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2008 DRILLING REPORT
GOLDY ZONE - FREEGOLD MTN. PROP.
115I-06
NORTHERN FREEGOLD RESOURCES
MAY 2008

2008 Drilling Assessment Report

on the

Goldy Zone, Freegold Mountain Property

**Freegold Mountain Area
NTS 115 I/6
Lat. 62°20'N, Long. 137°16'W
Whitehorse Mining District**

**Prepared for:
Northern Freegold Resources Ltd.
Box 31293
Whitehorse, YT
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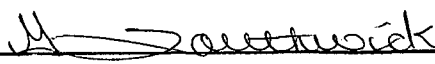
**December 16, 2008
Period of Work:
May 21, 2008 to May 29, 2008**



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Costs associated with this report have been
approved in the amount of \$ 50,350.00
for assessment credit under Certificate of Work
No. QW28246, QW28323

Mining Recorder
Whitehorse Mining District

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Summary

The Freegold Mountain Property is located in the Dawson Range, 61km northwest of Carmacks, in the Territory of the Yukon. Between May 16, 2008 and June 13, 2008, 1510.7 meters in eight holes were drilled within the Goldy zone. This report covers the work done on three diamond drill holes, 08GY-21, 22 and 23, which were applied for as part of assessment filing.

08GY-21 was the second hole of the program this season followed by holes 08GY-22 and 08GY-23. Holes 08GY-22 and 08GY-23 were drilled to the northwest at an azimuth of 320° and a dip of -60°, -50° and -50° respectively. 08GY-21 was drilled to a depth of 166.10 meters, Hole 22 was drilled to a depth of 117.3 meters, and Hole 23 was drilled to a depth of 114.00 meters. All three holes had to be abandoned shortly before their target depth due to sheared off bits and stuck rods but still intersected target zones.

Gold mineralization is hosted in stringers, veins and breccias; disseminated in very fine inclusions within fine-grained quartz thereby resulting in a dark-grey colouration of the quartz itself, and by replacement both of host rock by the fine, grey quartz and in less common cases by preferential sulphide replacement of hornblende by fine-grained pyrite within a coarse-grained, megacrystic syenite phase. Graphite and pyrite are associated with the mineralization with some zones also showing relatively abundant arsenopyrite needles.

Following the complete compilation of the 2008 exploration results and historical results further step out drilling may be recommended to better understand and constrain the orientation of the mineralized zone. Field work including sampling, geological mapping, and trench mapping will verify historical finds and better define the geological characteristics of the area particularly the position of the inferred contact between the syenite and the gneisses. Field checking of a strong IP anomaly east of the Goldy Main Zone would help to validate the geophysical data allowing a more accurate correlation of the geophysical data with the geology and may open up further target potential in the mineralized Goldy zone.

Chapter 1 – Introduction

A. Introduction

Diamond drill hole 08GY-21 was started May 21, 2008 and completed May 24, 2008. 08GY-22 was started May 24, 2008 and completed May 26, 2008. 08GY-23 was started May 27, 2008 and completed May 29, 2008. All three holes were drilled within the Goldy Zone by Kluane Drilling Limited.

B. Location and Access

The property is located in the Dawson Range on NTS Map Sheet 115 I/6 centered approximately at UTM 394800E and 6904300N. The claims are accessible via the Freegold Road, a government maintained gravel road. Four-wheel drive roads access the zones of the property from the Freegold Road. Several cat trails on the claims provide access to trenches and drill sites. The total road distance from Carmacks to the base camp at Bow Creek is 72 kilometres (Figure 1).

C. Physiography, Climate, Vegetation

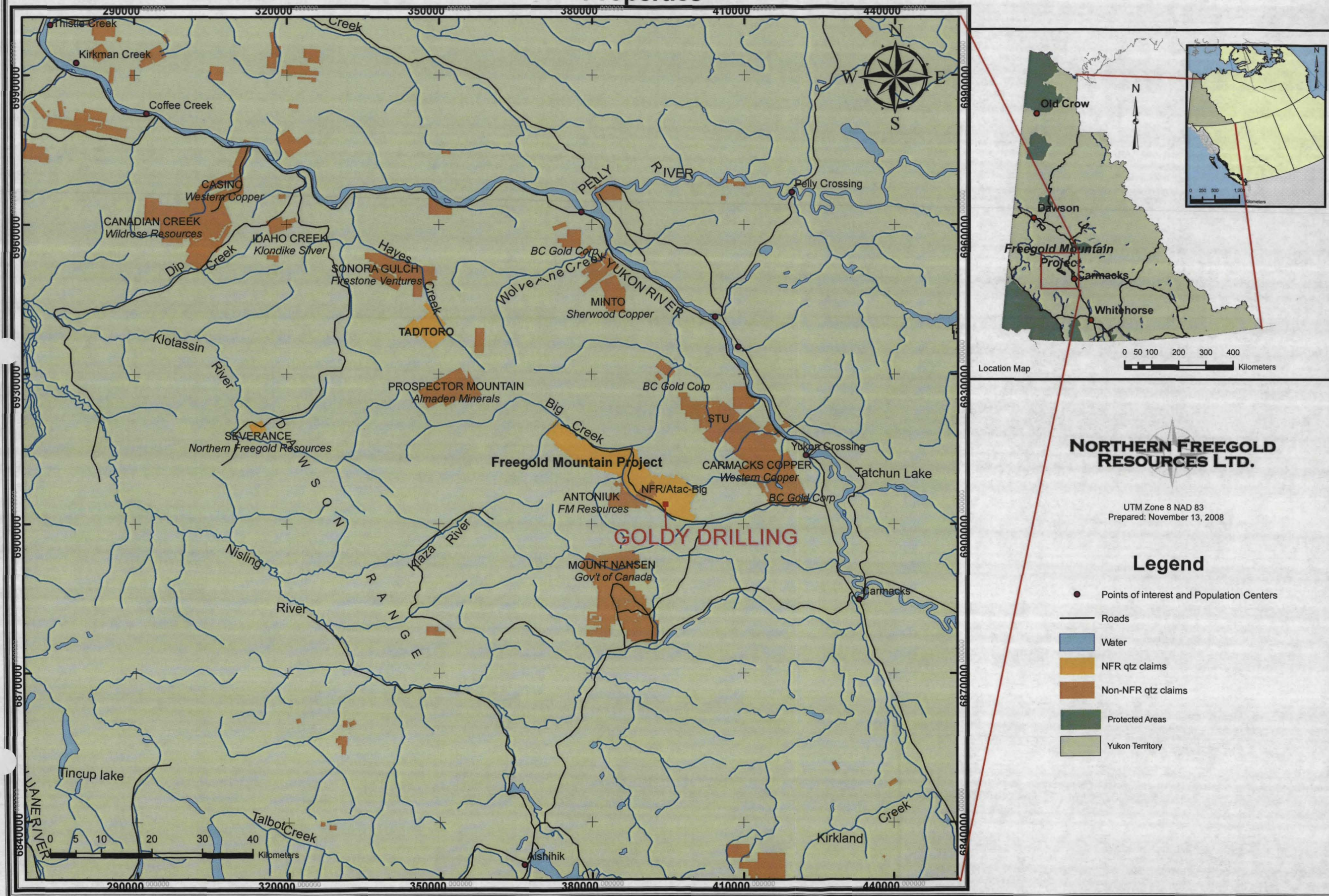
The project lies within the unglaciated Dawson Range in south-western Yukon, characterized by rolling upland and mountain-valley terrain. Rock exposure is sparse except along ridge tops. Elevations range between 750 metres and 1500 metres above sea level. Alpine grass and moss, short willow brush and sparse alpine spruce cover most of the mountain uplands with dense spruce forests on south facing slopes. Valleys are timbered, dominated by white and black spruce with some birch and cottonwood to an approximate elevation of 1,050 metres. Alder, poplar and thick moss cover is confined to flat areas with low drainage. Large areas of the properties were burned in the summer of 2004. Water is available most of the year from Seymour Creek and Big Creek and their tributaries.

Permafrost is generally found at depths greater than 1.0 m on south facing slopes and less than 0.1 m on north facing slopes. A volcanic ash layer, of varying thickness up to about 1 m, blankets much of the region and deadens the geochemical response in soils.

The area has a northern interior climate with long cold winters and moderate precipitation. The exploration season extends from April until October.

Figure 1: Location Map

Dawson Range Porphyry Belt Properties



E. Claims Worked and Filed On

Diamond drill holes 08GY-21, 22, and 23 are located on claim Goldy 14 (YC18729).

The drilling on the above claim was applied to the claims listed in Table 1 below:

Grant No.	Claim Name	Expiry prior to filing	\$ work filed	renewal period requested	new expiry date
YC19564	Dart 1	11-Jul-12	375	3.75	28-Feb-16
YC19565	Dart 2	11-Jul-12	375	3.75	28-Feb-16
YC19566	Dart 3	11-Jul-12	375	3.75	28-Feb-16
YC19567	Dart 4	11-Jul-12	375	3.75	28-Feb-16
YC19568	Dart 5	11-Jul-12	375	3.75	28-Feb-16
YC19569	Dart 6	11-Jul-12	375	3.75	28-Feb-16
YC19570	Dart 7	11-Jul-12	375	3.75	28-Feb-16
YC19571	Dart 8	11-Jul-12	375	3.75	28-Feb-16
YC19572	Dart 9	11-Jul-12	375	3.75	28-Feb-16
YC19573	Dart 10	11-Jul-12	375	3.75	28-Feb-16
YC19574	Dart 11	11-Jul-12	375	3.75	28-Feb-16
YC19575	Dart 12	11-Jul-12	375	3.75	28-Feb-16
YC19576	Dart 13	11-Jul-12	375	3.75	28-Feb-16
YC19577	Dart 14	11-Jul-12	375	3.75	28-Feb-16
YC30038	Dart 15	17-Sep-12	350	3.50	28-Feb-16
YC30039	Dart 16	17-Sep-12	350	3.50	28-Feb-16
YC30040	Dart 17	17-Sep-12	350	3.50	28-Feb-16
YC30041	Dart 18	17-Sep-12	350	3.50	28-Feb-16
YC30042	Dart 19	17-Sep-12	350	3.50	28-Feb-16
YC30043	Dart 20	17-Sep-12	350	3.50	28-Feb-16
YC18716	Goldy 1	23-Jun-12	375	3.75	28-Feb-16
YC18717	Goldy 2	23-Jun-12	375	3.75	28-Feb-16
YC18718	Goldy 3	23-Jun-12	375	3.75	28-Feb-16
YC18719	Goldy 4	23-Jun-12	375	3.75	28-Feb-16
YC30123	Goldy 5	8-Oct-12	350	3.50	28-Feb-16
YC30124	Goldy 6	8-Oct-12	350	3.50	28-Feb-16
YC30125	Goldy 7	8-Oct-12	350	3.50	28-Feb-16
YC30126	Goldy 8	8-Oct-12	350	3.50	28-Feb-16
YC18724	Goldy 9	23-Jun-12	375	3.75	28-Feb-16
YC18725	Goldy 10	23-Jun-12	375	3.75	28-Feb-16
YC18726	Goldy 11	23-Jun-12	375	3.75	28-Feb-16
YC18727	Goldy 12	23-Jun-12	375	3.75	28-Feb-16
YC18728	Goldy 13	23-Jun-12	375	3.75	28-Feb-16
YC18729	Goldy 14	23-Jun-12	375	3.75	28-Feb-16
YC18730	Goldy 15	23-Jun-12	375	3.75	28-Feb-16
YC18731	Goldy 16	23-Jun-12	375	3.75	28-Feb-16
YC18732	Goldy 17	23-Jun-12	375	3.75	28-Feb-16
YC18733	Goldy 18	23-Jun-12	375	3.75	28-Feb-16
YC18734	Goldy 19	23-Jun-12	375	3.75	28-Feb-16
YC18735	Goldy 20	23-Jun-12	375	3.75	28-Feb-16
YC18736	Goldy 21	23-Jun-12	375	3.75	28-Feb-16
YC18737	Goldy 22	23-Jun-12	375	3.75	28-Feb-16

Grant No.	Claim Name	Expiry prior to filing	\$ work filed	renewal period requested	new expiry date
YC18738	Goldy 23	23-Jun-12	375	3.75	28-Feb-16
YC18739	Goldy 24	23-Jun-12	375	3.75	28-Feb-16
YC30019	Goldy 25	17-Sep-12	350	3.50	28-Feb-16
YC30020	Goldy 26	17-Sep-12	350	3.50	28-Feb-16
YC30021	Goldy 27	17-Sep-12	350	3.50	28-Feb-16
YC30022	Goldy 28	17-Sep-12	350	3.50	28-Feb-16
YC30023	Goldy 29	17-Sep-12	350	3.50	28-Feb-16
YC30024	Goldy 30	17-Sep-12	350	3.50	28-Feb-16
YC30025	Goldy 31	17-Sep-12	350	3.50	28-Feb-16
YC30026	Goldy 32	17-Sep-12	350	3.50	28-Feb-16
YC30027	Goldy 33	17-Sep-12	350	3.50	28-Feb-16
YC30028	Goldy 34	17-Sep-12	350	3.50	28-Feb-16
YC30029	Goldy 35	17-Sep-12	350	3.50	28-Feb-16
YC30030	Goldy 36	17-Sep-12	350	3.50	28-Feb-16
YC30031	Goldy 37	17-Sep-12	350	3.50	28-Feb-16
YC30032	Goldy 38	17-Sep-12	350	3.50	28-Feb-16
YC30033	Goldy 39	17-Sep-12	350	3.50	28-Feb-16
YC30034	Goldy 40	17-Sep-12	350	3.50	28-Feb-16
YC30035	Goldy 41	17-Sep-12	350	3.50	28-Feb-16
YC30036	Goldy 42	17-Sep-12	350	3.50	28-Feb-16
YC30127	Goldy 43	8-Oct-12	350	3.50	28-Feb-16
YC30037	Goldy 44	17-Sep-12	350	3.50	28-Feb-16
YC47387	Goldy 45	20-Jul-12	375	3.75	28-Feb-16
YC47388	Goldy 46	20-Jul-12	375	3.75	28-Feb-16
YC47389	Goldy 47	20-Jul-12	375	3.75	28-Feb-16
YC47390	Goldy 48	20-Jul-12	375	3.75	28-Feb-16
YC47391	Goldy 49	20-Jul-12	375	3.75	28-Feb-16
YC47392	Goldy 50	20-Jul-12	375	3.75	28-Feb-16
YC47393	Goldy 51	20-Jul-12	375	3.75	28-Feb-16
YC47394	Goldy 52	20-Jul-12	375	3.75	28-Feb-16
YC47395	Goldy 53	20-Jul-12	375	3.75	28-Feb-16
YC47396	Goldy 54	20-Jul-12	375	3.75	28-Feb-16
YC47397	Goldy 55	20-Jul-12	375	3.75	28-Feb-16
YC47398	Goldy 56	20-Jul-12	375	3.75	28-Feb-16
YC47399	Goldy 57	20-Jul-12	375	3.75	28-Feb-16
YC47400	Goldy 58	20-Jul-12	375	3.75	28-Feb-16
YC47401	Goldy 59	20-Jul-12	375	3.75	28-Feb-16
YC47402	Goldy 60	20-Jul-12	375	3.75	28-Feb-16
YC47403	Goldy 61	20-Jul-12	375	3.75	28-Feb-16
YC47404	Goldy 62	20-Jul-12	375	3.75	28-Feb-16
YC47405	Goldy 63	20-Jul-12	375	3.75	28-Feb-16
YC47406	Goldy 64	20-Jul-12	375	3.75	28-Feb-16
YC47407	Goldy 65	20-Jul-12	375	3.75	28-Feb-16
YC47408	Goldy 66	20-Jul-12	375	3.75	28-Feb-16
YC47409	Goldy 67	20-Jul-12	375	3.75	28-Feb-16
YC47410	Goldy 68	20-Jul-12	375	3.75	28-Feb-16

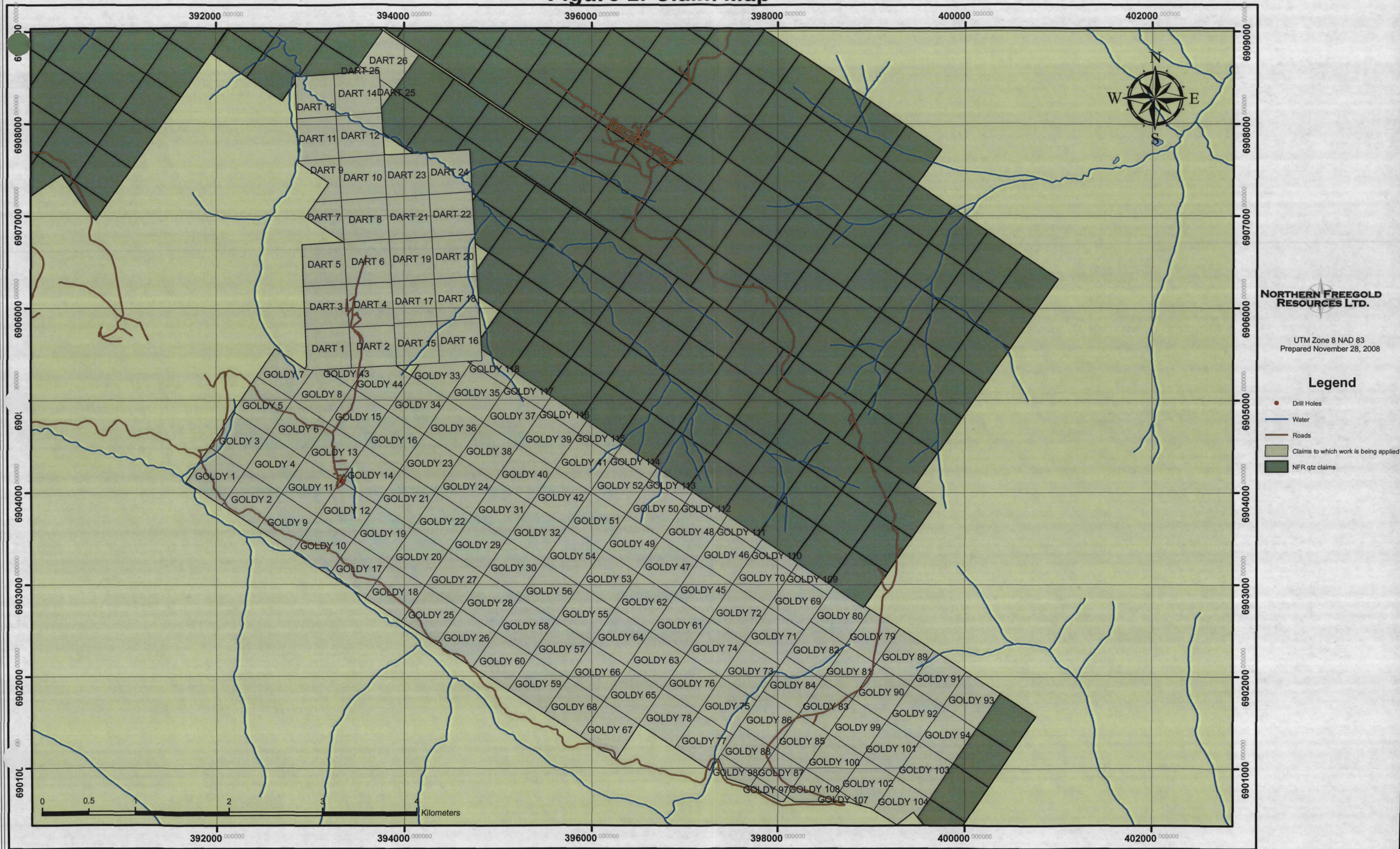
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YC47412	Goldy 70	20-Jul-12	375	3.75	28-Feb-16
YC47413	Goldy 71	20-Jul-12	350	3.50	28-Feb-16
YC47414	Goldy 72	20-Jul-12	350	3.50	28-Feb-16
YC47415	Goldy 73	20-Jul-12	375	3.75	28-Feb-16
YC47416	Goldy 74	20-Jul-12	375	3.75	28-Feb-16
YC47417	Goldy 75	20-Jul-12	350	3.50	28-Feb-16
YC47418	Goldy 76	20-Jul-12	350	3.50	28-Feb-16
YC47419	Goldy 77	20-Jul-12	350	3.50	28-Feb-16
YC47420	Goldy 78	20-Jul-12	350	3.50	28-Feb-16
YC65775	Goldy 109	14-Sep-08	350	3.50	28-Feb-12
YC65776	Goldy 110	14-Sep-08	350	3.50	28-Feb-12
YC65777	Goldy 111	14-Sep-08	350	3.50	28-Feb-12
YC65778	Goldy 112	14-Sep-08	350	3.50	28-Feb-12
YC65779	Goldy 113	14-Sep-08	350	3.50	28-Feb-12
YC65780	Goldy 114	14-Sep-08	350	3.50	28-Feb-12
YC65781	Goldy 115	14-Sep-08	350	3.50	28-Feb-12
YC65782	Goldy 116	14-Sep-08	350	3.50	28-Feb-12
YC65783	Goldy 117	14-Sep-08	350	3.50	28-Feb-12
YC65784	Goldy 118	14-Sep-08	350	3.50	28-Feb-12
YC41340	Dart 021	28-Feb-12	400.00	4.00	28-Feb-16
YC41341	Dart 022	28-Feb-12	400.00	4.00	28-Feb-16
YC41342	Dart 023	28-Feb-12	400.00	4.00	28-Feb-16
YC41343	Dart 024	28-Feb-12	400.00	4.00	28-Feb-16
YC41344	Dart 025	28-Feb-12	400.00	4.00	28-Feb-16
YC41345	Dart 026	28-Feb-12	400.00	4.00	28-Feb-16
YC57816	Goldy 079	22-Jan-12	325.00	3.25	28-Feb-15
YC57817	Goldy 080	22-Jan-12	325.00	3.25	28-Feb-15
YC57818	Goldy 081	22-Jan-12	325.00	3.25	28-Feb-15
YC57819	Goldy 082	22-Jan-12	325.00	3.25	28-Feb-15
YC57820	Goldy 083	22-Jan-12	325.00	3.25	28-Feb-15
YC57821	Goldy 084	22-Jan-12	325.00	3.25	28-Feb-15
YC57822	Goldy 085	22-Jan-12	325.00	3.25	28-Feb-15
YC57823	Goldy 086	22-Jan-12	325.00	3.25	28-Feb-15
YC57824	Goldy 087	22-Jan-12	325.00	3.25	28-Feb-15
YC57825	Goldy 088	22-Jan-12	325.00	3.25	28-Feb-15
YC57826	Goldy 089	22-Jan-12	325.00	3.25	28-Feb-15
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YC57830	Goldy 093	22-Jan-12	325.00	3.25	28-Feb-15
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YC57835	Goldy 098	22-Jan-12	325.00	3.25	28-Feb-15
YC57836	Goldy 099	22-Jan-12	325.00	3.25	28-Feb-15
YC57837	Goldy 100	22-Jan-12	325.00	3.25	28-Feb-15

