9	20	<0.1	6.5	3.2	138	1.05	4.6	<0.5	3.5	13	<0.1	0.4	<0.1	24	0.18	0.046	11
20110885	Soil	0.7	13.8	9.0	41	<0.1	10.3	5.1	160	2.33	18.1	2.3	3.1	15	0.2	0.8	0.2	52	0.16	0.047	8
20110886	Soil	1.0	16.9	8.6	45	<0.1	11.9	5.7	195	2.78	19.1	1.7	2.6	16	<0.1	0.9	0.2	66	0.18	0.057	8
20110887	Soil	0.4	9.1	4.5	35	<0.1	11.7	5.9	155	1.67	7.0	<0.5	2.9	12	0.1	0.3	0.1	39	0.19	0.051	8

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Project: Charlotte Project
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS WHI11000933.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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
	MDL	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
20110858	Soil	10	0.16	102	0.034	<1	0.62	0.017	0.05	<0.1	0.01	1.2	<0.1	<0.05	2	<0.5	<0.2
20110859	Soil	4	0.07	88	0.031	<1	0.37	0.031	0.03	<0.1	0.02	0.6	<0.1	<0.05	2	<0.5	<0.2
20110860	Soil	20	0.35	229	0.028	<1	2.14	0.020	0.11	0.2	0.06	3.6	0.2	<0.05	6	<0.5	<0.2
20110861	Soil	8	0.16	93	0.035	<1	0.85	0.023	0.05	<0.1	0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
20110862	Soil	11	0.16	171	0.030	<1	1.27	0.031	0.06	0.1	0.05	1.7	<0.1	<0.05	4	<0.5	<0.2
20110863	Soil	5	0.08	78	0.025	<1	0.65	0.030	0.04	<0.1	0.02	0.6	<0.1	<0.05	2	<0.5	<0.2
20110864	Soil	14	0.27	105	0.041	<1	0.76	0.014	0.05	0.2	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
20110865	Soil	10	0.14	183	0.028	<1	1.22	0.028	0.05	0.1	0.08	1.8	0.1	<0.05	3	<0.5	<0.2
20110866	Soil	7	0.13	181	0.015	<1	0.93	0.031	0.05	<0.1	0.06	1.2	<0.1	<0.05	3	<0.5	<0.2
20110867	Soil	8	0.13	191	0.015	<1	1.02	0.035	0.05	<0.1	0.06	1.3	0.1	<0.05	3	<0.5	<0.2
20110868	Soil	11	0.26	101	0.045	<1	0.63	0.014	0.04	0.1	0.02	1.2	<0.1	<0.05	2	<0.5	<0.2
20110869	Soil	14	0.28	96	0.044	<1	0.76	0.015	0.05	0.2	0.02	1.8	<0.1	<0.05	2	<0.5	<0.2
20110870	Soil	15	0.25	137	0.034	<1	0.74	0.013	0.03	0.2	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
20110871	Soil	13	0.28	94	0.044	<1	0.76	0.011	0.04	0.1	<0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
20110872	Soil	12	0.26	102	0.036	<1	0.73	0.015	0.04	0.1	0.03	1.7	<0.1	<0.05	2	<0.5	<0.2
20110874	Soil	15	0.28	92	0.047	<1	0.91	0.015	0.06	0.1	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
20110875	Soil	20	0.36	153	0.045	<1	1.57	0.012	0.07	0.2	0.04	2.5	0.1	<0.05	4	<0.5	<0.2
20110876	Soil	18	0.36	99	0.058	<1	0.98	0.014	0.09	0.2	0.02	2.7	0.2	<0.05	3	<0.5	<0.2
20110877	Soil	14	0.25	150	0.027	<1	1.10	0.013	0.06	0.1	0.05	2.2	0.1	<0.05	3	<0.5	<0.2
20110878	Soil	10	0.22	63	0.042	<1	0.64	0.012	0.03	0.3	0.02	1.2	<0.1	<0.05	2	<0.5	<0.2
20110879	Soil	13	0.20	155	0.026	<1	1.12	0.021	0.04	<0.1	0.05	2.2	0.1	<0.05	3	<0.5	<0.2
20110880	Soil	15	0.28	95	0.035	<1	0.73	0.016	0.07	0.4	0.03	2.0	0.1	<0.05	3	<0.5	<0.2
20110881	Soil	15	0.31	84	0.045	<1	0.77	0.016	0.06	0.2	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
20110882	Soil	12	0.20	52	0.034	<1	0.80	0.009	0.04	0.1	<0.01	1.1	<0.1	<0.05	3	<0.5	<0.2
20110883	Soil	16	0.20	57	0.043	<1	1.07	0.010	0.03	0.2	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
20110884	Soil	10	0.21	102	0.029	<1	0.53	0.012	0.05	<0.1	<0.01	1.2	<0.1	<0.05	2	<0.5	<0.2
20110885	Soil	24	0.34	76	0.066	<1	1.76	0.011	0.05	0.2	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
20110886	Soil	26	0.30	135	0.069	2	1.75	0.011	0.06	0.2	0.02	2.4	<0.1	<0.05	7	0.5	<0.2
20110887	Soil	18	0.32	75	0.055	<1	1.09	0.012	0.07	0.2	<0.01	2.0	<0.1	<0.05	3	<0.5	<0.2

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		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	1
20110888	Soil	0.6	12.2	4.9	45	<0.1	14.1	6.9	200	1.96	8.1	1.9	2.7	14	0.1	0.4	0.1	43	0.19	0.047	8
20110889	Soil	0.2	6.3	1.8	13	<0.1	2.6	2.3	174	0.74	2.6	0.6	0.3	13	<0.1	0.1	<0.1	25	0.17	0.049	3
20110891	Soil	0.4	14.2	3.5	25	<0.1	5.6	3.5	113	1.19	5.5	1.7	0.2	13	0.2	0.3	<0.1	31	0.15	0.037	6
20110892	Soil	0.4	6.0	4.2	18	<0.1	4.5	3.5	197	1.13	5.2	4.5	1.3	8	<0.1	0.3	<0.1	33	0.09	0.016	6
20110893	Soil	0.9	17.6	5.6	47	0.6	10.8	5.4	371	2.15	63.2	24.4	1.2	22	0.1	2.7	0.2	52	0.27	0.070	15
20110894	Soil	0.2	2.2	3.7	14	<0.1	1.6	4.3	210	1.02	5.8	0.6	0.2	9	<0.1	0.2	<0.1	38	0.12	0.042	2
20110895	Soil	1.5	24.9	2.0	23	0.3	11.3	15.8	5512	1.48	11.3	7.4	0.4	40	0.5	0.6	<0.1	45	0.51	0.063	15
20110897	Soil	0.6	6.4	3.9	28	<0.1	5.0	3.1	114	1.32	8.5	0.5	1.1	11	<0.1	0.9	0.1	42	0.15	0.024	6
20110898	Soil	0.7	16.9	1.2	21	0.1	5.3	10.7	1780	1.50	18.1	4.9	0.3	35	0.2	0.9	<0.1	31	0.64	0.077	6
20110899	Soil	0.6	22.2	9.3	66	0.3	11.8	9.3	627	2.30	124.3	109.4	2.2	28	0.2	4.2	0.1	55	0.37	0.066	11
20110900	Soil	0.4	24.1	7.4	59	0.5	9.1	5.7	672	1.76	218.7	48.1	2.1	37	0.2	6.2	0.1	36	0.71	0.087	12
20110901	Soil	0.1	3.9	2.5	13	0.2	1.7	1.9	117	0.58	7.7	3.8	0.2	10	<0.1	1.0	<0.1	19	0.10	0.026	2
20110902	Soil	0.4	10.3	3.7	29	0.1	5.5	5.8	446	1.56	15.0	3.9	0.9	19	<0.1	0.9	<0.1	37	0.24	0.051	9
20110903	Soil	0.5	13.6	4.7	45	<0.1	10.2	6.1	244	2.33	8.9	12.0	3.6	18	<0.1	1.2	0.1	54	0.29	0.062	15
20110904	Soil	0.4	10.6	4.1	40	<0.1	9.3	6.6	316	2.20	9.2	1.7	3.2	19	0.1	0.7	<0.1	52	0.36	0.064	14
20110906	Soil	0.2	6.2	1.0	15	0.2	2.5	2.7	110	0.81	9.5	2.2	<0.1	11	0.1	0.5	<0.1	31	0.10	0.031	2
20110907	Soil	0.6	10.1	6.2	34	0.2	8.9	4.2	174	2.15	49.5	14.6	2.2	10	<0.1	3.2	0.2	49	0.12	0.026	8
20110908	Soil	0.6	14.2	6.9	44	0.2	11.8	6.1	257	2.15	95.2	24.0	1.9	16	0.1	4.0	0.2	46	0.17	0.037	9
20110909	Soil	0.6	11.7	7.3	38	0.2	10.3	5.1	218	1.98	100.4	15.9	1.5	16	0.1	4.1	0.2	41	0.17	0.042	8
20110910	Soil	0.7	22.6	10.9	68	0.6	13.3	9.1	619	2.70	71.7	25.8	1.9	27	0.2	4.5	0.3	48	0.30	0.076	16
20110911	Soil	0.7	11.9	13.2	39	<0.1	11.0	6.3	564	1.81	21.0	9.4	1.7	18	<0.1	1.2	0.1	43	0.25	0.045	8
20110912	Soil	0.3	9.7	3.0	21	0.2	5.2	3.3	180	1.22	14.6	3.3	0.3	13	<0.1	1.0	0.1	33	0.13	0.038	4
20110913	Soil	0.9	14.8	16.7	35	0.1	10.3	6.1	377	1.73	11.0	1.4	1.4	17	0.1	1.0	0.1	52	0.23	0.024	7
20110914	Soil	0.3	9.6	8.7	53	1.2	4.7	3.9	274	1.40	116.9	17.8	0.2	15	0.2	3.1	<0.1	37	0.16	0.050	4
20110915	Soil	0.7	27.4	6.2	28	0.4	10.5	6.4	516	1.48	6.2	4.1	0.7	28	0.1	0.4	<0.1	42	0.34	0.061	12
20110916	Soil	0.7	17.6	7.2	48	<0.1	16.4	8.7	373	2.81	76.1	18.2	2.8	23	0.2	5.7	0.2	61	0.26	0.028	9
20110917	Soil	1.1	19.7	11.2	52	<0.1	17.9	9.5	381	3.17	344.0	14.2	4.6	21	<0.1	5.6	0.1	64	0.26	0.037	17
20110918	Soil	0.8	20.4	6.2	35	<0.1	13.3	6.8	414	2.51	10.6	77.7	2.1	19	0.3	0.5	0.1	68	0.22	0.034	8
20110919	Soil	0.8	13.8	9.9	62	<0.1	20.3	8.3	328	2.80	10.6	2.7	2.9	19	0.1	0.6	0.2	72	0.21	0.024	10

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	Analyte	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
	MDL	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
20110888	Soil	23	0.42	90	0.070	<1	1.48	0.012	0.08	0.2	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
20110889	Soil	4	0.08	67	0.034	<1	0.29	0.035	0.02	<0.1	<0.01	0.7	<0.1	<0.05	2	<0.5	<0.2
20110891	Soil	12	0.20	72	0.039	<1	0.65	0.019	0.05	0.1	0.04	1.2	<0.1	<0.05	3	<0.5	<0.2
20110892	Soil	9	0.15	43	0.043	<1	0.51	0.011	0.04	0.1	<0.01	0.9	<0.1	<0.05	3	<0.5	<0.2
20110893	Soil	20	0.34	203	0.028	<1	1.60	0.018	0.09	0.2	0.26	5.1	0.3	<0.05	5	0.6	<0.2
20110894	Soil	3	0.06	20	0.051	<1	0.16	0.027	0.02	<0.1	<0.01	0.5	<0.1	<0.05	2	<0.5	<0.2
20110895	Soil	6	0.09	319	0.040	1	0.39	0.031	0.03	0.1	0.09	2.5	0.2	<0.05	3	<0.5	<0.2
20110897	Soil	11	0.22	65	0.051	<1	0.78	0.017	0.05	0.1	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
20110898	Soil	5	0.09	259	0.034	<1	0.37	0.040	0.03	<0.1	0.08	1.5	<0.1	0.06	2	<0.5	<0.2
20110899	Soil	23	0.44	232	0.032	<1	1.41	0.012	0.09	0.2	0.13	4.4	0.4	<0.05	5	<0.5	<0.2
20110900	Soil	17	0.31	320	0.011	1	1.01	0.014	0.10	0.3	0.13	4.3	0.5	<0.05	4	<0.5	<0.2
20110901	Soil	4	0.07	66	0.027	<1	0.21	0.025	0.02	<0.1	0.05	0.8	<0.1	<0.05	1	<0.5	<0.2
20110902	Soil	12	0.19	169	0.031	<1	0.85	0.028	0.06	0.1	0.08	2.7	0.1	<0.05	3	<0.5	<0.2
20110903	Soil	22	0.43	198	0.060	<1	1.29	0.012	0.10	0.3	0.05	4.1	0.2	<0.05	4	<0.5	<0.2
20110904	Soil	19	0.38	165	0.057	1	0.94	0.017	0.09	0.3	0.05	2.7	0.1	<0.05	4	<0.5	<0.2
20110906	Soil	4	0.05	65	0.030	<1	0.24	0.024	0.02	<0.1	0.04	0.7	<0.1	<0.05	2	<0.5	<0.2
20110907	Soil	20	0.27	78	0.036	1	1.11	0.008	0.07	0.2	0.03	2.2	0.2	<0.05	4	<0.5	<0.2
20110908	Soil	21	0.34	130	0.037	<1	1.32	0.011	0.09	0.3	0.05	2.9	0.3	<0.05	4	<0.5	<0.2
20110909	Soil	19	0.29	104	0.033	<1	1.12	0.010	0.10	0.2	0.05	2.6	0.3	<0.05	4	<0.5	<0.2
20110910	Soil	23	0.26	539	0.011	1	1.65	0.018	0.14	0.2	0.45	6.9	0.5	<0.05	5	0.6	<0.2
20110911	Soil	23	0.34	203	0.059	<1	0.93	0.020	0.07	0.2	0.04	2.6	0.2	<0.05	4	<0.5	<0.2
20110912	Soil	9	0.09	213	0.017	1	0.82	0.030	0.06	<0.1	0.08	1.8	0.2	<0.05	3	<0.5	<0.2
20110913	Soil	22	0.23	209	0.050	1	0.99	0.019	0.07	0.1	0.03	2.6	0.2	<0.05	5	<0.5	<0.2
20110914	Soil	10	0.10	201	0.016	1	0.94	0.029	0.08	<0.1	0.17	1.8	0.3	<0.05	3	<0.5	<0.2
20110915	Soil	19	0.21	225	0.043	<1	1.05	0.028	0.04	0.1	0.07	2.1	<0.1	<0.05	4	0.5	<0.2
20110916	Soil	27	0.44	286	0.043	<1	1.90	0.012	0.11	0.2	0.02	4.2	0.3	<0.05	5	<0.5	<0.2
20110917	Soil	29	0.45	299	0.025	2	2.24	0.012	0.19	0.2	0.06	6.8	0.8	<0.05	6	0.7	<0.2
20110918	Soil	24	0.34	243	0.067	<1	1.29	0.017	0.08	0.2	<0.01	2.2	<0.1	<0.05	5	<0.5	<0.2
20110919	Soil	37	0.57	423	0.102	<1	1.97	0.014	0.12	0.2	0.01	3.5	0.1	<0.05	7	<0.5	<0.2

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

Project: Charlotte Project
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS WHI11000933.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		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	1
20110920	Soil	0.7	13.8	6.7	54	<0.1	16.7	7.8	230	2.66	8.5	3.7	2.2	28	0.2	0.5	0.1	68	0.31	0.028	8
20110921	Soil	0.9	13.7	9.4	47	<0.1	13.7	9.0	330	2.62	5.4	1.7	1.6	16	0.2	0.7	0.2	70	0.14	0.026	7
20110922	Soil	0.6	11.8	6.1	35	<0.1	12.3	6.7	405	1.88	10.3	0.9	2.0	17	0.1	0.8	0.1	46	0.19	0.058	8
20110923	Soil	0.9	20.4	11.2	48	0.2	14.7	9.2	514	2.65	15.4	1.8	1.9	20	0.1	0.8	0.2	66	0.19	0.047	9
20110924	Soil	0.9	20.7	8.8	55	0.3	17.2	9.6	433	2.97	17.7	20.7	2.6	20	0.2	0.9	0.2	72	0.20	0.047	9
20110925	Soil	0.8	15.9	8.8	31	<0.1	8.8	5.8	390	1.70	7.7	2.0	2.2	13	0.3	0.6	0.2	49	0.12	0.032	8
20110926	Soil	0.8	24.0	7.9	44	0.1	11.5	8.4	448	2.26	9.7	1.4	1.8	21	0.2	0.8	0.2	59	0.22	0.049	12
20110927	Soil	0.6	12.3	8.4	38	<0.1	7.5	4.4	314	1.49	39.7	2.3	1.9	15	0.3	1.6	0.1	41	0.16	0.032	9
20110928	Soil	0.8	16.7	9.2	58	<0.1	12.7	6.3	230	2.50	4.7	0.7	2.0	18	0.3	0.6	0.2	67	0.15	0.034	9
20110929	Soil	0.7	10.6	11.3	44	<0.1	12.4	6.3	196	2.31	12.4	13.2	2.2	13	0.2	1.1	0.1	56	0.14	0.036	9
20110930	Soil	0.6	12.4	9.4	39	<0.1	12.4	6.3	167	2.42	14.1	1.3	3.1	13	0.2	1.0	0.1	60	0.15	0.036	9
20110931	Soil	0.5	10.4	6.0	23	<0.1	6.4	4.0	170	1.36	2.7	0.7	0.3	16	0.2	0.4	<0.1	42	0.16	0.022	4
20110932	Soil	0.9	10.3	10.8	45	0.1	11.3	8.3	551	2.29	18.5	1.0	1.5	19	0.3	1.1	0.2	61	0.17	0.040	7
20110933	Soil	0.4	12.5	8.4	28	<0.1	8.9	5.4	225	1.71	15.9	1.4	2.0	20	0.2	0.9	<0.1	46	0.22	0.053	8
20110934	Soil	0.7	14.5	7.8	48	0.3	10.7	8.0	508	2.09	26.2	2.3	1.1	23	0.3	0.8	0.2	55	0.23	0.053	8
20110935	Soil	1.2	31.6	11.3	37	0.2	11.9	15.8	1642	2.30	18.7	2.6	1.0	41	0.2	1.0	0.2	60	0.47	0.069	14
20110936	Soil	0.6	10.9	6.4	39	<0.1	10.9	5.5	209	1.98	25.1	1.4	1.6	21	0.1	0.8	0.1	54	0.28	0.044	8
20110937	Soil	0.4	16.1	5.3	28	<0.1	6.2	7.0	401	1.62	14.5	1.2	1.2	19	0.1	0.7	0.1	49	0.20	0.048	8
20110939	Soil	0.6	11.8	7.7	37	0.1	10.2	5.9	253	2.19	40.3	1.3	2.3	24	0.1	1.4	0.1	56	0.24	0.021	8
20110940	Soil	0.4	8.8	6.1	27	<0.1	6.1	3.4	94	1.32	6.4	0.9	1.1	14	<0.1	0.4	<0.1	38	0.18	0.030	6
20110941	Soil	0.8	8.7	7.6	26	<0.1	5.4	2.6	75	1.57	13.7	1.0	1.3	8	0.2	1.7	0.2	51	0.07	0.015	5
20110942	Soil	0.6	12.5	8.5	41	0.2	8.7	7.4	522	1.74	11.4	1.1	1.9	22	0.3	0.6	0.1	46	0.22	0.067	8
20110943	Soil	0.7	46.2	9.2	47	0.2	12.3	9.4	1175	2.06	19.3	1.9	1.8	28	0.4	1.1	0.2	53	0.28	0.040	11
20110944	Soil	0.8	10.2	10.3	55	<0.1	14.0	9.1	345	2.62	6.3	<0.5	2.0	17	0.4	0.5	0.2	70	0.18	0.035	8
20110945	Soil	0.4	11.5	6.2	37	<0.1	12.5	6.0	191	2.03	11.7	2.9	2.9	17	0.1	0.5	0.1	51	0.21	0.067	9
20110946	Soil	0.7	11.6	9.6	39	<0.1	9.6	5.3	233	2.14	6.8	67.8	2.1	23	0.2	0.8	0.2	55	0.26	0.032	8
20110947	Soil	0.1	11.1	1.3	10	<0.1	2.8	2.4	110	0.71	3.4	1.0	0.5	20	<0.1	0.3	<0.1	22	0.36	0.052	5
20110948	Soil	0.3	11.8	3.9	23	<0.1	7.0	4.7	176	1.29	8.4	1.7	1.6	24	<0.1	0.6	<0.1	36	0.41	0.054	7
20110949	Soil	0.4	10.6	6.1	38	<0.1	9.5	5.2	207	1.99	14.0	2.2	2.7	19	<0.1	0.9	0.1	53	0.29	0.022	9
20110950	Soil	0.6	60.6	10.7	52	0.5	27.8	4.5	225	1.76	26.3	12.9	1.0	91	0.3	3.9	0.1	30	1.55	0.085	16

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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
	MDL	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
20110920	Soil	33	0.52	254	0.092	<1	1.86	0.015	0.11	0.2	0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
20110921	Soil	28	0.39	245	0.059	1	1.51	0.011	0.06	0.2	<0.01	1.9	<0.1	<0.05	6	<0.5	<0.2
20110922	Soil	21	0.32	181	0.040	<1	1.17	0.010	0.06	0.2	0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
20110923	Soil	30	0.48	285	0.079	2	1.64	0.014	0.09	0.2	0.03	2.5	0.1	<0.05	6	<0.5	<0.2
20110924	Soil	35	0.54	291	0.089	2	1.87	0.014	0.11	0.2	0.04	3.2	0.1	<0.05	7	<0.5	<0.2
20110925	Soil	19	0.25	186	0.057	<1	0.99	0.014	0.06	0.1	0.03	1.8	0.1	<0.05	5	<0.5	<0.2
20110926	Soil	24	0.29	276	0.055	<1	1.21	0.016	0.06	0.1	0.02	2.4	0.1	<0.05	5	<0.5	<0.2
20110927	Soil	16	0.24	246	0.033	<1	0.88	0.009	0.05	0.2	0.02	1.6	0.1	<0.05	4	<0.5	<0.2
20110928	Soil	24	0.37	257	0.066	<1	1.45	0.014	0.07	0.1	<0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
20110929	Soil	24	0.35	194	0.036	<1	1.23	0.010	0.10	0.2	<0.01	2.0	0.2	<0.05	5	<0.5	<0.2
20110930	Soil	24	0.33	209	0.035	<1	1.37	0.010	0.11	0.2	0.01	2.2	0.2	<0.05	5	<0.5	<0.2
20110931	Soil	12	0.17	129	0.045	<1	0.65	0.019	0.05	<0.1	0.02	0.8	<0.1	<0.05	3	<0.5	<0.2
20110932	Soil	23	0.36	265	0.056	<1	1.26	0.018	0.08	0.2	<0.01	1.9	0.2	<0.05	5	<0.5	<0.2
20110933	Soil	16	0.22	135	0.043	<1	0.86	0.018	0.05	0.1	0.01	1.9	<0.1	<0.05	3	<0.5	<0.2
20110934	Soil	22	0.37	248	0.055	1	1.17	0.015	0.09	0.1	0.02	1.8	0.1	<0.05	5	<0.5	<0.2
20110935	Soil	23	0.30	369	0.037	<1	1.64	0.023	0.08	0.2	0.04	2.7	0.1	<0.05	6	<0.5	<0.2
20110936	Soil	23	0.34	197	0.059	1	1.23	0.014	0.08	0.2	0.02	2.1	0.1	<0.05	5	<0.5	<0.2
20110937	Soil	14	0.19	166	0.050	<1	0.72	0.018	0.06	0.2	0.01	1.5	0.1	<0.05	4	<0.5	<0.2
20110939	Soil	24	0.35	267	0.045	1	1.26	0.014	0.10	0.2	<0.01	3.0	0.2	<0.05	5	<0.5	<0.2
20110940	Soil	13	0.20	131	0.043	<1	0.83	0.017	0.05	0.1	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
20110941	Soil	11	0.11	74	0.024	<1	0.78	0.013	0.03	0.1	<0.01	0.8	<0.1	<0.05	4	<0.5	<0.2
20110942	Soil	19	0.30	215	0.055	<1	1.10	0.017	0.08	0.2	0.02	2.0	0.1	<0.05	5	<0.5	<0.2
20110943	Soil	21	0.27	317	0.058	<1	1.18	0.027	0.10	0.1	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
20110944	Soil	29	0.45	180	0.084	<1	1.63	0.013	0.08	0.2	<0.01	2.2	0.1	<0.05	6	<0.5	<0.2
20110945	Soil	22	0.31	137	0.053	1	1.16	0.013	0.08	0.2	<0.01	1.6	<0.1	<0.05	4	<0.5	<0.2
20110946	Soil	20	0.28	238	0.052	<1	0.90	0.013	0.06	0.2	<0.01	1.9	<0.1	<0.05	5	<0.5	<0.2
20110947	Soil	4	0.06	158	0.029	1	0.47	0.048	0.03	<0.1	0.03	0.9	<0.1	<0.05	2	<0.5	<0.2
20110948	Soil	13	0.22	161	0.054	<1	0.81	0.027	0.06	0.2	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
20110949	Soil	21	0.37	142	0.067	1	0.91	0.014	0.08	0.2	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
20110950	Soil	19	0.26	780	0.018	3	1.75	0.027	0.10	0.1	0.21	4.1	0.2	0.13	4	0.7	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		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	1
20110951	Soil	0.6	53.5	6.1	49	0.3	25.2	4.9	211	1.50	23.3	9.9	0.8	94	0.3	3.8	0.1	27	1.66	0.084	16
20110952	Soil	0.6	22.2	7.4	41	0.2	10.1	10.3	1192	1.61	24.8	9.7	1.3	36	0.1	2.7	<0.1	40	0.57	0.091	11
20110953	Soil	0.3	11.5	8.2	42	0.1	7.3	4.7	163	1.61	26.2	3.8	2.4	21	<0.1	2.5	<0.1	44	0.34	0.076	8
20110954	Soil	0.8	28.8	12.4	44	0.2	7.3	6.3	601	1.61	54.5	5.2	1.4	23	0.4	2.1	0.2	39	0.31	0.035	8
20110955	Soil	0.3	7.6	4.3	22	<0.1	7.3	3.6	139	1.11	6.6	0.6	2.5	15	<0.1	0.5	<0.1	28	0.21	0.044	9
20110956	Soil	0.3	7.5	3.9	19	<0.1	7.2	3.5	104	0.95	7.8	<0.5	2.5	14	<0.1	0.3	<0.1	24	0.17	0.038	7
20110957	Soil	0.4	13.5	4.2	22	<0.1	5.2	4.0	233	1.03	4.2	<0.5	0.7	19	0.3	0.3	<0.1	28	0.17	0.042	12
20110958	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
20110959	Soil	0.8	18.3	12.1	62	0.2	14.9	8.8	504	2.50	20.0	3.9	2.1	22	0.2	0.9	0.2	61	0.31	0.031	14
20110960	Soil	0.4	10.6	5.3	38	<0.1	11.0	6.0	198	1.98	15.8	3.4	2.5	15	<0.1	1.2	0.1	46	0.20	0.023	10
20110961	Soil	<0.1	3.8	1.1	14	0.2	2.0	2.2	48	0.73	2.6	1.9	0.2	11	<0.1	0.2	<0.1	29	0.18	0.044	3
20110962	Soil	0.7	39.2	12.4	47	0.3	16.3	6.3	434	2.34	32.0	12.4	2.9	30	0.1	3.5	0.2	50	0.52	0.081	31
20110963	Soil	0.2	5.8	1.2	15	<0.1	2.6	3.1	176	0.86	2.3	1.1	0.2	13	<0.1	0.3	<0.1	32	0.24	0.050	4
20110964	Soil	0.7	39.9	8.3	39	<0.1	13.8	7.7	360	2.05	10.2	1.6	1.1	37	0.1	0.5	0.2	61	0.53	0.050	11
20110965	Soil	0.6	10.7	7.2	29	<0.1	8.8	5.0	283	2.18	8.8	1.5	3.0	19	<0.1	0.5	0.1	58	0.35	0.052	13
20110966	Soil	0.4	14.8	2.7	17	<0.1	5.4	3.8	174	1.38	8.1	2.9	0.6	24	<0.1	0.3	<0.1	37	0.41	0.060	7
20110967	Soil	0.3	21.1	3.1	13	<0.1	5.0	3.1	258	0.70	3.3	2.4	0.4	23	0.2	0.5	<0.1	21	0.37	0.060	7
20110968	Soil	0.5	4.3	9.8	40	0.1	5.8	3.4	236	1.06	19.3	4.4	3.0	15	0.1	1.2	0.2	33	0.29	0.054	11
20110969	Soil	0.6	15.6	6.1	37	<0.1	15.0	7.2	180	2.28	7.7	1.8	2.8	16	0.1	0.4	0.1	51	0.18	0.037	8
20110970	Soil	0.3	8.2	3.8	24	<0.1	8.2	3.7	101	1.26	5.4	0.7	2.6	10	0.1	0.3	<0.1	33	0.18	0.043	9
20110971	Soil	0.5	11.3	6.7	31	<0.1	9.6	5.1	130	1.76	12.4	1.4	1.5	11	0.1	0.6	0.1	42	0.12	0.055	6
20110972	Soil	0.6	14.4	6.2	30	<0.1	13.1	6.8	152	1.75	14.7	1.0	2.1	11	<0.1	0.8	0.1	37	0.14	0.061	6
20110973	Soil	0.3	13.2	3.9	24	<0.1	9.3	4.7	136	1.50	5.3	0.7	2.7	10	0.1	0.3	<0.1	38	0.17	0.041	8
20110974	Soil	0.5	11.7	6.1	29	<0.1	10.2	4.5	107	1.91	12.7	1.8	3.1	9	<0.1	1.0	0.1	45	0.13	0.030	9
20110975	Soil	0.5	4.7	4.4	18	<0.1	3.4	3.0	107	0.86	5.6	1.6	1.2	8	<0.1	0.4	0.1	27	0.10	0.022	5
20110977	Soil	0.6	29.8	12.5	51	1.2	13.0	5.7	244	2.12	48.8	32.5	1.8	32	0.2	3.7	0.2	45	0.53	0.072	17
20110978	Soil	0.3	22.5	1.2	20	0.1	7.3	3.2	352	0.68	3.9	3.2	0.3	55	0.3	1.3	<0.1	21	1.38	0.073	6
20110979	Soil	0.8	28.6	21.3	94	0.4	17.3	9.4	437	2.80	47.5	12.2	2.9	43	0.2	3.3	0.2	71	0.76	0.078	13
20110980	Soil	0.5	12.2	7.1	48	<0.1	11.4	5.1	187	1.98	25.2	3.4	2.3	19	0.1	1.5	0.2	49	0.35	0.021	9
20110981	Soil	0.7	28.4	11.0	41	0.2	11.7	7.5	297	2.04	22.9	5.1	1.0	21	0.2	1.4	0.1	51	0.32	0.045	9

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Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS WHI11000933.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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
	MDL	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
20110951	Soil	18	0.23	765	0.019	3	1.53	0.026	0.09	0.1	0.20	3.5	0.2	0.13	4	0.8	<0.2
20110952	Soil	17	0.24	282	0.049	2	0.84	0.029	0.09	0.1	0.12	3.5	0.2	0.07	3	0.7	<0.2
20110953	Soil	15	0.30	150	0.059	<1	0.76	0.021	0.10	0.2	0.04	2.4	0.2	<0.05	3	<0.5	<0.2
20110954	Soil	13	0.17	138	0.032	<1	0.65	0.022	0.04	0.2	0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
20110955	Soil	11	0.21	85	0.039	<1	0.59	0.014	0.05	0.1	<0.01	1.2	<0.1	<0.05	2	<0.5	<0.2
20110956	Soil	10	0.19	65	0.035	<1	0.63	0.013	0.04	<0.1	<0.01	1.1	<0.1	<0.05	2	<0.5	<0.2
20110957	Soil	10	0.14	113	0.029	<1	0.71	0.017	0.03	<0.1	0.01	0.9	<0.1	<0.05	3	<0.5	<0.2
20110958	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
20110959	Soil	30	0.45	305	0.051	2	1.44	0.011	0.10	0.2	0.03	3.5	0.2	<0.05	6	<0.5	<0.2
20110960	Soil	21	0.33	161	0.050	2	0.95	0.012	0.06	0.2	0.02	2.4	0.1	<0.05	3	<0.5	<0.2
20110961	Soil	4	0.06	51	0.036	1	0.26	0.030	0.04	<0.1	0.03	0.5	<0.1	0.05	2	<0.5	<0.2
20110962	Soil	28	0.30	396	0.043	1	1.54	0.016	0.07	0.3	0.26	6.1	0.2	0.10	4	<0.5	<0.2
20110963	Soil	4	0.07	72	0.043	<1	0.24	0.034	0.02	<0.1	0.03	0.6	<0.1	0.06	2	<0.5	<0.2
20110964	Soil	25	0.35	276	0.051	<1	1.12	0.015	0.07	0.1	0.03	2.6	<0.1	0.06	6	<0.5	<0.2
20110965	Soil	21	0.27	119	0.044	<1	0.83	0.012	0.06	0.3	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
20110966	Soil	9	0.11	107	0.036	1	0.67	0.038	0.04	0.1	0.05	1.5	<0.1	0.06	3	<0.5	<0.2
20110967	Soil	9	0.11	101	0.020	<1	0.50	0.027	0.03	0.2	0.04	1.1	<0.1	0.10	2	<0.5	<0.2
20110968	Soil	12	0.21	87	0.032	<1	0.62	0.012	0.04	0.2	0.02	1.4	<0.1	<0.05	2	<0.5	<0.2
20110969	Soil	26	0.36	89	0.064	1	1.87	0.012	0.06	0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
20110970	Soil	12	0.23	64	0.034	<1	0.78	0.011	0.04	0.1	<0.01	1.4	<0.1	<0.05	2	<0.5	<0.2
20110971	Soil	16	0.22	81	0.038	<1	1.36	0.011	0.04	0.1	0.02	1.8	<0.1	<0.05	5	<0.5	<0.2
20110972	Soil	18	0.24	83	0.038	1	2.10	0.009	0.05	0.2	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
20110973	Soil	15	0.24	52	0.043	<1	0.92	0.012	0.05	0.2	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
20110974	Soil	18	0.24	83	0.043	<1	1.40	0.008	0.04	0.2	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
20110975	Soil	8	0.12	39	0.041	<1	0.55	0.007	0.04	<0.1	<0.01	1.0	<0.1	<0.05	4	<0.5	<0.2
20110977	Soil	23	0.26	289	0.025	2	1.49	0.025	0.09	0.2	0.29	6.8	0.2	0.06	4	<0.5	<0.2
20110978	Soil	7	0.09	142	0.027	2	0.48	0.036	0.02	<0.1	0.12	1.0	<0.1	0.17	2	<0.5	<0.2
20110979	Soil	35	0.56	248	0.066	2	1.59	0.018	0.18	0.2	0.12	7.0	0.3	0.06	5	<0.5	<0.2
20110980	Soil	23	0.38	154	0.054	<1	1.10	0.013	0.08	0.2	0.02	2.8	0.2	<0.05	4	<0.5	<0.2
20110981	Soil	21	0.20	178	0.030	<1	1.29	0.020	0.08	0.1	0.04	2.5	0.2	<0.05	5	<0.5	<0.2

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		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	1
20110982	Soil	0.5	14.5	4.1	31	<0.1	7.3	4.1	147	1.60	14.1	1.9	1.0	17	<0.1	0.8	<0.1	47	0.27	0.036	8
20110983	Soil	0.4	10.1	6.2	24	<0.1	7.9	3.1	133	1.40	13.5	3.2	2.0	17	<0.1	1.0	<0.1	34	0.31	0.049	12
20110984	Soil	1.1	5.7	2.3	22	<0.1	5.2	5.3	334	2.52	7.1	1.2	0.3	12	<0.1	0.3	<0.1	52	0.14	0.035	6
20110985	Soil	0.2	9.7	5.3	15	<0.1	5.1	3.4	86	0.84	1.0	0.7	<0.1	13	<0.1	0.1	<0.1	34	0.16	0.053	3
20110986	Soil	0.2	11.1	2.4	15	0.1	4.7	2.6	85	0.86	2.9	1.6	0.4	15	<0.1	0.2	<0.1	28	0.20	0.035	19
20110987	Soil	0.4	8.6	4.5	23	<0.1	8.4	4.0	133	1.30	5.1	1.2	3.1	11	<0.1	0.3	<0.1	31	0.21	0.049	9
20110988	Soil	0.6	7.7	5.7	34	<0.1	9.1	4.9	174	2.42	11.8	68.8	3.0	11	<0.1	0.5	0.1	66	0.19	0.046	11
20110989	Soil	0.9	8.4	6.1	34	<0.1	8.7	5.9	223	2.00	13.7	4.7	2.5	11	0.2	0.7	0.1	52	0.17	0.044	9
20110990	Soil	0.6	9.1	5.0	29	<0.1	9.6	4.9	174	2.34	19.9	81.3	2.8	9	0.1	1.4	0.1	55	0.18	0.056	9
20110991	Soil	0.6	12.5	6.5	30	<0.1	8.1	5.0	294	1.82	8.0	1.3	1.1	12	0.2	0.5	0.1	50	0.17	0.046	9
20110992	Soil	0.5	9.4	5.0	27	<0.1	8.5	4.8	166	1.62	10.1	9.6	2.1	13	<0.1	0.8	<0.1	42	0.19	0.032	10
20110993	Soil	0.5	9.4	4.8	26	<0.1	7.8	4.5	158	1.59	9.8	2.5	2.2	13	<0.1	0.8	0.1	43	0.20	0.032	11
20110994	Soil	0.9	13.6	7.1	28	<0.1	7.8	5.7	365	1.69	6.2	2.2	2.2	14	<0.1	0.5	0.2	53	0.17	0.032	12
20110995	Soil	0.6	12.3	5.1	46	<0.1	16.9	10.8	670	2.99	52.9	3.1	2.5	15	<0.1	3.1	<0.1	68	0.20	0.064	8
20110996	Soil	1.1	21.1	10.3	23	0.9	11.0	15.4	1547	3.23	94.0	25.2	0.4	29	0.1	7.4	0.2	50	0.34	0.102	11
20110997	Soil	0.9	14.7	12.9	33	0.7	7.4	5.6	431	3.00	104.6	27.5	1.2	30	<0.1	6.7	0.3	53	0.34	0.065	10
20110998	Soil	0.3	13.8	4.8	21	0.1	6.0	3.0	213	0.86	7.0	7.5	0.1	31	0.3	1.0	<0.1	16	0.59	0.077	5
20110999	Soil	0.5	12.4	4.7	30	0.2	5.0	2.0	803	0.76	8.7	6.7	0.5	14	0.1	0.8	0.1	23	0.28	0.052	6
20111000	Soil	0.6	5.3	8.4	36	<0.1	6.1	3.1	263	1.05	17.7	4.6	0.8	16	0.3	0.8	0.1	28	0.28	0.031	6
20111001	Soil	0.2	3.1	1.7	9	<0.1	2.1	1.4	39	0.63	1.6	<0.5	0.2	8	<0.1	0.2	<0.1	16	0.08	0.023	3
20111002	Soil	0.6	12.7	7.0	43	<0.1	10.9	4.7	124	1.78	6.3	3.9	2.4	10	0.1	0.4	<0.1	47	0.12	0.027	7
20111003	Soil	0.4	9.1	3.7	22	<0.1	6.8	4.0	103	1.38	4.4	1.6	1.7	9	<0.1	0.3	<0.1	37	0.13	0.036	6
20111004	Soil	0.5	13.5	5.2	35	0.1	7.4	5.5	214	1.46	5.4	0.7	1.5	15	<0.1	0.5	<0.1	36	0.21	0.048	11
20111005	Soil	0.4	8.8	4.7	34	<0.1	9.9	4.3	127	1.64	4.9	17.4	1.8	11	<0.1	0.3	<0.1	42	0.19	0.043	10
20111006	Soil	0.7	10.6	8.4	30	<0.1	8.7	4.5	190	1.95	6.0	52.0	2.2	11	<0.1	0.4	<0.1	54	0.16	0.043	9
20111007	Soil	0.9	14.6	6.2	46	<0.1	10.4	5.6	208	2.53	18.3	7.8	2.1	15	<0.1	0.9	0.1	64	0.21	0.030	11
20111008	Soil	0.4	19.8	6.5	20	0.3	8.5	1.9	67	0.86	13.9	2.6	0.2	20	0.2	1.1	<0.1	21	0.20	0.038	12
20111009	Soil	0.7	10.2	6.9	38	<0.1	11.9	5.8	235	2.41	21.6	28.3	3.0	14	<0.1	1.6	0.1	55	0.19	0.035	9
20111010	Soil	0.8	11.9	6.9	38	<0.1	10.9	5.7	223	2.88	44.4	4.3	2.3	15	<0.1	6.0	0.1	65	0.20	0.035	9
20111011	Soil	0.7	11.9	7.9	38	0.1	13.6	5.8	178	2.86	15.3	2.4	2.3	14	<0.1	0.7	0.1	64	0.18	0.048	8