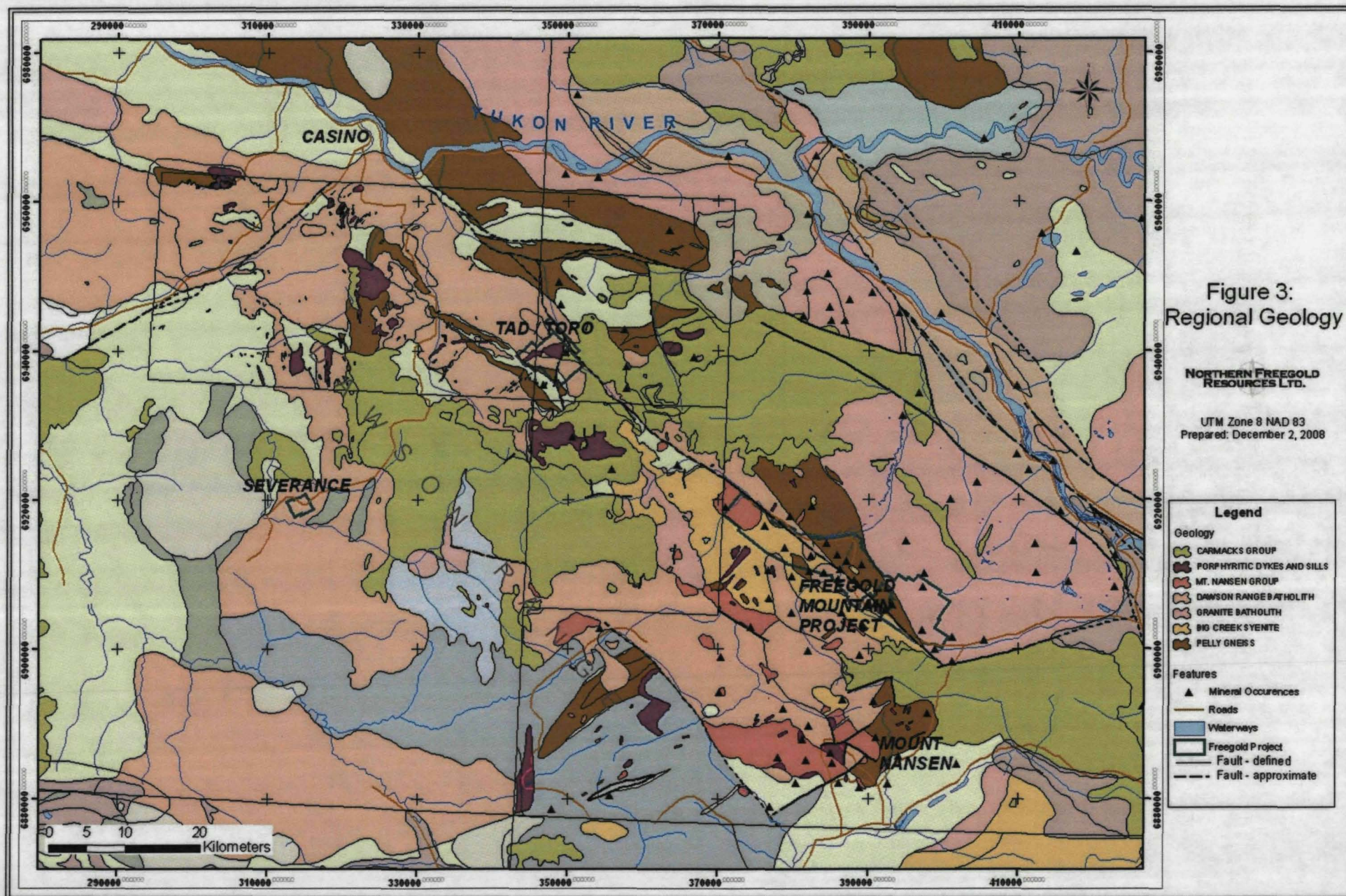
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YC57838	Goldy 101	22-Jan-12	325.00	3.25	28-Feb-15
YC57839	Goldy 102	22-Jan-12	325.00	3.25	28-Feb-15
YC57840	Goldy 103	22-Jan-12	325.00	3.25	28-Feb-15
YC57841	Goldy 104	22-Jan-12	325.00	3.25	28-Feb-15
YC57844	Goldy 107	22-Jan-10	325.00	3.25	28-Feb-13
YC57845	Goldy 108	22-Jan-10	325.00	3.25	28-Feb-13

*pending approval of this filing

Figure 2 on the following page shows the claims the work was applied to.

Figure 2: Claim Map





Chapter 2 – Regional and Property Geology

The Goldy properties lie within a belt of Paleozoic or older metamorphic basement rocks of the Yukon Tanana Terrane (YTT) intruded by successively younger Jurassic to Cretaceous age intrusions. The Big Creek Fault, the major northwest trending structure in the area, appears to be the locus for the Cretaceous intrusions. Overlying all units are younger volcanic rocks and related dykes, domes and small stocks that are variably assigned to the mid Cretaceous Mt Nansen Group, Late Cretaceous Carmacks Group and the late Cretaceous/early Tertiary Prospector Mountain Suite (Figure 3).

The Devonian-Mississippian Pelly Gneiss of the YTT is a highly variable suite of metamorphosed rocks including banded quartz-feldspar-mica schists and gneiss, chlorite schist, amphibolite, grey marble and quartzites. All of these rock types exhibit a penetrative foliation and dip steeply to the northeast. The Pelly Gneiss occurs as large roof pendants and larger xenoliths within the younger intrusions. East of the Big Creek Fault the Pelly Gneiss is intruded by early Jurassic foliated granodiorite of the Granite Batholith. West of the fault it is intruded by early Jurassic porphyritic syenite of the Big Creek Batholith. This package is thought to represent an island arc and associated back-arc basal sediments that were deposited on the North American continental margin and accreted during late Triassic to early Jurassic times. As the mid-Cretaceous Dawson Range batholiths are undeformed the deformation of both of the Jurassic age Batholiths has been constrained to having happened prior to the Cretaceous igneous events, though its exact timing is still in question.

The mid-Cretaceous Mount Nansen Group consists of intermediate to felsic pyroclastic rocks dated at 105-100 Ma. The Carmacks Group basalts, andesites and basal felsic volcanic rocks are of Upper Cretaceous age (75-70 Ma). Both Smuk et al. (1997), and Mortensen et al. (2003) showed that altered Mount Nansen dyke samples give metamorphic reset ages similar to those of the emplacement of the Carmacks Group, between 94 Ma and 61 Ma. They therefore proposed that a regional hydrothermal event of Late- to mid-Cretaceous age related to Carmacks igneous activity altered the Mount Nansen porphyritic dykes and led to the formation of the base and precious metal veins found in the region. Due to the association of small plugs, quartz-feldspar porphyry dykes and sills, and associated breccia bodies with the observed mineralization many other researchers in the area have suggested that the mineralization in the region may be related to the Mount Nansen Group, Carmacks Group and the slightly younger, late Cretaceous, Prospector Mountain Suite.

Property Geology

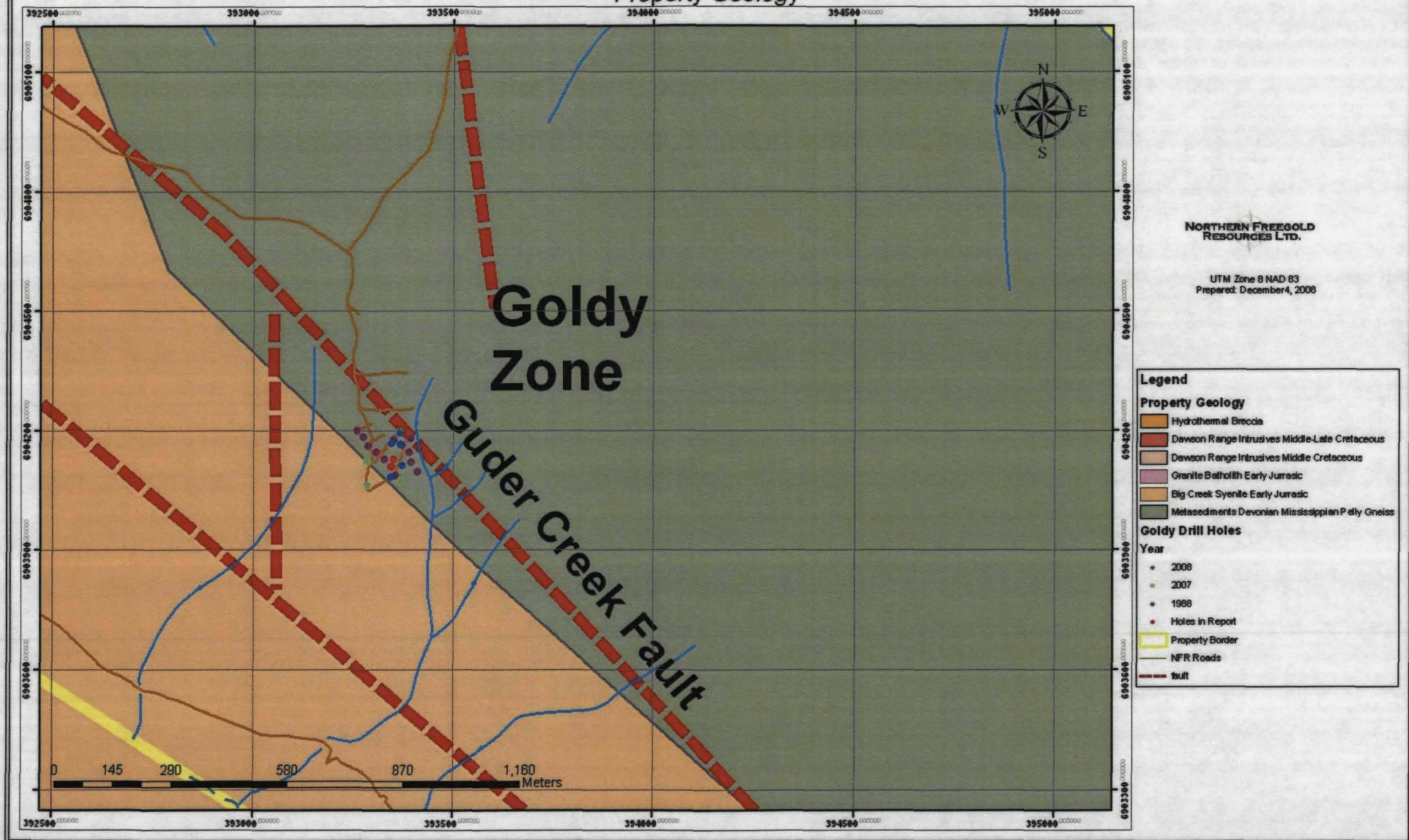
The geology of the Goldy zone is, as of yet, poorly understood due both to a limited outcrop and extent of exploration. The limits of the alteration system and of the deformation zone have not yet been constrained. The core shows a complex story of overprinting alteration and multiple episodes of brecciation, veining and faulting. The timing between different phases of veining and alteration is still unclear. Mineralized zones are difficult to trace precisely, and complex faulting possibly offsets these zones, which might not have been continuous tabular bodies originally but were probably anastomosing discontinuous zones that have undergone multiple episodes of deformation and alteration.

The Goldy claims are principally underlain by three rock types, schists and gneisses of the Paleozoic Yukon-Tanana Terrane, Jurassic-age porphyritic hornblende syenite of the Big Creek Batholith and Jurassic foliated granodiorites of the Granite Batholith. Three types of intermediate to felsic dykes and plugs intrude the above lithologies – felsites, rhyolite, and andesite, all commonly porphyritic and of probable mid Cretaceous age (Mt. Nansen Volcanics). The inferred contact between the syenite and the schists trends northwesterly through the centre of the claim block. There were locations in the drill holes where the syenite showed intense strain textures and intervals where it was difficult to distinguish the syenite from the gneiss due to the intensity of the strain. Alteration, dominated by clays, is very often intense to the point of destroying all original textures.

The mineralization is still difficult to recognize at this early stage of exploration as some zones that appeared mineralized yield no significant assay results. Mineralization seems to be characterized by dark siliceous veins and/or breccias showing multiple brecciation and veining/healing textures. It is assumed that the dark colour of the quartz is due to very fine grained sulphides and graphite on the basis of petrographic studies of several core samples from 2007. Alteration, mineralization, veining and brecciation textures grade from one extreme to the other. Often with weaker alteration and replacement mineralization containing gradually more dark grey wisps and veinlets until they eventual grade into the full-fledged, intensely altered breccias.

In general, the first generation breccias were the darkest and potentially the most mineralized. Locally, this type was re-brecciated and intruded by second generation breccias that were usually lighter grey in colour and apparently less mineralized. Locally, dark planar structures, with cryptic textures, similar to the ones described above but rich in dark clay, not silica, and not clearly breccias were also found carrying mineralization. Intensely altered wall rock also contained mineralization in several intervals. In the case of the gneiss the rock was characterized by dark flecks and locally disseminated arsenopyrite needles. In the case of the syenite there were intervals where the hornblendes were replaced by sulphides.

Figure 4:
Property Geology



Chapter 3 - 2008 Diamond Drill Program

Goldy Zone

Between May 16, 2008 and June 13, 2008, eight diamond drill holes were completed in the Goldy zone for a total of 1510.7 meters of core. Following up holes drilled in 2007 and 1988 in an attempt to better understand both the nature of the mineralization and the geology in the area.

The drilling contractor was Kluane Drilling Ltd. of Whitehorse. A D-7 bulldozer was sub-contracted from Spur-of-the Moment Rentals, Whitehorse, and was used to build drill sites and to move the drill between pads. There was no casing left in the holes following the 2008 drilling season.

Holes were drilled using NTW (thin wall) core size and minimal use of drill muds or other additives. Core recovery averaged 89% throughout the length of Hole 21, and averaged 89% throughout Hole 22, and 90% throughout Hole 23 with the lower recovery values occurring in particularly broken, fractured and clay-rich intervals. The co-ordinates for the drill holes are listed in the table below and the location of the holes is shown on Figure 5 on the following page.

TABLE2: GOLDY DIAMOND DRILLING-2008

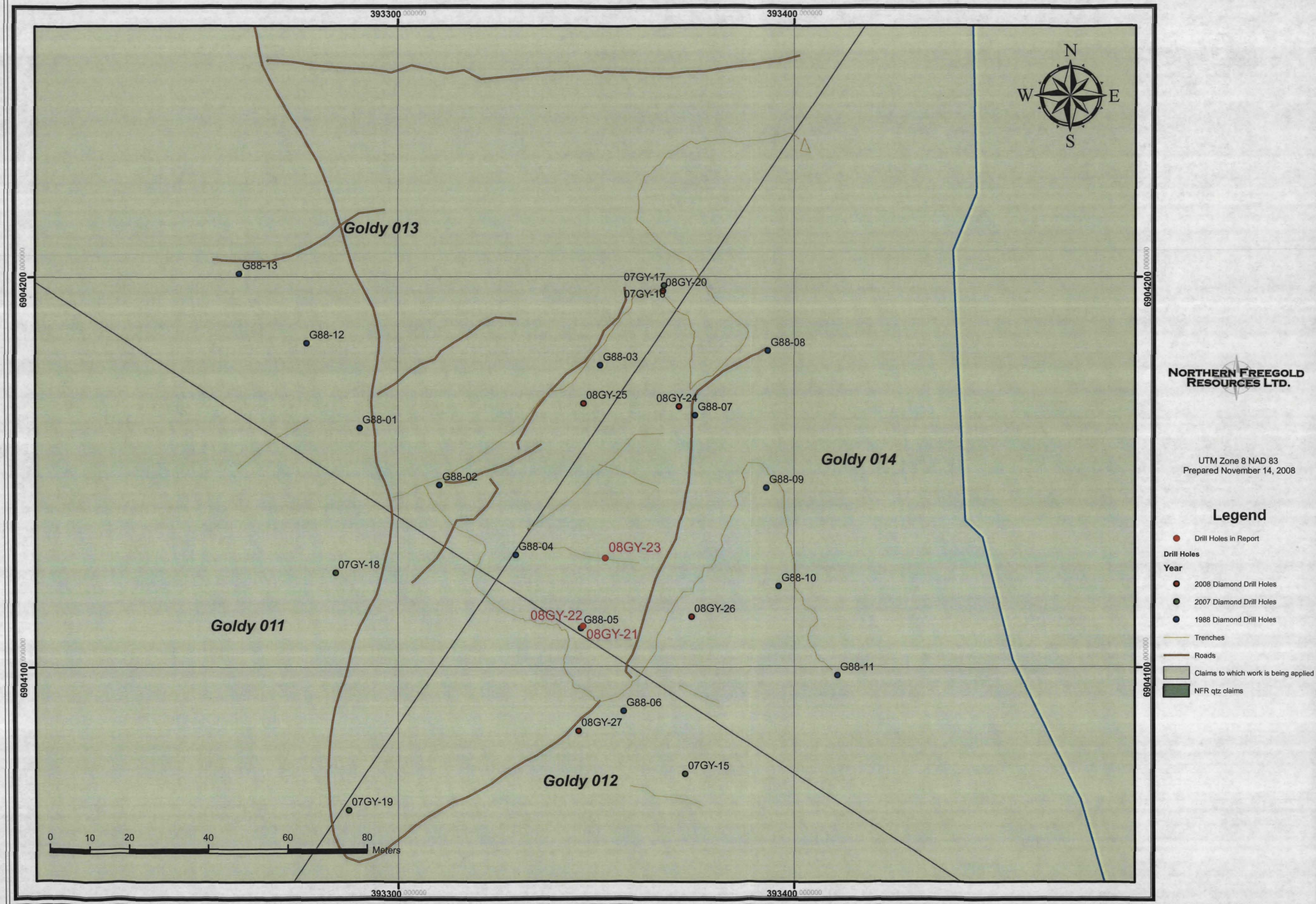
UTM Zone 8		NAD 83					
HOLE No.	EASTING	NORTHING	ELEVATION	DEPTH	AZIMUTH	DIP	SURVEY
08GY-21	393346	6904109.9	1160	166.10	320	-60	DGPS
08GY-22	393346	6904109.9	1160	117.30	320	-50	DGPS
08GY-23	393354	6904126	1161	114.00	320	-50	DGPS

The drill core from all holes were cleaned, photographed and measured. Recoveries and RQD were determined. The core was logged and marked for sampling by sawing or splitting. Sample intervals averaged 1.5m and were based on mineralization, alteration and lithological contacts. The entire length of each hole was split with one half of the core being sent for analysis and the other half returned to the core box. Core sample duplicates are made by sawing a half core into quarters and sending both quarters as separate samples to the lab. The core boxes are stored at the Bow Creek camp in long term high capacity core racks.

Duplicate core samples, commercial standards and blank samples were included in each sample batch sent to EcoTech Laboratory in Kamloops for geochemical analysis of gold by 30g fire assay with an AA finish. Overlimit ($>1000\text{ppb Au}$) were reassayed and reanalyzed. Other elements were analyzed by four acid digestion and 24 element ICP determination. Material collected from outcrops of relatively fresh Bow Creek Granite near the point where the Freegold Road crosses Seymour Creek was used as the blank. This rock gives consistently low values in the elements of economic interest and is similar in hardness to the drill core and as such is deemed adequate for testing in the lab of possible contamination.



**Figure 5:
Drill Hole Location**



**NORTHERN FREEGOLD
RESOURCES LTD.**

UTM Zone 8 NAD 83
Prepared November 14, 2008

Legend

- Drill Holes in Report
- Drill Holes
 - Year
 - 2008 Diamond Drill Holes
 - 2007 Diamond Drill Holes
 - 1988 Diamond Drill Holes
- Trenches
- Roads
- Claims to which work is being applied
- NFR qtz claims

Hole 08GY-21

Hole 08GY-21 is collared in the coarse-grained syenite and remains more or less within this unit until 62.9 m at which point the gneisses of the Yukon group become the dominant lithology. Alteration is highly variable throughout the hole often very intense and often showing very rapid changes. Alteration is dominated by clay and sericite with silicification almost invariably associated with the sections of more concentrated mineralization. Within the syenite there are two main styles of mineralization the first being the distinctive dark grey quartz that is thought to contain extremely fine-grained graphite and pyrite. This mineralization occurs as veinlets, replacements and breccias often changing rapidly or gradually between these expressions within short intervals. The second mineralization type is a sulphide replacement of the mafics, particularly of the lath-shaped hornblendes. The only major intrusion cutting the syenite is a green-to beige andesitic dyke occurring between 35.6 and 37 m. There are five major zones of mineralization associated with the fine grey quartz all of which are associated with elevated gold and silver values (Table 3).

The gneisses are very variably altered and contain many zones showing crushed textures and abundant fractures and clay seams. There are several minor variably mafic and felsic dykes intruding the gneiss. Overall the gneiss appears to be far less mineralized than the overlying syenite and has generally low assay values with only a couple minor kicks of gold and silver associated with two short intervals of breccias containing the fine-grained grey quartz.

The hole ends in a long interval of a fine-grained porphyritic unit containing small feldspar phenocrysts and quartz eyes. Overall the most mineralization and consequently the best assays are found near the top of the hole and significant assay values are not seen below 120 m.

Many contacts seen in the core are gradual, obscured or show contact zones during which there are rapid transitions back and forth between the contacting units. These contact zones may be a product of interfingering or a relict of drilling direction being possibly too close to parallel to contact zones. Most of the core was not oriented and orientation measurements and core-axes measured are very variable making it difficult to predict or determine dominant orientation directions.

Table 3: Goldy Diamond Drilling 2008: Significant Intersections 08GY-21

Hole Number: 08GY-21	From(m)	To(m)	Thickness (m)	Au g/t
	7.7	9.25	1.55	2.1
And	14	15.4	1.4	1.13
And	20.5	23	2.5	0.67
And	50	60.8	10.8	2.12
Includes	50	54.2	4.2	3.04
Includes	58.4	60.8	2.4	3.07
And	108.6	110.2	1.6	1.68

A cross section through drill hole 08GY-21 showing drilling and interpretation is shown in Figure 6. The drill log and assay results for holes 08GY-21, 22 and 23 are found in Appendix 1.

Hole 08GY-22

Hole 08GY-22 is primarily in the syenitic unit some which is strongly foliated but most of which is only weakly or non-foliated. There are frequent, varying intervals of crushed textures and of clay seams and clay-rich fault zones throughout the entire hole. From 23.42 to 29.5 m the syenite is intruded by a green andesitic dyke containing fine-grained plagioclase phenocrysts. The hole ends in a dark green, siliceous, aphanitic subvolcanic dyke starting at 113.5 m and containing small quartz phenocrysts. The only other observed rock-type in this hole were minor fragments of strongly foliated gneissic-schist within the lowest of the brecciated intervals from 100.1 to 104.2 m. Alteration is dominated by sericite and clays with mineralization often associated with silicification.