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	Analyte	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
	MDL	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
20110982	Soil	16	0.19	150	0.045	<1	0.82	0.015	0.06	0.1	0.03	1.9	0.1	<0.05	4	<0.5	<0.2
20110983	Soil	16	0.23	103	0.032	<1	0.72	0.012	0.06	0.2	0.06	1.9	<0.1	<0.05	3	<0.5	<0.2
20110984	Soil	9	0.11	63	0.048	<1	0.40	0.025	0.03	<0.1	0.02	0.9	<0.1	0.06	2	<0.5	<0.2
20110985	Soil	9	0.05	37	0.041	<1	0.35	0.039	0.03	<0.1	0.02	0.3	<0.1	<0.05	2	<0.5	<0.2
20110986	Soil	9	0.09	77	0.027	<1	0.48	0.022	0.03	<0.1	0.03	1.2	<0.1	<0.05	2	<0.5	<0.2
20110987	Soil	14	0.24	64	0.036	<1	0.74	0.011	0.05	0.1	0.01	1.4	<0.1	<0.05	2	<0.5	<0.2
20110988	Soil	22	0.30	93	0.062	1	0.92	0.009	0.05	0.3	<0.01	1.9	<0.1	<0.05	5	<0.5	<0.2
20110989	Soil	20	0.27	77	0.055	<1	1.12	0.009	0.06	0.2	0.01	2.2	0.1	<0.05	5	<0.5	<0.2
20110990	Soil	19	0.25	55	0.050	<1	1.02	0.008	0.05	0.3	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2
20110991	Soil	16	0.21	80	0.048	<1	0.81	0.012	0.04	0.1	<0.01	1.4	<0.1	<0.05	5	<0.5	<0.2
20110992	Soil	18	0.25	95	0.051	<1	0.84	0.008	0.05	0.2	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2
20110993	Soil	18	0.26	94	0.054	<1	0.85	0.009	0.05	0.2	0.02	2.2	0.1	<0.05	4	<0.5	<0.2
20110994	Soil	20	0.24	111	0.060	<1	0.73	0.011	0.05	0.3	0.01	2.1	0.1	<0.05	4	<0.5	<0.2
20110995	Soil	30	0.36	113	0.030	1	1.37	0.010	0.10	0.2	0.04	4.7	0.4	<0.05	5	<0.5	<0.2
20110996	Soil	14	0.12	342	0.021	1	0.78	0.022	0.04	<0.1	0.12	1.9	0.1	0.07	3	<0.5	<0.2
20110997	Soil	17	0.21	344	0.018	1	1.05	0.015	0.07	0.2	0.26	2.6	0.2	<0.05	4	0.9	<0.2
20110998	Soil	9	0.09	99	0.022	1	0.38	0.025	0.02	<0.1	0.07	0.8	<0.1	0.08	1	<0.5	<0.2
20110999	Soil	8	0.10	88	0.034	<1	0.39	0.032	0.02	<0.1	0.01	1.2	<0.1	<0.05	2	0.7	<0.2
20111000	Soil	11	0.16	45	0.030	<1	0.48	0.017	0.03	0.2	<0.01	1.1	<0.1	<0.05	2	0.6	<0.2
20111001	Soil	5	0.04	29	0.025	<1	0.24	0.021	0.02	<0.1	0.01	0.3	<0.1	<0.05	2	<0.5	<0.2
20111002	Soil	18	0.25	77	0.050	<1	1.35	0.011	0.04	0.1	<0.01	1.9	<0.1	<0.05	4	<0.5	<0.2
20111003	Soil	11	0.16	41	0.047	<1	0.75	0.014	0.03	<0.1	<0.01	1.1	<0.1	<0.05	3	<0.5	<0.2
20111004	Soil	15	0.29	109	0.052	<1	1.04	0.017	0.10	0.1	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
20111005	Soil	18	0.33	84	0.059	1	1.16	0.010	0.07	0.2	<0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
20111006	Soil	18	0.24	61	0.061	<1	0.74	0.011	0.06	0.3	<0.01	1.4	<0.1	<0.05	4	<0.5	<0.2
20111007	Soil	23	0.42	118	0.080	<1	1.28	0.012	0.08	0.2	0.01	3.3	0.1	<0.05	5	<0.5	<0.2
20111008	Soil	11	0.10	117	0.019	<1	0.52	0.027	0.05	0.1	0.14	1.6	0.2	<0.05	2	<0.5	<0.2
20111009	Soil	24	0.37	101	0.057	<1	1.33	0.010	0.07	0.3	0.02	3.1	0.1	<0.05	4	0.6	<0.2
20111010	Soil	25	0.37	89	0.076	<1	1.13	0.010	0.09	0.2	0.01	2.9	0.2	<0.05	6	<0.5	<0.2
20111011	Soil	25	0.37	117	0.079	<1	1.44	0.011	0.07	0.2	0.03	2.4	0.1	<0.05	6	0.9	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		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	1
20111012	Soil	0.5	7.5	4.7	21	<0.1	5.7	3.1	170	1.33	4.6	4.8	1.1	13	<0.1	0.3	0.1	40	0.14	0.021	7
20111013	Soil	0.7	12.7	10.2	34	0.1	11.8	5.8	280	1.99	23.0	6.8	1.0	12	<0.1	0.8	0.1	52	0.13	0.040	6
20111014	Soil	0.9	14.2	8.6	54	0.1	16.8	8.0	302	3.24	43.2	16.1	2.2	16	<0.1	1.4	0.2	72	0.18	0.045	9
20111015	Soil	0.8	14.6	9.8	48	<0.1	13.7	6.8	202	3.70	18.5	<0.5	2.8	12	<0.1	0.7	0.2	81	0.15	0.036	10
20111017	Soil	0.4	6.4	5.5	27	<0.1	6.8	4.1	215	1.31	5.4	5.9	2.0	16	0.1	0.3	<0.1	33	0.29	0.048	9
20111018	Soil	0.2	5.0	2.3	24	<0.1	5.7	2.7	105	0.89	3.7	2.7	1.3	14	<0.1	0.2	0.1	20	0.20	0.042	7
20111019	Soil	0.3	12.4	6.4	27	<0.1	9.5	4.5	149	1.57	6.1	3.7	3.2	10	0.2	0.4	<0.1	40	0.20	0.048	10
20111020	Soil	0.3	6.9	3.9	23	<0.1	7.7	3.5	169	1.25	4.8	2.1	2.8	12	0.1	0.3	<0.1	29	0.21	0.043	10
20111021	Soil	0.3	3.5	3.5	21	<0.1	4.7	2.8	89	1.17	3.2	<0.5	0.6	8	<0.1	0.2	<0.1	36	0.13	0.031	6
20111022	Soil	0.6	6.5	3.8	32	<0.1	8.1	4.0	173	1.87	7.3	8.6	2.6	12	<0.1	0.7	<0.1	46	0.23	0.054	10
20111023	Soil	0.3	8.6	8.2	34	<0.1	6.8	3.2	117	1.14	9.2	2.5	1.4	18	0.1	0.6	0.1	28	0.26	0.045	7
20111024	Soil	0.8	14.5	3.8	42	<0.1	10.7	10.6	272	3.11	13.5	1.5	2.6	17	0.1	0.5	<0.1	83	0.35	0.063	9
20111025	Soil	0.5	18.0	6.6	35	<0.1	10.6	9.1	211	2.52	7.3	15.5	2.1	17	<0.1	0.4	<0.1	68	0.33	0.046	8
20111026	Soil	0.5	9.3	3.1	20	0.1	4.9	4.1	182	1.24	3.6	27.6	0.6	8	<0.1	0.2	<0.1	35	0.08	0.031	4
20111027	Soil	1.2	37.1	10.7	46	0.2	11.4	8.9	429	2.24	6.8	0.6	0.4	17	0.3	0.8	0.1	62	0.15	0.046	11
20111028	Soil	0.7	31.6	7.7	57	0.1	17.5	11.1	893	3.02	23.0	2.7	3.1	22	0.4	1.5	0.1	62	0.28	0.038	54
20111029	Soil	0.8	8.1	8.1	35	<0.1	9.8	4.2	134	1.97	7.4	1.3	2.4	13	<0.1	0.4	0.2	59	0.17	0.017	9
20111030	Soil	1.0	15.4	6.9	67	<0.1	19.2	8.1	426	3.87	45.5	1.4	2.3	10	0.2	2.8	0.1	91	0.10	0.039	8
20111031	Soil	1.7	11.8	12.5	40	0.1	13.9	5.5	324	2.78	55.0	4.3	1.3	17	<0.1	2.6	0.1	63	0.17	0.042	6
20111032	Soil	0.7	18.1	6.4	35	<0.1	7.8	10.2	1135	1.51	7.6	2.4	0.7	12	0.2	0.4	0.1	41	0.12	0.058	6
20111033	Soil	0.3	7.6	1.9	17	0.3	4.2	1.6	59	0.80	9.6	1.6	<0.1	9	0.2	0.9	<0.1	22	0.08	0.034	2
20111034	Soil	0.6	9.3	7.7	48	<0.1	10.4	5.5	259	2.20	35.2	1.7	1.0	15	0.2	2.3	0.1	51	0.17	0.052	7
20111035	Soil	0.6	8.6	7.0	41	<0.1	8.2	4.6	265	1.73	21.4	1.9	0.8	13	0.3	1.3	0.1	46	0.14	0.045	6
20111036	Soil	0.4	12.1	5.6	45	<0.1	11.6	5.3	243	2.43	69.4	6.7	1.2	20	0.1	3.3	0.1	51	0.22	0.039	9
20111037	Soil	0.4	18.2	6.7	32	0.5	9.4	6.4	980	1.29	47.9	2.6	0.2	43	0.2	2.3	<0.1	26	0.63	0.114	15
20111040	Soil	0.9	11.0	6.9	32	<0.1	10.4	5.1	143	2.16	8.1	1.4	2.4	8	0.2	0.4	0.1	53	0.12	0.037	6
20111041	Soil	0.1	7.5	1.8	22	0.1	3.4	3.3	158	1.01	9.9	2.7	0.4	17	<0.1	0.5	<0.1	31	0.27	0.060	4
20111042	Soil	1.0	13.4	5.8	55	<0.1	6.6	7.7	635	2.53	20.5	2.1	1.5	22	<0.1	1.6	<0.1	57	0.35	0.069	8

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Project: Charlotte Project
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS WHI11000933.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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
	MDL	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
20111012	Soil	13	0.21	92	0.067	<1	0.76	0.016	0.05	0.1	<0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
20111013	Soil	22	0.25	99	0.051	<1	1.14	0.016	0.07	0.1	<0.01	1.9	0.2	<0.05	4	<0.5	<0.2
20111014	Soil	30	0.39	147	0.054	<1	1.63	0.013	0.09	0.1	0.01	3.0	0.3	<0.05	6	<0.5	<0.2
20111015	Soil	27	0.35	164	0.055	<1	1.50	0.010	0.07	0.2	<0.01	2.0	0.1	<0.05	6	<0.5	<0.2
[redacted]																	
20111017	Soil	12	0.22	87	0.033	<1	0.56	0.013	0.05	0.2	0.01	1.2	<0.1	<0.05	2	<0.5	<0.2
20111018	Soil	9	0.22	57	0.032	<1	0.55	0.013	0.05	<0.1	<0.01	1.1	0.1	<0.05	2	0.6	<0.2
20111019	Soil	16	0.25	52	0.042	<1	0.91	0.012	0.04	0.1	<0.01	1.5	<0.1	<0.05	3	0.9	<0.2
20111020	Soil	11	0.23	83	0.032	<1	0.56	0.011	0.04	<0.1	<0.01	1.2	<0.1	<0.05	2	<0.5	<0.2
20111021	Soil	9	0.12	55	0.041	<1	0.44	0.012	0.02	0.1	<0.01	0.9	<0.1	<0.05	3	<0.5	<0.2
20111022	Soil	16	0.30	80	0.058	<1	0.80	0.010	0.12	0.4	<0.01	1.8	0.1	<0.05	3	<0.5	<0.2
20111023	Soil	15	0.29	172	0.041	<1	0.85	0.013	0.07	0.1	0.03	2.2	0.3	<0.05	4	<0.5	<0.2
20111024	Soil	25	0.98	168	0.154	<1	1.52	0.013	0.32	0.1	<0.01	3.7	0.2	<0.05	6	<0.5	<0.2
20111025	Soil	20	0.91	139	0.114	<1	1.34	0.016	0.22	<0.1	<0.01	2.7	0.1	<0.05	5	<0.5	<0.2
20111026	Soil	9	0.11	51	0.041	<1	0.62	0.019	0.04	<0.1	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
20111027	Soil	21	0.22	126	0.043	<1	1.06	0.019	0.07	0.1	0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
20111028	Soil	34	0.42	271	0.051	<1	1.66	0.016	0.13	0.2	0.06	7.8	0.2	<0.05	6	0.7	<0.2
20111029	Soil	21	0.35	93	0.093	<1	1.19	0.009	0.08	0.1	<0.01	2.3	<0.1	<0.05	7	<0.5	<0.2
20111030	Soil	36	0.43	96	0.069	<1	1.57	0.011	0.08	0.2	0.02	4.1	0.2	<0.05	8	<0.5	<0.2
20111031	Soil	27	0.21	124	0.013	<1	1.39	0.014	0.09	0.2	0.03	3.8	0.5	<0.05	6	<0.5	<0.2
20111032	Soil	14	0.20	104	0.044	2	0.92	0.017	0.05	0.1	0.01	1.3	0.1	<0.05	4	<0.5	<0.2
20111033	Soil	8	0.06	55	0.009	1	0.53	0.018	0.04	<0.1	0.08	0.6	0.2	<0.05	2	<0.5	<0.2
20111034	Soil	21	0.28	108	0.035	<1	1.06	0.010	0.08	0.3	0.02	2.3	0.3	<0.05	5	<0.5	<0.2
20111035	Soil	16	0.24	92	0.034	<1	0.87	0.010	0.06	0.2	0.01	1.7	0.2	<0.05	5	<0.5	<0.2
20111036	Soil	23	0.32	118	0.019	1	1.39	0.010	0.11	0.2	0.04	3.9	0.5	<0.05	5	<0.5	<0.2
20111037	Soil	12	0.15	161	0.010	2	0.95	0.021	0.06	0.2	0.15	2.4	0.3	0.08	3	<0.5	<0.2
[redacted]																	
20111040	Soil	21	0.30	52	0.058	<1	1.43	0.008	0.05	0.2	<0.01	1.7	<0.1	<0.05	5	<0.5	<0.2
20111041	Soil	6	0.11	71	0.038	<1	0.37	0.025	0.03	<0.1	0.05	1.0	<0.1	<0.05	2	<0.5	<0.2
20111042	Soil	14	0.48	160	0.078	1	1.14	0.014	0.22	0.1	0.03	4.0	0.3	<0.05	5	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		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	1
20111043	Soil	0.4	8.8	4.3	27	0.1	5.3	4.0	147	1.41	4.9	0.9	1.3	12	<0.1	0.5	<0.1	34	0.19	0.047	8
20111044	Soil	1.0	9.1	8.7	44	<0.1	8.9	5.0	224	2.37	17.4	16.1	2.1	12	<0.1	1.1	0.2	55	0.17	0.033	8
20111045	Soil	1.0	12.2	12.0	52	<0.1	12.7	7.6	291	3.01	22.6	1.7	2.5	13	<0.1	1.4	0.2	62	0.19	0.047	7
20111046	Soil	0.6	17.6	5.9	36	0.2	8.5	4.0	265	1.79	10.0	2.2	0.9	21	<0.1	0.8	0.1	34	0.26	0.054	13
20111047	Soil	0.5	20.1	6.0	38	<0.1	12.6	9.9	222	2.59	9.2	0.8	2.3	15	0.1	0.8	0.2	62	0.19	0.040	7
20111048	Soil	0.4	14.8	3.7	17	<0.1	3.9	4.5	104	1.14	3.1	0.9	0.3	10	0.1	0.2	<0.1	37	0.11	0.033	5
20111049	Soil	1.5	19.5	7.7	54	<0.1	11.8	11.0	461	3.43	11.7	0.5	1.7	8	<0.1	0.7	0.2	105	0.13	0.063	5
20111050	Soil	0.2	4.9	1.9	7	<0.1	1.0	1.5	101	0.41	0.6	0.6	<0.1	7	<0.1	<0.1	<0.1	13	0.07	0.027	2
20111051	Soil	<0.1	2.7	1.1	10	<0.1	1.2	1.4	37	0.52	<0.5	<0.5	<0.1	8	<0.1	<0.1	<0.1	19	0.07	0.023	1
20111052	Soil	1.0	28.7	8.5	49	0.1	16.2	8.0	237	3.26	11.1	1.1	2.7	16	<0.1	0.5	0.2	75	0.16	0.061	7
20111053	Soil	0.5	11.5	7.6	39	<0.1	11.8	6.4	217	2.10	9.4	2.5	2.3	12	0.1	0.5	0.1	52	0.15	0.028	7
20111054	Soil	0.7	13.4	6.5	37	<0.1	11.4	6.2	218	2.30	11.5	1.1	2.0	16	<0.1	0.5	0.1	58	0.17	0.030	7
20111055	Soil	1.0	16.7	7.4	51	0.1	16.8	8.5	270	3.19	12.9	2.5	2.7	14	0.2	0.7	0.2	70	0.18	0.044	8
20111056	Soil	1.4	18.6	9.6	52	0.1	20.9	9.4	276	3.12	12.4	1.6	3.1	15	0.2	0.7	0.1	69	0.20	0.046	8
20111057	Soil	0.9	12.9	7.7	52	<0.1	14.4	7.2	271	2.82	9.1	1.7	2.2	16	0.2	0.3	0.2	72	0.20	0.072	7
20111058	Soil	0.4	19.5	4.3	31	0.1	6.7	4.7	356	1.20	7.7	1.1	0.4	21	0.2	0.9	<0.1	33	0.34	0.056	6
20111059	Soil	0.4	25.6	2.9	22	0.2	6.0	3.9	442	0.85	4.4	2.0	0.1	28	0.2	0.5	<0.1	20	0.40	0.066	9
20111060	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20111061	Soil	0.8	12.8	9.2	47	<0.1	12.8	8.0	300	2.68	30.2	2.7	2.8	15	<0.1	1.4	0.2	55	0.21	0.032	8
20111062	Soil	0.8	26.6	9.2	28	0.4	8.3	7.5	1638	1.13	3.3	2.4	0.2	43	0.2	0.6	<0.1	33	0.63	0.081	12
20111063	Soil	0.7	13.4	5.0	27	<0.1	6.5	6.1	330	1.48	3.5	30.3	0.9	12	<0.1	0.5	<0.1	35	0.16	0.043	8
20111064	Soil	0.8	13.1	14.9	38	0.1	7.6	4.5	207	2.40	40.9	2.0	1.4	12	0.2	2.2	0.2	53	0.13	0.058	8
20111065	Soil	0.7	10.0	6.9	34	<0.1	9.4	5.2	147	2.44	8.8	0.9	2.1	12	0.2	0.4	0.1	60	0.15	0.040	7
20111066	Soil	0.8	18.5	9.0	48	0.1	17.2	8.7	262	3.17	12.3	4.1	2.9	12	0.2	0.6	0.2	65	0.15	0.046	8
20111067	Soil	1.0	13.4	8.7	27	<0.1	8.9	5.7	185	3.10	10.6	<0.5	2.1	18	0.1	0.4	0.2	78	0.18	0.052	6
20111068	Soil	0.9	22.1	8.7	50	<0.1	19.5	9.0	244	3.17	13.0	2.2	2.5	15	<0.1	0.5	0.2	69	0.17	0.032	7
20111069	Soil	0.7	19.6	8.2	41	<0.1	12.4	9.6	201	3.40	17.4	2.5	2.6	16	0.1	0.4	0.2	89	0.22	0.073	9
20111070	Soil	0.8	13.8	8.4	61	<0.1	16.2	8.0	190	2.87	8.0	8.3	2.8	13	0.2	0.5	0.2	72	0.16	0.045	8
20111071	Soil	0.8	17.0	7.9	61	0.1	18.7	8.4	252	2.94	10.2	1.4	2.5	16	0.1	0.4	0.2	77	0.20	0.045	8
20111073	Soil	0.1	5.6	1.3	14	0.1	2.2	2.4	58	0.74	2.9	1.3	0.1	7	<0.1	0.2	<0.1	27	0.08	0.021	1

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	Analyte	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
	MDL	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
20111043	Soil	11	0.25	102	0.049	<1	0.90	0.013	0.06	0.1	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
20111044	Soil	20	0.40	182	0.046	<1	1.46	0.008	0.09	0.3	<0.01	2.3	0.2	<0.05	5	<0.5	<0.2
20111045	Soil	27	0.42	194	0.048	1	1.76	0.009	0.09	0.4	0.01	2.7	0.2	<0.05	6	<0.5	<0.2
20111046	Soil	16	0.25	283	0.017	<1	1.82	0.024	0.14	0.1	0.06	3.5	0.2	<0.05	5	<0.5	<0.2
20111047	Soil	21	0.42	136	0.029	1	1.51	0.009	0.12	0.1	0.01	3.1	0.2	<0.05	4	<0.5	<0.2
20111048	Soil	8	0.16	68	0.046	<1	0.67	0.019	0.04	<0.1	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
20111049	Soil	32	0.70	78	0.098	<1	1.53	0.010	0.11	0.2	0.01	3.2	<0.1	<0.05	9	<0.5	<0.2
20111050	Soil	2	0.04	24	0.023	<1	0.34	0.027	0.03	<0.1	0.01	0.2	<0.1	<0.05	2	<0.5	<0.2
20111051	Soil	3	0.03	21	0.019	<1	0.19	0.026	0.02	<0.1	<0.01	0.1	<0.1	<0.05	1	<0.5	<0.2
20111052	Soil	34	0.41	213	0.077	<1	2.30	0.011	0.06	0.2	0.01	2.8	<0.1	<0.05	7	<0.5	<0.2
20111053	Soil	23	0.39	121	0.068	<1	1.39	0.011	0.09	0.2	<0.01	2.2	0.1	<0.05	5	<0.5	<0.2
20111054	Soil	23	0.38	121	0.065	<1	1.42	0.014	0.07	0.2	<0.01	2.3	<0.1	<0.05	5	<0.5	<0.2
20111055	Soil	29	0.54	164	0.073	<1	1.90	0.009	0.10	0.2	0.02	3.3	<0.1	<0.05	6	<0.5	<0.2
20111056	Soil	34	0.54	166	0.076	<1	1.98	0.013	0.10	0.2	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
20111057	Soil	31	0.58	128	0.091	<1	1.64	0.011	0.09	0.2	<0.01	2.8	<0.1	<0.05	7	<0.5	<0.2
20111058	Soil	10	0.25	139	0.029	<1	0.66	0.022	0.06	<0.1	0.04	2.3	<0.1	<0.05	2	<0.5	<0.2
20111059	Soil	9	0.15	182	0.015	<1	0.62	0.024	0.04	<0.1	0.06	1.2	<0.1	<0.05	2	<0.5	<0.2
20111060	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.
20111061	Soil	25	0.53	133	0.070	1	1.60	0.009	0.10	0.2	0.01	3.3	0.1	<0.05	5	<0.5	<0.2
20111062	Soil	7	0.11	288	0.024	1	0.56	0.022	0.03	<0.1	0.09	1.2	0.1	0.09	2	0.6	<0.2
20111063	Soil	14	0.31	120	0.050	<1	0.79	0.015	0.11	0.1	0.01	2.8	<0.1	<0.05	4	<0.5	<0.2
20111064	Soil	16	0.21	119	0.024	<1	1.09	0.009	0.06	0.2	0.02	1.5	0.2	<0.05	5	<0.5	<0.2
20111065	Soil	22	0.34	105	0.073	<1	1.35	0.011	0.07	0.2	0.01	1.9	<0.1	<0.05	6	<0.5	<0.2
20111066	Soil	31	0.46	124	0.083	<1	2.18	0.010	0.09	0.2	0.03	3.2	<0.1	<0.05	6	<0.5	<0.2
20111067	Soil	22	0.28	121	0.091	<1	1.44	0.010	0.05	0.2	0.01	2.1	<0.1	<0.05	7	<0.5	<0.2
20111068	Soil	36	0.64	161	0.102	<1	1.97	0.008	0.14	0.2	0.02	2.9	<0.1	<0.05	6	<0.5	<0.2
20111069	Soil	24	0.56	139	0.108	2	1.83	0.016	0.09	0.3	0.01	2.3	<0.1	0.05	7	<0.5	<0.2
20111070	Soil	30	0.40	142	0.069	2	1.66	0.010	0.07	0.2	0.01	2.3	<0.1	<0.05	6	<0.5	<0.2
20111071	Soil	35	0.53	180	0.091	2	2.01	0.011	0.09	0.2	0.01	2.8	0.1	<0.05	7	<0.5	<0.2
20111073	Soil	3	0.07	36	0.033	<1	0.22	0.025	0.02	<0.1	0.02	0.9	<0.1	<0.05	2	<0.5	<0.2