Mineralization is found in three main forms throughout the hole, two of which carry the same distinctive grey quartz thought to contain fine inclusions of graphite and pyrite. The first form is a dense to sparse randomly oriented networks of grey quartz stringers and veinlets. The second is a breccia where the grey quartz often replaces and brecciates the host rock but can also further cause auto-brecciation of itself. Often the breccia zones show haloes of dense veinlets that gradually transition into less mineralized zones. There are also a couple of sections where both styles appear to overprint one another. The third form is significantly different in nature from the previous two where pyrite and as of yet unidentified fine-grained black sulphides replace, to varying degrees the mafics present in the syenite, particularly the abundant hornblende. Unlike in hole 08GY-21 the upper intervals of mineralization associated with sulphide-rich grey quartz, excepting the very shallow intersections between eight and twelve metres, shows less correlation with gold and silver values than the lower intervals below approximately 80 m. Several small silver kicks not associated with SGP mineralization seem to be associated with the sulphide replacement sections (significant intersections found in Table 4).

This hole intersects only two significantly brecciated intervals rich in the dark grey quartz at 59.95 to 60.91 m and 100.1 to 104.2 m. Intersections rich in the dark grey quartz stringers and veins however are much more numerous with at least five densely veined sections accompanied by silicification of significant width.

Table 4. Goldy Diamond Drilling 2008: Significant Intersections 08GY-22

Hole Number 08GY-22	From	To	Thickness (m)	Au g/t
	8.34	12.12	3.78	3.52
Includes	8.34	9.1	0.76	15.7
And	58.48	60.76	2.28	2.13
Includes	60.48	60.76	0.28	15.2
And	90.5	94.95	4.45	1.63
Includes	92.07	92.76	0.69	5.2
And	111.25	113.08	1.83	0.96

A cross section through drill hole 08GY-22 showing drilling and interpretation is shown in Figure 7.

Hole 08GY-23

The rocks of 08GY-23 are heavily fractured, altered, faulted and in many places show severely strained textures. Hole 08GY-23 primarily intersects gneisses of the Yukon Group and both foliated and non-foliated Big Creek Syenites. The hole begins in brecciated gneiss that transitions into a variably foliated syenite back into gneiss and ends in a variably foliated to non-foliated syenite with mafic-rich amphibolite sections. At a depth of approximately 72 m the hole intersects an interval containing a dark grey dyke cut by white quartz-carbonate veinlets. Pervasive oxidation tapers out by approximately 69.23 m depth with several particularly fractured intervals showing zones of increased oxidation below this depth.

Mineralization is found in two main forms throughout the hole all of which carry the same distinctive grey quartz that is thought to contain very fine grained sulphides and graphite. The first form is a dense to sparse randomly oriented network of grey quartz stringers and veinlets. The second is a breccia where the grey quartz often replaces and brecciates the host rock but shows at least two brecciation events where it brecciates this original breccia. Often the breccia zones grade into zones containing of dense veinlets and stringers that gradually grade into less mineralized zones.

There were five intersections of various widths of the target mineralization composed of brecciated sections rich in a dark grey to almost white quartz. This brecciated and brecciating quartz hosts the bulk of the mineralization in the zone. The first of these intersections occurred at the top of the hole after casing from 2.70 to 8.12 m. The others intersect at approximate depths of depths of 31 to 37 m, 55 to 56 m, 86 to 89 m and 101 to 107 m respectively. Along with the graphite and pyrite mineralization there are traces of arsenopyrite needles in a couple of the deeper brecciated sections. In most of these intersections the protoliths and host rocks of these breccias are recognizable to one extent or another as the surrounding rocks, be these gneissic or syenitic. While not all of these intersections correspond directly to assay values the higher grade values were found in close association with this style of mineralization (Table 5).

Alteration is intense throughout much of the hole and is dominated by clay minerals and in many places a fine green sericite. Several intervals show a moderate to intense carbonate alteration. The breccias and rocks surrounding the breccias show a strong to intense silicification. Some syenite sections may also have undergone albitization. Several petrographic samples have been selected to better define the alteration and mineralization found in this zone.

Table 5. Goldy Diamond Drilling 2008: Significant Intersections 08GY-23

Hole Number 08GY-23	From	To	Thickness (m)	Au g/t
	3.40	8.12	4.72	3.47
Includes	7.00	8.12	1.12	8.62
And	55.17	56.48	1.31	3.93
And	70.16	72.2	2.04	1.22
And	100.8	107.1	6.30	0.9

A cross section through drill hole 08GY-23 showing drilling and interpretation is shown in Figure 8.

Chapter 4 - Conclusions and Recommendations

The Goldy zone shows mineralization, textures, and lithological patterns possibly consistent with being a shear zone hosted gold deposit. As such it constitutes a zone of mineralization with blebs and irregular planes of higher grade mineralization within variably oriented quartz-rich veining. The Goldy zone mineralization is likely similar in source and cause to those mineralizing the surrounding area but has presented in a different style of mineralization due to the fluid directing nature of the very faulted, shear zone and the lithology present in the Goldy claims.

Mineralization is hosted disseminated in very fine inclusions within a fine-grained quartz - resulting in a dark, grey colouration of the quartz itself - in stringers, veins and breccias. The mineralization generally presents as a replacement both of host rock by the fine, grey quartz and in less common cases by preferential sulphide replacement of hornblende within a coarse-grained, megacrystic syenite phase. Graphite and pyrite dominate the mineralization with some zones also showing relatively abundant arsenopyrite needles.

Following the complete compilation of the 2008 exploration results and historical results further step out drilling may be recommended to better understand and constrain the orientation of the mineralized zone. Field work including sampling, geological mapping, and trench mapping will verify historical finds and better define the geological characteristics of the area particularly the position of the inferred contact between the syenite and the gneisses. Field checking of a strong IP anomaly east of the Goldy Main Zone would help to validate the geophysical data allowing a more accurate correlation of the geophysical data with the geology and may open up further target potential in the mineralized Goldy zone.

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Certificates

I, EMILY MILLER, of the city of North Vancouver, in the Province of British Columbia, HEREBY CERTIFY:

1. That I am a geologist and that I worked at the property from June to August in 2006, May to August in 2007, and May to October in 2008.
2. That I am a graduate of the University of Alberta (B.Sc. Geology, 2008).
3. That I have been engaged in mineral exploration and development on a seasonal basis for three years and on a full-time basis for eight months.
4. That I am an employee of Bushmaster Exploration Services (2008) Ltd. which conducts the fieldwork at the Freegold Mountain Project for Northern Freegold Resources Ltd.

SIGNED at Vancouver, B.C. this 15th day of December, 2008

A handwritten signature in black ink, appearing to read 'Emily Miller', with a stylized, cursive script.

Emily Miller

Statement of Costs

Drill hole	Depth (m)	Total
08GY-21	169.77	23,340.76
08GY-22	122.83	19,370.99
08GY-23	117.96	18,161.44
		\$60,873.19



Kluane Drilling Ltd.

14 MacDonald Rd., Whitehorse, Yukon Y1A 4L2

Tel: (867) 633-4800 Fax: (867) 633-3641

kluanedrilling@northwestel.net

CLIENT: BUSHMASTER EXPLORATION
CONT # NFR 003
RIG # KD-3

HOLE # 08GY-21
FROM: 21-May-2008
TO: 24-May-2008
METERS DRILLED 169.77

COST OF HOLE \$23,340.76

CASING AND DRILLING CHARGEABLES

SIZE	METERS	DEPTH FROM	TO	METERS DRILLED	RATE P/M	TOTAL (CAD)
NW	8.23	0	30	8.23	119.00	979.32
NTW	161.54	0	300	161.54	119.00	19,223.74
		300	500	0.00	126.00	0.00

TOTAL CASING AND DRILLING CHARGEABLES 20,203.06

HOURLY CHARGEABLES

DESCRIPTION	TOTAL SHOTS	TOTAL HOURS	RATE P/H	TOTAL (IN CAD)
MOVING		4.00	100.00	400.00
REAMING		7.00	136.00	952.00
STABILIZATION		7.50	136.00	1,020.00
WATER SUPPLY		0.50	100.00	50.00
TRAVEL OVER 1.0 HR/SH		2.50	100.00	250.00

TOTAL HOURLY CHARGEABLES 2,672.00

CONSUMABLES, EQUIPMENT AND OTHER SUPPLIES

DESCRIPTION	QTY.	UNIT PRICE (CAD)	TOTAL (IN CAD)
CLAY SEAM	1	140.00	140.00
EXTREME NUMBER ONE 15KG	1	178.00	178.00
PLUS 15%			47.70
TOTAL CONSUMABLES, EQUIPMENT AND OTHER SUPPLIES			365.70

OTHER CHARGEABLES

DESCRIPTION	TIME BASIS	UNITS ITEMS	RATE PER UNIT / ITEM	TOTAL (IN CAD)
EXTRA PUMP	1	2.00 DAYS	50.00	100.00

TOTAL OTHER CHARGEABLES 100.00

SUMMARY OF CHARGEABLES

CASING AND DRILLING CHARGEABLES	20,203.06
HOURLY CHARGEABLES	2,672.00
CONSUMABLES, EQUIPMENT AND OTHER SUPPLIES	365.70
OTHER CHARGEABLES	100.00
TOTAL BEFORE TAXES	23,340.76



Kluane Drilling Ltd.

14 MacDonald Rd., Whitehorse, Yukon Y1A 4L2

Tel: (867) 633-4800 Fax: (867) 633-3641

kluanedrilling@nothwestel.net

CLIENT: BUSHMASTER EXPLORATION
CONT # NFR 003
RIG # KD-3

HOLE # 08GY-22
FROM: 24-May-2008
TO: 26-May-2008
METERS DRILLED 122.83

COST OF HOLE \$19,370.99

CASING AND DRILLING CHARGEABLES

SIZE	METERS	DEPTH FROM	TO	METERS DRILLED	RATE P/M	TOTAL (CAD)
NW	7.62	0	30	7.62	119.00	906.78
NTW	115.21	0 300	300 500	115.21 0.00	119.00 126.00	13,710.51 0.00

TOTAL CASING AND DRILLING CHARGEABLES 14,617.29

HOURLY CHARGEABLES

DESCRIPTION	TOTAL SHOTS	TOTAL HOURS	RATE P/H	TOTAL (IN CAD)
REAMING		2.00	136.00	272.00
STABILIZATION		14.50	136.00	1,972.00
WATER SUPPLY		14.00	100.00	1,400.00
TESTING		2.00	136.00	272.00

TOTAL HOURLY CHARGEABLES 3,916.00

CONSUMABLES, EQUIPMENT AND OTHER SUPPLIES

DESCRIPTION	QTY.	UNIT PRICE (CAD)	TOTAL (IN CAD)
CLAY SEAM	3	140.00	420.00
EXTREME NUMBER ONE 15KG	1	178.00	178.00
PLUS 15%			89.70

TOTAL CONSUMABLES, EQUIPMENT AND OTHER SUPPLIES 687.70

OTHER CHARGEABLES

DESCRIPTION	TIME BASIS	UNITS ITEMS	RATE PER UNIT / ITEM	TOTAL (IN CAD)
EXTRA PUMP	1	3.00 DAYS	50.00	150.00

TOTAL OTHER CHARGEABLES 150.00

SUMMARY OF CHARGEABLES

CASING AND DRILLING CHARGEABLES	14,617.29
HOURLY CHARGEABLES	3,916.00
CONSUMABLES, EQUIPMENT AND OTHER SUPPLIES	687.70
OTHER CHARGEABLES	150.00

TOTAL BEFORE TAXES 19,370.99



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kluanedrilling@nothwestel.net

CLIENT: BUSHMASTER EXPLORATION
CONT # NFR 003
RIG # KD-3

HOLE # 08GY-23
FROM: 27-May-2008
TO: 29-May-2008
METERS DRILLED 117.96

COST OF HOLE \$18,161.44

CASING AND DRILLING CHARGEABLES

SIZE	METERS	DEPTH FROM	TO	METERS DRILLED	RATE P/M	TOTAL (CAD)
NW	6.10	0	30	6.10	119.00	725.42
NTW	111.86	0 300	300 500	111.86 0.00	119.00 126.00	13,311.53 0.00

TOTAL CASING AND DRILLING CHARGEABLES 14,036.95

HOURLY CHARGEABLES

DESCRIPTION	TOTAL SHOTS	TOTAL HOURS	RATE P/H	TOTAL (IN CAD)
MOVING		1.00	100.00	100.00
REAMING		6.50	136.00	884.00
STABILIZATION		11.50	136.00	1,564.00
WATER SUPPLY		2.00	100.00	200.00
STAND-BY		2.00	100.00	200.00

TOTAL HOURLY CHARGEABLES 2,948.00

CONSUMABLES, EQUIPMENT AND OTHER SUPPLIES

DESCRIPTION	QTY.	UNIT PRICE (CAD)	TOTAL (IN CAD)
EXTREME SUPER G BLUE 20L	1	165.00	165.00
EXTREME SUPER G-GOLD 20L	1	165.00	165.00
CLAY SEAM	2	140.00	280.00
SUPER TROLL	1	198.00	198.00
LINSEED SOAP (23KG)	1	84.60	84.60
PLUS 15%			133.89
TOTAL CONSUMABLES, EQUIPMENT AND OTHER SUPPLIES			1,026.49

OTHER CHARGEABLES

DESCRIPTION	TIME BASIS	UNITS ITEMS	RATE PER UNIT / ITEM	TOTAL (IN CAD)
EXTRA PUMP	1	3.00 DAYS	50.00	150.00

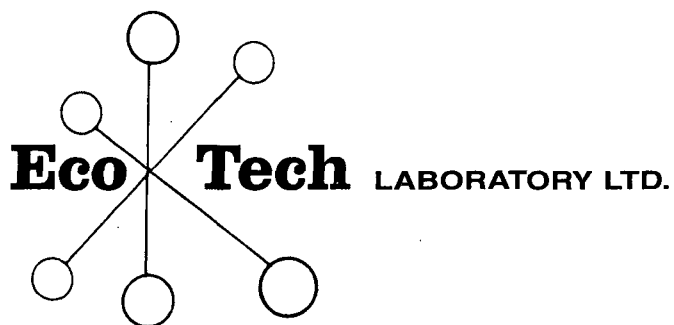
TOTAL OTHER CHARGEABLES 150.00

SUMMARY OF CHARGEABLES

CASING AND DRILLING CHARGEABLES	14,036.95
HOURLY CHARGEABLES	2,948.00
CONSUMABLES, EQUIPMENT AND OTHER SUPPLIES	1,026.49
OTHER CHARGEABLES	150.00
TOTAL BEFORE TAXES	18,161.44

Appendix 1

08GY-21, 22, 23 Drill Logs and Assay Certificates



ASSAYING, GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING
ISO 9001 Accredited Co.

10041 Dallas Drive, Kamloops, BC V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
E-mail: info@ecotechlab.com
www.ecotechlab.com

CERTIFICATE OF ASSAY AW 2008-8052

Bushmaster Exploration
420 - 475 Howe Street
Vancouver, BC
V6C 2B3

26-Jun-08

No. of samples received: 50
Sample Type: Core
Project: BOW Creek
Shipment #: 2008BOW002A
Submitted by: D. Heon

ET #.	Tag #	Au (g/t)	Au (oz/t)
4	G981040	2.10	0.061
8	G981044	1.13	0.033
39	G981075	1.40	0.041
40	G981076	6.52	0.190
41	G981077	3.00	0.087
42	G981078	1.24	0.036
43	G981079	3.00	0.087
46	G981082	1.80	0.052
49	G981085	2.90	0.085
50	G981086	3.20	0.093

QC DATA:

Repeat:

40	G981076	6.28	0.183
41	G981077	3.18	0.093
50	G981086	3.20	0.093

Standard:

Oxi67	1.83	0.053
-------	------	-------

JJ/nw
XLS/08


ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

ECO TECH LABORATORY LTD.

10041 Dallas Drive

KAMLOOPS, B.C.

V2C 6T4

ICP CERTIFICATE OF ANALYSIS AW 2008- 8052

Total Digest

Bushmaster Exploration

420 - 475 Howe Street

Vancouver, BC

V6C 2B3

Phone: 250-573-5700

Fax : 250-573-4557

No. of samples received: 50

Sample Type: Core

Project: BOW Creek

Shipment #: 2008BOW002A

Submitted by: D. Heon

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	G981037	35	6.8	9.45	1385	3560	<5	1.60	102	16	75	40	3.39	1.50	20	0.35	2957	8	0.20	30	1670	2774	235	<20	104	0.49	<10	169	<10	24	2825
2	G981038	120	4.6	8.33	635	580	<5	1.98	36	16	95	17	3.47	2.36	20	0.46	4071	18	0.17	21	1430	1958	160	<20	81	0.30	<10	124	<10	12	2696
3	G981039	155	8.0	4.70	555	245	<5	1.13	32	16	116	36	3.00	1.33	10	0.27	2085	53	0.09	21	1160	5058	320	<20	58	0.17	<10	88	<10	11	1826
4	G981040	>1000	4.0	6.89	885	185	<5	0.89	29	16	112	17	3.04	1.57	20	0.33	2330	44	0.14	21	1020	1898	235	<20	55	0.24	<10	112	<10	13	2107
5	G981041	20	1.0	6.92	415	2585	<5	0.56	10	21	71	11	4.67	1.94	20	0.29	1837	14	0.22	17	1640	160	180	<20	128	0.24	<10	135	<10	12	1497
6	G981042	325	1.0	6.88	605	270	<5	0.77	15	11	115	11	4.43	1.64	20	0.31	758	22	0.17	20	1960	372	210	<20	149	0.32	<10	139	<10	13	1044
7	G981043	50	0.8	8.73	245	480	<5	0.50	4	9	105	13	3.32	1.82	20	0.32	577	8	0.21	11	1440	84	145	<20	234	0.31	<10	130	<10	13	860
8	G981044	>1000	2.0	3.84	550	105	<5	0.33	36	14	122	14	2.79	1.65	10	0.18	146	42	0.12	19	860	578	235	<20	91	0.17	<10	95	<10	11	1205
9	G981045	200	3.6	4.20	550	185	<5	0.56	53	9	87	16	1.72	1.17	10	0.22	592	38	0.06	13	690	1376	240	<20	59	0.16	<10	88	<10	9	2600
10	G981046	35	3.6	6.26	810	290	<5	0.45	79	9	119	11	3.06	1.73	20	0.28	346	40	0.21	18	1230	1784	220	<20	96	0.21	<10	133	<10	14	3321
11	G981047	15	1.0	6.53	210	480	<5	1.29	12	14	93	8	4.10	1.82	20	0.45	2018	13	0.27	15	1800	406	185	<20	115	0.24	<10	114	<10	12	1440
12	G981048	10	0.4	7.64	185	995	<5	1.32	9	9	93	5	3.62	1.83	20	0.56	2947	11	0.23	12	1460	232	115	<20	154	0.27	<10	137	<10	15	1722
13	G981049	300	11.0	2.86	815	100	<5	0.22	40	10	116	31	2.22	1.35	<10	0.15	106	121	0.08	19	740	7100	270	<20	69	0.14	<10	74	<10	6	1668
14	G981050	<5	0.2	6.73	20	1090	<5	0.91	<1	4	76	24	1.73	2.57	40	0.34	294	3	2.17	8	410	34	<5	<20	265	0.19	<10	29	<10	17	38
15	G981051	605	8.6	3.52	350	85	<5	0.31	58	13	109	24	1.82	1.82	10	0.18	59	77	0.12	14	810	7416	390	<20	43	0.15	<10	83	<10	9	3174
16	G981052	700	10.4	4.29	1035	60	<5	0.40	77	16	144	29	2.60	1.91	<10	0.19	85	38	0.12	26	1080	5732	205	<20	87	0.15	<10	94	<10	10	3117
17	G981053	5	4.4	8.97	855	930	<5	0.50	55	6	82	21	4.62	1.73	20	0.28	302	6	0.21	18	1610	1702	150	<20	131	0.33	<10	141	<10	15	3295
18	G981054	<5	0.4	>10	375	2445	<5	1.04	9	7	114	8	3.72	1.90	30	0.42	514	7	1.66	14	1760	64	120	<20	195	0.38	<10	142	<10	14	895
19	G981055	10	0.2	7.05	95	345	<5	1.70	2	19	94	6	4.69	4.13	30	0.66	1792	7	0.32	13	1810	60	65	<20	304	0.29	<10	151	<10	15	674
20	G981056	5	<0.2	9.46	125	485	<5	1.44	1	26	111	13	5.21	1.91	30	0.41	1127	8	0.53	18	2540	56	70	<20	397	0.41	<10	172	<10	13	715
21	G981057	10	0.2	6.15	55	145	<5	1.51	<1	16	97	10	4.35	2.62	20	0.51	1668	5	0.24	12	1700	48	120	<20	276	0.24	<10	141	<10	10	445
22	G981058	<5	<0.2	8.43	55	3085	<5	2.50	2	14	82	11	4.37	3.29	30	0.92	2108	1	0.63	12	1580	54	50	<20	393	0.32	<10	161	<10	18	490
23	G981059	<5	<0.2	7.77	50	520	<5	2.53	2	17	87	8	5.91	2.00	30	0.86	1867	1	0.49	14	2180	56	70	<20	351	0.34	<10	160	<10	15	537
24	G981060	620	1.3	8.05	15	700	<5	2.06	<1	21	24	54	13	2.02	20	1.37	427	3	2.46	22	1120	42	<5	<20	476	0.27	<10	138	<10	15	64
25	G981061	<5	<0.2	>10	40	85	<5	2.87	2	16	112	8	4.88	2.86	20	0.73	2058	2	0.33	12	1910	48	35	<20	338	0.36	<10	150	<10	14	295

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	G981062	<5	<0.2	8.21	50	220	<5	3.20	1	18	89	6	5.00	4.14	30	0.94	2295	3	0.34	13	2020	46	45	<20	308	0.35	<10	160	<10	17	399
27	G981063	<5	<0.2	>10	55	2275	<5	1.19	1	20	95	24	5.17	1.90	20	0.64	2009	5	0.26	25	1720	48	90	<20	131	0.50	<10	166	<10	17	616
28	G981064	15	0.6	8.51	60	725	<5	0.62	1	14	83	11	4.94	1.65	20	0.53	807	6	0.22	14	1540	48	115	<20	94	0.33	<10	147	<10	11	658
29	G981065	55	1.0	5.64	90	245	<5	0.47	3	13	96	10	3.79	1.71	20	0.44	961	9	0.19	12	1150	88	110	<20	81	0.22	<10	127	<10	13	661
30	G981066	<5	0.8	9.87	125	255	<5	1.49	5	16	96	35	5.15	1.71	30	0.73	1803	<1	0.29	17	1800	96	75	<20	72	0.39	<10	178	<10	16	626
31	G981067	<5	1.8	6.05	275	255	<5	2.73	29	8	104	7	3.24	1.13	20	1.04	1467	5	0.23	10	1120	558	80	<20	109	0.21	<10	110	<10	12	1789
32	G981068	60	0.6	9.19	65	440	<5	2.38	2	15	96	6	4.61	1.45	20	0.72	2657	3	0.22	13	1640	130	115	<20	102	0.30	<10	144	<10	15	645
33	G981069	5	1.2	6.96	60	710	<5	2.74	2	12	97	18	4.22	1.39	30	0.86	2248	2	0.23	11	1500	174	85	<20	137	0.28	<10	139	<10	14	540
34	G981070	660	1.2	8.56	10	680	<5	2.05	<1	16	28	5435	5.35	2.09	20	1.42	396	3	2.56	15	1030	42	<5	<20	464	0.26	<10	132	<10	15	57
35	G981071	5	1.0	7.58	80	500	<5	0.84	1	18	111	15	4.76	1.61	30	0.49	1704	1	0.27	15	1890	144	110	<20	87	0.40	<10	165	<10	13	605
36	G981072	10	1.6	7.47	85	525	<5	2.52	2	16	103	14	4.99	1.45	30	0.87	1744	2	0.27	15	1930	170	110	<20	94	0.29	<10	157	<10	15	551
37	G981073	<5	1.2	8.21	55	865	<5	1.63	2	14	106	11	5.18	1.56	30	0.62	2015	2	0.36	11	2080	126	95	<20	145	0.32	<10	157	<10	14	644
38	G981074	5	2.4	7.88	200	120	<5	2.39	22	15	91	14	3.87	1.87	30	0.86	1965	5	0.42	14	1630	488	65	<20	185	0.29	<10	166	<10	17	1872
39	G981075	>1000	2.0	6.93	560	70	<5	2.38	66	15	117	11	4.60	3.31	20	0.91	1084	11	0.23	17	1690	862	65	<20	137	0.24	<10	133	<10	12	3129
40	G981076	>1000	0.8	5.96	875	90	<5	1.37	12	16	93	6	4.05	2.80	20	0.53	526	12	0.20	23	1220	168	95	<20	108	0.19	<10	144	<10	12	1318
41	G981077	>1000	1.8	3.81	585	165	<5	0.48	18	9	87	6	2.12	1.53	20	0.27	158	127	0.10	15	640	236	200	<20	87	0.14	<10	84	<10	8	1125
42	G981078	>1000	3.0	5.59	470	50	<5	2.06	60	15	116	15	4.85	2.42	20	0.74	795	28	0.20	19	1490	966	155	<20	92	0.25	<10	132	<10	13	3526
43	G981079	>1000	1.4	7.90	515	65	<5	2.13	18	17	86	8	5.55	2.65	40	1.00	880	4	0.32	19	1900	486	105	<20	150	0.34	<10	221	<10	18	1364
44	G981080	10	1.2	7.04	75	415	<5	2.59	2	17	83	11	5.24	1.24	30	0.80	1893	1	0.22	15	2070	158	105	<20	88	0.31	<10	150	<10	13	580
45	G981081	90	0.4	5.29	255	120	<5	1.55	3	8	100	26	2.22	2.50	20	0.72	527	29	0.17	9	350	66	55	<20	90	0.16	<10	53	<10	9	249
46	G981082	>1000	3.0	7.14	695	55	<5	1.75	26	13	77	10	3.33	2.00	20	0.55	1023	52	0.17	17	1380	534	235	<20	82	0.31	<10	118	<10	12	2270
47	G981083	50	1.2	5.78	220	485	<5	1.60	8	12	85	5	3.33	1.56	20	0.55	1753	46	0.14	13	1450	268	190	<20	80	0.24	<10	116	<10	13	859
48	G981084	475	2.2	5.77	950	115	<5	1.03	71	14	82	11	3.03	1.89	20	0.38	577	73	0.18	20	1090	1160	265	<20	60	0.20	<10	97	<10	11	4087
49	G981085	>1000	1.0	3.96	430	210	<5	0.84	11	8	119	8	1.84	1.66	20	0.41	435	37	0.10	11	390	322	125	<20	59	0.12	<10	67	<10	8	959
50	G981086	>1000	1.4	5.45	585	65	<5	0.96	11	10	101	26	3.18	2.73	40	0.41	587	16	0.18	16	690	268	150	<20	50	0.18	<10	87	<10	11	741

QC DATA:**Repeat:**

1	G981037	40	6.6	9.28	1410	3660	<5	1.68	110	16	76	39	3.58	1.53	20	0.36	3043	8	0.21	32	1740	2838	245	<20	110	0.52	<10	181	<10	26	2906
6	G981042	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	G981046	30	3.4	5.94	770	315	<5	0.44	77	11	112	10	3.20	1.61	20	0.26	338	38	0.19	20	1230	1812	215	<20	90	0.19	<10	127	<10	13	3297
13	G981049	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	G981051	555	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	G981052	670	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	G981055	10	0.4	7.43	85	360	<5	1.66	2	16	92	8	4.49	3.91	20	0.65	1833	7	0.30	12	1770	50	60	<20	296	0.31	<10	152	<10	14	659
36	G981072	10	1.6	7.75	80	505	<5	2.61	2	18	109	14	5.15	1.50	30	0.84	1793	1	0.28	14	2010	170	115	<20	93	0.30	<10	157	<10	14	568
48	G981084	520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Resplit:

1	G981037	35	6.8	9.01	1305	3420	<5	1.46	90	17	64	39	3.57	1.54	20	0.35	2875	7	0.23	32	1610	2786	225	<20	90	0.36	<10	168	<10	24	2752
36	G981072	10	1.4	7.23	75	520	<5	2.37	2	14	90	14	4.71	1.39	30	0.85	1625	1	0.34	13	1890	162	100	<20	95	0.27	<10	149	<10	14	517

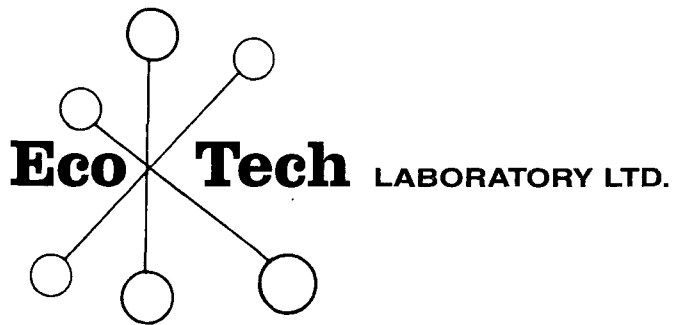
Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																															
SE29		600																													
SE29		595																													
Stsd3			0.4	5.71	25	1340	<5	2.43	1	20	57	43	4.17	1.30	30	1.28	2584	7	1.18	34	1700	60	<5	<20	251	0.27	<10	102	<10	31	208
Stsd3			0.6	5.68	30	1360	<5	2.54	2	22	58	41	4.13	1.31	40	1.20	2551	7	1.16	32	1750	58	<5	<20	247	0.29	<10	110	<10	31	217

Au: 30g FA - AA Finish
ICP : Total Digest - ICP/AES Finish
Ag : Total Digest- AA Finish



ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/nw
dt/td8052s
XLS/07



ASSAYING, GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING
ISO 9001 Accredited Co.

10041 Dallas Drive, Kamloops, BC V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
E-mail: info@ecotechlab.com
www.ecotechlab.com

CERTIFICATE OF ASSAY AW 2008-8078

Bushmaster Exploration
420 - 475 Howe Street
Vancouver, BC
V6C 2B3

16-Jul-08

No. of samples received: 50
Sample Type: Core
Project: BOW Creek
Shipment #: 2008BOW002B
Submitted by: D Heon

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	G981087	3.20	0.093
43	G981129	1.68	0.049

QC DATA:

Repeat:

43	G981129	1.66	0.048
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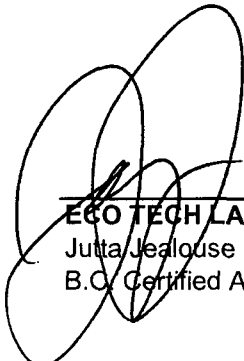
Resplit:

1	G981087	3.20	0.093
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Standard:

Oxi67	1.81	0.053
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JJ/nw
XLS/08


ECO TECH LABORATORY LTD.
Jutta Jealous
B.C. Certified Assayer

ECO TECH LABORATORY LTD.

10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AW 2008- 8078

Total Digest

Bushmaster Exploration

420 - 475 Howe Street
Vancouver, BC
V6C 2B3

Phone: 250-573-5700

Fax : 250-573-4557

No. of samples received: 50

Sample Type: Core

Project: BOW Creek

Shipment #:2008BOW002B

Submitted by: D Heon

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	G981087	>1000	0.6	5.12	960	205	<5	0.98	6	5	75	5	1.79	2.19	30	0.51	841	8	0.10	11	260	104	85	<20	49	0.13	<10	59	<10	10	316
2	G981088	25	0.4	6.29	185	305	<5	1.63	2	7	73	8	2.19	2.59	30	0.71	1113	4	0.12	8	430	42	70	<20	69	0.17	<10	66	<10	11	232
3	G981089	35	<0.2	6.96	60	445	<5	2.13	<1	28	88	23	7.19	2.01	50	1.09	2345	8	0.13	24	3560	42	135	<20	87	0.77	<10	297	<10	50	485
4	G981090	830	1.8	8.18	10	680	<5	1.57	<1	17	33	7515	4.68	2.63	20	1.23	393	4	2.39	29	1090	48	<5	<20	453	0.28	<10	120	<10	14	81
5	G981091	10	<0.2	6.74	15	1065	<5	1.48	<1	7	79	19	2.55	2.93	30	0.72	981	3	0.16	6	440	28	55	<20	85	0.17	<10	60	<10	11	128
6	G981092	40	<0.2	7.29	40	735	<5	1.62	<1	6	67	6	2.33	3.00	30	0.76	919	3	0.16	6	400	34	55	<20	107	0.18	<10	53	<10	11	171
7	G981093	5	<0.2	7.17	15	600	<5	1.62	<1	7	72	8	2.84	2.76	30	0.82	1032	2	0.16	7	540	30	65	<20	78	0.20	<10	54	<10	14	158
8	G981094	15	<0.2	6.84	30	590	<5	2.03	<1	10	74	5	2.58	2.58	30	0.84	844	3	0.15	8	460	36	75	<20	99	0.21	<10	61	<10	12	176
9	G981095	35	<0.2	6.59	20	960	<5	1.29	<1	6	77	1	2.30	2.76	30	0.64	841	4	0.14	6	350	28	65	<20	74	0.17	<10	35	<10	12	241
10	G981096	5	<0.2	7.15	35	520	<5	2.09	<1	20	78	7	4.25	2.58	20	1.01	1254	4	0.14	14	1060	32	105	<20	125	0.41	<10	152	<10	14	341
11	G981097	5	<0.2	5.33	15	780	<5	0.54	<1	6	90	4	1.67	2.26	20	0.43	452	3	0.11	5	340	24	105	<20	60	0.15	<10	45	<10	10	175
12	G981098	10	<0.2	6.67	15	1180	<5	1.00	<1	5	82	2	2.34	3.05	30	0.62	687	3	0.17	5	320	32	55	<20	100	0.15	<10	36	<10	10	153
13	G981099	5	0.2	7.12	20	2340	<5	1.18	<1	6	75	2	2.34	3.08	30	0.75	692	3	0.17	6	330	32	50	<20	120	0.16	<10	38	<10	12	137
14	G981100	5	<0.2	7.02	15	1095	<5	0.96	<1	4	97	21	1.57	2.80	40	0.36	300	3	2.19	9	440	36	<5	<20	272	0.20	<10	28	<10	16	43
15	G981101	5	<0.2	7.28	20	1490	<5	1.12	<1	6	81	20	2.30	3.18	40	0.68	592	4	0.18	5	360	36	45	<20	100	0.17	<10	39	<10	11	95
16	G981102	10	<0.2	4.73	30	965	<5	0.93	<1	4	112	5	1.46	2.20	20	0.44	342	2	0.10	5	220	26	40	<20	103	0.11	<10	24	<10	7	68
17	G981103	10	<0.2	6.75	55	6070	<5	0.98	<1	6	66	5	2.16	2.88	30	0.57	574	4	0.18	6	330	28	50	<20	151	0.17	<10	34	<10	12	107
18	G981104	5	0.4	6.72	30	1215	<5	1.07	<1	6	87	7	2.12	3.22	30	0.63	574	3	0.17	5	340	32	50	<20	109	0.17	<10	34	<10	11	88
19	G981105	5	<0.2	6.96	55	1775	<5	1.22	<1	7	81	12	2.38	3.16	30	0.65	723	3	0.17	6	490	32	60	<20	110	0.22	<10	49	<10	11	124
20	G981106	<5	<0.2	6.58	45	1860	<5	1.48	<1	6	70	3	2.11	2.86	30	0.65	684	4	0.16	5	350	32	60	<20	115	0.18	<10	33	<10	11	150
21	G981107	<5	<0.2	7.12	30	1305	<5	1.26	<1	6	79	2	2.57	3.35	30	0.72	804	3	0.21	6	360	30	45	<20	126	0.19	<10	38	<10	12	131
22	G981108	<5	<0.2	6.72	25	1290	<5	1.30	<1	8	85	16	2.78	2.96	40	0.69	677	4	0.17	6	580	36	55	<20	102	0.24	<10	56	<10	14	107
23	G981109	5	<0.2	6.98	25	1330	<5	0.85	<1	5	82	9	2.59	3.23	30	0.61	622	3	0.19	6	390	28	50	<20	111	0.20	<10	38	<10	11	91
24	G981110	310	0.8	6.74	10	745	<5	1.49	<1	7	17	3381	3.61	3.87	30	0.52	370	2	1.82	15	480	48	<5	<20	168	0.18	<10	43	<10	20	71
25	G981111	5	<0.2	6.71	25	1685	<5	1.19	<1	4	63	14	1.89	3.16	30	0.69	538	3	0.26	4	320	28	50	<20	164	0.14	<10	30	<10	9	60

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	G981112	5	<0.2	6.52	25	1670	<5	1.41	<1	9	78	12	2.97	2.91	30	0.88	645	3	0.31	7	530	36	50	<20	153	0.21	<10	54	<10	12	106
27	G981113	5	<0.2	7.28	40	1655	<5	2.71	<1	15	66	25	5.01	2.55	40	1.52	1414	3	0.19	14	2190	32	60	<20	245	0.44	<10	221	<10	34	169
28	G981114	<5	<0.2	7.55	25	1025	<5	1.06	<1	6	60	53	2.34	3.42	20	0.70	559	3	0.21	5	590	36	50	<20	150	0.16	<10	47	<10	8	75
29	G981115	5	<0.2	6.83	30	1880	<5	0.87	<1	5	56	4	1.90	3.51	30	0.52	467	6	0.20	6	350	38	65	<20	180	0.14	<10	38	<10	8	83
30	G981116	5	<0.2	7.01	20	1600	<5	1.15	<1	5	74	7	2.31	3.44	20	0.66	623	3	0.19	5	330	34	45	<20	151	0.15	<10	35	<10	10	69
31	G981117	5	<0.2	6.25	25	955	<5	1.69	<1	7	73	9	2.24	2.75	20	0.80	690	3	0.12	7	480	36	65	<20	102	0.16	<10	53	<10	11	100
32	G981118	10	<0.2	6.67	35	1665	<5	1.03	<1	7	73	4	2.16	3.05	30	0.59	618	5	0.17	6	360	34	60	<20	80	0.17	<10	39	<10	10	80
33	G981119	5	0.2	6.78	25	1840	<5	1.35	<1	5	75	11	2.18	2.99	30	0.67	517	4	0.15	5	360	36	65	<20	70	0.16	<10	39	<10	12	64
34	G981120	<5	<0.2	7.07	20	1495	<5	1.21	<1	6	65	6	2.27	3.40	20	0.66	619	5	0.19	6	320	36	45	<20	153	0.15	<10	35	<10	9	71
35	G981121	5	<0.2	6.80	15	1350	<5	1.59	<1	6	75	8	2.37	3.26	40	0.70	661	2	0.18	5	370	34	40	<20	109	0.18	<10	37	<10	12	60
36	G981122	5	<0.2	6.50	30	885	<5	0.98	<1	5	78	8	2.18	2.83	30	0.60	546	3	0.08	5	430	38	50	<20	93	0.18	<10	47	<10	13	78
37	G981123	10	<0.2	5.90	160	790	<5	1.47	2	5	68	2	1.97	2.54	30	0.62	630	4	0.07	6	300	46	55	<20	81	0.15	<10	31	<10	10	148
38	G981124	15	0.4	5.88	80	1120	<5	1.02	2	5	71	2	1.65	2.59	30	0.49	509	6	0.07	5	300	48	85	<20	71	0.15	<10	30	<10	9	268
39	G981125	25	0.2	6.43	100	790	<5	0.53	2	6	64	5	1.79	2.62	30	0.44	412	10	0.07	5	350	68	100	<20	49	0.18	<10	37	<10	10	309
40	G981126	70	0.2	6.18	225	395	<5	1.22	7	8	77	8	2.38	2.70	30	0.53	930	13	0.07	8	440	100	130	<20	65	0.19	<10	43	<10	12	751
41	G981127	80	<0.2	5.78	100	440	<5	0.65	1	5	71	2	1.38	2.45	20	0.40	459	7	0.07	5	280	40	90	<20	45	0.15	<10	32	<10	9	220
42	G981128	75	0.6	5.79	255	1180	<5	0.80	4	5	77	8	1.57	2.38	30	0.46	412	7	0.07	6	320	246	65	<20	48	0.17	<10	38	<10	9	400
43	G981129	>1000	5.6	4.96	880	165	<5	0.61	32	12	100	19	2.49	2.07	20	0.31	246	20	0.07	17	920	1296	155	<20	59	0.21	<10	89	<10	8	2483
44	G981130	5	1.0	6.72	20	845	<5	3.66	1	9	67	7	3.81	2.45	20	1.34	1981	3	0.11	10	1390	80	50	<20	221	0.24	<10	134	<10	16	283
45	G981131	10	<0.2	6.18	40	505	<5	0.99	1	6	67	3	1.84	2.80	30	0.53	597	7	0.08	6	490	70	65	<20	67	0.18	<10	49	<10	10	265
46	G981132	820	3.4	3.43	170	645	<5	1.11	7	9	98	30	1.73	1.47	10	0.44	686	41	0.04	10	730	1354	200	<20	106	0.17	<10	74	<10	11	589
47	G981133	20	0.6	5.86	35	1435	<5	3.63	<1	21	70	9	6.04	2.12	40	1.28	1972	8	0.08	16	2910	100	95	<20	200	0.61	<10	254	<10	29	311
48	G981134	5	<0.2	5.90	30	1475	<5	3.63	1	8	57	6	2.97	2.58	20	1.14	1663	5	0.13	10	980	160	80	<20	303	0.16	<10	88	<10	11	256
49	G981135	10	<0.2	6.51	15	3745	<5	2.61	<1	8	55	4	3.67	2.65	20	1.00	1421	3	0.14	9	1490	36	60	<20	315	0.26	<10	127	<10	13	192
50	G981136	5	<0.2	6.61	30	1390	<5	1.98	2	9	67	12	2.46	2.98	30	0.80	1045	3	0.11	12	520	68	55	<20	101	0.17	<10	60	<10	9	290

QC DATA:**Repeat:**

1	G981087	>1000	0.4	5.16	995	220	<5	1.05	7	6	78	5	1.83	2.30	30	0.54	861	8	0.10	12	270	104	90	<20	54	0.15	<10	63	<10	10	314
10	G981096	5	<0.2	7.18	35	530	<5	2.15	<1	20	79	3	4.40	2.58	20	1.00	1303	5	0.16	14	1120	32	105	<20	126	0.42	<10	155	<10	15	349
19	G981105	5	<0.2	6.74	55	1755	<5	1.24	<1	7	87	13	2.43	3.21	30	0.63	743	4	0.17	6	490	32	60	<20	108	0.23	<10	49	<10	11	127
36	G981122	5	<0.2	6.33	20	895	<5	0.94	<1	5	78	10	2.21	2.85	30	0.59	551	3	0.09	5	430	36	55	<20	93	0.19	<10	47	<10	12	79
42	G981128	80																													
45	G981131	15	<0.2	5.91	35	490	<5	1.02	1	6	66	3	1.75	2.80	30	0.52	574	7	0.08	5	470	60	60	<20	66	0.18	<10	49	<10	10	254
46	G981132	840																													

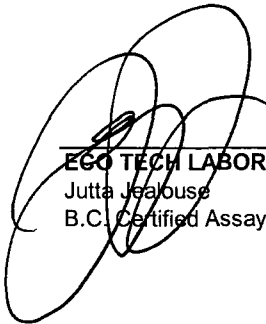
Resplit:

1	G981087	>1000	0.4	4.89	985	200	<5	0.93	8	5	87	6	1.82	2.07	20	0.47	846	9	0.09	12	260	94	95	<20	48	0.13	<10	59	<10	9	327
36	G981122	5	<0.2	6.26	20	835	<5	1.09	<1	5	79	8	2.05	2.71	20	0.57	514	3	0.08	5	400	34	50	<20	90	0.17	<10	43	<10	11	77

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																															
Stsd3			0.4	5.74	25	1360	<5	2.14	1	17	63	49	4.14	1.37	30	1.19	2543	6	1.15	32	1650	56	5	<20	267	0.34	<10	120	<10	32	202
Stsd3			0.4	5.83	25	1370	<5	2.27	<1	16	61	42	4.15	1.39	40	1.18	2532	6	1.12	31	1650	56	5	<20	264	0.34	<10	119	<10	32	203
SE29		590																													
SE29		595																													

Au: 30g FA - AA Finish
ICP : Total Digest - ICP/AES Finish
Ag : Total Digest- AA Finish

JJ/nw
df/td8078s
XLS/07



ECO TECH LABORATORY LTD.
Jutta Jealous
B.C. Certified Assayer

18 Jul-08

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AW 2008- 8081
Total Digest

Bushmaster Exploration
420 - 475 Howe Street
Vancouver, BC
V6C 2B3

Phone: 250-573-5700
Fax : 250-573-4557

No. of samples received: 33
Sample Type: Core
Project: BOW Creek
Shipment #: 2008BOW002C
Submitted by: D. Heon