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Project: Charlotte Project
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS WHI11000933.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		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	1
20111074	Soil	1.0	27.4	11.7	67	0.2	14.6	20.0	1362	3.13	18.3	3.6	1.5	24	0.2	1.2	0.2	82	0.38	0.083	9
20111075	Soil	0.4	15.2	3.4	33	0.2	7.5	8.0	711	1.85	15.3	8.5	0.5	18	<0.1	1.2	<0.1	56	0.27	0.075	8
20111076	Soil	0.6	19.9	7.9	40	<0.1	14.9	8.0	216	2.32	11.6	3.0	2.7	17	<0.1	0.5	0.1	59	0.24	0.042	9
20111077	Soil	0.9	22.8	6.0	46	<0.1	13.6	10.0	325	2.69	12.0	5.3	3.0	15	<0.1	0.5	0.1	64	0.23	0.042	9
20111078	Soil	0.9	20.8	10.1	80	<0.1	10.4	11.4	541	3.77	18.9	1.4	1.5	21	<0.1	1.0	0.1	88	0.35	0.055	6
20111079	Soil	<0.1	5.4	1.9	13	0.1	2.3	2.2	48	0.68	1.1	<0.5	<0.1	9	<0.1	0.1	<0.1	27	0.10	0.027	2
20111080	Soil	0.9	16.9	9.4	43	0.2	16.7	7.1	216	2.72	11.1	3.1	3.2	15	0.1	0.5	0.2	70	0.18	0.039	9
20111081	Soil	0.9	15.6	8.0	39	<0.1	12.4	7.0	398	2.38	10.9	3.8	1.8	19	0.2	0.8	0.1	57	0.18	0.047	8
20111082	Soil	1.1	15.2	13.7	57	<0.1	16.6	6.9	293	2.53	9.2	11.4	2.7	14	0.2	0.5	0.1	58	0.18	0.034	8
20111083	Soil	0.7	12.8	7.8	61	<0.1	17.0	8.0	333	2.86	8.5	12.2	2.6	19	<0.1	0.4	0.2	72	0.24	0.051	9
20111084	Soil	0.9	17.0	10.8	49	<0.1	17.2	8.4	307	2.59	7.9	13.3	2.3	18	0.1	0.5	0.1	66	0.19	0.031	8
20111085	Soil	0.7	13.6	6.1	40	<0.1	12.7	7.5	346	2.47	8.2	1.5	2.1	16	0.1	0.4	0.1	61	0.21	0.065	8
20111086	Soil	0.5	13.8	5.8	39	<0.1	12.5	6.6	170	2.36	6.0	20.2	2.2	13	<0.1	0.3	0.1	58	0.16	0.016	7
20111087	Soil	0.7	13.7	5.5	27	0.1	7.8	4.7	148	1.61	5.0	3.1	1.0	11	<0.1	0.2	<0.1	46	0.15	0.026	5
20111088	Soil	0.7	19.4	8.1	36	0.1	13.4	7.4	202	2.20	7.9	2.5	1.8	13	0.1	0.5	0.1	54	0.19	0.033	7
20111089	Soil	<0.1	4.6	1.0	10	<0.1	1.8	1.9	44	0.64	1.1	0.7	<0.1	8	<0.1	<0.1	<0.1	24	0.10	0.034	2
20111090	Soil	0.3	9.3	4.9	26	<0.1	7.5	3.9	132	1.42	3.6	0.8	1.4	11	<0.1	0.3	<0.1	37	0.17	0.029	6
20111091	Soil	0.7	17.5	8.6	29	<0.1	9.5	5.9	494	1.66	5.6	1.5	1.1	15	0.1	0.5	0.1	50	0.18	0.027	9
20111092	Soil	0.7	20.9	7.3	46	0.1	11.3	9.6	843	2.58	16.5	1.0	1.6	16	<0.1	1.2	0.1	67	0.18	0.039	8
20111093	Soil	0.7	12.8	7.2	31	<0.1	9.8	5.6	218	2.04	12.5	2.8	2.2	14	0.1	0.9	0.1	49	0.20	0.034	9
20111094	Soil	1.0	14.2	8.6	46	<0.1	9.3	6.9	314	2.57	9.8	1.0	1.6	18	0.1	1.0	0.1	68	0.23	0.019	7
20111095	Soil	<0.1	2.4	1.2	6	<0.1	0.9	1.1	21	0.41	0.6	0.6	<0.1	8	<0.1	<0.1	<0.1	15	0.06	0.013	<1
20111096	Soil	0.6	25.5	4.8	32	0.3	8.9	4.7	124	1.84	6.8	2.2	0.8	19	<0.1	0.4	0.1	52	0.30	0.053	8
20111097	Soil	<0.1	6.7	1.3	15	<0.1	1.8	2.8	50	1.01	1.3	<0.5	<0.1	9	<0.1	<0.1	<0.1	41	0.11	0.042	2
20111098	Soil	<0.1	5.2	1.4	11	<0.1	1.3	2.1	35	0.70	0.7	<0.5	<0.1	8	<0.1	<0.1	<0.1	27	0.08	0.026	1
20111099	Soil	0.7	48.7	5.4	54	<0.1	22.7	16.9	312	3.33	6.0	2.8	0.7	19	0.2	0.2	<0.1	102	0.36	0.034	4
20111100	Soil	0.7	15.2	6.7	42	<0.1	13.1	9.6	397	2.31	8.6	1.4	2.1	17	0.1	0.4	0.1	55	0.21	0.045	7
20111101	Soil	0.9	17.1	7.1	48	0.2	14.8	8.0	176	2.73	12.2	0.8	1.3	16	0.1	0.5	0.3	73	0.22	0.022	5
20111102	Soil	0.6	8.6	7.8	39	<0.1	9.2	5.2	188	1.80	4.6	1.2	1.6	16	0.1	0.2	0.1	51	0.21	0.044	7
20111103	Soil	0.7	12.1	7.4	39	<0.1	9.1	5.8	224	2.00	4.1	3.7	1.7	16	0.1	0.5	0.1	48	0.18	0.082	6

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	Analyte	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
	MDL	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
20111074	Soil	26	0.72	221	0.049	2	1.88	0.019	0.14	0.1	0.04	6.2	0.3	0.05	6	<0.5	<0.2
20111075	Soil	12	0.20	137	0.044	2	0.90	0.020	0.06	<0.1	0.11	3.2	0.2	0.05	4	<0.5	<0.2
20111076	Soil	26	0.51	158	0.070	1	1.60	0.011	0.07	0.2	0.02	2.9	0.1	<0.05	5	<0.5	<0.2
20111077	Soil	27	0.63	142	0.077	1	1.59	0.011	0.09	0.2	0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
20111078	Soil	22	1.18	214	0.101	1	1.77	0.015	0.26	0.1	<0.01	7.2	0.2	0.06	7	<0.5	<0.2
20111079	Soil	4	0.07	26	0.027	<1	0.24	0.024	0.03	<0.1	0.02	0.3	<0.1	<0.05	2	<0.5	<0.2
20111080	Soil	32	0.48	118	0.089	1	1.96	0.011	0.09	0.2	0.02	2.8	<0.1	<0.05	7	<0.5	<0.2
20111081	Soil	21	0.29	141	0.059	1	1.44	0.013	0.08	0.1	0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
20111082	Soil	33	0.49	157	0.056	1	1.63	0.010	0.10	0.2	<0.01	2.7	<0.1	<0.05	6	<0.5	<0.2
20111083	Soil	34	0.57	166	0.083	2	1.75	0.011	0.10	0.2	<0.01	2.7	<0.1	<0.05	7	<0.5	<0.2
20111084	Soil	32	0.50	177	0.088	1	1.74	0.013	0.10	0.2	0.01	2.6	<0.1	<0.05	6	<0.5	<0.2
20111085	Soil	24	0.38	122	0.057	1	1.37	0.013	0.09	0.3	<0.01	1.9	<0.1	<0.05	5	<0.5	<0.2
20111086	Soil	23	0.46	82	0.083	<1	1.46	0.010	0.07	0.2	<0.01	2.5	<0.1	<0.05	5	<0.5	<0.2
20111087	Soil	15	0.26	75	0.063	<1	1.05	0.018	0.06	<0.1	0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
20111088	Soil	23	0.42	107	0.074	<1	1.51	0.013	0.07	0.1	0.01	2.3	<0.1	<0.05	5	<0.5	<0.2
20111089	Soil	3	0.05	20	0.033	<1	0.35	0.027	0.03	<0.1	<0.01	0.2	<0.1	<0.05	1	<0.5	<0.2
20111090	Soil	15	0.48	80	0.069	<1	1.07	0.019	0.12	0.1	0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
20111091	Soil	18	0.24	108	0.066	<1	1.00	0.013	0.07	0.1	0.01	2.0	0.1	<0.05	5	<0.5	<0.2
20111092	Soil	21	0.37	130	0.062	<1	1.47	0.017	0.09	0.1	0.03	3.1	0.2	<0.05	5	<0.5	<0.2
20111093	Soil	18	0.35	164	0.055	<1	1.21	0.009	0.10	0.1	0.04	2.8	0.2	<0.05	4	<0.5	<0.2
20111094	Soil	21	0.43	160	0.082	<1	1.19	0.012	0.10	0.1	<0.01	3.0	0.2	<0.05	6	<0.5	<0.2
20111095	Soil	2	0.04	25	0.024	<1	0.21	0.029	0.03	<0.1	<0.01	0.1	<0.1	<0.05	1	<0.5	<0.2
20111096	Soil	18	0.46	118	0.047	1	1.24	0.019	0.12	0.1	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
20111097	Soil	3	0.04	19	0.051	<1	0.24	0.027	0.02	<0.1	<0.01	0.1	<0.1	<0.05	2	<0.5	<0.2
20111098	Soil	2	0.04	18	0.033	<1	0.22	0.026	0.02	<0.1	<0.01	0.2	<0.1	<0.05	2	<0.5	<0.2
20111099	Soil	30	1.29	148	0.204	<1	2.23	0.020	0.17	0.1	<0.01	2.5	<0.1	<0.05	6	<0.5	<0.2
20111100	Soil	21	0.37	99	0.074	<1	1.55	0.016	0.08	0.2	<0.01	1.9	<0.1	<0.05	6	<0.5	<0.2
20111101	Soil	25	0.39	91	0.080	<1	1.67	0.017	0.07	0.1	<0.01	2.3	0.1	<0.05	6	<0.5	<0.2
20111102	Soil	19	0.33	115	0.078	<1	0.99	0.010	0.08	0.1	<0.01	1.8	<0.1	<0.05	6	<0.5	<0.2
20111103	Soil	16	0.40	140	0.087	<1	1.09	0.012	0.15	0.1	<0.01	1.9	0.1	<0.05	6	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	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	1
20111104	Soil	1.5	10.9	15.1	57	0.3	16.0	6.6	215	2.55	21.1	2.7	2.1	16	0.2	1.5	0.1	66	0.21	0.042	8
20111106	Soil	0.5	10.0	8.0	35	0.1	10.9	5.5	169	2.30	19.2	119.0	2.7	15	0.1	1.5	0.1	57	0.27	0.076	10
20111107	Soil	0.6	9.3	8.2	35	0.2	12.6	5.4	135	2.21	14.2	3.9	3.0	16	<0.1	0.6	0.1	57	0.25	0.054	12
20111108	Soil	0.5	9.7	8.2	36	0.2	13.5	5.6	150	2.27	19.5	4.6	3.3	15	<0.1	0.6	0.1	57	0.21	0.051	10
20111109	Soil	0.5	8.0	7.9	30	0.1	11.9	5.1	128	2.11	15.9	1.8	3.9	13	<0.1	0.6	<0.1	55	0.23	0.061	11
20111110	Soil	1.0	13.3	11.7	91	0.2	17.1	7.9	197	2.85	11.5	1.2	2.3	21	0.2	0.6	0.2	73	0.27	0.046	8
20111111	Soil	0.9	16.3	17.9	58	0.7	19.3	7.4	223	2.68	19.1	2.7	3.1	24	0.1	0.7	0.1	67	0.32	0.043	14
20110228	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110252	Soil	0.9	22.4	27.1	94	0.4	6.8	3.9	189	1.95	63.0	49.4	5.3	23	0.9	2.8	2.3	40	0.30	0.073	18
20111072	Soil	0.5	8.8	7.5	32	<0.1	10.3	4.8	216	1.78	7.4	1.4	2.0	15	<0.1	0.6	0.1	48	0.20	0.031	8

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS WHI11000933.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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
	MDL	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
20111104	Soil	32	0.37	157	0.065	1	1.44	0.012	0.07	0.3	<0.01	2.2	<0.1	<0.05	6	<0.5	<0.2
20111106	Soil	21	0.26	142	0.036	<1	1.08	0.012	0.07	0.3	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
20111107	Soil	24	0.31	150	0.049	2	1.25	0.010	0.08	0.3	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
20111108	Soil	23	0.32	80	0.044	1	1.36	0.009	0.08	0.2	0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
20111109	Soil	20	0.23	74	0.038	2	0.99	0.013	0.07	0.3	<0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
20111110	Soil	35	0.52	162	0.080	2	1.97	0.012	0.11	0.2	0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
20111111	Soil	33	0.51	373	0.062	2	2.04	0.012	0.11	0.2	0.02	2.6	0.1	<0.05	6	<0.5	<0.2
20110228	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.
20110252	Soil	14	0.40	122	0.039	2	1.05	0.011	0.08	0.2	0.02	2.1	0.3	<0.05	3	<0.5	<0.2
20111072	Soil	21	0.32	141	0.051	1	1.03	0.010	0.07	0.1	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2

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Project: Charlotte Project
Report Date: September 01, 2011

QUALITY CONTROL REPORT WHI11000933.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	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	1
Pulp Duplicates																					
20110842	Soil	0.4	8.8	7.6	32	0.4	7.4	4.7	279	1.87	28.7	14.6	3.3	18	<0.1	0.9	0.2	46	0.25	0.045	11
REP 20110842	QC	0.4	8.8	7.7	32	0.4	7.7	4.8	296	1.85	30.0	2.3	3.1	19	0.1	1.0	0.1	45	0.26	0.047	11
20110864	Soil	0.5	8.5	24.0	42	0.1	6.7	5.3	307	1.61	36.2	4.7	2.9	21	0.1	3.7	<0.1	39	0.27	0.050	11
REP 20110864	QC	0.5	8.3	23.7	43	0.2	6.5	5.1	304	1.57	36.0	4.8	3.0	21	0.2	4.1	0.3	39	0.27	0.051	11
20110875	Soil	0.5	17.5	25.4	48	1.1	10.7	5.5	262	1.86	52.0	14.0	1.8	27	0.2	3.0	0.1	41	0.29	0.048	10
REP 20110875	QC	0.5	17.2	25.7	48	1.1	10.3	5.3	265	1.81	52.5	15.6	1.8	27	0.2	3.2	0.1	40	0.28	0.048	10
20110907	Soil	0.6	10.1	6.2	34	0.2	8.9	4.2	174	2.15	49.5	14.6	2.2	10	<0.1	3.2	0.2	49	0.12	0.026	8
REP 20110907	QC	0.6	10.0	6.7	36	0.2	9.1	4.2	168	2.12	49.3	29.0	2.2	10	<0.1	3.0	0.2	49	0.12	0.026	8
20110930	Soil	0.6	12.4	9.4	39	<0.1	12.4	6.3	167	2.42	14.1	1.3	3.1	13	0.2	1.0	0.1	60	0.15	0.036	9
REP 20110930	QC	0.6	13.1	9.9	42	<0.1	12.9	6.5	171	2.38	14.6	1.0	2.8	13	0.1	1.1	0.2	58	0.15	0.037	9
20110954	Soil	0.8	28.8	12.4	44	0.2	7.3	6.3	601	1.61	54.5	5.2	1.4	23	0.4	2.1	0.2	39	0.31	0.035	8
REP 20110954	QC	0.8	28.8	12.3	46	0.2	7.2	6.2	597	1.63	53.8	9.6	1.4	22	0.5	2.0	0.2	39	0.29	0.034	8
20110963	Soil	0.2	5.8	1.2	15	<0.1	2.6	3.1	176	0.86	2.3	1.1	0.2	13	<0.1	0.3	<0.1	32	0.24	0.050	4
REP 20110963	QC	0.2	5.5	1.2	15	<0.1	2.6	3.2	169	0.86	2.0	1.5	0.2	13	<0.1	0.3	<0.1	33	0.22	0.048	3
20110978	Soil	0.3	22.5	1.2	20	0.1	7.3	3.2	352	0.68	3.9	3.2	0.3	55	0.3	1.3	<0.1	21	1.38	0.073	6
REP 20110978	QC	0.3	22.8	1.3	21	<0.1	6.9	3.4	356	0.73	3.7	3.9	0.3	54	0.3	1.3	<0.1	22	1.38	0.077	6
20111006	Soil	0.7	10.6	8.4	30	<0.1	8.7	4.5	190	1.95	6.0	52.0	2.2	11	<0.1	0.4	<0.1	54	0.16	0.043	9
REP 20111006	QC	0.7	9.7	8.4	28	<0.1	8.1	4.5	198	1.96	6.6	4.0	2.2	11	<0.1	0.5	<0.1	54	0.16	0.042	9
20111016	Soil	0.6	8.9	5.6	41	<0.1	13.4	7.1	196	2.88	10.4	21.8	2.4	18	0.1	0.7	0.1	65	0.21	0.032	9
REP 20111049	QC	1.2	18.8	7.8	52	<0.1	11.3	10.5	451	3.41	11.8	1.3	1.6	8	0.1	0.7	0.2	103	0.12	0.059	5
20111063	Soil	0.7	13.4	5.0	27	<0.1	6.5	6.1	330	1.48	3.5	30.3	0.9	12	<0.1	0.5	<0.1	35	0.16	0.043	8
REP 20111063	QC	0.7	14.2	5.6	27	<0.1	6.4	6.3	339	1.49	3.8	1.3	0.9	13	<0.1	0.6	0.1	36	0.17	0.045	9
20111071	Soil	0.8	17.0	7.9	61	0.1	18.7	8.4	252	2.94	10.2	1.4	2.5	16	0.1	0.4	0.2	77	0.20	0.045	8
REP 20111071	QC	0.8	16.6	7.7	59	0.1	18.0	8.0	211	2.81	9.6	0.7	2.3	15	0.1	0.5	0.2	72	0.18	0.043	8
20111094	Soil	1.0	14.2	8.6	46	<0.1	9.3	6.9	314	2.57	9.8	1.0	1.6	18	0.1	1.0	0.1	68	0.23	0.019	7
REP 20111094	QC	0.8	14.4	8.3	46	<0.1	9.4	7.0	313	2.55	10.1	<0.5	1.6	18	0.1	1.0	0.1	68	0.23	0.019	7

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Project: Charlotte Project
Report Date: September 01, 2011

QUALITY CONTROL REPORT WHI11000933.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	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
	MDL	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																	
20110842	Soil	16	0.25	131	0.042	<1	0.75	0.016	0.05	0.2	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
REP 20110842	QC	16	0.26	141	0.044	1	0.77	0.017	0.06	0.2	0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
20110864	Soil	14	0.27	105	0.041	<1	0.76	0.014	0.05	0.2	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
REP 20110864	QC	14	0.29	104	0.049	<1	0.74	0.015	0.05	0.2	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
20110875	Soil	20	0.36	153	0.045	<1	1.57	0.012	0.07	0.2	0.04	2.5	0.1	<0.05	4	<0.5	<0.2
REP 20110875	QC	20	0.35	161	0.046	<1	1.55	0.012	0.07	0.1	0.04	2.6	0.1	<0.05	4	<0.5	<0.2
20110907	Soil	20	0.27	78	0.036	1	1.11	0.008	0.07	0.2	0.03	2.2	0.2	<0.05	4	<0.5	<0.2
REP 20110907	QC	19	0.26	76	0.036	<1	1.11	0.008	0.07	0.2	0.02	2.2	0.2	<0.05	5	<0.5	<0.2
20110930	Soil	24	0.33	209	0.035	<1	1.37	0.010	0.11	0.2	0.01	2.2	0.2	<0.05	5	<0.5	<0.2
REP 20110930	QC	25	0.35	218	0.034	<1	1.43	0.010	0.12	0.2	0.02	2.3	0.2	<0.05	5	<0.5	<0.2
20110954	Soil	13	0.17	138	0.032	<1	0.65	0.022	0.04	0.2	0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
REP 20110954	QC	13	0.17	139	0.034	<1	0.65	0.023	0.04	0.2	0.03	1.2	0.1	<0.05	3	<0.5	<0.2
20110963	Soil	4	0.07	72	0.043	<1	0.24	0.034	0.02	<0.1	0.03	0.6	<0.1	0.06	2	<0.5	<0.2
REP 20110963	QC	4	0.07	70	0.044	1	0.23	0.032	0.02	<0.1	0.03	0.6	<0.1	0.07	2	<0.5	<0.2
20110978	Soil	7	0.09	142	0.027	2	0.48	0.036	0.02	<0.1	0.12	1.0	<0.1	0.17	2	<0.5	<0.2
REP 20110978	QC	7	0.09	144	0.031	3	0.48	0.040	0.02	<0.1	0.12	1.2	<0.1	0.16	2	<0.5	<0.2
20111006	Soil	18	0.24	61	0.061	<1	0.74	0.011	0.06	0.3	<0.01	1.4	<0.1	<0.05	4	<0.5	<0.2
REP 20111006	QC	18	0.24	59	0.062	<1	0.73	0.012	0.06	0.3	<0.01	1.5	<0.1	<0.05	4	0.7	<0.2
20111016	Soil	26	0.34	126	0.056	<1	1.26	0.009	0.07	0.2	<0.01	2.0	0.1	<0.05	5	<0.5	<0.2
REP 20111049	QC	31	0.69	79	0.098	<1	1.54	0.010	0.11	0.2	<0.01	3.1	<0.1	<0.05	8	<0.5	<0.2
20111063	Soil	14	0.31	120	0.050	<1	0.79	0.015	0.11	0.1	0.01	2.8	<0.1	<0.05	4	<0.5	<0.2
REP 20111063	QC	14	0.32	120	0.050	<1	0.81	0.012	0.11	0.1	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
20111071	Soil	35	0.53	180	0.091	2	2.01	0.011	0.09	0.2	0.01	2.8	0.1	<0.05	7	<0.5	<0.2
REP 20111071	QC	32	0.50	175	0.077	2	1.91	0.011	0.08	0.2	0.01	2.6	<0.1	<0.05	7	<0.5	<0.2
20111094	Soil	21	0.43	160	0.082	<1	1.19	0.012	0.10	0.1	<0.01	3.0	0.2	<0.05	6	<0.5	<0.2
REP 20111094	QC	21	0.45	160	0.079	1	1.20	0.012	0.09	<0.1	<0.01	3.0	0.1	<0.05	6	<0.5	<0.2

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QUALITY CONTROL REPORT WHI11000933.1

		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	1DX15 La ppm 1
20111110	Soil	1.0	13.3	11.7	91	0.2	17.1	7.9	197	2.85	11.5	1.2	2.3	21	0.2	0.6	0.2	73	0.27	0.046	8
REP 20111110	QC	1.1	13.3	12.1	89	0.2	17.0	7.9	194	2.78	11.3	1.5	2.3	23	0.3	0.6	0.2	72	0.27	0.047	8
Reference Materials																					
STD DS8	Standard	13.6	108.5	118.1	317	1.8	38.4	7.3	611	2.44	25.2	120.1	6.2	67	2.4	5.7	6.4	44	0.72	0.079	14
STD DS8	Standard	13.0	105.5	125.4	304	1.8	35.2	6.9	601	2.41	25.5	120.8	7.3	72	2.5	6.0	7.2	39	0.70	0.080	16
STD DS8	Standard	12.5	100.3	115.7	295	1.7	36.3	7.2	570	2.33	24.2	106.8	6.1	64	2.1	5.0	6.2	43	0.68	0.075	14
STD DS8	Standard	12.0	102.7	123.5	300	1.8	36.2	7.1	587	2.42	23.9	108.4	5.8	57	2.3	5.1	6.5	39	0.67	0.077	12
STD DS8	Standard	13.3	107.2	120.6	301	1.7	36.8	7.2	584	2.37	24.0	118.6	6.7	60	2.3	5.1	6.4	42	0.68	0.075	14
STD DS8	Standard	13.4	111.0	122.7	305	1.7	40.3	7.8	596	2.45	23.6	120.8	6.7	59	2.1	5.4	6.4	42	0.69	0.078	15
STD DS8	Standard	13.1	115.1	133.0	323	1.9	38.7	7.9	607	2.43	27.1	114.2	7.6	61	2.6	6.6	7.6	44	0.67	0.091	15
STD DS8	Standard	11.4	104.2	113.7	294	1.8	35.2	7.1	543	2.21	24.9	107.3	6.4	57	2.8	5.8	6.5	40	0.61	0.089	13
STD DS8	Standard	12.9	104.4	126.5	320	1.7	37.5	7.6	594	2.72	25.1	121.2	6.5	59	2.2	5.3	6.1	42	0.67	0.082	14
STD DS8	Standard	13.0	105.7	125.6	312	1.8	36.8	7.4	631	2.54	24.7	101.7	6.8	64	2.1	5.4	6.4	41	0.70	0.082	16
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	14.6
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	<1
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	<1
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	<1
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	<1
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	<1
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	<1
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	<1
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	<1
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	<1
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	<1