Values in ppm unless otherwise reported

Et #.	Tag #	Au ppb	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	G981137	5	<0.2	6.98	30	1680	<5	3.08	<1	9	85	14	3.82	2.66	30	1.10	1771	2	0.22	16	840	52	45	<20	126	0.25	<10	70	<10	11	223
2	G981138	5	0.4	6.62	20	1510	<5	2.86	<1	7	81	18	3.19	2.46	30	0.92	1297	3	0.21	8	750	42	45	<20	135	0.27	<10	70	<10	9	122
3	G981139	10	0.2	6.62	15	2170	<5	2.10	<1	6	79	8	2.59	2.90	40	0.82	1099	4	0.23	7	570	46	50	<20	167	0.23	<10	56	<10	11	117
4	G981140	5	<0.2	6.11	20	1105	<5	1.38	<1	5	82	6	2.35	2.97	30	0.55	753	4	0.17	7	390	48	55	<20	109	0.19	<10	37	<10	9	128
5	G981141	10	<0.2	6.32	20	1005	<5	1.62	<1	3	58	2	1.75	2.85	20	0.55	483	4	0.17	4	420	34	50	<20	117	0.13	<10	44	<10	11	71
6	G981142	5	<0.2	6.64	15	2135	<5	2.30	<1	6	67	4	2.12	2.60	30	0.83	924	3	0.20	5	370	38	60	<20	163	0.15	<10	44	<10	10	113
7	G981143	5	0.4	6.92	40	2460	<5	3.33	5	13	66	15	4.06	2.36	50	1.00	1342	13	0.21	10	1520	116	85	<20	223	0.35	<10	135	<10	18	507
8	G981144	5	<0.2	7.23	30	880	<5	1.91	2	4	71	2	1.94	3.23	20	0.64	565	3	0.19	6	540	66	40	<20	109	0.17	<10	46	<10	12	184
9	G981145	5	0.2	6.98	45	1360	<5	1.54	3	5	66	6	1.88	3.35	20	0.58	470	3	0.21	6	530	74	40	<20	98	0.17	<10	48	<10	10	270
10	G981146	5	<0.2	6.60	20	905	<5	2.40	<1	5	108	16	2.66	2.97	30	0.74	1113	3	0.18	8	430	58	40	<20	98	0.19	<10	39	<10	10	195
11	G981147	5	<0.2	6.48	20	1145	<5	1.77	<1	4	90	24	2.12	3.06	20	0.61	731	4	0.18	5	480	60	35	<20	78	0.15	<10	32	<10	11	175
12	G981148	<5	<0.2	6.61	20	1480	<5	1.64	<1	4	93	20	2.12	3.04	30	0.69	802	2	0.17	5	370	54	60	<20	61	0.15	<10	34	<10	11	160
13	G981149	<5	0.2	6.82	20	1375	<5	1.35	<1	5	102	20	2.31	3.15	30	0.62	820	5	0.19	7	400	60	60	<20	78	0.17	<10	29	<10	11	213
14	G981150	635	1.2	7.76	15	650	<5	2.01	<1	15	24	5459	5.69	2.83	20	1.36	412	4	2.35	21	1100	36	5	<20	467	0.30	<10	128	<10	14	65
15	G981151	5	<0.2	5.17	35	1085	<5	1.75	30	5	93	15	1.67	2.41	30	0.72	638	5	0.14	5	250	226	65	<20	77	0.13	<10	29	<10	10	2092
16	G981152	5	<0.2	7.22	30	1085	<5	2.40	2	6	113	10	2.73	3.22	40	0.90	942	9	0.24	7	370	58	35	<20	116	0.20	<10	38	<10	13	236
17	G981153	<5	<0.2	7.18	20	995	<5	2.45	<1	4	82	13	2.35	2.80	20	0.85	787	5	0.22	5	620	50	50	<20	114	0.16	<10	33	<10	15	110
18	G981154	<5	<0.2	7.65	20	700	<5	2.35	<1	5	59	2	2.21	2.96	20	0.76	569	4	0.23	6	630	40	40	<20	111	0.19	<10	44	<10	14	79
19	G981155	<5	<0.2	7.50	15	935	<5	2.33	<1	5	70	3	2.10	2.84	20	0.88	472	3	0.23	6	550	42	45	<20	119	0.17	<10	52	<10	13	74
20	G981156	<5	0.2	7.70	15	815	<5	2.79	<1	4	57	9	2.07	2.87	20	0.83	504	4	0.28	6	590	36	35	<20	134	0.18	<10	53	<10	15	63
21	G981157	<5	<0.2	7.55	15	600	<5	2.59	<1	5	77	5	2.09	2.62	20	0.85	555	3	0.22	6	550	38	35	<20	119	0.16	<10	46	<10	14	64
22	G981158	<5	<0.2	7.20	20	760	<5	1.67	<1	4	64	4	1.81	2.81	20	0.68	555	4	0.23	5	510	36	35	<20	83	0.14	<10	41	<10	11	67
23	G981159	<5	<0.2	6.79	15	800	<5	1.51	<1	5	83	5	1.86	2.86	20	0.70	561	2	0.21	6	450	34	50	<20	78	0.13	<10	40	<10	10	68
24	G981160	<5	<0.2	6.73	15	990	<5	0.94	<1	3	84	30	1.58	3.02	30	0.32	298	4	2.28	7	450	38	<5	<20	241	0.28	<10	30	<10	14	38
25	G981161	<5	<0.2	6.66	35	750	<5	2.63	1	9	83	14	3.53	2.44	30	1.12	953	3	0.22	10	870	62	55	<20	152	0.26	<10	83	<10	17	142

Et #.	Tag #	Au ppb	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	G981162	<5	<0.2	6.50	50	1145	<5	1.83	16	5	68	4	1.87	2.68	20	0.71	584	5	0.19	6	420	220	65	<20	101	0.15	<10	41	<10	11	937
27	G981163	<5	<0.2	7.50	25	1360	<5	1.30	<1	2	64	2	1.28	2.95	<10	0.63	425	4	0.21	3	410	32	45	<20	72	0.12	<10	31	<10	3	84
28	G981164	<5	<0.2	6.19	50	1130	<5	1.97	8	4	58	3	1.67	2.42	20	0.80	546	6	0.15	6	370	126	95	<20	97	0.14	<10	44	<10	10	631
29	G981165	<5	<0.2	6.11	40	1435	<5	1.60	4	4	57	<1	1.53	2.76	20	0.67	422	3	0.18	4	430	62	35	<20	77	0.13	<10	38	<10	10	268
30	G981166	<5	<0.2	6.99	90	885	<5	1.77	5	5	56	<1	1.70	3.13	20	0.76	529	5	0.21	5	480	86	35	<20	89	0.15	<10	43	<10	11	458
31	G981167	<5	<0.2	7.12	55	835	<5	1.80	9	6	75	<1	2.15	2.85	20	0.72	766	4	0.20	7	580	118	40	<20	82	0.19	<10	43	<10	13	485
32	G981168	<5	<0.2	7.00	25	935	<5	1.50	<1	5	58	1	1.98	2.86	20	0.67	681	3	0.18	6	530	42	45	<20	83	0.18	<10	43	<10	12	117
33	G981169	320	0.8	6.93	10	770	<5	1.49	<1	7	19	3455	3.54	3.82	30	0.53	369	3	1.83	16	520	46	<5	<20	176	0.17	<10	44	<10	19	77

QC DATA:**Repeat:**

1	G981137	10	<0.2	7.17	25	1745	<5	3.03	<1	9	85	14	3.95	2.59	30	1.17	1827	3	0.21	16	860	58	50	<20	129	0.25	<10	76	<10	11	222
10	G981146	5	<0.2	6.64	20	895	<5	2.28	<1	5	107	17	2.51	2.99	40	0.73	1084	3	0.17	7	410	52	35	<20	96	0.18	<10	39	<10	11	191
19	G981155	<5	0.2	7.59	15	955	<5	2.30	<1	5	71	4	2.17	2.68	20	0.89	482	3	0.22	6	570	40	45	<20	119	0.18	<10	55	<10	14	75
28	G981164		0.2	6.07	50	1145	<5	1.88	8	4	59	3	1.56	2.37	20	0.81	526	6	0.15	5	360	126	85	<20	98	0.13	<10	44	<10	10	624

Resplit:

1	G981137	5	0.2	6.96	25	1685	<5	3.16	<1	9	100	13	4.02	2.38	30	1.15	1829	4	0.21	17	800	56	50	<20	125	0.24	<10	72	<10	11	243
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Standard:

Stsd3			0.6	5.83	25	1395	<5	2.47	<1	17	61	41	4.14	1.39	30	1.28	2527	5	1.12	31	1640	54	10	<20	261	0.34	<10	119	<10	32	201
Se29		595																													

Au: 30g FA - AA Finish

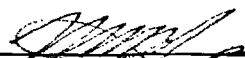
ICP : Total Digest - ICP/AES Finish

Ag : Total Digest- AA Finish

JJ/nw

df/td8081s

XLS/07


ECO TECH LABORATORY LTD.
 Jutta Jealous
 B.C. Certified Assayer

Hole No: 0867-21 p 16 / .

166.1
eoh.

note: def is altered $\approx$ SGP?

Hole No: 08 67-21

p 15

[illegible]

Project:		Zone:								logged by: D. Horn		Az: 320°		Dip: -50°		Length: 166.									
						Structure (interval/point)		Alteration		Mineralization		Veining					Samples								
From	To	Rx code	rx code modifier	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	mode of occ.	%	type	thickness mm	no/m	CA	Strike	dip	Sample no	From	To	Notes	
					L: 127.8-128.5: glassy greenish slimy (ser-alt?) dyke. loc broken + loc crushed.	UC		115	61												6981141	127.8	128.5		
					T: 128.5-128.65: gneiss crushed at contact w above dyke	crushed appearance																			
					128.5 gneiss rtd as before dyke, w 1-30cm bands of hornblende																6981142	128.5	130.4		
					L: 130.75-131.0: syenite - contact w gneiss sheared?																6981143	130.4	132		
					T: 131.3-131.7: crushed appearance	T: crushed																			
132	135.6	QFP	ser	ser-alt	yellow-greenish f.p. - mica porphyry, white qtz blebs? (pieces of gneiss?) soft altered, generally massive no fabric, py tr.					ser	M	py	miss	tr							6981144	132	133.5	dyke	
					some broken-crushed zones w 2-5 cm fr in clayey/sandy matrix.					clay	W										6981145	133.5	135.6	dyke	
					Lower contact untear																				
					T: crushed appearance: 134.3-134.4 135.2-135.4																				
135.6	147.3			Gneiss	Mottled altered + deformed greenish + greenish grey sericite-altered gneiss? w some yellow sericite? seams. w some loc broken crush zones loc equigr. f.g. felsic intrusive? w similar greenish alteration	fract fract	148 115	22 80	136.5 137m													46	135.6	137.6	
				ser-clay- altered						ser	M										47	137.6	139.6		
										clay	M										48	139.6	141.6		
																					49	141.6	143.6		
					136.4-137.1: T: crushed appearance	T: crushed															6981150	Standard		53 Pb	
					137.2-139.5: A.V. f.g. pale green equigranular felsic intrusive w white qtz veins at UC 30cm, green w 0.3 m of (quartz?) cut by sericite seams of sericite gneiss					ser	M				white qtz				025	20					

33

pass. It pink-cream sph?

Project: Freegold		Zone: Goldy								logged by: D. Hean		Az: 320°		Dip: -60		Length: 166.1								
						Structure (interval/point)		Alteration		Mineralization		Veining					Samples							
From	To	Rx code	rx code modifier	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	mode of occ.	%	type	thickness mm	no/m	CA	Strike	dip	Sample no	From	To	Notes
					L: 95.4-95.6: white to light grey fin. equigranular felsic dyke? (non-foliated), UC + LC 50° CA	contact	50														698116	94.8	96.8	
					V: 96.8-96.7: irregular 2-3cm med grey qtz (granular), veining or replacement										grey quartz	20-30		40	272	85	117	96.8	98.3	clay / crush
					T, A: strongly clay-altered, crushed appearance L: 97-98.3, some crushed grey qtz veining?																			
					A: 98.3-100.9: contact sericite-altered gneiss? w abundant dark spots / flakes -> biot-py clots? (few Ksp or augens) darker green: more intense sericite? ± chl? on foliation	ser				m		p1	dis	0.5							118	98.3	99.6	
					contacted banding cut by sericite planes					clay	m										119	99.6	100.9	
					V: Discordant thin chl veinlets and veinlets (≤1mm) at various CA (0° to 80°), spotty py clots in gneiss + in contact qtz veins																120	99.8	96.8	Duplicate of 698116
					V: 2 thin dk white + grey qtz veinlets (w py?) ~60° CA										dk + white qtz	1		60						
					V: white clayey tension gashes at shallow CA																			
					T: 101-101.05																			
					V, A: 101.4-102: irregular shallow qtz veins, discordant to foln 0.1m HW: flakes of musc-ser	CA				ser	m-I				qtz-ser			20						
					L: 102.1-102.2: clay-altered hornblende 'enclave'																			
					L: 102.2-102.45: massive to equigranular felsic dyke? cut by weak network of ser-chl veinlets																			

99.9
101.3
103.
104.6

Project: Freesold		Zone: Goldy										logged by: D. Hran		Az: 320		Dip: -60		Length: 186.1								
						Structure (interval/point)				Alteration		Mineralization			Veining					Samples						
From	To	Rx code	rx code modifier	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	mode of occ.	%	type	thickness mm	no/m	CA	Strike	dip	Sample no	From	To	Notes		
					banding? banding?																					
					V: 83.25-83.28: thin 1mm qtz vein 10° CA w serrated margins.										qtz	1		10				6981106	83.2	84.7		
					T: 83.6-83.9 T: 84.2-84.3: blocky crushed app. ↳ 35°																	107	84.7	86.45		
					A: 86.45-87.15: chl-ser alt. associated w qtz-(orbs?) veining).					chl	M											108	86.45	87.15		
					V: grey qtz veins 2-8mm - chl ± ser as alt halo. 86.75-87.15																	109	87.15	88.65		
					L: 88.9-89.2: yellowish greenish fg. equigranular f.g. quartz-feldspar? dyke? Similar to alteration as gneiss but w/o banding. Cut by thin chl-ser veins.																	6981111	88.65	90.15		
					L: 91.6-93.55: clay altered hornblende inter/banded? w Ksp-porphyritic spinel, v green chloritic spots in Ksp. xstls. Looks like gradual transition between hornblende + Ksp-vein rx. Looks like triple junction between spinel/gneiss/feldspar dyke @ 93.55					clay	M											113	91.6	93.55		
					L: 93.6-94.15: greenish fg. equigranular felsic dyke					ser	W												114	93.55	94.15	
					T, L, A: 94.15-94.8 strongly clay-altered crushed app. crushed zone					clay	S											6981115	94.15	94.8	clay msh	
					V: 94.5-94.55 crushed grey qtz veins? (2x)										grey qtz	3		50								

Geological log

[illegible]

Geological log

Hole No: 0864-21 p. 7 /

[illegible]

Project: Freegold		Zone: Goldy		logged by: D. Heur										Az: 320		Dip: -60		Length: 16.1m							
						Structure (interval/point)				Alteration		Mineralization		Veining					Samples						
From	To	Rx code	rx code modifier	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	mode of occ.	%	type	thickness mm	no/m	CA	Strike	dip	Sample no	From	To	Notes	
55	56.15			SGP	Dark irregular mottled v.ined + flooded SGP, and altered wall rv. Contorted dark siliceous bands in altered wall rv, gradually looks more like w a siliceous matrix (silicified?), 0.1m of massive siliceous dark breccia vein w st.g. dks sulph. Diss. Hb by py & fg asp needles throughout - in wall rv or Fr of wall rv					ser	M	py	D	23	SGP	1-5		45			G981082	55	56.15		
										sil	w-m	asp	D	1	"	100		?							
															Us:	1			148						
56.15	57.2			syenite	altered syenite (green Ksp, yellow plag, clayey hb) w diffuse siliceous alteration (or Fr of siliceous gneiss? for 0.35m)					ser	w-m	py	D	0.5							G981083	56.15	57.2		
57.2	60.8			Mineralized Syenite + SGP	shandy SGP 'altered' and veined SGP syenite w massive dk siliceous breccia-vein for 0.3m and abundant SGP veinlets + diss asp + py in greenish altered fast wall of (gneiss?) till 62.2					ser	M	py	D+S	2-3							G981084	57.2	58.4		
												asp	D	1-2								085	58.4	59.45	SGP A-vein + asp
																						086	59.45	59.9	
																									2008BOW002B
																						G981087	59.9	60.8	

										Hole no:	08 GY-21		Az:	320		Dip:	-60		Length:	166.1					
From	To	Rx code	Rx Name	Description	Structure			Alteration		Mineralization			Veining						Samples						
					Type	CA	Strike	dip	Type	intensity	mineral	habit	%	type	thickness mm	density	CA	Strike	dip	Sample no	From	To	Notes		
23	24.5	SYE	ox syen. /crush	oxidized + ground syenite, cherty /crush alteration - yellow-tan.	crush				ox	M											G981053	23	24.5		
24.5	27.6		SYE-WSR	Greenish c.s. syenite, w H green rim-sized Kspar. rusty to grey-brown altered hb, tan plg and white interstitial qtz. Hydrothermal? sphene					green	W	py	diss	1-2								054	24.5	25.9		
																					055	25.9	27.6		
				few H gray S(GP) ₂ breccia-veins 450A, two intervals w SR of hb, no silicification. Pass as w weak	SGP ₂									SGP ₂	2-10	1/m	45								
				LM25.9-26.3: weak SR in hb.					M1	→	py	diss	1-2												
				LM27.1-27.45: SR in hb, w pass asp.					M	→	py	diss	2-3												
									asp		py	diss	0.5								056	27.6	29.5		
27.6	29.5		syenite	cs, w green-altered matrix w blebs of sulph/hem/asp? rusty-tan plg/matrix. Loc. blocky, wcky fractures. Pinkish-grey fractured Kspars. Hb altered to grey-brown mica					chyl	W	py	diss	0.5	SGP string	1	5		315	60		057	29.5	30.5		
									ox	W															
29.5	30.5		syen w SGP	same syenite as above w gradual replacement of mafics by sulphides in HW of massive SGP breccia-vein: med-grey siliceous breccia w angular altered syenite fragments. Blocky sulphides in Fx + in altered hb in Fx. SGP ₂ ? Blocky cherty rubble at LC.					ser	VW	py	diss	1	SGP	50			20	at 30m		G981058	30.5	32.35		
30.5	35.6		syen	syenite, weak alteration + rusty fract sericite or epidote? -alt plg. common sphene					ser	VW				grey qtz	1	4/0.1m	30	at 32.4m			G981059	32.35	34.1		
				L: 34.2-34.4: weak SR in HW of grey qtz/chl band					chl	M				microxtal qtz	10		-40	at 32.6m			G981060	standard		53 Pb	
				Mn staining? along metamorphic fractures																	G981061	34.1	34.4		
				Imm grey SGP ₂ at LC																	1062	34.4	35.6		
				green to beige f.g. (mafic dyke) w 0.5m syenite envelope.	UC	40	342	70													1063	35.6	37.0		
35.6	37		and. dyke		LC	20	233	71						SGP ₂	10			40	342	70		G981063	35.6	37.0	dyke

Geological log

LITHO				SGP	D. Hean		Hole no:	08GY-21		Az:	320	Dip:	-60	p 21											
					Structure				Alteration		Mineralization			Veining			Samples								
					Type	CA	Strike	dip	Type	intensity	mineral	habit	min %	max %	type	thickness mm	no/m density	CA	Strike	dip	Sample no	From	To	Notes	
10.95	14.0																								
14.0	16.65	SGP	SGP (2)	DK gray siliceous and/or silicified SGP breccia vein containing broken Fx/xtals showing some layering w Fx/bands of darker gray SGP w s.f.g. sulph in a matrix of similar material but lighter gray and w no vis sulphides. Whole thing cut (and probably brecciated by) by white + rusty qtz, loc banded (chalcedonic). Includes mm-dm Fx of sericite-altered spenite, cut by thin SGP (or enclaves stringers, and 0.2m section showing intrusive texture w matrix replaced by sulphides (15.0-15.2m), and qtz-ser microveinlets. Oxidation along rusty fractures and later qtz veins	sil				M		py	D+S	5?		chalk qtz	1-10	1/m	60				6981044	14.0	15.4	SGP A-vein

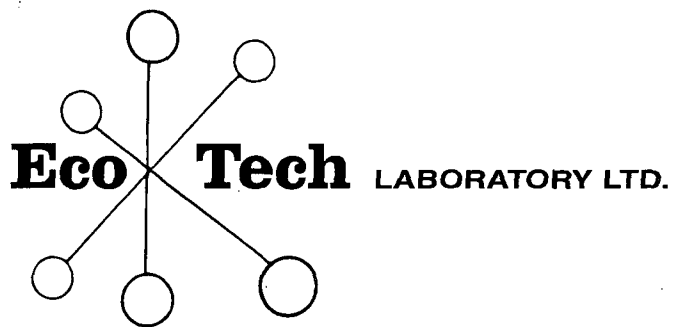
F_x : fragments
xtals: crystals

					length:	Hole no:	08 GY-2)		Az:	320°		Dip:	-60°		p/1V								
					Structure				Alteration		Mineralization			Veining					Samples				
From	To	Rx code	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	habit	%	type	thickness mm	density	CA	Strike	dip	Sample no	From	To	Notes
3.35	4.2		Regolith	Orange weathered clayey, possibly consolidated regolith, (decomposed syenite). Mn-staining					wrath	I										G981037	3.35	4.65	decomposed Rv
4.2	4.6		Clay	banded beige + greenish grey clay seam	UC	20	c	4.2m															
					LC	20	c	4.6m															
4.6	9.25		syenite SGP	rusty oxidized syenite, intrusive texture mostly obliterated by alt + silica/gp/laz/lpy veins/replacement, some host syenite-porphyritic texture (few greenish K-spar phenos (crossed by v. thin qtz strings)), 1-2mm milky white quartz. Syenite replaced? by qtz+gp+py in irregular mottled patches + along thin stringers; + cut by dk super-f.g. qtz-gp-py breccia-veins mm-sized felsic chills-brecciated? (tuffonite?) Totals SGP (breccia-vein+replacement) whole thing cut by irregular wavy fractures w/ rusty alteration, haloes; and mm buff dolom veinlet.					ox	M	py str <1 → asp diss tr lcl mn coat <1 py diss 1-2		SGP	1-50		20				G981038	4.65	6.2	35 cm of SGP
																				039	6.2	7.7	clayey, core loss in box
																				040	7.7	9.25	only 0.2% box 100%

Table Relating Sample Numbers to Intervals from Drill Hole 08GY-21

No.	Hole number	Interval From (m)	Interval To (m)	Length (m)	Sample Number	Remarks	Sample Method Split/Cut
1	08GY-21	3.35	4.65	1.30	G981037		split
2	08GY-21	4.65	6.20	1.55	G981038		split
3	08GY-21	6.20	7.70	1.50	G981039		split
4	08GY-21	7.70	9.25	1.55	G981040		split
5	08GY-21	9.25	10.95	1.70	G981041		split
6	08GY-21	10.95	12.20	1.25	G981042		split
7	08GY-21	12.20	14.00	1.80	G981043		split
8	08GY-21	14.00	15.40	1.40	G981044		sawn
9	08GY-21	15.40	16.65	1.25	G981045		sawn
10	08GY-21	16.65	17.85	1.20	G981046		split
11	08GY-21	17.85	18.55	0.70	G981047		sawn
12	08GY-21	18.55	19.70	1.15	G981048		split
13	08GY-21	19.70	20.50	0.80	G981049		sawn
14	08GY-21			0.00	G981050	blank	split
15	08GY-21	20.50	21.25	0.75	G981051		sawn
16	08GY-21	21.25	23.00	1.75	G981052		sawn
17	08GY-21	23	24.5	1.50	G981053		split
18	08GY-21	24.50	35.90	11.40	G981054		split
19	08GY-21	25.90	27.60	1.70	G981055		sawn
20	08GY-21	27.60	29.50	1.90	G981056		split
21	08GY-21	29.50	30.50	1.00	G981057		split
22	08GY-21	30.50	32.35	1.85	G981058		split
23	08GY-21	32.35	34.10	1.75	G981059		split
24	08GY-21			0.00	G981060	Standard 53 Pb	split
25	08GY-21	34.10	34.40	0.30	G981061		split
26	08GY-21	34.40	35.60	1.20	G981062		split
27	08GY-21	35.60	37.00	1.40	G981063		split
28	08GY-21	37.00	38.60	1.60	G981064		split
29	08GY-21	38.60	40.10	1.50	G981065		split
30	08GY-21	40.10	41.60	1.50	G981066		split
31	08GY-21	41.60	42.60	1.00	G981067		split
32	08GY-21	42.60	43.20	0.60	G981068		split
33	08GY-21	43.20	44.70	1.50	G981069		split
34	08GY-21			0.00	G981070	Standard	split
35	08GY-21	44.70	46.20	1.50	G981071		split
36	08GY-21	46.20	47.20	1.00	G981072		split
37	08GY-21	47.20	48.50	1.30	G981073		split
38	08GY-21	48.50	50.00	1.50	G981074		split
39	08GY-21	50.00	51.00	1.00	G981075		split
40	08GY-21	51.00	52.00	1.00	G981076		split
41	08GY-21	52.00	53.00	1.00	G981077		split
42	08GY-21	53.00	54.00	1.00	G981078		split
43	08GY-21	54.00	54.20	0.20	G981079		split
44	08GY-21	46.20	47.20	1.00	G981080	duplicate of G981072	split
45	08GY-21	54.20	55.00	0.80	G981081		split
46	08GY-21	55.00	56.15	1.15	G981082		split
47	08GY-21	56.15	57.20	1.05	G981083		split
48	08GY-21	57.20	58.40	1.20	G981084		split
49	08GY-21	58.40	59.45	1.05	G981085		split
50	08GY-21	59.45	59.90	0.45	G981086		split
51	08GY-21	59.90	60.80	0.90	G981087		split
52	08GY-21	60.80	62.20	1.40	G981088		split
53	08GY-21	62.20	62.90	0.70	G981089		split
54	08GY-21			0.00	G981090	Standard	split
55	08GY-21	62.90	64.20	1.30	G981091		split
56	08GY-21	64.20	65.35	1.15	G981092		split
57	08GY-21	65.35	66.30	0.95	G981093		split
58	08GY-21	66.30	68.60	2.30	G981094		split
59	08GY-21	68.60	70.70	2.10	G981095		split
60	08GY-21	70.07	72.00	1.93	G981096		split
61	08GY-21	72.00	73.60	1.60	G981097		split
62	08GY-21	73.60	74.90	1.30	G981098		split
63	08GY-21	74.90	76.90	2.00	G981099		split
64	08GY-21			0.00	G981100	blank	split
65	08GY-21	76.90	77.55	0.65	G981101		split
66	08GY-21	77.55	78.60	1.05	G981102		split
67	08GY-21	78.6	80.35	1.75	G981103		split
68	08GY-21	80.35	81.60	1.25	G981104		split
69	08GY-21	81.60	83.20	1.60	G981105		split
70	08GY-21	83.20	84.70	1.50	G981106		split
71	08GY-21	84.70	86.45	1.75	G981107		split
72	08GY-21	86.45	87.15	0.70	G981108		split
73	08GY-21	87.15	88.65	1.50	G981109		split
74	08GY-21			0.00	G981110	Standard	split
75	08GY-21	88.65	90.15	1.50	G981111		split
76	08GY-21	90.15	91.60	1.45	G981112		split
77	08GY-21	91.60	93.55	1.95	G981113		split
78	08GY-21	93.55	94.15	0.60	G981114		split
79	08GY-21	94.15	94.80	0.65	G981115		split
80	08GY-21	94.80	96.80	2.00	G981116		split
81	08GY-21	96.80	98.30	1.50	G981117		split
82	08GY-21	98.30	99.60	1.30	G981118		split
83	08GY-21	99.60	100.90	1.30	G981119		split
84	08GY-21	94.80	96.80	2.00	G981120		split
85	08GY-21	100.90	102.00	1.10	G981121		split
86	08GY-21	102.00	103.30	1.30	G981122		split
87	08GY-21	103.30	104.60	1.30	G981123		split
88	08GY-21	104.60	105.15	0.55	G981124		split
89	08GY-21	105.15	106.30	1.15	G981125		split
90	08GY-21	106.30	106.70	0.40	G981126		split
91	08GY-21	106.70	107.65	0.95	G981127		split
92	08GY-21	107.65	108.60	0.95	G981128		split
93	08GY-21	108.60	110.20	1.60	G981129		sawn
94	08GY-21	110.20	112.10	1.90	G981130		sawn
95	08GY-21	112.10	113.25	1.15	G981131		split
96	08GY-21	113.25	113.75	0.50	G981132		sawn
97	08GY-21	113.75	115.50	1.75	G981133		split
98	08GY-21	115.50	117.10	1.60	G981134		split
99	08GY-21	117.10	118.80	1.70	G981135		split
100	08GY-21	118.80	120.00	1.20	G981136		split
101	08GY-21	120.00	121.60	1.60	G981137		split
102	08GY-21	121.60	123.65	2.05	G981138		split
103	08GY-21	123.65	125.70	2.05	G981139		split
104	08GY-21	125.70	127.80	2.10	G981140		split
105	08GY-21	127.80	128.50	0.70	G981141		split
106	08GY-21	128.50	130.40	1.90	G981142		split
107	08GY-21	130.40	132.00	1.60	G981143		split
108	08GY-21	132.00	133.50	1.50	G981144		split
109	08GY-21	133.50	135.60	2.10	G981145		split
110	08GY-21	135.60	137.60	2.00	G981146		split
111	08GY-21	137.60	139.60	2.00	G981147		split
112	08GY-21	139.60	141.60	2.00	G981148		split
113	08GY-21	141.60	143.60	2.00	G981149		split
114	08GY-21			0.00	G981150		split
115	08GY-21	143.60	144.60	1.00	G981151		split
116	08GY-21	144.60	146.10	1.50	G981152		split
117	08GY-21	146.1	147.3	1.20	G981153		split
118	08GY-21	147.30	148.75	1.45	G981154		split
119	08GY-21	148.75	150.20	1.45	G981155		split
120	08GY-21	150.20	151.80	1.60	G981156		split
121	08GY-21	151.80	153.40	1.60	G981157		split
122	08GY-21	153.40	155.00	1.60	G981158		split
123	08GY-21	155.00	156.60	1.60	G981159		split
124	08GY-21			0.00	G981160		split
125	08GY-21	156.60	158.10	1.50	G981161		split
126	08GY-21	158.10	159.20	1.10	G981162		split
127	08GY-21	159.20	160.10	0.90	G981163		split
128	08GY-21	160.10	160.45	0.35	G981164		split
129	08GY-21	160.45	161.60	1.15	G981165		split
130	08GY-21	161.60	163.10	1.50	G981166		split
131	08GY-21	163.10	164.60	1.50	G981167		split
132	08GY-21	164.60	166.10	1.50	G981168		split
133	08GY-21			0.00	G981169		split

Appendix 1:
08GY-22



ASSAYING, GEOCHEMISTRY
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CERTIFICATE OF ASSAY AW 2008-8032

Bushmaster Exploration
420 - 475 Howe Street
Vancouver, BC
V6C 2B3

12-Jun-08

No. of samples received: 50
Sample Type: Core
Project: BOW Creek
Shipment #: 2008BOW003A
Submitted by: D. Heon

ET #.	Tag #	Au (g/t)	Au (oz/t)	Zn (%)
4	G982004	15.7	0.458	
7	G982007	1.28	0.037	
22	G982022			1.00
49	G982049	15.2	0.443	

QC DATA:

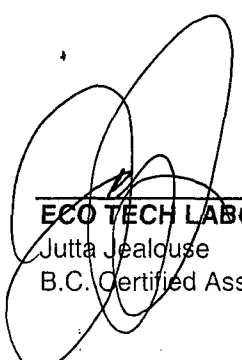
Repeat:

4	G982004	14.9	0.435
7	G982007	1.24	0.036
49	G982049	16.4	0.478

Standard:

Oxi67	1.80	0.052	
Pb129			2.01

JJ/nw
XLS/08


ECO TECH LABORATORY LTD.
Jutta Jealous
B.C. Certified Assayer

ECO TECH LABORATORY LTD.

10041 Dallas Drive

KAMLOOPS, B.C.

V2C 6T4

ICP CERTIFICATE OF ANALYSIS AW 2008- 8032

Total Digest

Bushmaster Exploration

420 - 475 Howe Street

Vancouver, BC

V6C 2B3

Phone: 250-573-5700

Fax : 250-573-4557

No. of samples received: 50

Sample Type: Core

Project: BOW Creek

Shipment #: 2008BOW003A

Submitted by: D. Heon

Values in ppm unless otherwise reported

Et #.	Tag #	Au ppb	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	G982001	35	0.8	5.77	175	1870	<5	0.37	4	15	98	12	3.26	1.82	20	0.39	1260	8	0.09	12	880	82	140	<20	90	0.25	<10	143	<10	13	572
2	G982002	25	0.6	6.42	120	1185	<5	0.24	5	17	82	11	3.87	2.19	30	0.33	1938	3	0.11	13	1000	58	120	<20	76	0.30	<10	164	<10	15	976
3	G982003	20	<0.2	6.67	145	1600	<5	0.26	5	9	81	3	3.54	2.01	20	0.33	886	4	0.11	9	1020	40	165	<20	88	0.29	<10	146	<10	11	703
4	G982004	>1000	2.4	6.39	4330	530	<5	0.07	49	4	75	10	2.71	2.12	20	0.23	71	28	0.13	24	630	860	135	<20	35	0.28	<10	158	<10	11	340
5	G982005	110	<0.2	6.31	720	1425	<5	0.23	12	4	74	4	2.93	2.22	20	0.24	268	12	0.12	10	950	42	180	<20	175	0.26	<10	128	<10	11	551
6	G982006	275	<0.2	6.37	870	1355	<5	0.20	12	4	89	5	2.86	2.21	20	0.21	128	14	0.13	11	1040	38	130	<20	219	0.31	<10	141	<10	12	445
7	G982007	>1000	0.6	5.56	1765	155	<5	0.17	40	12	82	13	3.37	1.79	20	0.20	90	29	0.12	16	930	186	160	<20	89	0.26	<10	144	<10	14	751
8	G982008	55	<0.2	7.33	420	3855	<5	0.18	8	7	90	7	3.11	2.57	30	0.17	214	15	0.18	9	1120	40	85	<20	355	0.34	<10	161	<10	11	505
9	G982009	20	<0.2	6.95	470	2230	<5	0.13	13	8	90	6	3.98	2.36	30	0.19	223	13	0.18	11	1000	30	105	<20	312	0.31	<10	160	<10	13	540
10	G982010	645	1.1	7.73	5	600	<5	1.78	<1	16	26	5463	5.26	2.79	10	1.35	410	4	2.01	16	990	34	<5	<20	476	0.28	<10	136	<10	13	62
11	G982011	20	<0.2	6.46	185	3090	<5	0.24	9	13	89	6	2.96	2.44	30	0.18	1110	12	0.18	10	1050	28	110	<20	319	0.30	<10	142	<10	14	800
12	G982012	35	<0.2	7.41	90	405	<5	0.59	7	15	89	6	3.49	2.65	30	0.28	1558	13	0.22	10	1240	36	120	<20	322	0.36	<10	173	<10	15	939
13	G982013	10	<0.2	6.45	30	675	<5	1.03	7	9	87	5	3.15	2.46	30	0.46	1992	2	0.20	8	1230	30	115	<20	302	0.36	<10	156	<10	14	737
14	G982014	485	0.4	6.59	290	320	<5	1.85	6	12	103	11	3.98	2.16	30	0.81	2033	6	0.15	11	1150	68	90	<20	270	0.33	<10	179	<10	18	570
15	G982015	20	<0.2	6.99	20	415	<5	1.44	2	13	119	6	4.36	2.62	20	0.62	2283	6	0.20	11	1110	36	80	<20	371	0.32	<10	168	<10	14	344
16	G982016	<5	0.2	7.94	50	305	<5	0.89	2	21	106	8	4.35	2.70	30	0.45	1591	1	0.24	13	1290	36	65	<20	405	0.38	<10	194	<10	12	226
17	G982017	<5	<0.2	7.20	10	1180	<5	1.40	1	8	73	2	3.49	2.37	20	0.59	1883	3	0.19	6	1190	36	130	<20	326	0.35	<10	166	<10	14	379
18	G982018	<5	<0.2	7.77	15	1635	<5	0.72	<1	8	96	3	3.26	2.51	30	0.35	1624	6	0.22	8	1300	30	85	<20	417	0.37	<10	179	<10	10	312
19	G982019	10	<0.2	7.36	30	430	<5	0.89	1	9	110	2	3.45	2.55	30	0.39	1888	13	0.22	8	1210	34	95	<20	373	0.34	<10	170	<10	12	538
20	G982020	10	<0.2	5.36	35	1365	<5	0.48	2	9	99	5	2.76	1.82	20	0.41	828	10	0.09	8	830	40	145	<20	124	0.25	<10	127	<10	14	588
21	G982021	45	2.4	5.68	65	305	<5	0.30	12	15	113	16	2.88	1.73	20	0.34	529	33	0.08	12	820	642	200	<20	57	0.27	<10	165	<10	15	1125
22	G982022	25	8.0	6.63	90	180	<5	0.39	164	20	113	20	2.84	2.36	30	0.31	582	17	0.14	17	980	3442	125	<20	74	0.29	<10	164	<10	11	>10000
23	G982023	<5	<0.2	6.70	10	930	<5	0.86	<1	4	88	23	1.75	2.57	40	0.35	327	6	2.16	8	430	32	<5	<20	242	0.21	<10	32	<10	18	43
24	G982024	<5	0.4	6.70	60	2225	<5	0.96	6	11	90	8	2.84	1.85	30	0.56	1484	<1	0.13	9	1020	168	110	<20	219	0.30	<10	164	<10	15	599
25	G982025	<5	<0.2	6.61	65	1745	<5	0.40	2	10	125	5	4.26	2.22	20	0.63	489	5	0.19	10	940	32	125	<20	376	0.28	<10	149	<10	9	283

ECO TECH LABORATORY LTD.

ICP CERTIFICATE OF ANALYSIS AW 2008- 8032

Bushmaster Exploration

Et #.	Tag #	Au ppb	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	G982026	5	<0.2	6.94	100	690	<5	0.76	4	17	116	7	4.19	2.68	30	0.53	1436	3	0.21	13	1130	38	110	<20	408	0.33	<10	167	<10	12	580
27	G982027	5	<0.2	5.94	65	1790	<5	1.56	6	10	89	2	3.40	2.11	30	0.74	2341	5	0.14	9	930	34	100	<20	246	0.28	<10	155	<10	16	580
28	G982028	<5	<0.2	7.20	60	2010	<5	0.95	4	9	97	4	3.89	2.27	30	0.57	1789	1	0.19	9	1180	32	90	<20	332	0.35	<10	178	<10	13	496
29	G982029	<5	<0.2	7.87	115	1210	<5	0.88	6	13	103	7	3.34	2.40	30	0.50	1365	7	0.26	10	1220	36	90	<20	478	0.37	<10	178	<10	14	367
30	G982030	<5	<0.2	6.42	60	1045	<5	0.65	1	3	106	3	2.54	2.34	20	0.40	907	4	0.20	5	1020	26	120	<20	410	0.32	<10	151	<10	11	118
31	G982031	10	<0.2	6.85	65	1280	<5	0.84	2	9	110	3	4.17	2.02	30	0.59	1204	3	0.18	9	1060	28	100	<20	325	0.32	<10	165	<10	14	190
32	G982032	<5	0.2	7.22	65	2070	<5	0.89	3	10	89	3	3.77	2.39	30	0.54	1623	3	0.20	9	1200	32	85	<20	360	0.35	<10	174	<10	13	450
33	G982033	<5	0.2	7.18	30	1230	<5	1.74	<1	11	87	2	4.09	1.82	30	0.76	2083	4	0.21	10	1190	32	80	<20	357	0.37	<10	181	<10	15	247
34	G982034	5	0.4	6.92	55	785	<5	0.91	3	10	98	3	3.37	2.24	30	0.49	1523	20	0.18	9	1120	32	110	<20	351	0.32	<10	157	<10	13	358
35	G982035	5	0.2	7.43	130	565	<5	0.64	2	12	96	8	4.24	2.41	30	0.79	1058	3	0.22	9	1180	32	80	<20	366	0.35	<10	175	<10	15	158
36	G982036	40	0.2	7.62	155	270	<5	0.72	3	10	101	5	4.64	2.69	30	0.81	520	4	0.34	11	2030	38	110	<20	435	0.39	<10	165	<10	15	201
37	G982037	710	0.4	6.57	205	250	<5	3.15	5	15	110	6	3.99	2.10	30	1.01	1634	5	0.25	12	1580	38	85	<20	311	0.32	<10	143	<10	15	172
38	G982038	35	<0.2	6.88	55	2335	<5	2.87	1	12	106	4	3.83	2.02	30	1.02	1680	2	0.27	11	1720	40	95	<20	392	0.33	<10	143	<10	16	271
39	G982039	5	<0.2	8.11	165	480	<5	0.75	4	11	123	6	4.79	3.89	40	0.80	771	<1	0.43	13	2180	40	70	<20	627	0.41	<10	184	<10	15	258
40	G982040	840	2.1	8.17	5	670	<5	1.70	<1	16	32	7507	5.80	2.11	20	1.23	380	1	2.66	30	1200	42	<5	<20	475	0.30	<10	133	<10	14	82
41	G982041	25	<0.2	7.42	95	425	<5	1.99	4	12	100	41	3.95	2.12	40	0.80	1193	4	0.30	11	2070	38	95	<20	403	0.39	<10	160	<10	15	229
42	G982042	25	<0.2	8.19	95	330	<5	0.72	2	16	107	12	4.18	2.31	30	0.71	305	5	0.36	13	2280	46	100	<20	521	0.43	<10	170	<10	11	209
43	G982043	55	<0.2	7.65	50	300	<5	1.96	1	14	120	11	4.14	1.78	30	0.78	1361	1	0.31	12	2060	42	105	<20	427	0.39	<10	156	<10	15	168
44	G982044	15	0.2	5.64	70	440	<5	1.58	2	8	95	5	2.76	2.06	30	0.53	1036	<1	0.18	8	1550	38	195	<20	319	0.29	<10	124	<10	11	235
45	G982045	5	0.8	7.98	35	575	<5	1.01	1	18	92	12	4.51	2.64	30	0.52	2403	1	0.27	15	2100	58	190	<20	137	0.39	<10	158	<10	10	856
46	G982046	525	0.4	7.56	55	410	<5	1.45	2	10	88	7	3.65	2.76	30	0.61	1369	3	0.25	10	2000	60	140	<20	208	0.37	<10	151	<10	12	628
47	G982047	10	0.4	7.24	125	195	<5	1.99	5	21	119	15	4.84	2.51	30	0.79	1778	4	0.25	15	2000	178	145	<20	206	0.40	<10	182	<10	16	704
48	G982048	630	0.4	6.73	320	140	<5	3.31	21	12	120	7	4.25	2.11	30	1.09	1190	20	0.20	13	1850	234	130	<20	217	0.36	<10	160	<10	17	1175
49	G982049	>1000	0.4	5.77	505	115	<5	4.84	19	11	126	6	3.97	2.58	20	1.27	1240	17	0.16	14	1520	130	100	<20	215	0.30	<10	139	<10	13	359
50	G982050	160	<0.2	5.11	90	600	<5	4.42	3	10	113	3	2.93	1.84	20	1.00	1155	4	0.10	10	1370	56	150	<20	148	0.25	<10	109	<10	11	208

QC DATA:**Repeat:**

1	G982001	25	0.8	5.80	180	1860	<5	0.36	4	15	100	14	3.26	1.83	20	0.39	1242	8	0.11	12	870	82	145	<20	89	0.25	<10	148	<10	14	553
6	G982006	245																													
11	G982011		<0.2	6.55	190	3095	<5	0.23	9	14	94	5	3.08	2.32	30	0.18	1107	11	0.16	10	1050	28	115	<20	326	0.30	<10	150	<10	15	818
14	G982014	430																													
19	G982019	5	<0.2	7.27	35	390	<5	0.87	1	9	107	3	3.39	2.36	30	0.39	1863	13	0.20	9	1190	34	90	<20	376	0.34	<10	176	<10	12	528
36	G982036	20	0.2	7.44	175	290	<5	0.70	4	10	103	4	4.53	2.70	30	0.85	520	4	0.32	11	2050	42	115	<20	444	0.39	<10	165	<10	17	201
37	G982037	700																													
46	G982046	465																													
48	G982048	590																													

Resplit:

1	G982001	25	0.8	5.79	180	1805	<5	0.35	4	16	90	12	3.43	1.92	20	0.40	1240	6	0.09	12	880	88	140	<20	92	0.25	<10	154	<10	13	587
36	G982036	25	0.2	7.86	165	245	<5	0.62	4	11	98	4	4.76	2.66	30	0.88	542	2	0.33	12	2100	42	125	<20	486	0.42	<10	171	<10	16	217

Et #.	Tag #	Au ppb	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																															
Stsd3			0.4	5.47	25	1240	<5	2.32	<1	16	60	37	3.97	1.27	30	1.14	2503	8	1.07	28	1720	46	<5	<20	232	0.31	<10	119	<10	31	198
Stsd3			0.4	5.73	26	1310	<5	2.40	1	16	66	40	4.12	1.40	40	1.25	2509	7	1.16	34	1710	52	<5	<20	228	0.35	<10	124	<10	32	207
SE29		595																													
SE29		610																													

Au: 30g FA - AA Finish

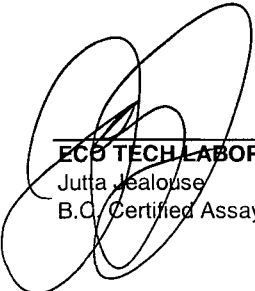
ICP : Total Digest - ICP/AES Finish

Ag : Total Digest- AA Finish

JJ/nw

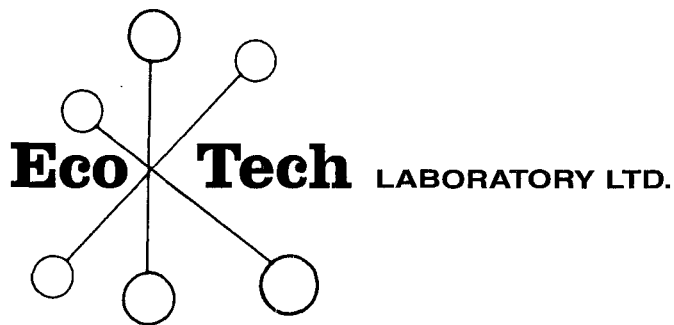
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XLS/07



ECO TECH LABORATORY LTD.