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

Project: Charlotte Project
Report Date: September 01, 2011

QUALITY CONTROL REPORT WHI11000933.1

		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
20111110	Soil	35	0.52	162	0.080	2	1.97	0.012	0.11	0.2	0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
REP 20111110	QC	34	0.53	164	0.076	2	1.99	0.012	0.11	0.2	0.01	2.3	0.1	<0.05	7	<0.5	<0.2
Reference Materials																	
STD DS8	Standard	118	0.61	286	0.117	2	0.94	0.089	0.45	3.1	0.23	2.5	5.4	0.15	5	5.3	5.0
STD DS8	Standard	111	0.60	299	0.120	1	0.92	0.097	0.42	3.1	0.20	2.4	5.4	0.11	5	5.2	4.8
STD DS8	Standard	115	0.59	261	0.106	4	0.91	0.096	0.43	2.7	0.20	1.9	5.0	0.17	4	4.6	4.4
STD DS8	Standard	113	0.59	253	0.102	2	0.86	0.081	0.40	2.9	0.20	1.8	5.3	0.12	4	4.4	5.1
STD DS8	Standard	117	0.59	270	0.103	3	0.89	0.086	0.41	3.1	0.19	2.1	5.4	0.18	4	4.8	4.9
STD DS8	Standard	119	0.60	269	0.109	2	0.91	0.082	0.41	3.1	0.20	1.9	5.4	0.19	4	4.8	5.1
STD DS8	Standard	112	0.62	299	0.112	3	0.89	0.084	0.42	2.9	0.22	2.0	5.8	0.16	5	5.7	5.0
STD DS8	Standard	103	0.57	267	0.101	2	0.79	0.072	0.38	2.8	0.18	1.9	4.8	0.16	4	4.5	4.6
STD DS8	Standard	114	0.59	272	0.111	2	0.89	0.081	0.40	2.9	0.22	2.2	5.6	0.16	5	5.2	4.5
STD DS8	Standard	116	0.63	284	0.114	3	0.93	0.100	0.40	3.1	0.21	2.5	5.5	0.21	5	5.4	5.5
STD DS8 Expected		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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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

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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: August 05, 2011
Report Date: September 16, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI11001022.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-021
P.O. Number
Number of Samples: 113

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	112	Dry at 60C			WHI
SS80	112	Dry at 60C sieve 100g to -80 mesh			WHI
RJSV	112	Saving all or part of Soil Reject			WHI
G601	108	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	111	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
Nicola Struyk

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11001022.1

	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
20110726	Soil	<0.005	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
20110727	Soil	<0.005	0.5	15.3	6.5	58	<0.1	7.8	6.0	301	1.98	8.9	2.7	2.3	22	0.8	0.8	1.0	55	0.26	0.044
20110728	Soil	<0.005	0.9	13.8	10.0	80	<0.1	13.8	7.7	229	2.87	10.1	2.8	2.2	19	0.3	0.6	0.3	66	0.21	0.048
20110729	Soil	0.009	0.5	20.7	17.1	63	1.0	5.1	3.9	247	0.99	7.2	15.5	2.3	88	2.1	2.1	1.0	7	2.54	0.091
20110730	Soil	0.007	0.3	18.3	27.9	70	0.9	5.0	3.8	200	1.18	9.3	6.2	0.6	43	1.3	1.1	0.3	29	1.16	0.061
20110731	Soil	<0.005	0.3	13.6	23.4	89	0.3	6.0	4.0	217	1.21	12.6	3.2	0.9	28	1.3	1.0	0.2	30	0.67	0.041
20110732	Soil	0.009	0.6	23.5	29.6	83	1.1	9.0	11.2	962	2.09	26.1	7.5	0.9	48	1.3	1.4	0.1	38	1.12	0.084
20110733	Soil	0.008	0.4	22.1	26.7	75	0.8	8.1	4.9	236	1.66	14.4	6.7	0.9	47	0.5	1.4	0.2	34	1.15	0.073
20110734	Soil	0.009	0.6	23.5	29.2	93	0.8	9.4	8.3	413	2.65	45.9	6.9	1.6	52	1.4	1.7	0.3	51	1.20	0.078
20110735	Soil	0.014	0.4	16.5	14.0	60	0.7	6.7	4.5	274	1.38	58.8	13.2	0.8	43	0.4	2.9	<0.1	29	0.66	0.070
20110736	Soil	<0.005	0.5	15.0	9.3	43	0.1	10.2	4.6	193	1.93	13.8	9.2	1.7	22	0.2	0.8	0.2	52	0.23	0.032
20110737	Soil	<0.005	0.4	13.4	6.4	28	0.2	8.3	4.4	158	1.40	7.0	2.8	0.6	28	<0.1	0.5	<0.1	34	0.33	0.056
20110738	Soil	<0.005	0.4	11.5	2.0	19	<0.1	3.0	2.4	66	0.96	0.9	2.6	0.2	10	<0.1	0.2	<0.1	34	0.07	0.019
20110739	Soil	0.012	0.5	20.9	7.4	35	<0.1	13.4	6.9	177	2.24	9.2	23.0	2.6	17	0.1	0.5	<0.1	51	0.21	0.054
20110740	Soil	0.018	0.5	20.9	6.8	34	<0.1	15.2	7.9	183	2.08	8.4	2.9	3.0	16	<0.1	0.5	<0.1	46	0.22	0.048
20110741	Soil	0.014	0.9	19.8	36.9	171	0.8	10.4	7.6	658	2.40	59.1	20.7	0.8	28	1.1	2.9	<0.1	56	0.33	0.064
20110742	Soil	<0.005	0.9	25.6	7.9	66	0.1	12.0	7.7	1505	2.57	6.4	4.2	1.8	23	0.4	0.5	0.1	67	0.24	0.037
20110743	Soil	0.019	0.6	8.1	6.0	28	<0.1	10.1	4.9	140	2.54	10.5	2.5	3.5	14	0.2	0.4	<0.1	60	0.17	0.044
20110744	Soil	<0.005	0.4	13.1	5.0	35	<0.1	10.2	5.7	157	2.21	5.4	<0.5	1.0	23	0.1	0.3	<0.1	62	0.21	0.033
20110745	Soil	<0.005	0.6	14.3	5.7	33	<0.1	12.0	5.8	145	2.27	6.2	1.5	2.2	19	<0.1	0.4	<0.1	59	0.20	0.013
20110746	Soil	0.016	0.7	17.9	7.0	50	<0.1	14.0	6.5	194	2.41	6.0	3.5	2.0	23	<0.1	0.5	<0.1	66	0.22	0.027
20110747	Soil	<0.005	0.6	8.1	20.3	41	0.3	9.8	5.6	161	2.23	6.2	39.6	2.5	18	0.2	0.7	<0.1	58	0.21	0.036
20110748	Soil	0.017	0.3	16.2	5.8	33	0.3	9.3	6.0	564	1.65	6.3	114.0	1.8	25	0.6	0.4	<0.1	41	0.53	0.047
20110749	Soil	0.012	0.5	42.5	113.2	199	1.9	11.2	7.0	523	2.12	27.7	17.9	1.4	37	2.2	1.6	1.5	48	0.83	0.071
20110750	Soil	<0.005	0.1	5.1	2.7	10	0.3	1.2	2.9	192	0.60	3.5	1.8	0.2	14	0.3	0.2	<0.1	16	0.27	0.036
20110751	Soil	0.008	0.2	28.3	44.5	82	1.9	7.9	4.6	244	1.45	9.1	7.9	0.9	38	1.2	0.8	0.3	32	0.85	0.056

[redacted]

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Project: Charlotte Project
Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11001022.1

		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
20110726	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.
20110727	Soil		9	16	0.24	115	0.067	4	1.01	0.017	0.06	0.2	<0.01	2.2	<0.1	0.07	4	1.1	<0.2
20110728	Soil		9	28	0.43	153	0.062	1	1.85	0.011	0.08	0.2	<0.01	2.5	0.1	<0.05	7	<0.5	<0.2
20110729	Soil		6	13	0.17	144	0.025	9	0.75	0.025	0.06	0.1	0.08	2.3	<0.1	0.28	2	2.0	<0.2
20110730	Soil		8	9	0.17	97	0.034	2	0.78	0.029	0.04	<0.1	0.03	1.4	<0.1	0.07	3	0.6	<0.2
20110731	Soil		8	10	0.23	87	0.033	3	0.74	0.019	0.05	0.2	0.04	1.8	<0.1	0.09	3	<0.5	<0.2
20110732	Soil		17	16	0.37	220	0.014	1	1.47	0.018	0.09	<0.1	0.08	3.6	0.1	0.09	4	<0.5	<0.2
20110733	Soil		13	16	0.31	170	0.021	2	1.20	0.017	0.07	<0.1	0.08	3.0	0.1	0.11	4	0.8	<0.2
20110734	Soil		15	19	0.34	192	0.039	2	1.41	0.020	0.09	0.1	0.07	4.0	0.2	0.19	4	1.5	<0.2
20110735	Soil		7	11	0.22	119	0.030	3	0.93	0.024	0.06	0.2	0.05	1.9	0.1	0.09	3	0.7	<0.2
20110736	Soil		9	17	0.27	120	0.074	1	1.18	0.016	0.06	0.4	<0.01	1.9	<0.1	0.08	6	<0.5	<0.2
20110737	Soil		6	14	0.24	142	0.049	2	1.15	0.023	0.06	0.2	0.03	1.7	<0.1	<0.05	4	1.2	<0.2
20110738	Soil		2	5	0.05	29	0.053	2	0.28	0.026	0.03	<0.1	<0.01	0.6	<0.1	0.09	2	<0.5	<0.2
20110739	Soil		10	22	0.37	105	0.060	<1	1.61	0.014	0.06	0.2	<0.01	2.2	<0.1	<0.05	4	<0.5	<0.2
20110740	Soil		9	23	0.37	108	0.061	1	1.73	0.013	0.05	0.2	<0.01	2.5	<0.1	<0.05	4	<0.5	<0.2
20110741	Soil		9	17	0.37	152	0.050	3	1.77	0.019	0.10	0.2	0.03	3.0	0.3	<0.05	6	<0.5	<0.2
20110742	Soil		12	24	0.33	197	0.090	2	1.50	0.013	0.06	0.3	<0.01	2.4	0.1	<0.05	7	<0.5	<0.2
20110743	Soil		11	21	0.27	73	0.047	1	1.23	0.011	0.06	0.3	<0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
20110744	Soil		6	17	0.24	77	0.071	1	1.12	0.017	0.05	0.1	0.01	1.4	<0.1	<0.05	5	<0.5	<0.2
20110745	Soil		8	25	0.40	118	0.075	1	1.54	0.009	0.06	0.2	<0.01	2.1	<0.1	<0.05	5	<0.5	<0.2
20110746	Soil		8	28	0.40	158	0.108	1	1.75	0.014	0.07	0.2	<0.01	2.6	<0.1	0.06	6	<0.5	<0.2
20110747	Soil		9	21	0.28	82	0.051	<1	1.29	0.009	0.05	0.2	0.01	2.1	<0.1	<0.05	5	<0.5	<0.2
20110748	Soil		9	17	0.27	136	0.048	<1	0.96	0.025	0.06	0.2	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
20110749	Soil		12	22	0.40	185	0.030	1	1.34	0.018	0.06	0.2	0.06	2.9	<0.1	<0.05	4	0.6	<0.2
20110750	Soil		2	2	0.04	32	0.027	<1	0.25	0.050	0.03	<0.1	<0.01	0.3	<0.1	<0.05	1	<0.5	<0.2
20110751	Soil		11	15	0.25	148	0.039	1	1.10	0.028	0.06	<0.1	0.07	2.1	<0.1	0.08	3	<0.5	<0.2

[redacted]

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Project: Charlotte Project
Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11001022.1

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
[redacted]																					
20110767	Soil	<0.005	0.9	39.5	6.0	42	0.3	7.6	6.9	760	1.50	2.7	2.2	0.3	20	0.9	0.2	0.1	47	0.20	0.045
20110768	Soil	<0.005	0.5	7.7	14.4	51	0.2	5.9	3.5	175	1.40	16.9	4.7	1.5	12	0.3	1.1	0.1	41	0.12	0.015
20110769	Soil	<0.005	0.8	10.7	7.2	19	<0.1	5.4	2.8	84	1.54	3.0	9.3	1.6	16	<0.1	0.4	0.2	52	0.13	0.013
20110770	Soil	<0.005	0.7	11.4	8.1	45	<0.1	11.1	6.2	191	2.55	8.4	1.2	2.2	19	0.1	0.5	0.2	66	0.16	0.042
20110771	Soil	0.008	0.7	11.4	8.1	47	0.1	11.9	6.3	163	2.48	6.4	1.4	1.9	18	0.1	0.4	0.2	66	0.18	0.027
20110772	Soil	0.006	0.7	11.3	7.3	46	<0.1	12.0	6.2	164	2.54	6.8	2.9	2.2	16	0.2	0.5	0.1	64	0.16	0.027
20110773	Soil	<0.005	0.5	10.5	5.0	26	0.1	7.3	6.2	297	1.60	3.2	1.3	0.9	22	0.1	0.2	<0.1	49	0.21	0.037
20110774	Soil	<0.005	0.2	9.7	2.6	13	0.2	3.4	2.7	155	0.66	2.1	<0.5	0.2	26	<0.1	0.3	<0.1	17	0.47	0.039
20110775	Soil	0.021	0.4	10.8	6.0	28	<0.1	7.7	4.7	173	1.76	8.6	5.0	2.7	20	<0.1	1.0	<0.1	48	0.35	0.041
20110776	Soil	<0.005	0.2	10.0	1.4	12	<0.1	2.5	3.2	113	1.81	8.8	<0.5	0.5	23	<0.1	0.4	<0.1	30	0.52	0.059
20110777	Soil	<0.005	0.6	9.1	7.2	36	<0.1	11.5	5.6	169	2.50	7.9	0.8	3.6	19	0.1	0.5	0.2	67	0.29	0.038
[redacted]																					

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11001022.1

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
[redacted]																	
20110767 Soil	8	11	0.13	107	0.052	<1	0.77	0.020	0.03	<0.1	0.02	1.0	<0.1	<0.05	4	<0.5	<0.2
20110768 Soil	7	13	0.28	73	0.049	<1	0.81	0.008	0.05	0.2	<0.01	1.4	<0.1	<0.05	4	<0.5	<0.2
20110769 Soil	8	12	0.12	86	0.040	<1	0.84	0.010	0.03	0.2	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
20110770 Soil	7	22	0.36	120	0.060	<1	1.48	0.009	0.05	0.2	<0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
20110771 Soil	7	22	0.35	130	0.067	<1	1.41	0.012	0.06	0.2	<0.01	1.8	<0.1	<0.05	6	<0.5	<0.2
20110772 Soil	7	22	0.38	104	0.057	<1	1.57	0.008	0.05	0.2	<0.01	1.9	<0.1	<0.05	6	<0.5	<0.2
20110773 Soil	6	13	0.17	81	0.064	<1	0.78	0.026	0.04	0.1	0.01	1.0	<0.1	<0.05	4	<0.5	<0.2
20110774 Soil	3	6	0.12	85	0.024	<1	0.64	0.039	0.03	<0.1	0.01	0.6	<0.1	<0.05	2	<0.5	<0.2
20110775 Soil	10	16	0.30	117	0.038	<1	0.98	0.015	0.05	0.3	<0.01	1.9	<0.1	<0.05	3	<0.5	<0.2
20110776 Soil	4	5	0.08	61	0.048	<1	0.40	0.039	0.02	<0.1	0.02	0.6	<0.1	0.06	2	<0.5	<0.2
20110777 Soil	13	24	0.37	105	0.061	<1	1.19	0.010	0.06	0.3	<0.01	1.9	<0.1	<0.05	5	<0.5	<0.2
[redacted]																	

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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
[redacted]																					
20111114	Soil	<0.005	0.8	15.9	8.4	41	0.2	8.0	6.1	278	1.96	12.0	3.3	1.3	17	0.2	1.0	0.4	54	0.17	0.042
20111115	Soil	<0.005	0.3	7.0	2.8	20	0.3	3.1	4.1	160	1.41	12.0	6.0	0.1	10	<0.1	0.7	<0.1	48	0.11	0.045
20111116	Soil	<0.005	0.3	14.3	3.2	31	0.2	4.9	7.8	403	1.70	13.1	3.8	0.2	14	0.2	0.9	0.1	62	0.13	0.041
20111117	Soil	0.007	0.5	8.9	7.0	45	<0.1	7.0	7.8	628	2.22	85.6	1.4	1.9	17	<0.1	3.4	0.4	48	0.15	0.031
20111118	Soil	0.005	0.8	37.1	5.3	42	0.3	12.3	6.2	235	1.61	11.9	2.5	<0.1	30	0.4	1.9	0.2	40	0.29	0.073
20111119	Soil	I.S.	0.7	47.1	5.5	32	0.3	14.2	6.1	229	1.33	11.0	3.1	<0.1	31	0.6	1.6	0.2	27	0.26	0.084
20111120	Soil	<0.005	0.5	37.1	6.6	200	0.4	10.9	8.7	752	1.29	16.9	7.0	0.2	36	0.3	1.6	0.2	27	0.51	0.066
20111121	Soil	<0.005	1.0	20.8	11.8	76	0.3	14.8	15.7	958	2.98	16.9	10.4	1.8	50	0.3	1.5	0.2	76	0.84	0.110
20111122	Soil	<0.005	1.1	22.6	5.8	66	<0.1	12.8	9.4	398	3.09	84.6	4.9	2.3	26	<0.1	3.9	0.2	73	0.47	0.066
20111123	Soil	0.012	0.8	27.6	10.1	56	0.3	16.6	8.7	399	2.65	84.6	9.5	2.7	34	0.1	3.9	0.2	56	0.54	0.075
20111124	Soil	<0.005	0.2	6.8	1.4	13	0.2	1.8	2.2	63	0.68	15.8	1.6	0.1	10	<0.1	0.6	<0.1	25	0.12	0.035
20111125	Soil	I.S.	1.0	39.0	5.5	35	0.3	14.1	12.8	1851	1.60	32.5	5.3	0.3	31	0.4	2.8	0.1	34	0.38	0.089
20111126	Soil	0.025	1.1	24.9	10.8	46	0.1	12.0	13.3	710	2.95	27.7	2.3	2.6	23	0.2	1.9	0.3	66	0.22	0.050
20111127	Soil	I.S.	0.3	13.9	4.4	27	0.1	5.6	4.4	185	1.65	13.3	6.1	0.9	14	<0.1	0.5	<0.1	49	0.15	0.046
20111128	Soil	<0.005	0.4	9.4	2.5	27	<0.1	6.4	4.2	158	1.78	7.7	1.3	0.5	13	<0.1	0.4	<0.1	55	0.17	0.043
20111129	Soil	<0.005	1.1	12.1	8.2	37	<0.1	10.7	7.4	439	2.77	8.6	1.5	2.0	16	<0.1	1.0	0.1	69	0.19	0.036
[redacted]																					
20111132	Soil	0.006	0.7	16.9	7.5	44	<0.1	18.4	8.3	250	2.89	12.4	3.2	3.5	22	<0.1	0.6	0.1	56	0.26	0.067
20111133	Soil	0.007	0.9	18.1	7.6	52	0.5	17.2	7.5	268	2.97	45.7	5.7	3.1	20	0.2	2.1	0.1	63	0.22	0.042
20111134	Soil	<0.005	0.6	4.9	2.2	14	0.1	4.6	2.3	58	0.78	1.3	1.0	<0.1	10	0.2	<0.1	<0.1	28	0.10	0.037
20111135	Soil	<0.005	0.6	17.7	6.1	28	<0.1	6.4	5.0	335	1.71	6.1	0.8	1.5	17	<0.1	0.5	0.1	47	0.15	0.023
20111136	Soil	<0.005	0.9	20.4	10.4	47	0.3	13.2	11.2	1015	2.89	12.2	1.1	2.5	19	0.2	0.6	0.2	70	0.21	0.036

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Project: Charlotte Project
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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
[redacted]																		
20111114	Soil	10	21	0.30	99	0.070	1	1.16	0.012	0.06	0.2	0.05	2.1	0.1	<0.05	6	<0.5	<0.2
20111115	Soil	4	6	0.07	42	0.051	<1	0.35	0.026	0.03	<0.1	0.05	1.0	<0.1	<0.05	3	<0.5	<0.2
20111116	Soil	5	8	0.09	89	0.073	<1	0.55	0.025	0.04	0.1	0.04	1.1	0.2	<0.05	4	<0.5	<0.2
20111117	Soil	8	15	0.33	94	0.056	1	0.86	0.010	0.10	0.2	0.02	2.4	0.2	<0.05	4	<0.5	<0.2
20111118	Soil	10	16	0.25	245	0.015	<1	1.00	0.018	0.07	0.2	0.17	0.9	0.2	0.09	4	<0.5	<0.2
20111119	Soil	11	15	0.20	287	0.004	<1	0.90	0.018	0.06	<0.1	0.18	0.4	0.1	<0.05	3	<0.5	<0.2
20111120	Soil	12	17	0.21	286	0.012	<1	0.97	0.026	0.06	0.1	0.35	2.7	0.3	<0.05	3	0.9	<0.2
20111121	Soil	9	34	0.69	380	0.058	1	1.77	0.017	0.12	0.2	0.13	6.6	0.2	<0.05	6	<0.5	<0.2
20111122	Soil	8	25	0.57	124	0.093	<1	1.28	0.019	0.20	0.2	0.03	4.9	0.3	<0.05	6	<0.5	<0.2
20111123	Soil	19	30	0.46	379	0.038	1	1.40	0.013	0.11	0.2	0.13	6.9	0.3	<0.05	5	<0.5	<0.2
20111124	Soil	2	3	0.05	63	0.034	<1	0.22	0.027	0.03	<0.1	0.02	0.4	<0.1	<0.05	2	<0.5	<0.2
20111125	Soil	14	14	0.20	293	0.029	<1	0.84	0.026	0.05	0.1	0.08	2.1	0.2	<0.05	3	<0.5	<0.2
20111126	Soil	12	24	0.38	211	0.047	<1	1.68	0.010	0.07	0.2	0.02	4.2	0.2	<0.05	6	<0.5	<0.2
20111127	Soil	10	10	0.12	134	0.051	<1	0.92	0.029	0.05	0.1	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
20111128	Soil	5	11	0.12	104	0.059	<1	0.79	0.025	0.05	<0.1	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
20111129	Soil	8	23	0.31	117	0.077	<1	1.21	0.012	0.09	0.2	0.01	3.0	<0.1	<0.05	6	<0.5	<0.2
[redacted]																		
20111132	Soil	11	31	0.50	139	0.090	<1	2.29	0.014	0.09	0.3	0.02	3.5	0.1	<0.05	5	<0.5	<0.2
20111133	Soil	9	32	0.48	240	0.069	1	2.24	0.012	0.09	0.2	0.06	3.9	0.2	<0.05	6	<0.5	<0.2
20111134	Soil	2	8	0.04	29	0.035	<1	0.30	0.028	0.03	<0.1	0.01	0.4	<0.1	<0.05	2	<0.5	<0.2
20111135	Soil	7	14	0.19	203	0.059	<1	1.01	0.018	0.05	0.2	0.02	1.6	<0.1	<0.05	5	<0.5	<0.2
20111136	Soil	9	30	0.39	329	0.082	<1	1.81	0.011	0.07	0.1	0.03	3.0	0.2	<0.05	8	<0.5	<0.2

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	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
20111137	Soil	I.S.	0.5	11.4	11.1	29	0.4	5.0	7.6	403	1.72	31.2	5.0	0.6	13	<0.1	1.4	0.1	49	0.16	0.065
20111138	Soil	<0.005	0.8	13.9	7.6	53	0.1	15.8	6.9	257	2.82	34.5	1.9	2.6	22	<0.1	1.0	0.2	64	0.27	0.054
20111139	Soil	<0.005	0.8	11.4	9.3	49	0.2	13.2	8.2	415	2.68	9.4	0.9	2.1	21	0.1	0.5	0.1	66	0.25	0.056
20111140	Soil	<0.005	0.8	12.4	7.7	48	0.2	15.0	8.5	378	2.71	10.8	<0.5	2.0	18	0.1	0.7	0.1	66	0.20	0.062
20111141	Soil	0.009	0.8	10.9	6.4	47	<0.1	12.5	6.3	249	2.37	13.4	1.3	1.7	19	0.1	0.7	0.1	58	0.18	0.047
20111142	Soil	<0.005	0.1	5.1	1.6	13	<0.1	2.8	2.1	51	0.78	12.5	0.6	0.2	11	<0.1	1.1	<0.1	25	0.12	0.046
20111143	Soil	<0.005	0.8	14.4	7.5	48	<0.1	12.7	6.8	332	2.48	8.5	5.0	2.6	22	0.1	0.4	0.2	62	0.26	0.051
20111144	Soil	<0.005	0.8	10.3	6.9	42	<0.1	13.4	5.7	181	2.23	6.5	<0.5	1.7	26	<0.1	0.5	0.1	58	0.24	0.036
20111145	Soil	0.010	0.7	12.4	6.7	52	0.1	13.6	9.0	566	2.33	6.8	<0.5	2.1	21	0.2	0.4	0.1	58	0.22	0.035
20111146	Soil	<0.005	0.5	10.0	7.5	50	<0.1	11.6	6.5	235	2.20	5.8	<0.5	2.1	19	0.1	0.6	0.2	53	0.24	0.045
20111147	Soil	<0.005	0.6	8.0	5.4	35	<0.1	8.7	6.3	281	1.76	4.5	<0.5	1.7	19	<0.1	0.5	0.1	43	0.22	0.022
[redacted]																					
20110091	Soil	0.013	0.9	16.6	20.1	50	0.2	9.6	10.4	172	1.92	11.6	10.3	0.9	21	0.6	0.9	0.2	42	0.23	0.045
20110092	Soil	0.022	1.4	22.1	11.1	53	<0.1	18.5	20.3	931	2.95	19.7	33.7	2.7	42	0.3	1.1	0.3	65	0.51	0.064
20110093	Soil	0.017	0.9	21.6	25.8	83	2.6	11.5	7.9	398	1.96	39.9	20.0	0.8	37	0.5	2.7	0.2	51	0.40	0.061
20110720	Soil	0.014	0.5	13.0	72.3	142	1.2	9.8	6.4	336	2.01	41.7	12.9	1.7	31	0.7	4.4	<0.1	47	0.49	0.047
20110721	Soil	0.012	0.2	8.1	5.1	62	0.5	5.3	4.3	131	1.74	16.9	4.2	0.3	9	0.4	0.9	<0.1	56	0.10	0.027
20110722	Soil	<0.005	1.0	15.2	10.1	38	<0.1	9.8	4.6	180	2.64	11.3	2.8	1.9	18	0.1	0.6	0.2	73	0.16	0.025
20110723	Soil	<0.005	0.6	15.9	51.8	86	1.3	12.5	7.6	303	2.61	21.3	4.9	1.8	18	0.3	1.6	0.1	64	0.17	0.029
20110724	Soil	<0.005	0.9	9.9	5.8	42	<0.1	12.0	6.2	211	2.39	4.3	1.0	1.1	16	0.1	0.4	0.1	63	0.19	0.023
20110725	Soil	<0.005	0.5	8.4	4.6	32	0.2	8.0	4.3	130	1.62	2.8	<0.5	0.5	21	0.2	0.3	<0.1	43	0.21	0.033

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11001022.1

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
20111137	Soil	5	10	0.13	122	0.043	2	0.83	0.024	0.06	<0.1	0.05	1.3	0.1	<0.05	4	<0.5	<0.2
20111138	Soil	9	31	0.49	216	0.075	1	1.58	0.011	0.13	0.2	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
20111139	Soil	8	29	0.44	216	0.073	<1	1.57	0.012	0.10	0.2	<0.01	3.1	0.1	<0.05	6	<0.5	<0.2
20111140	Soil	8	29	0.46	186	0.073	2	1.54	0.013	0.12	0.2	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
20111141	Soil	7	25	0.39	241	0.056	<1	1.36	0.011	0.07	0.2	0.01	2.3	0.1	<0.05	5	<0.5	<0.2
20111142	Soil	6	4	0.07	76	0.025	<1	0.44	0.021	0.04	<0.1	0.02	1.0	<0.1	<0.05	2	<0.5	<0.2
20111143	Soil	9	27	0.43	274	0.072	<1	1.43	0.011	0.08	0.2	0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
20111144	Soil	8	27	0.38	162	0.073	<1	1.41	0.014	0.07	0.2	<0.01	2.0	<0.1	<0.05	5	<0.5	<0.2
20111145	Soil	7	27	0.40	185	0.062	<1	1.60	0.012	0.07	0.2	0.01	2.4	0.1	<0.05	5	<0.5	<0.2
20111146	Soil	7	23	0.35	161	0.058	<1	1.28	0.012	0.05	0.1	0.01	2.0	<0.1	<0.05	5	<0.5	<0.2
20111147	Soil	7	19	0.29	147	0.052	<1	1.12	0.012	0.05	0.1	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
20110091	Soil	13	15	0.26	60	0.036	<1	1.08	0.014	0.05	0.1	0.06	2.0	<0.1	0.05	3	<0.5	<0.2
20110092	Soil	12	32	0.70	125	0.047	<1	1.98	0.017	0.14	0.5	0.04	3.2	0.3	<0.05	6	<0.5	<0.2
20110093	Soil	9	20	0.39	117	0.055	1	1.22	0.025	0.09	0.1	0.06	2.3	0.1	0.06	4	<0.5	<0.2
20110720	Soil	8	19	0.44	169	0.045	<1	1.31	0.015	0.06	0.2	0.03	2.4	0.1	<0.05	4	<0.5	<0.2
20110721	Soil	2	10	0.09	41	0.053	<1	0.53	0.020	0.04	<0.1	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
20110722	Soil	8	20	0.22	116	0.051	<1	1.34	0.010	0.04	0.1	0.01	1.8	<0.1	<0.05	8	<0.5	<0.2
20110723	Soil	8	25	0.40	127	0.049	<1	1.66	0.012	0.06	0.1	0.03	2.2	0.2	<0.05	6	<0.5	<0.2
20110724	Soil	6	21	0.38	130	0.058	<1	1.32	0.012	0.05	0.1	<0.01	1.6	<0.1	<0.05	5	<0.5	<0.2
20110725	Soil	5	14	0.22	87	0.046	<1	0.86	0.016	0.06	<0.1	0.01	0.9	<0.1	<0.05	4	<0.5	<0.2

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PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 16, 2011

QUALITY CONTROL REPORT WHI11001022.1

	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																					
[redacted]																					
20110739	Soil	0.012	0.5	20.9	7.4	35	<0.1	13.4	6.9	177	2.24	9.2	23.0	2.6	17	0.1	0.5	<0.1	51	0.21	0.054
REP 20110739	QC		0.5	21.4	7.2	35	<0.1	14.0	6.9	186	2.24	9.6	1.6	2.9	18	<0.1	0.4	<0.1	51	0.22	0.056
[redacted]																					
20110769	Soil	<0.005	0.8	10.7	7.2	19	<0.1	5.4	2.8	84	1.54	3.0	9.3	1.6	16	<0.1	0.4	0.2	52	0.13	0.013
REP 20110769	QC		0.7	10.8	7.2	21	<0.1	5.7	2.7	87	1.54	3.4	2.0	1.8	16	0.1	0.4	0.2	50	0.14	0.013
20110774	Soil	<0.005	0.2	9.7	2.6	13	0.2	3.4	2.7	155	0.66	2.1	<0.5	0.2	26	<0.1	0.3	<0.1	17	0.47	0.039
REP 20110774	QC	<0.005																			
[redacted]																					
20111114	Soil	<0.005	0.8	15.9	8.4	41	0.2	8.0	6.1	278	1.96	12.0	3.3	1.3	17	0.2	1.0	0.4	54	0.17	0.042
REP 20111114	QC		0.8	14.9	8.1	39	0.2	8.1	6.2	257	1.97	11.7	3.3	1.3	17	0.2	0.9	0.3	53	0.16	0.043
20111127	Soil	I.S.	0.3	13.9	4.4	27	0.1	5.6	4.4	185	1.65	13.3	6.1	0.9	14	<0.1	0.5	<0.1	49	0.15	0.046
REP 20111127	QC		0.5	14.2	4.4	28	0.1	5.3	4.5	183	1.69	13.5	4.5	0.9	14	<0.1	0.5	<0.1	50	0.16	0.048
20111137	Soil	I.S.	0.5	11.4	11.1	29	0.4	5.0	7.6	403	1.72	31.2	5.0	0.6	13	<0.1	1.4	0.1	49	0.16	0.065
REP 20111137	QC		0.5	11.4	11.7	30	0.5	5.3	8.0	425	1.80	32.8	5.2	0.6	14	<0.1	1.4	0.1	51	0.17	0.068
20110722	Soil	<0.005	1.0	15.2	10.1	38	<0.1	9.8	4.6	180	2.64	11.3	2.8	1.9	18	0.1	0.6	0.2	73	0.16	0.025
REP 20110722	QC	0.006																			
Reference Materials																					
STD DS8	Standard		13.5	110.0	129.0	322	1.9	39.0	7.5	625	2.55	26.6	109.3	7.0	66	2.5	5.8	6.9	43	0.70	0.085
STD DS8	Standard		12.8	122.5	127.1	326	1.8	38.0	7.8	586	2.42	27.3	109.4	7.3	62	2.7	6.1	7.4	43	0.67	0.089
STD DS8	Standard		13.6	111.6	129.9	324	1.8	38.8	7.4	634	2.53	25.2	109.2	7.0	66	2.4	5.4	6.5	43	0.68	0.081
STD DS8	Standard		14.5	117.0	114.6	310	1.8	38.6	7.8	593	2.48	26.5	112.1	7.1	68	2.7	5.8	6.9	43	0.66	0.081
STD DS8	Standard		13.4	116.2	126.5	337	1.9	40.3	7.9	613	2.46	26.0	125.6	7.3	71	2.7	6.0	7.1	45	0.70	0.082
STD DS8	Standard		13.2	109.2	121.3	303	1.7	37.0	7.3	605	2.39	24.2	103.8	6.7	66	2.2	5.7	6.6	41	0.67	0.079
STD OXH82	Standard	1.321																			

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Project: Charlotte Project
Report Date: September 16, 2011

QUALITY CONTROL REPORT WHI11001022.1

	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																		
[redacted]																		
20110739	Soil	10	22	0.37	105	0.060	<1	1.61	0.014	0.06	0.2	<0.01	2.2	<0.1	<0.05	4	<0.5	<0.2
REP 20110739	QC	10	24	0.36	104	0.072	1	1.63	0.013	0.06	0.2	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
[redacted]																		
20110769	Soil	8	12	0.12	86	0.040	<1	0.84	0.010	0.03	0.2	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
REP 20110769	QC	8	13	0.13	88	0.046	<1	0.87	0.010	0.03	0.2	<0.01	1.1	<0.1	<0.05	5	<0.5	<0.2
20110774	Soil	3	6	0.12	85	0.024	<1	0.64	0.039	0.03	<0.1	0.01	0.6	<0.1	<0.05	2	<0.5	<0.2
REP 20110774	QC																	
[redacted]																		
20111114	Soil	10	21	0.30	99	0.070	1	1.16	0.012	0.06	0.2	0.05	2.1	0.1	<0.05	6	<0.5	<0.2
REP 20111114	QC	10	20	0.29	93	0.069	1	1.17	0.012	0.06	0.2	0.03	2.1	0.1	<0.05	6	<0.5	<0.2
20111127	Soil	10	10	0.12	134	0.051	<1	0.92	0.029	0.05	0.1	0.03	1.7	0.1	<0.05	4	<0.5	<0.2
REP 20111127	QC	10	10	0.12	134	0.053	<1	0.94	0.030	0.05	<0.1	0.02	1.9	0.1	<0.05	4	<0.5	<0.2
20111137	Soil	5	10	0.13	122	0.043	2	0.83	0.024	0.06	<0.1	0.05	1.3	0.1	<0.05	4	<0.5	<0.2
REP 20111137	QC	5	10	0.13	128	0.044	1	0.85	0.025	0.06	0.1	0.05	1.3	0.1	<0.05	4	<0.5	<0.2
20110722	Soil	8	20	0.22	116	0.051	<1	1.34	0.010	0.04	0.1	0.01	1.8	<0.1	<0.05	8	<0.5	<0.2
REP 20110722	QC																	
Reference Materials																		
STD DS8	Standard	15	120	0.63	280	0.117	2	0.94	0.091	0.41	3.1	0.18	2.1	5.5	0.15	5	5.3	4.8
STD DS8	Standard	14	117	0.63	303	0.120	3	0.89	0.083	0.43	3.2	0.19	2.1	5.7	0.15	4	5.0	5.0
STD DS8	Standard	14	120	0.62	279	0.113	2	0.90	0.083	0.42	2.7	0.20	2.2	5.7	0.14	4	5.7	5.0
STD DS8	Standard	16	114	0.59	295	0.124	2	0.90	0.085	0.38	3.1	0.19	2.0	5.3	0.17	5	5.2	5.3
STD DS8	Standard	15	121	0.61	294	0.128	2	0.96	0.108	0.41	3.1	0.19	2.4	5.3	0.14	5	5.1	5.0
STD DS8	Standard	16	115	0.61	272	0.119	3	0.92	0.091	0.41	3.0	0.22	2.4	5.2	0.17	5	5.1	4.5
STD OXH82	Standard																	

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Project: Charlotte Project
Report Date: September 16, 2011

QUALITY CONTROL REPORT WHI11001022.1

		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 OXH82	Standard	1.339																			
STD OXH82	Standard	1.306																			
STD OXH82	Standard	1.245																			
STD OXH82	Standard	1.260																			
STD OXH82	Standard	1.310																			
STD OXH82	Standard	1.316																			
STD OXH82	Standard	1.336																			
STD OXH82	Standard	1.279																			
STD OXH82	Standard	1.240																			
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		<0.1	<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	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
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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
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

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QUALITY CONTROL REPORT WHI11001022.1

		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 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	<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																	
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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	<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 IX

List of Hand Samples

Sample #	Lab Sample #	Easting	Northing	Elev. (m)	Sampler	Date	Zone	Fabric	Strike	Dip	Dip Dir.	Lithology	Rock Code	Grain Size	Colour	Texture	Alteration	Mineralization	Notes
Core Rack 1	523623	386118	6881834		AA/AB	August 5, 2011	Cabin?					Silicified Vein Rock	Vn	Fine	Green & White	Vuggy	Scorodite	Qtz	Bedrock that was removed to build core racks.
Core Rack 2	523624	386118	6881834		AA/AB	August 5, 2011	Cabin?					Silicified Vein Rock	Vn	Fine	White & Brown-Orange		Limonite, Silica	Qtz	Bedrock that was removed to build core racks.
JP11-CH001		387150	6881120	1329	JWP	July 17, 2011	Heustis	Gneissosity	205^0	-45^0	NW	Biotite Gneiss	BtGn	Medium	Black to Dark Grey	Gneissic	Chlorite	None Observed	Possible biotite is an alteration of an amphibole.
JP11-CH003		386738	6881967	1366	JWP	July 23, 2011	Flex	Massive				Quartz Latite	QL	Porphyritic	Light Pink	Porphyritic	Clay, Sericite	None Observed	Strong clay alteration of K-spar phenocrysts, weak alteration of ground-mass.
JP11-CH006		386733	6882051	1401	JWP	July 23, 2011	Flex	Massive				Quartz Latite	QL	Porphyritic	Pale Grey	Porphyritic	Clay, Sericite	None Observed	Strong clay alteration of K-spar phenocrysts, weak alteration of ground-mass, 10-15% quartz eyes. Fractures exposed in trench: 61/32S, 42/74N, 160/86W.
JP11-CH007		386744	6882071	1401	JWP	July 23, 2011	Flex	Gneissosity	350^0	-90^0	Vert.	Biotite Gneiss	BtGn	Medium	Black to Dark Grey	Gneissic		None Observed	An isolated sub-crop. Could be a boulder?
JP11-CH010		386795	6881722	1303	JWP	July 24, 2011	Flex	Gneissosity	020^0	-90^0	Vert.	Biotite (Muscovite) Gneiss	BtGn	Medium	Greyish Brown	Gneissic	Sericite, Muscovite	Pyrite	Strongly muscovite-altered biotite gneiss. Disseminated pyrite blebs noted in weakly altered layers.
JP11-CH011		386811	6881718	1304	JWP	July 24, 2011	Flex	Gneissosity	020^0	-90^0	Vert.	Biotite (Muscovite) Gneiss	BtGn	Medium	Pale Green & Brown	Gneissic	Sericite, Muscovite		Intense and pervasive muscovite-altered biotite gneiss.
JP11-CH012		386795	6881722	1306	JWP	July 24, 2011	Flex	Gneissosity	018^0	-44^0	W	Biotite (Muscovite) Gneiss	BtGn	Medium	Black to Dark Grey	Gneissic		Pyrite	Traces of pyrite.
LHT-11-1A	523457	387095	6881442	1302	NMS	June 19,2011	Heustis	-	-	-	-	Meta-intrusive?		<0.5 mm	Dark Tan to Brown-Black	Faint intrusive texture, strong alteration overprints original textures	Limonitic, Tr Scorodite & Sil	None Observed	Located in an old Heustis trench (H86-1), moderately hard (4-5), conchoidal breakage.
LHT-11-1B	523458	387077	6881429	1303	NMS	June 19,2011	Heustis	Vein	-	-	-	Altered rock	AR	Fine	Silver to Dark Grey		Strong Mn, Weak Fe, Trace Scorodite	Py, Ars, Sph	Located in an old Heustis trench (H86-1), moderately hard, moderate limonite alteration, can't be massive sulphide as it would be heavier.
LHT-11-1C	523459	387007	6881392	-	NMS	June 19,2011	Heustis	Vein	-	-85-90^0	W	Vein Material Xcutting Mafic Gneisses	Vn	Fine	Pale Yellow to White	-	Pervasive Scorodite, Quartz & Limonite Along Fracture Surfaces	Py, Unidentifiable Black Sulphides	
NMS-11-001		386687	6882071	-	NMS	July 5 ,2011	Flex	Porphyritic	-	-	-	Latite/QPF/Rhyolite		Porphyritic	Pale Grey to White		White Clays	None Observed	Weakly silicified matrix with quartz and feldspar phenos1-2 mm, actual lithology is unknown.
NMS-11-002		386234	6882264	-	NMS	July 5 ,2011	Webber	Fine Grained	-	-	-	Bleached Gneiss or Altered Quartzite		Fine	Pale Tan to Cream		White Clays, Silica	None Observed	Thin quartz veins (feldspar/gypsum), in old trench with NMS-001 to NMS-004.
NMS-11-003		386244	6882268	-	NMS	July 5 ,2011	Webber	Gneissic, Megacrysts	-	-	-	Granitic Gneiss	GrGn	1 cm	White to Grey	Porphyritic, Megacrystic, Gneissic		None Observed	Megacrystic gneissic rock, with biotite along foliation planes, in old trench with NMS-001 to NMS-004.
NMS-11-004		386249	6882269	-	NMS	July 5 ,2011	Webber	Faulted		-75^0	NW	Faulted Interval, Vein	Vn	Aphanitic	Brown to Grey		Scorodite w/ Mn Staining	None Observed	Located in old webber trench with NMS-001 to NMS-004.
NMS-11-005		387057	6881804	1341	NMS	July 11 ,2011	Heustis North	-	-	-	-	Altered rock	AR	-	Orangy Tan	Gneissic	Limonitic, Clay	Tr Py, Unidentifiable Black Sulphides	Strongly limonitic earthy powdery appearance. So altered that crystal structures and textures cannot be identified. In old Heustic Trench.
NMS-11-007		386566	6882168	1340	NMS	July 11 ,2011	Webber	Gneissosity	-	-	-	Quartz Feldspar Gneiss							
NMS-11-008a		386592	6882191	1343	NMS	July 11 ,2011	Webber	Contact	000^0	-20^0	NE	Contact btw QA Gneiss Abd Mafic Schist	QAGn	1-2 cm	White to Grey	Megacrystic, Gneissosity	-	None Observed	
NMS-11-008b		386592	6882191	1343	NMS	July 11 ,2011	Webber	Contact	000^0	-20^0	NE	Contact btw QA Gneiss Abd Mafic Schist	MSch	Fine	Black to Dark Green	Weak Schistosity	Chlorite	None Observed	2 m wide.
NMS-11-009		386696	6882254	1349	NMS	July 11 ,2011	Webber	-	-	-	-	Quartz Feldspar Gneiss	QAGn	1-2 cm	White to Grey	Megacrystic, Gneissosity	-	None Observed	End of trench.
NMS-11-011		386860	6882428	1376	NMS	July 11 ,2011	Webber	-	-	-	-	Biotite Gneiss	BtGn	-	Black to Dark Grey	Gneissic	-	-	
NMS-11-012		386884	6882450	1381	NMS	July 11 ,2011	Webber	Foliation	340^0	-65^0	NE	QF Banded Gneiss	Gn						Quartz feldsap banded gneiss with bands of amphibole and biotite. Dominated by felsics but mafics occur in localized bands. Sections of coarser lenses. Fol at 340/-65.
NMS-11-013	523461	386888	6882452	1384	NMS	July 11 ,2011	Webber					Vein	Vn						Vein hosted in gneiss.
NMS-11-014		387034	6882578	1416	NMS	July 11 ,2011	Webber					Quartz Latite	QL						Quartz flooded sections, white, earth groundmass. Same as top of DDH252. Moderate iron staining.
NMS-11-015		387041	6882587	1420	NMS	July 11 ,2011	Webber					Quartz Latite	QL						Iron quartz flooded area within latite QFP. No preferential fracturing/foliation. Very to moderately broken. Lesser grey sections as well.
NMS-11-016	523462	387043	6882590	1419	NMS	July 11 ,2011	Webber					Quartz Latite	QL				Scorodite	Ars, Py	Similar to 015, but with sulphides, arsenopyrite and scorodite alteration.
Oc-9	523811	386051	6883957	1252	TSD	August 2, 2011						Granodiorite	Gd						Same as AE-2. Sample most likely near OC-10.
Oc-10	524812	386051	6883957	1467	TSD	August 2, 2011						Basalt/Andesite	B	Very Fine	Dark Green			1% Py	Very fine grained volcanic. Very dark green to charcoal colour, small pyrite veins (0.5mm) and clots throughout. Andesite to basalt.
Oc-14		386261	6883703	1518	TSD	August 2, 2011						Basalt/Andesite	B						Same andesite/basalt.
TR-AA-1		385070	6885579	1362	TSD	July 31, 2011						Trench Point (No Rock)	NA						
TR-AAB-1	524825	385504	6884178	1338	LAB	August 4, 2011	Goulter					Andesite & Granodiorite	And & Gd	Fine to Medium	Dark Green to Light Grey		Chlorite	1-2% Py, Tr Other Sulphides	Majority of the rock in area, coarse grained granodiorite but very weathered and altered.
TR-AAB-2	524826	385515	6884186	1336	LAB	August 4, 2011	Goulter		140^0	-65^0 (Apparent)		Altered Granodiorite	Gd	Coarse	Creamy White to Rusty Orange		Oxidized, Minimal Sericite	Diss Py Throughout	Also in area was andesite as described in OC-A, without sulphides and much more chlorite alteration. Also present is Gd which was the same as sample 524820.
TR-AAB-3	524751	385530	6884198	1339	LAB	August 4, 2011	Goulter					Andesite & Granodiorite	And & Gd	Fine	Medium to Dark Green, Pink w/ White	Silicified	Chlorite, Sericite, Epidote, Lim	2-3% Py Diss & Blebs	Both andesite and granodiorite present but only granodiorite was sampled.
TR-AAB-4		385540	6884204	1344	LAB	August 9, 2011	Goulter					Andesite	And	Very Fine	Blue to Dark Green	Aphentic	Chlorite	Py Blebs & Stringers	Some andesite showed light and dark banding, limonite fractures present, with feldspar veins.
TR-AAB-4.5	524752	385554	6884209	1340	LAB	August 9, 2011	Goulter					Granodiorite	Gd	Very Fine	Grey to White	Silicified & Aphentic	Limonite, MgO	Tr Py Diss & Stringers	Possible pyroxene crystals, more than 5% stringers and veinlets of calcite. Alteration halo present.
Tr-AK-1		385548	6884134	1347	TSD	August 1, 2011						Trench Point (No Rock)	NA						
Tr-AK-2	524809	385562	6884136	1347	TSD	August 1, 2011			145^0	-52^0		Altered Rock	AR		Brown/Orange/Black				Brown/orange/black, fractured, weakly limonized, bleached rock, Manganese staining. 145/52.
Tr-AK-3	524810	385589	6884151	1347	TSD	August 1, 2011						Altered Rock	AR						Same as AK-2.
TR-AK-4		385629	6884176	1344	LAB	August 9, 2011	Goulter					Andesite & Granodiorite	And & Gd	Very Fine	Light to Dark Grey	Aphentic & Silicified	Chlorite & Biotite	Py Blebs in Andesite	Seems as though the granodiorite is intruding through the andesite. Which also accounts for the dark and light banding sections.
TR-AK-5		385647	6884191	1342	LAB	August 9, 2011	Goulter					Andesite & Granodiorite	AND & Gd	Very Fine to Coarse	Light to Dark Grey	Aphentic, Phaneritic & Silicified	Sil, Feldspar & Chlorite		A coarse and fine grained granodiorite intruding through the andesite.
Tr-AS-2	524814	385225	6884188	1326	TSD	August 2, 2011			140^0			Trench Point (No Rock)	NA				Limonized, Manganese, Bleached		Highly limonized/manganese stained, bleached rock. Striking 140.
Tr-AT-1	524816	386317	6883589	1519	TSD	August 2, 2011						Basalt/Andesite	B						OK86-5
Tr-AT-2	524817	386326	6883592	1518	TSD	August 2, 2011						Basalt/Andesite	B						OK86-5
Tr-AT-3		386351	6883607	1517	TSD	August 2, 2011						Basalt/Andesite	B						OK86-5
Tr-R-1		385037	6885642	1357	TSD	July 30, 2011													Trench overgrown/overburden.
Tr-R-2		385030	6885616	1359	TSD	July 30, 2011													Trench overgrown/overburden.
Tr-R-3		385023	6885595	1367	TSD	July 30, 2011													Trench overgrown/overburden.
Tr-S-1		385024	6885626	1360	TSD	July 30, 2011													
Tr-S-2		385051	6885637	1359	TSD	July 30, 2011													
Tr-S-3		385089	6885641	1355	TSD	July 30, 2011													
Tr-S-4		385126	6885651	1352	TSD	July 30, 2011													
Tr-T-1		385101	6885618	1355	TSD	July 30, 2011													
Tr-T-2		385096	6885652	1356	TSD	July 30, 2011													
Tr-T-3		385091	6885682	1355	TSD	July 30, 2011													
Tr-U-1		385070	6885662	1355	TSD	July 30, 2011													
Tr-U-2		385071	6885649	1355	TSD	July 30, 2011													
Tr-U-3		385071	6885638	1356	TSD	July 30, 2011													
Tr-V-1		385059	6885597	1359	TSD	July 30, 2011													
Tr-V-2		385057	6885618	1357	TSD	July 30, 2011													
Tr-V-2.5	523473	385059	6885624	1351	TSD	July 30, 2011						Qtz-Porphyry			White/Grey			10% Py, Ars	Quartz porphyry hypidiomorphic intrusive igneous. Qtz 75%, pyrite/arseno 10%, dark grey/black min 15%, trace hematite. Qtz phenos 1-4mm.
Tr-V-3		385054	6885643	1357	TSD	July 30, 2011													
Tr-W-1		385120	6885770	1354	TSD	July 31, 2011													
Tr-W-2		385106	6885753	1351	TSD	July 31, 2011													
Tr-W-3		385093	6885738	1352	TSD	July 31, 2011													
Tr-X-1		385088	6885730	1351	TSD	July 31, 2011													
Tr-X-2		385076	6885716	1351	TSD	July 31, 2011													
Tr-X-3		385064	6885699	1350	TSD	July 31, 2011													