Jutta Jealous
B.C. Certified Assayer



ASSAYING, GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING
ISO 9001 Accredited Co.

10041 Dallas Drive, Kamloops, BC V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
E-mail: info@ecotechlab.com
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CERTIFICATE OF ASSAY AW 2008-8033

Bushmaster Exploration

23-Jun-08

420 - 475 Howe Street

Vancouver, BC

V6C 2B3

No. of samples received: 49

Sample Type: Core

Project: Bow Creek

Shipment #: 2008BOW003B

Submitted by: D. Heon

ET #.	Tag #	Au (g/t)	Au (oz/t)	Zn (%)
21	G982071	2.60	0.076	
23	G982073	5.20	0.152	
36	G982086			1.00
45	G982095	3.10	0.090	

QC DATA:

Repeat:

45	G982086	3.00	0.087	
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Standard:

HIslk2	3.50	0.102	
Pb129			2.00

JJ/nw
XLS/08


ECO TECH LABORATORY LTD.
Jutta Jealous
B.C. Certified Assayer

17-Jun-0

ECO TECH LABORATORY LTD.

10041 Dallas Drive

KAMLOOPS, B.C.

V2C 6T4

ICP CERTIFICATE OF ANALYSIS AW 2008- 8033

Total Digest

Bushmaster Exploration

420 - 475 Howe Street

Vancouver, BC

V6C 2B3

Phone: 250-573-5700

Fax : 250-573-4557

No. of samples received: 49

Sample Type: Core

Project: Bow Creek

Submitted by: D. Heon

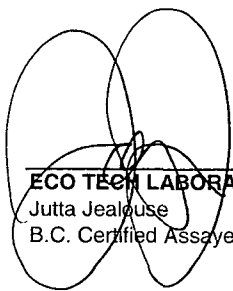
Shipment #: 2008 BOW 003B

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	G982051	<5	<0.2	7.01	45	1075	<5	3.34	1	16	117	5	4.62	1.59	30	1.13	2516	2	0.30	15	1780	64	85	<20	198	0.36	<10	149	<10	18	386
2	G982052	<5	0.8	7.51	20	1685	<5	1.07	<1	8	106	9	4.54	2.71	30	0.50	2096	<1	0.33	11	2160	90	155	<20	201	0.50	<10	142	<10	10	638
3	G982053	<5	0.2	7.07	20	1265	<5	1.80	<1	8	63	3	4.12	1.90	30	0.63	3182	3	0.31	9	1990	48	185	<20	224	0.49	<10	148	<10	12	381
4	G982054	<5	<0.2	6.42	20	705	<5	0.98	<1	9	89	2	4.30	2.10	30	0.56	2021	1	0.26	9	1510	38	100	<20	142	0.32	<10	164	<10	10	372
5	G982055	5	0.4	6.30	30	2165	<5	1.78	<1	13	78	4	5.80	2.19	30	0.84	2878	<1	0.21	13	1620	38	110	<20	125	0.34	<10	157	<10	17	513
6	G982056	<5	<0.2	6.15	20	1010	<5	1.57	<1	9	94	4	4.97	3.11	30	0.75	1707	<1	0.25	11	1600	38	95	<20	229	0.33	<10	144	<10	14	370
7	G982057	5	0.4	8.35	30	2140	<5	1.00	<1	14	88	7	6.41	2.03	40	0.65	1646	<1	0.28	13	2170	58	105	<20	152	0.45	<10	176	<10	15	438
8	G982058	5	0.4	7.33	50	1550	<5	1.85	1	12	81	2	4.86	1.93	30	0.83	2303	<1	0.30	13	2000	60	85	<20	163	0.41	<10	157	<10	17	510
9	G982059	<5	0.6	8.85	125	930	<5	0.65	7	14	67	4	6.91	2.30	40	0.63	1446	<1	0.33	15	2280	148	135	<20	100	0.46	<10	185	<10	17	477
10	G982060	<5	<0.2	7.93	75	410	<5	1.09	<1	14	78	3	5.64	2.00	40	0.64	1595	<1	0.30	15	2140	62	100	<20	175	0.47	<10	169	<10	16	206
11	G982061	<5	0.4	8.33	70	1020	<5	0.67	<1	19	64	4	4.58	2.07	40	0.52	805	<1	0.32	14	1960	54	95	<20	200	0.35	<10	143	<10	12	147
12	G982062	<5	0.2	8.38	70	1250	<5	1.61	<1	10	65	2	3.66	0.81	40	0.76	913	<1	0.12	10	1970	54	70	<20	161	0.34	<10	148	<10	14	95
13	G982063	<5	0.4	8.39	75	890	<5	0.54	<1	11	58	2	3.81	1.83	40	0.55	537	<1	0.30	11	2310	64	120	<20	105	0.44	<10	171	<10	13	175
14	G982064	<5	0.2	8.53	100	305	<5	0.57	<1	11	95	1	4.80	1.89	40	0.52	850	<1	0.26	12	2510	78	125	<20	104	0.44	<10	166	<10	13	279
15	G982065	<5	1.0	7.51	155	605	<5	2.02	1	15	55	4	5.93	1.83	40	0.88	2817	<1	0.28	15	2110	106	80	<20	149	0.37	<10	172	<10	19	417
16	G982066	185	0.4	6.41	180	280	<5	2.37	3	20	54	9	3.75	1.70	30	0.97	1260	<1	0.20	20	1550	100	100	<20	145	0.38	<10	133	<10	19	329
17	G982067	95	0.2	5.22	115	310	<5	5.47	<1	13	55	6	4.00	2.37	20	1.56	2689	<1	0.17	14	1220	44	90	<20	203	0.29	<10	121	<10	20	176
18	G982068	90	<0.2	5.77	140	285	<5	4.78	1	14	54	12	3.97	2.19	20	1.52	1616	<1	0.20	13	1430	68	80	<20	258	0.30	<10	128	<10	19	231
19	G982069	385	0.6	5.47	320	160	<5	3.19	15	12	56	14	3.62	1.49	20	1.14	1373	7	0.18	14	1320	238	120	<20	148	0.27	<10	126	<10	17	1042
20	G982070	<5	<0.2	6.32	20	930	<5	0.93	<1	3	97	21	2.60	1.83	40	0.33	324	7	2.21	9	470	38	<5	<20	240	0.28	<10	26	<10	15	60
21	G982071	>1000	0.6	6.91	280	195	<5	2.30	21	15	56	16	3.65	1.77	30	0.91	916	5	0.23	21	1580	342	95	<20	129	0.39	<10	123	<10	17	1411
22	G982072	775	0.4	6.57	250	285	<5	1.35	17	9	68	9	3.40	2.01	30	0.69	719	4	0.22	10	540	162	50	<20	50	0.22	<10	55	<10	9	900
23	G982073	>1000	5.6	3.38	430	200	<5	0.95	165	27	105	20	3.33	1.62	20	0.31	484	14	0.08	22	730	2458	140	<20	91	0.14	<10	71	<10	9	7630
24	G982074	505	<0.2	6.34	165	540	<5	2.09	35	6	98	5	3.40	1.86	30	0.85	770	6	0.19	8	400	262	45	<20	72	0.20	<10	55	<10	10	2113
25	G982075	565	0.2	5.30	840	110	<5	3.04	54	21	96	9	6.11	2.20	30	1.08	1480	8	0.17	32	2060	318	90	<20	129	0.48	<10	154	<10	24	2683
26	G982076	15	<0.2	7.24	20	935	<5	3.81	<1	10	67	6	4.88	1.52	30	1.35	2182	<1	0.31	12	1820	44	35	<20	253	0.35	<10	145	<10	16	167
27	G982077	10	<0.2	6.78	20	1710	<5	3.34	<1	11	67	5	3.77	1.56	30	1.24	1959	<1	0.29	10	1670	36	35	<20	291	0.35	<10	133	<10	16	68
28	G982078	20	0.6	7.05	30	750	<5	1.97	1	14	75	7	4.23	1.66	30	0.77	1338	14	0.24	12	1570	114	105	<20	176	0.32	<10	124	<10	13	405
29	G982079	50	0.4	4.55	25	235	<5	0.10	1	4	106	13	1.52	1.74	20	0.22	111	120	0.12	4	220	46	130	<20	37	0.12	<10	31	<10	6	126
30	G982080	610	1.4	7.25	5	645	<5	1.77	<1	15	22	5572	5.66	1.65	20	1.33	422	4	2.53	17	1090	46	<5	<20	455	0.30	<10	128	<10	15	68

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
31	G982081	235	2.0	4.69	165	110	<5	0.50	36	8	116	28	3.05	1.49	20	0.28	297	127	0.08	12	740	460	290	<20	46	0.22	<10	61	<10	10	2025
32	G982082	10	<0.2	7.15	75	255	<5	2.36	8	5	92	4	3.12	1.65	20	0.86	1108	6	0.15	7	450	92	75	<20	86	0.21	<10	43	<10	10	514
33	G982083	80	3.4	4.81	260	85	<5	2.04	184	16	128	18	3.83	1.42	20	0.65	939	56	0.12	25	1130	3350	250	<20	74	0.31	<10	97	<10	20	9316
34	G982084	190	4.2	4.77	95	190	<5	1.52	24	6	120	10	3.26	1.54	20	0.56	1501	17	0.09	9	260	2938	180	<20	33	0.13	<10	30	<10	8	1641
35	G982085	20	7.6	6.83	225	100	<5	3.81	101	22	101	26	5.51	1.40	30	1.10	1916	34	0.21	25	1840	2326	130	<20	126	0.34	<10	121	<10	19	4686
36	G982086	75	3.0	5.61	405	110	<5	2.03	191	15	114	16	3.78	1.14	20	0.69	1244	49	0.12	29	1250	3312	250	<20	77	0.38	<10	102	<10	19	9942
37	G982087	25	0.4	8.12	215	235	<5	1.86	7	7	132	5	3.82	1.43	30	0.72	876	4	0.17	12	500	192	60	<20	95	0.23	<10	44	<10	9	883
38	G982088	230	<0.2	4.54	135	190	<5	0.90	9	4	115	6	2.56	1.05	30	0.41	367	19	0.11	6	260	116	90	<20	67	0.12	<10	34	<10	8	897
39	G982089	5	<0.2	6.95	255	250	<5	1.12	3	4	123	10	3.45	1.44	20	0.45	811	4	0.15	9	350	62	85	<20	71	0.18	<10	30	<10	8	254
40	G982090	855	1.8	7.47	5	615	<5	1.57	<1	16	28	7459	5.05	1.74	20	1.16	414	2	2.47	28	1090	40	<5	<20	433	0.29	<10	114	<10	14	80
41	G982091	35	<0.2	5.55	100	580	<5	0.83	3	5	99	29	3.03	1.17	30	0.51	739	7	0.17	6	300	46	70	<20	66	0.14	<10	34	<10	8	192
42	G982092	25	<0.2	8.02	80	1645	<5	1.42	<1	6	83	4	3.86	1.09	30	0.80	1099	<1	0.19	8	590	48	40	<20	134	0.20	<10	52	<10	11	214
43	G982093	<5	0.2	6.76	10	1070	<5	1.27	<1	5	98	18	3.25	1.48	30	0.62	1026	6	0.20	6	300	48	45	<20	132	0.14	<10	32	<10	9	122
44	G982094	540	<0.2	7.67	260	1385	<5	1.20	1	6	114	4	3.64	1.17	30	0.61	1205	7	0.19	9	400	52	60	<20	112	0.18	<10	41	<10	9	194
45	G982095	>1000	0.8	6.49	435	95	<5	2.81	42	14	105	10	4.85	1.90	20	1.06	1487	14	0.23	19	1780	530	85	<20	200	0.33	<10	160	<10	17	1907
46	G982096	5	<0.2	6.50	20	3035	<5	2.71	3	10	86	1	4.21	1.05	20	1.00	2190	11	0.21	13	2030	102	125	<20	196	0.34	<10	151	<10	17	500
47	G982097	275	0.2	5.87	110	1900	<5	1.13	4	5	91	3	2.60	1.02	20	0.50	635	8	0.17	7	500	66	80	<20	99	0.13	<10	43	<10	10	199
48	G982098	<5	<0.2	5.86	15	670	<5	0.93	<1	5	80	1	2.40	1.14	20	0.49	605	2	0.15	6	480	46	65	<20	86	0.14	<10	39	<10	10	108
49	G982099	5	<0.2	4.14	15	1335	<5	0.84	<1	5	127	3	1.82	1.35	10	0.39	460	10	0.08	6	340	40	135	<20	87	0.10	<10	34	<10	8	91
QC DATA:																															
Repeat:																															
1	G982051	<5	<0.2	7.07	55	1065	<5	3.55	1	17	109	4	4.48	1.63	30	1.12	2530	2	0.27	14	1780	62	85	<20	198	0.36	<10	148	<10	18	390
10	G982060	<5	0.2	7.85	60	405	<5	1.07	<1	13	80	3	5.69	2.00	40	0.63	1509	<1	0.29	13	2030	62	90	<20	172	0.44	<10	166	<10	16	202
19	G982069	410	0.6	5.61	285	175	<5	3.05	17	13	58	13	3.55	2.18	20	1.16	1413	9	0.17	16	1530	274	135	<20	150	0.35	<10	127	<10	17	1118
22	G982072	750																													
24	G982074	500																													
36	G982086	75	2.8	5.77	375	120	<5	2.05	192	16	131	17	4.57	1.28	20	0.69	1268	51	0.12	28	1280	3298	255	<20	77	0.39	<10	101	<10	21	9993
44	G982094	580																													
Resplit:																															
1	G982051	<5	<0.2	6.89	60	990	<5	3.77	2	17	110	4	4.17	1.34	30	1.16	2630	2	0.26	17	1910	70	90	<20	199	0.45	<10	147	<10	18	408
36	G982086	75	3.0	5.47	325	120	<5	2.34	211	18	134	16	4.24	1.13	20	0.71	1218	51	0.10	29	1320	3234	250	<20	76	0.36	<10	104	<10	21	9908
Standard:																															
Stsd3			0.4	5.82	25	1300	<5	2.45	1	17	58	41	4.17	1.35	30	1.21	2612	8	1.11	36	1600	50	<5	<20	243	0.34	<10	112	<10	30	205
Stsd3			0.5	5.76	30	1345	<5	2.37	2	15	62	43	4.12	1.37	40	1.26	2502	7	1.15	33	1570	58	<5	<20	252	0.33	<10	120	<10	33	202
SE29		595																													
SE29		595																													

Au: 30g FA - AA Finish
 ICP : Total Digest - ICP/AES Finish
 Ag : Total Digest- AA Finish


 ECO TECH LABORATORY LTD.
 Jutta Jealous
 B.C. Certified Assayer

L = Lithology

					Hole no:	086Y-22				Az:	318			Dip:	-50					p 1 / 7					
					Structure				Alteration		Mineralization			Veining					Samples						
From	To	Rx code	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	habit	make of fr.	%	type	thickness mm	agg no./m. density	CA	Strike	dip	Sample no	From	To	Notes	
2.84	8.34	Syn	WEATHERED	SYENITE - Unit light br + pale gr. in colour. Primary texture is Intrusive syenite, but unit is m-i fract. and has a minor bx texture also. Alteration includes limonitic, sericitic/chloritic + is patchy w overprinting. Fractures (natural) heavily coated w MnOx (pyrolusite). Thin whitish yellow veinlets, mainly oriented are frequent throughout, soft & clay bearing typically → feldspar or plagi originally? L.C. is sharp @ 45° to C.A., planar wavy, S: 7.11 - 7.21; possible flt. gouge @ 20° to C.A.	contact (lower)	45	040	66'	chl./ser. lim	w-m	MnOx	coat.	as fractures	≤ 1	plagi/flsp?	~1mm	~50	rdm				G982001	2.84	4.84	
																					G982002	4.84	6.84		
																					2003	6.84	8.34		
8.34	9.10	SGP	Dk SGP Zone	Color becomes dull metallic dy white + translucent gr. Protolith is generally unknown, but poss. remnant syn. text visible. Unit is ^{partly} silicified with clear qtz, sometimes mixing w gy qtz. Gy qtz generally occurs as bands/stringers 45-70° to C.A. Sulphide bearing. Possible replacement of syntect mafics w sulphides (partial). Unit is m. fract. w lim. staining - Syms that are less silicified are softer + contain ↑ [clay]. Sulphides → pyrite (major) and lightly diss. to small blebs. L.C. gradual, No plane	frac. set.	120	085	40	Silica ser./chl.	w-m	pyrite	diss	blebs	~2%	gy qtz	~1cm	~30	45				2004	8.34	9.10	
				(gy qtz + sulphides?) gp. soft iron not visible w halos. super f.g.																					
9.10	11.31	Syn.	WEATHERED	SYENITE - Same as unit 2.84-8.34. Very little diff. → less MnOx. V: 10.68-10.8; Parallel banded white, clear, dirty (clay?) qtz. Planar w minor wavy/mixing contacts. V: 11.08. Qtz vein, 2cm thick, zoned. Outside white qtz, inside gy qtz w trace ~2% diss sulph. L.C. Abrupt. Planar, appears to be					chl./ser. lim	w-m	MnOx	coat.	as fracs.	<1%	Plagi/flsp?	~1mm	30.	rdm or parallel to C.A.				2005	9.10	10.07	
					Contact/Vein	150	195	28										150	178	24	2006	10.67	11.31		
												Sulph.	diss	tr. ~2%	V: 11.08	2cm	1	100	236	04					

L.C. Abbrvt. planer, appears to be an Alt. cont. instead of a litho one

Geological log

												Hole no:	Az:		Dip:		p 2 / 7						
					Structure				Alteration		Mineralization			Veining					Samples				
From	To	Rx code	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	habit	%	type	thickness mm	density	CA	Strike	dip	Sample no	From	To	Notes
11.31	12.08	SGP	SGP Zone	Very similar to Unit 8.34-9.10. Several differences are noted: - higher degree of silicification (m-s) - L _s to C.A. are less (25°) L.C. is abrupt & planar to 25° to → C.A.	Contact.	170	220	20	Silicification m-s		pyrite	diss. + blebs	1-2	dk sap vein brecciating vein	2cm	1	25	220	50	2007	11.31	12.12	
12.08	18.28	Syn	WEATHERED SYENITE	Same as units: 2.84-8.34 + 9.10-11.31 Poss. flt. gauge. @ 16.4m, 15cm thick. L.C. Gradual No plane.	flt.	30	194	70	chl/ser	w-m	MaOx	coat on fr.	<1%	flag/flap?	~1mm	30	rdm. or to C.A.			2008	12.12	14.19	
									lim	m							05	156	82	2009	14.19	16.19	
																	15	205	62	2011	16.19	18.28	
																				2010	STP H16H	53 Pb	
18.28	20.81	SGP	SGP Zone	Same as previous intervals: color: dull metallic gr. white & light green. Pentolith likely syenitic. Unit is lightly silicified w/ clear qtz mixing w/ gy qtz. As stringers & bands. Difference: Extreme - int. fracturing (Fault zone?). Lim alt. mod. Veins + mtr often broken up. ↑ clay content → ↑ clay/ser. bearing alt. (strong).					Silicif. w-m		pyrite	diss	1	dk sap vein	1-10	10	30-45 + variable			2012	18.28	19.78	
									chl/ser	str.	gp	sfq	1	cl. qtz	1-5	10	30-45 + variable			2013	19.78	20.71	
											140	146	32				140	146	32	2014	20.71	22.07	
20.81	28.17	SYN SR	SYENITE SR	color is gy, light gr. & creamy white. Texture - intrusive, coarse gr. w/ megacrysts (k-fisp) - K-fspar - 25-40%, 3x3cm avg. pink to light gr. subhedral - Matres (amphiboles) - 15% 0.5cm-1cm avg., euhedral, dk green- gy - Plag - 25-30%, 3mm-5mm avg, subhedral white - lt. green Unit is mod. fractured w/ rusty (lim.) coatings. Alt. is chl/ser in the w range. White, gy (SGP) & both mixed thin veinlets frequent through out. Rdmly oriented. (1-10mm)	frac.	70	55	78	chl/ser	w	lim	coat on frac	<1%	sgp cl. qtz	1-10	5	140	102	64	2015	22.07	23.23	
					frac.	80	138	40			py.	rep.	<1				150	205	40	2016	23.23	24.40	
																				2017	24.40	25.65	
																				2018	25.65	26.87	
																				2019	26.87	28.17	

Mafic minerals generally have some degree of sulphide replacement (pyrite 1%) but is variable.
L.C. sharp wavy planar

Contd 20-30 125 36

Geological log

[illegible]

Geological log

Hole no:												Az:		Dip:		p4 / 7								
				Structure				Alteration		Mineralization			Veining					Samples						
From	To	Rx code	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	habit	%	type	thickness mm	density	CA	Strike	dip	Sample no	From	To	Notes	
				S: 42.46-43.71 FAULT ZONE Strongly broken up rock with segments of flt. gouge. 30 cm thick flt. gouge Sxn contains clasts of SP6 + Syenite SR, Neither of which occur on either side of contact.	LC	55																		
				M: 46.72-47.0 SYN SR, sulphide replacement of Maties partial to complete. Silicification intensifies + colour becomes "black + white". Contacts gradual (over 3cm). Two stringers (1cm thick) of SP6 occur.					Silicif. Ser.	w w	py.	rep. of mat.	5%	SP6	10	1	45							
56.72	59.95	SYN	SYENITE ALT-	Syenite protolith the same as previous unit but several differences: 1.) Looks bleached, the colour is much lighter, chalky gy + light green + white. 2.) Alteration. Clay content ↑ and so does sericite (strong). M: 58.48-58.98 Minor SR of maties? —————→ SP6 SR? maties 2%? UPPER contact is sharp + planar w a 5cm thick white + clear qtz. @ 75° to CA. SP6 stringers rdly oriented on occasion through out. Avg. 1mm. Sometimes carries diss. pyrite (tr).	UP. C.	75			clay/ser m		Py.	diss + str.	tr.	SP6 Stringers	1mm	3	rdm	?	?		2045 2046 2047	56.86 58.48 58.98	56.48 58.98 59.95	Syn SR ?
59.96	60.91	SP62	SP62-	SR-VEIN-BX. - Color of unit is white, gy + + lightgy. Texture is variable from SYN SR to Vein to Bx. Alteration + Mineralization begin/ change slowly (gradually) @ upper Contact. Silicification is w-m finishing off as a strongly silicified bx. Mineralization occurs as partial + total rep. of maties in syenite, as blebs + as finely disse. xls in Kfs + bxs.	FRAC	105	085	20	Silica	w- m	pyr.	blebs + diss. needles	1-3%	SP62 SP6 str.	1-10 1-3	5 10	85	085 240 174 048 063	20 39 70 21 58		2048 2049 2050	59.95 60.48 60.76	60.48 60.76 60.91	SP6 SR SP6 VEIN SP6 BX