Sample #	Lab Sample #	Easting	Northing	Elev. (m)	Sampler	Date	Zone	Fabric	Strike	Dip	Dip Dir.	Lithology	Rock Code	Grain Size	Colour	Texture	Alteration	Mineralization	Notes
Tr-Y-1		385055	6885688	1351	TSD	July 31, 2011													
Tr-Y-2		385048	6885679	1347	TSD	July 31, 2011													
Tr-Y-3		385038	6885666	1347	TSD	July 31, 2011													
W86-31A		386583	6882183	1343	NMS	June 15, 2011	Webber	A: Foliation	A: 153°	NA	-	QF Amphibole Granodiorite	Gd	3-6 mm	Grey to White	Phaneritic	Minor Mn on Fractures		Very coarse grained intrusive, has a boudinage type appearance, strong vertical shearing. No preferential orientation to phenocrysts. Occasional qtz pheno up to 1.5cm. Local actinolite needles. Feldspar.
W86-31B	523453	386656	6882242	-	NMS	June 15, 2011	Webber	Vein	330°	-68°	-	Vein Material XCuts Granodiorite	Gd	Fine	Grey			-	Fine grained felsic gneiss/quartzite. Epidote and hematite staining. Quartz lenses and eyes are clear.
W86-31C	523454	386700	6882281	-	NMS	June 15, 2011	Webber	Foliation	-	-	-	Mafic (Amphibole) Gneiss	MGn	0.5 mm	Black to Dark Green	Gneissic w/ Local Sedimentary Appearance	Fe and Mn Staining	-	
W86-40		386712	6882047	1404	NMS	June 15, 2011	Flex					QFP					Siliceous		Trench W86-40, starts in siliceous QFP no preferential orientation of the foliation or structure, no visible sulphides.
WRx-11-001	523451	386416	6881980	1316	NMS/AP/TD	June 3, 2011	Webber	A: Fracture B: Foliation	A: 095° B: 110°	A: -85° B: NA	A: S B: NA	Biotite Feldspar Gneiss	Gn	3 mm Feldspar Phenos	Grey-Black	Moderate Porphyritic Textures	Silicified, Weak Chlorite	<2% Py, Tr Cpy, Sph?	Weakly to moderately gneissic, oxidized along fractures, weak dentricitc Mn staining, mineral boundaries were gradational/corroded. Webber Trench 86-12.
WRx-11-002		386411	6881977	1323	NMS/AP/TD	June 3, 2011	Webber	A: Fracture B: Fracture C: Fracture D: Foliation	A: 204° B: 254° C: 291° D: 196°	A: -55° B: -90° C: -70° D: -38°	A: W B: Vert. C: N D: W	Bleached Gneiss	Gn	mm scale	White	Gneissic	Strong Clay, Silica, & Bleaching, Oxidation Along Fracture Planes	None Observed	Strongly bleached and clay altered, moderately silicified, remnant qtz veins aligned with overprinted gneissic foliation. Webber Trench 86-12.
WRx-11-003	523452	386401	6881975	1322	NMS/AP/TD	June 3, 2011	Webber	A: Vein B: Fracture (adj to vein)	A: 290° B: 018°	A: -70° B: -90°	A: N B: Vert.	12-15 cm Vein	Vn	Very Fine	White, Grey, Cream, Green & Yellow	Weakly to Moderately Vuggy	Moderate Silica, Weak Clay, Patchy Arsenic Staining	Semi-Opaque Dark Grey Patches Containing v.f.g. Sulphides Tr Interstitial Gal & Py	Bleached vein rock, green patchy arsenic staining, vuggy in places, host rock is bleached gneiss. Webber Trench 86-12.

Appendix X

Certificate of Analysis for Rock Samples

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: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: June 17, 2011
Report Date: July 12, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI11000245.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-03
P.O. Number
Number of Samples: 116

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	109	Crush split and pulverize 250g drill core to 200 mesh			WHI
1DX2	115	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G601	115	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
G6Gr	3	Lead collection fire assay 30G fusion - Grav finish	30	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

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.
"*" 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: Charlotte Project
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000245.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	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



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PO Box 11604
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Project: Charlotte Project
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000245.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	G6Gr
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Au
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	0.005	0.9

[redacted]

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Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	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

[redacted]

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Project: Charlotte Project
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000245.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	G6Gr
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Au
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	0.005	0.9

[redacted]

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www.acmelab.com

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

Project: Charlotte Project
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000245.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	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



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Project: Charlotte Project
Report Date: July 12, 2011

CERTIFICATE OF ANALYSIS WHI11000245.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	G6Gr
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Au
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	0.005	0.9

[redacted]

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Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL	0.01	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
[redacted]																				
523451 Rock	1.96	0.1	5.4	3.8	113	<0.1	3.1	20.5	812	3.41	3.8	2.1	3.7	33	0.6	0.8	<0.1	108	1.19	0.154
523452 Rock	0.92	0.7	90.5	859.0	129	9.1	1.9	3.1	62	2.97	>10000	25783	1.6	6	7.9	276.4	0.2	3	0.02	0.009
523453 Rock	1.07	<0.1	1.1	9.9	32	<0.1	2.9	1.0	257	0.41	36.6	32.2	1.5	30	0.2	1.1	<0.1	<2	0.29	0.007
523454 Rock	0.78	0.2	36.5	13.0	401	0.1	14.7	23.8	1521	6.17	32.9	29.0	1.1	89	3.8	5.3	<0.1	222	1.96	0.182
[redacted]																				

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CERTIFICATE OF ANALYSIS WHI11000245.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	G6Gr
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Au
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	0.005	0.9
[redacted]																			
523451	Rock	19	4	1.00	249	0.195	<1	1.54	0.128	0.60	<0.1	<0.01	7.7	0.2	<0.05	7	<0.5	<0.2	<0.005	
523452	Rock	3	10	<0.01	83	<0.001	3	0.15	0.002	0.13	<0.1	0.77	0.7	4.5	1.35	1	<0.5	<0.2	>10	22.0
523453	Rock	3	8	0.03	79	<0.001	<1	0.22	0.042	0.11	<0.1	0.04	0.3	<0.1	<0.05	<1	<0.5	<0.2	0.024	
523454	Rock	11	6	1.82	187	0.114	1	2.78	0.016	0.49	<0.1	<0.01	18.8	0.4	<0.05	12	<0.5	<0.2	0.029	
[redacted]																			

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Project: Charlotte Project
Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000245.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	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																					
[redacted]																					
Reference Materials																					
STD CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard		12.9	106.9	113.0	295	1.6	35.2	7.5	613	2.39	25.9	109.2	6.2	57	2.2	5.1	5.6	40	0.71	0.078
STD DS8	Standard		13.5	112.8	123.4	308	1.7	38.3	7.8	606	2.42	26.1	107.8	6.8	58	2.3	5.0	6.2	42	0.71	0.078

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QUALITY CONTROL REPORT WHI11000245.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	G6Gr
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	0.005	0.9
Pulp Duplicates																				
[redacted]																				
Reference Materials																				
STD CDN-ME-3	Standard																			9.4
STD CDN-ME-3	Standard																			9.9
STD DS8	Standard	14	113	0.59	257	0.105	2	0.86	0.087	0.38	2.8	0.19	2.0	4.7	0.16	4	4.5	4.1		
STD DS8	Standard	15	116	0.60	276	0.107	1	0.93	0.088	0.40	2.9	0.19	2.1	5.1	0.16	4	4.9	4.5		

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QUALITY CONTROL REPORT WHI11000245.1

		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	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
STD DS8	Standard		12.4	105.9	117.5	299	1.8	37.0	7.0	605	2.42	24.6	107.7	5.8	59	2.4	5.6	6.3	41	0.68	0.077
STD DS8	Standard		12.0	95.1	112.0	294	1.6	34.0	7.2	602	2.44	25.2	93.2	6.0	60	2.0	4.9	5.6	42	0.66	0.073
STD DS8	Standard		13.9	120.5	129.3	331	1.8	39.6	7.7	620	2.54	26.6	123.0	7.5	67	2.5	6.3	7.2	43	0.72	0.077
STD DS8	Standard		13.9	119.4	123.8	323	1.7	39.5	7.7	622	2.50	27.1	107.3	7.2	66	2.4	5.9	6.9	42	0.73	0.078
STD DS8	Standard		12.8	109.3	122.9	323	1.8	38.6	7.6	649	2.47	26.4	111.4	7.4	70	2.6	6.0	7.4	45	0.72	0.080
STD DS8	Standard		14.1	109.3	128.5	326	1.8	38.1	7.3	621	2.47	26.4	106.3	7.7	73	2.5	6.1	7.1	43	0.72	0.081
STD DS8	Standard		12.7	107.2	116.3	313	1.8	38.7	7.5	630	2.44	25.1	105.9	7.2	70	2.2	6.0	6.5	39	0.71	0.076
STD DS8	Standard		13.1	111.1	121.2	320	1.7	37.4	7.3	638	2.49	25.9	108.5	7.0	72	2.4	5.8	6.8	39	0.73	0.081
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 OXH82 Expected																					
STD OXK79 Expected																					
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
STD CDN-ME-3 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

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Project: Charlotte Project
Report Date: July 12, 2011

QUALITY CONTROL REPORT WHI11000245.1

		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	G6 Au gm/t 0.005	G6Gr Au gm/t 0.9
STD DS8	Standard	13	113	0.58	269	0.101	<1	0.88	0.087	0.41	3.0	0.18	1.9	5.2	0.16	4	5.2	4.7		
STD DS8	Standard	14	111	0.60	273	0.105	<1	0.89	0.087	0.41	3.0	0.18	1.9	4.9	0.16	5	5.6	4.7		
STD DS8	Standard	15	120	0.62	289	0.129	3	0.92	0.087	0.41	2.9	0.23	2.0	5.2	0.17	5	5.3	5.0		
STD DS8	Standard	15	120	0.61	279	0.131	2	0.94	0.089	0.41	2.9	0.20	2.2	5.1	0.17	5	4.9	4.7		
STD DS8	Standard	14	118	0.62	276	0.123	2	0.94	0.088	0.42	3.0	0.21	1.9	5.3	0.17	5	5.5	5.3		
STD DS8	Standard	15	114	0.62	288	0.121	2	0.94	0.089	0.42	2.9	0.18	1.9	5.4	0.16	5	5.9	5.3		
STD DS8	Standard	14	115	0.61	274	0.117	3	0.93	0.092	0.41	2.9	0.18	1.9	4.9	0.15	5	6.1	5.4		
STD DS8	Standard	15	117	0.62	273	0.118	2	0.98	0.097	0.44	2.9	0.21	1.9	5.2	0.15	5	5.4	5.2		
STD OXH82	Standard																		1.294	
STD OXH82	Standard																		1.338	
STD OXH82	Standard																		1.343	
STD OXH82	Standard																		1.364	
STD OXH82	Standard																		1.358	
STD OXH82	Standard																		1.256	
STD OXK79	Standard																		3.459	
STD OXK79	Standard																		3.814	
STD OXK79	Standard																		3.824	
STD OXK79	Standard																		3.702	
STD OXK79	Standard																		3.542	
STD OXH82 Expected																			1.278	
STD OXK79 Expected																			3.532	
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		
STD CDN-ME-3 Expected																				9.77
BLK	Blank																		<0.005	
BLK	Blank																		<0.005	
BLK	Blank																		<0.005	
BLK	Blank																		<0.005	
BLK	Blank																		<0.005	
BLK	Blank																		<0.005	

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QUALITY CONTROL REPORT WHI11000245.1

		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	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																				
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	<0.001
BLK	Blank																				
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	<0.001
BLK	Blank																				
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	<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																				
Prep Wash																					
G1	Prep Blank		0.9	1.9	3.1	48	<0.1	4.7	4.2	566	1.89	0.7	5.3	4.9	53	<0.1	<0.1	<0.1	34	0.50	0.084
G1	Prep Blank		5.0	2.3	3.2	49	<0.1	5.6	4.7	589	1.98	1.0	0.7	5.8	53	<0.1	<0.1	<0.1	37	0.55	0.079

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QUALITY CONTROL REPORT WHI11000245.1

		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	G6 Au gm/t 0.005	G6Gr Au gm/t 0.9
BLK	Blank																		<0.005	
BLK	Blank																		<0.005	
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																			<0.9
BLK	Blank																		<0.005	
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																		<0.005	
BLK	Blank																		<0.005	
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																			<0.9
Prep Wash																				
G1	Prep Blank	8	11	0.59	220	0.098	<1	1.00	0.086	0.46	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2	<0.005	
G1	Prep Blank	11	14	0.63	232	0.103	<1	0.99	0.081	0.45	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2	<0.005	

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www.acmelab.com

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

Submitted By: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: June 22, 2011
Report Date: September 30, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI11000294.3

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-04
P.O. Number
Number of Samples: 98

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	94	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	98	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	98	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G6Gr	2	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN
7TD	3	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 3: 7TD Pb included.

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
Chris Basil

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 30, 2011

CERTIFICATE OF ANALYSIS WHI11000294.3

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

[redacted]

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CERTIFICATE OF ANALYSIS WHI11000294.3

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9

[redacted]

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Method	7TD	7TD	7TD	7TD
Analyte	Cu	Pb	Zn	Ag
Unit	%	%	%	gm/t
MDL	0.001	0.02	0.01	2
[redacted]				

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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

[redacted]

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Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9

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Method	7TD	7TD	7TD	7TD
Analyte	Cu	Pb	Zn	Ag
Unit	%	%	%	gm/t
MDL	0.001	0.02	0.01	2
[redacted]				

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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

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Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9

[redacted]

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Method	7TD	7TD	7TD	7TD
Analyte	Cu	Pb	Zn	Ag
Unit	%	%	%	gm/t
MDL	0.001	0.02	0.01	2
[redacted]				

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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
523457	Drill Core	0.55	0.015	3.8	67.5	13.3	518	0.2	28.7	15.5	4757	2.44	122.3	8.9	3.4	19	7.1	21.9	1.0	23	0.06
523458	Drill Core	0.98	0.011	1.9	37.6	11.1	208	0.2	63.9	18.8	9312	2.22	217.2	5.7	2.7	20	2.3	18.2	0.4	16	0.09
523459	Drill Core	0.44	0.149	1.0	14.1	13.5	17	3.9	0.8	0.2	68	0.79	132.2	145.9	0.9	14	0.2	10.6	<0.1	2	0.07

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CERTIFICATE OF ANALYSIS WHI11000294.3

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
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	50	0.9
[redacted]																				
523457 Drill Core	0.038	10	9	0.02	1416	<0.001	1	0.39	0.001	0.09	<0.1	0.06	4.4	2.5	0.06	<1	1.2	0.2		
523458 Drill Core	0.033	11	4	0.03	148	<0.001	<1	0.33	0.002	0.14	<0.1	0.05	3.3	0.8	<0.05	1	1.0	0.3		
523459 Drill Core	0.010	2	1	0.02	88	<0.001	2	0.23	0.002	0.24	<0.1	0.02	0.9	0.5	0.23	<1	<0.5	<0.2		

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CERTIFICATE OF ANALYSIS WHI11000294.3

Method		7TD	7TD	7TD	7TD
Analyte		Cu	Pb	Zn	Ag
Unit		%	%	%	gm/t
MDL		0.001	0.02	0.01	2
[redacted]					
523457	Drill Core				
523458	Drill Core				
523459	Drill Core				

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Project: Charlotte Project
Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000294.3

	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																					
[redacted]																					
Reference Materials																					
STD CDN-ME-3	Standard																				
STD DS8	Standard			12.3	115.1	114.9	311	1.7	38.7	7.7	583	2.42	24.3	108.6	5.9	58	2.3	4.8	6.3	40	0.67
STD DS8	Standard			13.1	115.1	115.9	310	1.7	39.0	7.6	598	2.51	24.7	107.5	5.9	59	1.9	4.7	5.9	41	0.70
STD DS8	Standard			12.1	112.5	128.2	323	1.9	40.0	7.6	624	2.51	28.3	113.7	6.9	65	2.5	5.9	7.0	41	0.71
STD DS8	Standard			12.2	106.7	123.5	308	1.7	37.5	7.3	590	2.48	25.5	105.7	6.5	64	2.1	5.2	6.9	40	0.68
STD DS8	Standard			13.6	102.1	122.3	321	1.8	37.9	7.8	633	2.59	30.1	107.8	6.7	65	2.4	5.4	6.5	43	0.75

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QUALITY CONTROL REPORT WHI11000294.3

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6Gr	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Ag	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	gm/t
	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	50	0.9
Pulp Duplicates																					
[redacted]																					
Reference Materials																					
STD CDN-ME-3	Standard																			264	10.2
STD DS8	Standard	0.075	12	116	0.58	255	0.107	4	0.87	0.083	0.39	2.8	0.20	1.9	5.1	0.16	4	5.1	5.1		
STD DS8	Standard	0.079	13	120	0.60	254	0.108	2	0.89	0.087	0.39	2.7	0.17	1.9	5.0	0.16	5	5.4	4.7		
STD DS8	Standard	0.082	15	115	0.62	272	0.116	2	0.92	0.086	0.42	3.2	0.20	2.3	5.1	0.16	5	4.8	5.2		
STD DS8	Standard	0.087	14	107	0.61	266	0.109	2	0.90	0.084	0.42	2.6	0.17	2.0	5.0	0.16	4	4.8	4.6		
STD DS8	Standard	0.081	16	117	0.61	266	0.114	2	0.91	0.088	0.43	3.0	0.20	2.0	5.4	0.16	5	5.7	4.9		

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Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000294.3

	Method	7TD	7TD	7TD	7TD
	Analyte	Cu	Pb	Zn	Ag
	Unit	%	%	%	gm/t
	MDL	0.001	0.02	0.01	2
Pulp Duplicates					
[redacted]					
Reference Materials					
STD CDN-ME-3	Standard				
STD DS8	Standard				
STD DS8	Standard				
STD DS8	Standard				
STD DS8	Standard				
STD DS8	Standard				

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QUALITY CONTROL REPORT WHI11000294.3

		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	100.7	128.5	316	1.8	36.9	7.7	629	2.53	30.5	111.2	6.7	65	2.5	5.3	6.7	43	0.72
STD DS8	Standard			12.3	95.9	109.1	286	1.6	35.4	7.3	581	2.35	25.6	96.5	5.8	58	2.3	4.6	5.8	41	0.68
STD DS8	Standard			13.5	96.7	114.6	290	1.6	34.8	7.0	562	2.30	26.8	100.8	6.1	64	2.3	5.0	5.8	41	0.69
STD DS8	Standard			12.6	104.2	121.5	298	1.7	35.5	6.6	574	2.36	28.4	103.0	6.7	63	2.0	5.7	6.6	38	0.65
STD DS8	Standard			12.5	103.6	127.8	317	1.8	36.1	7.1	613	2.45	26.2	115.8	7.2	69	2.4	6.2	7.3	40	0.69
STD OREAS131B	Standard																				
STD OXH82	Standard		1.376																		
STD OXH82	Standard		1.290																		
STD OXH82	Standard		1.351																		
STD OXH82	Standard		1.315																		
STD OXK79	Standard		3.769																		
STD OXK79	Standard		3.645																		
STD OXK79	Standard		3.575																		
STD OXK79	Standard		3.535																		
STD R4T	Standard																				
STD SU-1B	Standard																				
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD R4T Expected																					
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD CDN-ME-3 Expected																					
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
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																		

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

Project: Charlotte Project
Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000294.3

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
STD DS8	Standard	0.086	15	117	0.60	275	0.112	2	0.91	0.085	0.43	3.0	0.21	1.9	5.8	0.17	5	5.8	5.1		
STD DS8	Standard	0.075	13	109	0.57	254	0.102	<1	0.88	0.083	0.39	2.6	0.18	2.1	4.7	0.15	4	4.4	4.4		
STD DS8	Standard	0.072	15	104	0.55	271	0.107	2	0.88	0.083	0.38	2.6	0.17	2.2	4.7	0.15	5	5.5	4.5		
STD DS8	Standard	0.076	13	107	0.57	261	0.098	2	0.84	0.078	0.38	3.3	0.23	1.8	5.5	0.15	5	5.2	5.1		
STD DS8	Standard	0.077	14	114	0.60	282	0.107	2	0.90	0.086	0.40	3.1	0.22	1.9	5.4	0.15	5	7.1	5.1		
STD OREAS131B	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 R4T	Standard																				
STD SU-1B	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD R4T Expected																					
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD CDN-ME-3 Expected																				276	9.77
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		
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																				

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		7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01	7TD Ag gm/t 2
STD DS8	Standard				
STD DS8	Standard				
STD DS8	Standard				
STD DS8	Standard				
STD DS8	Standard				
STD OREAS131B	Standard	0.021	1.78	3.09	33
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 R4T	Standard	0.496	1.50	3.36	84
STD SU-1B	Standard	1.148	<0.02	0.02	5
STD OXH82 Expected					
STD OXK79 Expected					
STD R4T Expected		0.502	1.518	3.376	86
STD OREAS131B Expected		0.0216	1.86	3.14	33.3
STD SU-1B Expected		1.185	0.0058	0.0235	6.4
STD CDN-ME-3 Expected					
STD DS8 Expected					
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				

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QUALITY CONTROL REPORT WHI11000294.3

		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			<0.1	<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																				
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank		<0.005	0.1	1.4	2.9	45	<0.1	3.4	4.1	508	1.81	3.4	0.7	4.5	63	<0.1	<0.1	<0.1	36	0.49
G1	Prep Blank		<0.005	0.1	2.5	2.9	43	<0.1	2.9	4.0	503	1.79	3.9	<0.5	4.2	58	<0.1	0.1	<0.1	36	0.46

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Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000294.3

		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	G6Gr Ag gm/t 50	G6Gr Au gm/t 0.9
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																				
BLK	Blank																			<50	<0.9
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		
Prep Wash																					
G1	Prep Blank	0.074	8	6	0.53	194	0.109	<1	0.92	0.073	0.44	<0.1	<0.01	1.9	0.2	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.073	8	6	0.52	189	0.106	<1	0.91	0.071	0.43	<0.1	<0.01	1.8	0.2	<0.05	5	<0.5	<0.2		

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Report Date: September 30, 2011

QUALITY CONTROL REPORT WHI11000294.3

		7TD Cu % 0.001	7TD Pb % 0.02	7TD Zn % 0.01	7TD Ag gm/t 2
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank	<0.001	<0.02	<0.01	<2
BLK	Blank				
BLK	Blank				
Prep Wash					
G1	Prep Blank				
G1	Prep Blank				

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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: July 19, 2011
Report Date: August 03, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI11000659.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-014
P.O. Number
Number of Samples: 41

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	39	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	41	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	41	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: Nicola Struyk
Peter Dadson
Bernie Dewonek

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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

Project: Charlotte Project
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000659.1

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

[redacted]

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CERTIFICATE OF ANALYSIS WHI11000659.1

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



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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
[redacted]																				
523461 Rock	0.54	<0.005	0.1	10.8	370.7	207	1.9	2.2	2.0	509	0.81	67.1	2.0	1.6	6	1.0	7.4	<0.1	3	0.16
523462 Rock	1.13	<0.005	0.7	1.0	12.6	100	0.1	0.8	0.4	39	0.60	127.7	2.7	24.5	19	1.0	7.0	0.2	<2	0.03

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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
[redacted]																			
523461 Rock	0.044	6	3	0.04	142	<0.001	4	0.34	0.003	0.26	<0.1	0.01	0.6	0.2	<0.05	<1	<0.5	<0.2	
523462 Rock	0.020	54	4	0.03	129	<0.001	4	0.33	0.002	0.26	<0.1	0.03	0.8	0.2	<0.05	<1	<0.5	<0.2	

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Report Date: August 03, 2011

QUALITY CONTROL REPORT WHI11000659.1

	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																					
[redacted]																					
Reference Materials																					
STD DS8	Standard			14.4	119.6	126.5	320	1.9	38.9	8.1	623	2.53	28.7	123.9	7.0	66	2.6	5.9	6.8	42	0.72
STD DS8	Standard			14.7	118.6	122.5	317	1.7	40.4	8.1	635	2.51	27.6	128.1	7.5	67	2.5	5.7	6.9	43	0.76
STD DS8	Standard			12.4	108.1	121.9	307	1.9	36.9	7.4	587	2.37	25.3	129.0	6.6	58	2.3	5.0	6.3	42	0.69
STD DS8	Standard			11.1	104.0	117.3	292	1.7	35.9	7.0	558	2.33	24.1	125.5	6.1	57	2.2	4.5	6.0	41	0.61
STD OREAS131B	Standard																				
STD OXH82	Standard		1.337																		
STD OXH82	Standard		1.211																		
STD OXK79	Standard		3.658																		
STD OXK79	Standard		3.659																		
STD R4T	Standard																				
STD SU-1B	Standard																				
STD R4T Expected																					
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		

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Acme Analytical Laboratories (Vancouver) Ltd.
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www.acmelab.com

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

Project: Charlotte Project
Report Date: August 03, 2011

QUALITY CONTROL REPORT WHI11000659.1

	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																				
[redacted]																				
Reference Materials																				
STD DS8	Standard	0.083	15	126	0.64	288	0.121	3	0.96	0.092	0.43	3.2	0.23	2.1	5.6	0.16	5	5.2	5.2	
STD DS8	Standard	0.077	16	126	0.64	293	0.128	2	0.98	0.096	0.41	3.0	0.24	2.2	5.4	0.17	5	5.0	5.0	
STD DS8	Standard	0.075	13	111	0.64	267	0.106	3	0.87	0.080	0.40	2.9	0.20	2.2	5.3	0.16	5	5.6	5.0	
STD DS8	Standard	0.074	13	105	0.57	247	0.103	3	0.85	0.078	0.39	2.9	0.19	2.2	5.0	0.15	4	5.1	4.5	
STD OREAS131B	Standard																			0.022
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD R4T	Standard																			0.519
STD SU-1B	Standard																			1.200
STD R4T Expected																				0.502
STD OREAS131B Expected																				0.0216
STD SU-1B Expected																				1.185
STD OXH82 Expected																				
STD OXK79 Expected																				

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620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: August 03, 2011

QUALITY CONTROL REPORT WHI11000659.1

		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 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
BLK	Blank			<0.1	<0.1	1.3	<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		<0.005																		
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
Prep Wash																					
G1	Prep Blank		<0.005	0.4	1.6	3.4	51	<0.1	3.3	4.3	564	1.90	2.0	4.5	5.0	60	<0.1	0.1	<0.1	36	0.49
G1	Prep Blank			0.2	1.9	2.8	51	<0.1	4.1	4.5	550	1.88	0.7	1.4	5.4	58	<0.1	<0.1	<0.1	36	0.50
G1	Prep Blank		<0.005																		

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

Project: Charlotte Project
Report Date: August 03, 2011

QUALITY CONTROL REPORT WHI11000659.1

		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 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	
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																			
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	
Prep Wash																				
G1	Prep Blank	0.079	9	7	0.57	221	0.132	<1	0.97	0.078	0.48	<0.1	<0.01	1.7	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.079	11	8	0.58	228	0.138	<1	1.01	0.097	0.50	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank																			

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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: August 12, 2011
Report Date: September 18, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI11001084.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHar11-023
P.O. Number
Number of Samples: 39

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	36	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	39	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	39	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
Nicola Struyk

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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

Project: Charlotte Project
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS WHI11001084.1

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
[redacted]																				
523623 Drill Core	1.27	0.005	1.1	3.0	7.6	12	<0.1	1.4	0.6	25	1.26	13.9	6.0	3.5	34	<0.1	0.5	0.4	3	0.02
523624 Drill Core	1.69	0.006	2.6	3.2	8.2	6	<0.1	2.5	0.9	31	1.53	8.8	6.7	2.5	23	<0.1	0.3	0.8	5	0.02
[redacted]																				

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Project: Charlotte Project
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS WHI11001084.1

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
[redacted]																			
523623 Drill Core	0.019	16	6	0.04	147	<0.001	<1	0.38	0.090	0.14	0.1	<0.01	0.9	<0.1	0.24	<1	1.3	0.3	
523624 Drill Core	0.013	9	7	0.06	85	0.001	<1	0.45	0.059	0.19	<0.1	<0.01	1.0	0.1	0.20	2	1.4	0.3	
[redacted]																			

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Project: Charlotte Project
Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS WHI11001084.1

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

[redacted]

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Report Date: September 18, 2011

CERTIFICATE OF ANALYSIS WHI11001084.1

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

[redacted]

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Project: Charlotte Project
Report Date: September 18, 2011

QUALITY CONTROL REPORT WHI11001084.1

		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																						
[redacted]																						
Reference Materials																						
STD DS8	Standard			13.9	110.9	122.3	325	1.9	37.6	7.5	634	2.45	25.9	113.7	6.9	65	2.5	5.5	6.2	42	0.73
STD DS8	Standard			13.1	110.0	132.1	316	1.9	38.6	7.8	649	2.59	27.4	126.0	6.8	63	2.4	4.8	6.4	44	0.76
STD OREAS131B	Standard																				
STD OREAS131B	Standard																				
STD OXH82	Standard		1.288																		
STD OXH82	Standard		1.308																		
STD OXK79	Standard		3.646																		
STD OXK79	Standard		3.584																		
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																					
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																				
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

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Project: Charlotte Project
Report Date: September 18, 2011

QUALITY CONTROL REPORT WHI11001084.1

		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
Pulp Duplicates																					
[redacted]																					
Reference Materials																					
STD DS8	Standard		0.079	17	117	0.61	292	0.116	3	0.91	0.082	0.41	3.1	0.21	2.2	5.6	0.17	5	5.6	5.0	
STD DS8	Standard		0.083	15	125	0.65	272	0.113	3	0.96	0.089	0.43	3.2	0.18	2.3	5.9	0.17	5	7.5	5.6	
STD OREAS131B	Standard																				0.021
STD OREAS131B	Standard																				0.021
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
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
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
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	

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

Project: Charlotte Project
Report Date: September 18, 2011

QUALITY CONTROL REPORT WHI11001084.1

		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																				
Prep Wash																					
G1	Prep Blank		<0.005	<0.1	3.1	4.9	53	<0.1	2.8	4.2	610	2.03	<0.5	<0.5	6.0	60	<0.1	<0.1	<0.1	36	0.50
G1	Prep Blank		<0.005	0.3	3.2	4.7	48	<0.1	3.9	4.3	573	2.05	<0.5	<0.5	6.2	62	<0.1	<0.1	<0.1	38	0.60

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: September 18, 2011

QUALITY CONTROL REPORT WHI11001084.1

		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
Prep Wash																				
G1	Prep Blank	0.073	14	5	0.52	168	0.120	<1	0.93	0.082	0.47	<0.1	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.073	15	7	0.54	157	0.121	2	1.03	0.103	0.48	0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2	

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Acme Analytical Laboratories (Vancouver) Ltd.
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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: August 19, 2011
Report Date: October 07, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI11001241.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-025
P.O. Number
Number of Samples: 46

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	46	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	46	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	46	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

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

CC: Bernie Dewonek
Peter Dadson
Nicola Struyk



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

Project: Charlotte Project
Report Date: October 07, 2011

CERTIFICATE OF ANALYSIS WHI11001241.1

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
[redacted]																				
523473 Rock	0.87	0.017	0.7	62.5	9.8	78	0.5	4.4	8.3	382	2.54	11.1	17.3	11.1	28	1.4	0.6	0.9	63	0.64
[redacted]																				
524751 Rock	0.62	<0.005	1.5	16.9	4.9	36	<0.1	17.2	4.6	327	1.95	3.5	<0.5	3.1	56	<0.1	0.8	<0.1	36	0.75
524752 Rock	0.63	0.008	0.3	6.6	7.5	41	<0.1	3.5	2.9	571	1.70	19.3	7.0	2.7	32	0.3	2.0	0.1	4	1.18
[redacted]																				
524811 Rock	0.12	0.005	1.9	6.8	13.3	59	<0.1	3.9	8.1	407	3.14	8.8	<0.5	6.3	79	0.4	0.4	<0.1	112	1.00

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 07, 2011

CERTIFICATE OF ANALYSIS WHI11001241.1

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	Zn
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	0.01
[redacted]																			
523473 Rock	0.041	15	8	0.80	116	0.137	2	1.30	0.074	0.17	0.4	<0.01	3.2	0.2	0.32	5	<0.5	<0.2	
[redacted]																			
524751 Rock	0.045	7	89	0.71	187	0.048	1	1.15	0.082	0.11	<0.1	<0.01	2.7	<0.1	0.18	7	<0.5	<0.2	
524752 Rock	0.028	8	2	0.24	88	<0.001	2	0.47	0.037	0.24	0.2	0.03	1.3	0.6	0.53	1	<0.5	<0.2	
[redacted]																			
524811 Rock	0.063	11	12	0.77	185	0.178	4	1.89	0.318	0.41	0.2	<0.01	3.3	0.2	<0.05	6	<0.5	<0.2	

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Acme Analytical Laboratories (Vancouver) Ltd.
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www.acmelab.com

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

Project: Charlotte Project
Report Date: October 07, 2011

CERTIFICATE OF ANALYSIS WHI11001241.1

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
524812	Rock	0.87	0.007	0.8	39.8	7.6	37	<0.1	16.2	10.4	319	3.27	7.6	2.0	4.8	223	<0.1	0.2	<0.1	106	2.50
524814	Rock	0.79	0.043	11.6	32.7	55.0	827	1.4	2.3	4.7	1948	1.23	347.2	38.3	3.4	12	13.2	11.1	0.2	3	0.09
524816	Rock	0.33	0.005	0.2	1.4	13.9	140	<0.1	0.9	0.8	413	0.62	80.9	5.3	8.3	12	0.4	2.8	<0.1	<2	0.11

[redacted]

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

Project: Charlotte Project
Report Date: October 07, 2011

CERTIFICATE OF ANALYSIS WHI11001241.1

	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	Zn
	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	0.01
524812	Rock	0.064	9	40	1.32	452	0.222	1	5.76	0.684	1.43	<0.1	<0.01	4.6	0.8	0.08	13	<0.5	<0.2	
524814	Rock	0.028	12	1	0.03	99	<0.001	2	0.44	0.003	0.24	<0.1	0.02	0.7	0.3	<0.05	1	<0.5	<0.2	
524816	Rock	0.037	26	1	0.05	58	<0.001	2	0.53	0.005	0.29	<0.1	<0.01	0.3	0.5	<0.05	1	<0.5	<0.2	

[redacted]

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

Project: Charlotte Project
Report Date: October 07, 2011

QUALITY CONTROL REPORT WHI11001241.1

		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																						
[redacted]																						
REP 524816	QC			<0.005																		
[redacted]																						
STD DS8	Standard				13.8	110.2	126.9	312	1.8	37.9	7.5	622	2.60	25.5	113.9	7.2	71	2.0	5.4	7.3	45	0.71
STD DS8	Standard				12.9	105.3	122.1	300	1.8	38.0	7.3	613	2.58	23.9	119.0	6.3	54	2.1	5.0	5.6	43	0.75
STD OREAS131B	Standard																					
STD OREAS153A	Standard																					
STD OXH82	Standard			1.308																		
STD OXH82	Standard			1.341																		
STD OXH82	Standard			1.304																		
STD OXH82	Standard			1.282																		
STD OXK79	Standard			3.723																		
STD OXK79	Standard			3.647																		
STD OXK79	Standard			3.663																		
STD SU-1B	Standard																					
STD OXH82 Expected				1.278																		
STD OXK79 Expected				3.532																		

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

Project: Charlotte Project
Report Date: October 07, 2011

QUALITY CONTROL REPORT WHI11001241.1

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	Zn
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	0.01
Pulp Duplicates																				
[redacted]																				
REP 524816	QC																			
[redacted]																				
Reference Materials																				
STD DS8	Standard	0.079	16	118	0.61	292	0.123	3	0.89	0.084	0.40	3.2	0.20	2.1	5.2	0.16	5	6.2	5.6	
STD DS8	Standard	0.079	14	117	0.62	269	0.115	2	0.98	0.105	0.44	2.9	0.19	2.2	5.3	0.17	5	5.8	5.0	
STD OREAS131B	Standard																			3.12
STD OREAS153A	Standard																			<0.01
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD OXK79	Standard																			
STD SU-1B	Standard																			0.03
STD OXH82 Expected																				
STD OXK79 Expected																				

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

Project: Charlotte Project
Report Date: October 07, 2011

QUALITY CONTROL REPORT WHI11001241.1

		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 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			<0.1	<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	0.2	2.7	5.4	56	<0.1	2.4	3.7	520	1.92	2.5	1.1	4.9	59	0.1	0.3	0.1	37	0.47
G1	Prep Blank		0.009	0.2	2.4	4.2	52	0.2	2.5	3.6	568	1.97	9.0	7.8	5.6	62	<0.1	0.6	<0.1	38	0.45

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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Client: **Coast Mountain Geological**
620 - 650 W. Georgia St.
PO Box 11604
Vancouver BC V6B 4N9 Canada

Project: Charlotte Project
Report Date: October 07, 2011

QUALITY CONTROL REPORT WHI11001241.1

		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 Zn % 0.01
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																				3.14
STD SU-1B Expected																				0.0235
STD OREAS153A Expected																				0.0053
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	<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																			<0.01
Prep Wash																				
G1	Prep Blank	0.075	11	5	0.48	144	0.108	1	0.82	0.072	0.42	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.069	11	5	0.49	157	0.107	2	0.90	0.093	0.48	0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2	

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

Submitted By: Nicola Struyk
Receiving Lab: Canada-Whitehorse
Received: September 29, 2011
Report Date: November 09, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11001534.1

CLIENT JOB INFORMATION

Project: Charlotte Project
Shipment ID: CHAR11-031
P.O. Number
Number of Samples: 9

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	9	Crush split and pulverize 250g drill core to 200 mesh			WHI
G601	9	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	9	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

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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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: Charlotte Project
Report Date: November 09, 2011

CERTIFICATE OF ANALYSIS WHI11001534.1

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
524825	Rock	0.24	<0.005	0.2	25.4	5.2	53	<0.1	11.6	5.0	293	2.35	4.2	6.7	2.3	31	0.1	0.3	0.1	43	0.48
524826	Rock	0.32	<0.005	0.2	3.1	4.9	11	<0.1	1.6	1.8	176	0.48	9.2	2.8	2.3	16	0.1	0.8	<0.1	<2	0.67
524817	Rock	0.42	<0.005	<0.1	1.5	13.2	85	<0.1	0.1	0.3	56	0.44	16.4	0.6	8.1	7	<0.1	1.3	<0.1	<2	0.11

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

Project: Charlotte Project
Report Date: November 09, 2011

CERTIFICATE OF ANALYSIS WHI11001534.1

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
524825	Rock	0.045	7	11	0.71	162	0.164	1	1.15	0.106	0.14	0.1	<0.01	4.6	<0.1	0.15	6	<0.5	<0.2
524826	Rock	0.030	9	3	0.03	64	<0.001	2	0.30	0.032	0.17	<0.1	<0.01	0.6	0.1	<0.05	<1	<0.5	<0.2
524817	Rock	0.040	24	<1	0.03	68	<0.001	1	0.68	0.003	0.19	<0.1	0.02	0.3	0.3	<0.05	1	<0.5	<0.2

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QUALITY CONTROL REPORT WHI11001534.1

	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
Reference Materials																					
STD DS8	Standard			12.8	112.4	128.7	314	1.9	38.0	7.6	604	2.53	25.8	120.6	7.5	62	2.4	5.8	6.9	42	0.70
STD OXH82	Standard		1.308																		
STD OXK79	Standard		3.558																		
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
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
Prep Wash																					
G1	Prep Blank		<0.005	0.2	1.8	4.9	85	<0.1	3.2	4.3	558	1.95	0.5	2.6	6.0	59	<0.1	<0.1	0.3	38	0.49
G1	Prep Blank		0.009	0.1	1.9	3.8	59	<0.1	3.2	4.2	559	1.91	<0.5	1.6	6.5	58	<0.1	<0.1	0.2	37	0.49

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	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
Reference Materials																			
STD DS8	Standard	0.081	15	112	0.62	278	0.109	3	0.92	0.087	0.42	3.1	0.20	2.0	5.6	0.17	5	4.8	5.1
STD OXH82	Standard																		
STD OXK79	Standard																		
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
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
Prep Wash																			
G1	Prep Blank	0.089	11	13	0.55	484	0.123	2	1.00	0.099	0.50	0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	0.082	12	12	0.54	308	0.124	1	1.01	0.101	0.50	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2

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Appendix IX

Acme Labs Technical Procedures

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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.

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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.

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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 °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 °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.

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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

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.