This was called SP62 because there is more clear qtz than smoky/gy qtz (graphite rich)
Ratio cl:dk is 9:1. Sulphides consist of pyrite w trace asp. L.C. GRADUAL NOPLANE Photo Taken @ 60.80

Geological log

														Hole no:				Az:			Dip:	p5 17				
					Structure				Alteration		Mineralization			Veining						Samples						
From	To	Rx code	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	habit	%	type	thickness mm	density	CA	Strike	dip	Sample no	From	To	Notes			
60.91	85.07	SYN	SYENITE-Alt.	Colour of unit is whitish lt. gy w xls of lt. gr./white (amphiboles) Texture is (was) C.G. intrusive syenite. Strong alt. (clay bearing) has rotted the rock giving it a bleached appearance + a pseudo-gauge texture. Sxn crumbles easily - moderately. Occasional - rare gy dull thin stringers, non silicified 1-5 mm thick, (S)PG? Rdmlly oriented. Rock is moderately fractured (?) but could be drilled in red due to the soft nature of the rock. Mineralogy (original) similar to above syenites but difficult to estimate due to altered state. Several cave in Sxns (Do Not Sample) @: 1) 69.49-m 2) 76.20 m 3) 77.72-m	FRAC	140	189	12	clay ser?	s w						(S)PG CGP	1-5 mm	3	rdm				G982051	60.91	62.48	
																	115	310	72	2052	62.48	64.00				
																	40	008	78	2053	64.00	66.00				
																	45	040	90	2054	66.0	67.52				
																	35	350	68	2055	67.52	69.49	~50% calc loss			
																				2056	69.49	71.32				
																				2057	71.32	73.15				
																				2058	73.15	75.12				
																				2059	75.12	76.20				
																				2060	76.20	77.72				
																				2061	77.72	78.55				
																				2062	78.55	80.46				
																				2063	80.41	82.00				
																				2064	82.00	83.82				
																				2065	83.82	85.07				
86.07	92.76	(S)PG CGP	(S)PG-VEIN-Bx	Upper contact is gradual. Sxn consists of both Alt. syenite (above) + subpxns of (S)PG. Little or no silicification occurs. Colour of rock varies from white lt. gy (alt. syenite) to dk gy (S)PG. Textures are variable: from C.G. intrusive, clay alt syenite to (S)PG mtx rep., veins + stringers, and as Bx's. Interplay b/w units is both gradual + sudden. Veins + stringers, and Bx tend to be sharper then the more gradual mtx rep. contacts. Rock is moderately fractured. S.f.g. sulphides + graphite occur in (S)PG. Veins are irregular and vary in thickness from 1-25 mm. Bx clasts are angular, variably sized and consist of alt. syenite. LC. Gradual, No plan.	FRAC	110	098	36	Silic. Clay ser.	tn s w	sulph. gr.	s.f.g. stg	2-5% 2-5%	(S)PG CGP	1-35	20	rdm					2066	85.07	86.35		
					Alt. Cont.	170	134	78									170	170	65	2067	86.35	87.83				
																	005	320	88	2068	87.83	89.51				
																	15	203	60	2069	89.51	90.50				
																	125	130	50	2070	BLANK	BLANK				
																				2071	90.50	91.22				
																				2072	91.22	92.07				
																				2073	92.07	92.76				

(S)PG to Alt Sy. Ratio 50:50

Photo. of → Bx texture taken @ 90.25

Geological log

Hole no:														Az:		Dip:		p 17						
					Structure				Alteration		Mineralization			Veining						Samples				
From	To	Rx code	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	habit	%	type	thickness mm	density	CA	Strike	dip	Sample no	From	To	Notes	
92.76	99.30	SYN	SYENITE-ALT	Same as unit 60.91 - 85.07: (more or less identical) except greyish (S) PG mtx repl. @ 94.60 to 94.95					clay Ser.	S w				(S) PG	1-5	3	rdm			6982074	92.76	94.60		
																				2075	94.60	94.95	(S) PG	
																				2076	94.95	96.60		
																				2077	96.60	97.53		
																				2078	97.53	99.30		
				M: 94.60 - 94.95 Unit becomes ~~lt~~ dull gy in colour looks like (S) PG mtx repl.					clay Ser.	M tr	sulph gr.	sfgr sfgr	2-5 2-5											
99.30	100.1	GR SCH?	(Greenall. sch.)	Colour of unit is a lt. partly transparent green. Texture consists of subtle rough banding often broken or distorted. Green colour likely due to sericite. Grain sizes f.g. to larger qtz (0.3mm x 0.5mm). Mineralogy difficult to tell: lt gr/br. mineral 30-40%, sericite, clay altered amphibole? (2mm x 2mm) - Qtz 15-20% 1mm - 5mm anhedral - Fspars could be plag or K-spar hard to tell, probably mainly K-spar w sericite + minor clay 1mm - 5mm. - Tr. Pyrite. Stringers of cl. qtz + SPG occur @ rdm orientation SPG intensifies near lower contact (granul)	ser clay				m w		pyr. diss.	tr.		cl. qtz SPG	1-3 1-5	5 10	rdm rdm			2079	99.30	100.1		
																				2080	H16A	STD	OREAS 53 PR	
100.1	104.20	SPG	SPG VEIN	Bx GR SCH. - Unit bounces in and out of the GR Sch. & SPG. Colour varies from lt. transparent gr to dk gy-black. Texture varies from same as above to wavy fingering veins of SPG + large veins that are brecciating. (Bx text) Contacts are sharp and wavy. Mineralization varies pending on which str we are in. SPG has s.f.g sulphide to f.g. sulphide + s.f.g graphite. Rock is moderately-weakly fractured. Overall ratio of Gr.Sch. to SPG is est. @ 60:40. Rich SPG zones >70% are noted @ M: 100.1 - 100.5 SPG VEIN. Bx					ser. clay Silic.	w-m v.v w-m	pyrite fg gr.	sfgr fg sfgr	1-7 1-5								2081	100.1	100.5	
																				2082	100.5	101.60		
																				2083	101.60	102.33	DUPLICATED	
																				2084	102.33	103.15		
																				2085	103.15	104.20		
																				2086			DUPLICATE OF 2083	

TRUE BONG DIRECTION
MAGNETIC
RNNI

LC. Gravel, No plane.

M: 101.60 - 102.33 SPG VEIN. Bx

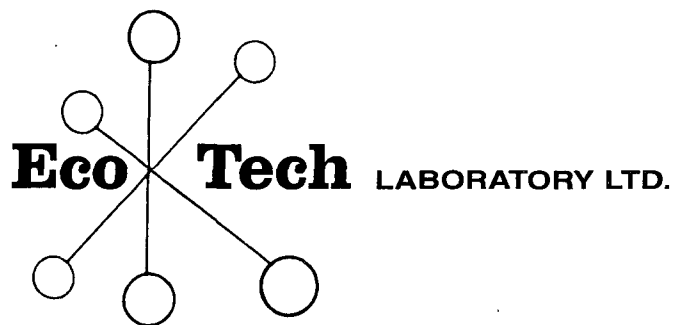
{ pyrite sfgr fg 15
gr. f.g. 10
pyrite sfgr fg 15
gr. f.g. 10
SPG 1-15 2.0 150 145 66
30 342 62

Geological log

					Hole no:				Az:		Dip:		p 7 / 7											
					Structure				Alteration		Mineralization			Veining					Samples					
From	To	Rx code	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	habit	%	type	thickness mm	density	CA	Strike	dip	Sample no	From	To	Notes	
104.20	112.78	CRUSH	CRUSH/GRAISEN	Colour is lt. transparent gr to white. Protolith is likely Schist/ ~~ser~~ coarse syenitic very similar to unit 99.3-101.1. Alt clay + sericite has increased making the rock more friable. It seems like it may have been "crushed" (cataclastic?) or could have resulted from the intense alt. or both. Rock is mod-strongly fractured. SPG stringers occur rarely 1-3mm in c rdm orientation. One larger vein found @ 104.45m 5cm thick (SPG). L.C. Abrupt w/ no plane rock is very fractured here.					Sch. clay	M m-s				SPG	1-50	1	30	342	62	6982087 2088 2089 2091 2092 2093 2090 2094	104.2 104.6 104.8 106.16 107.4 109.42 109.42 111.25	104.60 104.8 106.16 107.4 109.42 111.25 STD	5cm thick SPG veins LOW STD	
112.78	113.5	SYN	SYN-SR	Alt white & dk gy syenite where SR has occurred. Remainder becomes more sericitic causing lt. gc colour. Texture typical C.G. intrusive syenitic. First 30 cm has partial replacement of mafics w/ sulphides. Rock is moderately fractured. M: 112.78-103.08. SR Syenite. Lower contact is abrupt? and occurs in very fractured rocks.					clay Ser	M m-	pyr. diss	tr.	cl. qtz	1-3	5	rdm					2095 2096	112.78 113.08	113.08 113.50	
113.5	117.34	GR.DKE EOH	GREEN DIKE	Unit is glassy green in color. Texture fig. subvolcanic. Generally siliceous w small phenos 3mm x 3mm of Qtz. Likely an andesite. Cl. qtz veining throughout and often have gy outer edges. Rdmly oriented various thickness 1mm - 3cm. Rock is very fractured (rubble) contains tr. diss pyrite.					Silici. silica	S v.v.	py diss	tr	cl qtz	1-30	30	rdm					2097 2098 2099	113.50 115.21 116.74	115.21 116.74 117.34	

Table Relating Sample Numbers to Intervals from Drill Hole 08GY-22

No.	Hole number	Interval From (m)	Interval To (m)	Length (m)	Sample Number	Remarks
1	08GY-22	2.84	4.84	2.00	G982001	
2	08GY-22	4.84	6.84	2.00	G982002	
3	08GY-22	6.84	8.34	1.50	G982003	
4	08GY-22	8.34	9.10	0.76	G982004	
5	08GY-22	9.10	10.67	1.57	G982005	
6	08GY-22	10.67	11.31	0.64	G982006	
7	08GY-22	11.31	12.12	0.81	G982007	
8	08GY-22	12.12	14.19	2.07	G982008	
9	08GY-22	14.19	16.19	2.00	G982009	
10	08GY-22				G982010	OREAS STD 53Pb
11	08GY-22	16.19	18.28	2.09	G982011	
12	08GY-22	18.28	19.78	1.50	G982012	
13	08GY-22	19.78	20.71	0.93	G982013	
14	08GY-22	20.71	22.07	1.36	G982014	
15	08GY-22	22.07	23.23	1.16	G982015	
16	08GY-22	23.23	24.40	1.17	G982016	
17	08GY-22	24.40	25.65	1.25	G982017	
18	08GY-22	25.65	26.87	1.22	G982018	
19	08GY-22	26.87	28.17	1.30	G982019	
20	08GY-22	28.17	28.98	0.81	G982020	
21	08GY-22	28.98	29.52	0.54	G982021	
22	08GY-22	29.52	29.96	0.44	G982022	
23	08GY-22				G982023	BLANK
24	08GY-22	29.96	31.65	1.69	G982024	
25	08GY-22	31.65	33.00	1.35	G982025	
26	08GY-22	33.00	34.29	1.29	G982026	
27	08GY-22	34.29	35.50	1.21	G982027	
28	08GY-22	35.50	37.30	1.80	G982028	Duplicated
29	08GY-22	37.30	38.86	1.56	G982029	
30	08GY-22	38.86	39.21	0.35	G982030	
31	08GY-22	39.21	41.14	1.93	G982031	
32	08GY-22			0.00	G982032	Duplicate of G982028
33	08GY-22	41.14	42.47	1.33	G982033	
34	08GY-22	42.47	43.67	1.20	G982034	
35	08GY-22	43.67	45.61	1.94	G982035	
36	08GY-22	45.61	46.70	1.09	G982036	
37	08GY-22	46.70	47.04	0.34	G982037	
38	08GY-22	47.04	47.65	0.61	G982038	
39	08GY-22	47.65	49.65	2.00	G982039	
40	08GY-22				G982040	Oreas 50 Pb
41	08GY-22	49.65	51.65	2.00	G982041	
42	08GY-22	51.65	53.65	2.00	G982042	
43	08GY-22	53.65	55.65	2.00	G982043	
44	08GY-22	55.65	56.86	1.21	G982044	
45	08GY-22	56.86	58.48	1.62	G982045	
46	08GY-22	58.48	58.98	0.50	G982046	Syn SR?
47	08GY-22	58.98	59.95	0.97	G982047	
48	08GY-22	59.95	60.48	0.53	G982048	SPG2 SR
49	08GY-22	60.48	60.76	0.28	G982049	SPG2 VEIN
50	08GY-22	60.76	60.91	0.15	G982050	SPG2 BX
51	08GY-22	60.91	62.48	1.57	G982051	
52	08GY-22	62.48	64.00	1.52	G982052	
53	08GY-22	64.00	66.00	2.00	G982053	
54	08GY-22	66.00	67.52	1.52	G982054	
55	08GY-22	67.52	69.49	1.97	G982055	~50% CORE LOSS
56	08GY-22	69.49	71.32	1.83	G982056	
57	08GY-22	71.32	73.15	1.83	G982057	
58	08GY-22	73.15	75.12	1.97	G982058	
59	08GY-22	75.12	76.20	1.08	G982059	
60	08GY-22	76.20	77.72	1.52	G982060	
61	08GY-22	77.72	78.55	0.83	G982061	
62	08GY-22	78.55	80.41	1.86	G982062	
63	08GY-22	80.41	82.00	1.59	G982063	
64	08GY-22	82.00	83.82	1.82	G982064	
65	08GY-22	83.82	85.07	1.25	G982065	
66	08GY-22	85.07	86.35	1.28	G982066	
67	08GY-22	86.35	87.83	1.48	G982067	
68	08GY-22	87.83	89.51	1.68	G982068	
69	08GY-22	89.51	90.50	0.99	G982069	
70	08GY-22				G982070	BLANK
71	08GY-22	90.50	91.22	0.72	G982071	
72	08GY-22	91.22	92.07	0.85	G982072	
73	08GY-22	92.07	92.76	0.69	G982073	
74	08GY-22	92.76	94.60	1.84	G982074	
75	08GY-22	94.60	94.95	0.35	G982075	
76	08GY-22	94.95	96.60	1.65	G982076	
77	08GY-22	96.60	97.53	0.93	G982077	
78	08GY-22	97.53	99.30	1.77	G982078	
79	08GY-22	99.30	100.10	0.80	G982079	
80	08GY-22				G982080	Oreas 53Pb
81	08GY-22	100.10	100.50	0.40	G982081	
82	08GY-22	100.50	101.60	1.10	G982082	
83	08GY-22	101.60	102.33	0.73	G982083	Duplicated
84	08GY-22	102.33	103.15	0.82	G982084	
85	08GY-22	103.15	104.20	1.05	G982085	
86	08GY-22				G982086	Duplicate of G982083
87	08GY-22	104.20	104.60	0.40	G982087	
88	08GY-22	104.60	104.80	0.20	G982088	
89	08GY-22	104.80	106.16	1.36	G982089	
90	08GY-22				G982090	Oreas 50Pb
91	08GY-22	106.16	107.40	1.24	G982091	
92	08GY-22	107.40	109.42	2.02	G982092	
93	08GY-22	109.42	111.25	1.83	G982093	
94	08GY-22	111.25	112.78	1.53	G982094	
95	08GY-22	112.78	113.08	0.30	G982095	
96	08GY-22	113.08	113.50	0.42	G982096	
97	08GY-22	113.50	115.21	1.71	G982097	
98	08GY-22	115.21	116.74	1.53	G982098	
99	08GY-22	116.74	117.34	0.60	G982099	



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CERTIFICATE OF ASSAY AW 2008-8034

Bushmaster Exploration
420 - 475 Howe Street
Vancouver, BC
V6C 2B3

19-Jun-08

No. of samples received: 50
Sample Type: Core
Project: Bow Creek
Submitted by: D. Heon
Shipment #: 2008BOW004A

ET #.	Tag #	Au (g/t)	Au (oz/t)
2	G982102	1.84	0.054
3	G982103	6.20	0.181
6	G982106	8.62	0.251

QC DATA:

Repeat:

3	G982103	6.35	0.185
6	G982106	8.55	0.249

Standard:

Hisilk2	3.46	0.101
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JJ/nw
XLS/08


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V2C 6T4

ICP CERTIFICATE OF ANALYSIS AW 2008- 8034

Total Digest

Bushmaster Exploration

420 - 475 Howe Street

Vancouver, BC

V6C 2B3

Phone: 250-573-5700

Fax : 250-573-4557

No. of samples received: 50

Sample Type: Core

Project: Bow Creek

Submitted by: D. Heon

Shipment #: 2008BOW004A

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	G982101	175	0.2	4.29	470	855	<5	0.08	7	2	160	12	1.54	1.66	20	0.18	100	26	0.09	10	210	154	165	<20	52	0.11	<10	28	<10	5	179
2	G982102	>1000	1.0	5.36	1440	1240	<5	0.06	4	<1	90	7	2.14	1.57	30	0.20	37	34	0.14	17	240	396	105	<20	87	0.16	<10	36	<10	5	61
3	G982103	>1000	3.2	5.37	3110	345	<5	0.07	2	<1	75	3	2.23	1.48	20	0.18	26	37	0.12	32	390	1038	185	<20	65	0.22	<10	70	<10	4	60
4	G982104	625	2.0	7.46	2725	1220	<5	0.09	<1	1	74	3	2.66	1.72	10	0.21	41	27	0.15	25	660	520	160	<20	70	0.25	<10	64	<10	4	50
5	G982105	210	10.8	7.07	1520	1235	<5	0.08	<1	<1	81	3	2.15	1.74	30	0.20	48	18	0.13	16	970	2376	270	<20	86	0.27	<10	82	<10	4	51
6	G982106	>1000	7.6	7.61	2095	925	<5	0.06	2	<1	97	3	2.38	1.59	20	0.21	37	27	0.16	20	700	1942	170	<20	35	0.32	<10	109	<10	5	101
7	G982107	10	3.6	7.55	1320	1065	<5	0.13	9	2	82	8	3.91	1.65	20	0.28	99	7	0.19	22	2410	874	180	<20	133	0.38	<10	145	<10	11	576
8	G982108	10	4.4	6.92	480	335	<5	0.07	4	<1	84	6	3.66	1.94	40	0.27	84	7	0.23	9	1700	2580	240	<20	132	0.39	<10	147	<10	12	314
9	G982109	35	3.4	8.23	1160	890	<5	0.16	4	2	84	15	5.50	1.89	30	0.31	171	3	0.23	21	2160	640	165	<20	135	0.43	<10	146	<10	11	759
10	G982110	850	2.0	7.42	10	630	<5	1.51	<1	15	30	7456	5.04	2.42	20	1.20	380	5	2.38	27	1050	40	<5	<20	442	0.28	<10	114	<10	14	69
11	G982111	120	<0.2	7.84	2230	350	<5	0.08	18	3	102	47	3.84	1.75	30	0.31	140	15	0.21	32	630	150	110	<20	28	0.31	<10	54	<10	11	842
12	G982112	10	<0.2	6.56	940	510	<5	0.05	10	1	119	6	3.54	1.62	30	0.28	115	11	0.16	15	440	90	90	<20	30	0.21	<10	39	<10	8	300
13	G982113	450	<0.2	5.42	1810	880	<5	0.04	<1	<1	108	2	1.82	1.76	30	0.23	51	17	0.16	20	250	212	60	<20	17	0.15	<10	34	<10	4	81
14	G982114	10	0.6	6.41	510	385	<5	0.07	10	3	105	10	3.69	1.60	30	0.29	271	15	0.15	13	440	118	120	<20	28	0.18	<10	35	<10	10	695
15	G982115	10	1.4	6.36	520	360	<5	0.16	24	12	108	10	3.57	1.83	30	0.31	1000	17	0.17	14	680	248	120	<20	28	0.25	<10	52	<10	14	809
16	G982116	5	2.0	6.83	230	865	<5	0.26	28	8	82	23	3.82	2.20	30	0.37	1294	3	0.22	12	810	236	100	<20	31	0.26	<10	56	<10	13	1250
17	G982117	10	2.6	6.86	705	920	<5	0.25	28	4	116	23	3.41	<0.01	40	0.32	710	36	0.10	13	430	422	120	<20	27	0.25	<10	37	<10	15	1042
18	G982118	75	2.2	5.94	700	950	<5	0.08	31	2	113	10	2.78	2.13	30	0.24	163	17	0.16	12	260	558	65	<20	23	0.14	<10	30	<10	8	587
19	G982119	15	0.8	5.56	940	880	<5	0.17	17	2	133	19	3.15	1.95	30	0.27	321	14	0.16	14	430	126	95	<20	30	0.22	<10	35	<10	15	513
20	G982120	<5	1.0	5.97	540	1105	<5	0.15	16	2	165	20	3.13	1.74	30	0.31	169	14	0.16	11	510	286	105	<20	32	0.18	<10	40	<10	15	497
21	G982121	<5	<0.2	7.05	515	1225	<5	0.16	16	3	109	6	3.79	1.93	20	0.26	444	12	0.17	12	450	176	100	<20	38	0.20	<10	27	<10	9	860
22	G982122	110	<0.2	6.06	605	385	<5	0.10	5	2	161	2	2.79	2.12	30	0.22	92	8	0.18	10	280	210	85	<20	39	0.16	<10	30	<10	7	182
23	G982123	5	0.6	6.09	525	575	<5	0.17	18	3	134	5	3.24	2.41	30	0.28	316	8	0.19	11	350	198	95	<20	38	0.16	<10	30	<10	11	619
24	G982124	<5	0.8	5.73	80	555	<5	0.33	17	4	135	5	2.82	2.28	30	0.34	550	7	0.19	9	310	412	105	<20	39	0.16	<10	30	<10	9	693
25	G982125	<5	0.8	5.90	120	850	<5	0.44	16	5	160	6	2.88	2.15	20	0.32	606	7	0.19	8	330	256	85	<20	35	0.16	<10	29	<10	9	613
26	G982126	<5	0.6	5.73	80	700	<5	0.21	7	5	129	4	2.95	2.05	30	0.28	842	10	0.18	8	320	114	85	<20	30	0.16	<10	29	<10	7	504
27	G982127	<5	1.4	6.34	130	740	<5	0.18	12	8	175	6	3.85	2.32	30	0.32	1558	5	0.20	12	360	426	70	<20	29	0.17	<10	30	<10	12	1001
28	G982128	<5	3.4	5.86	60	705	<5	0.93	8	6	100	48	3.63	1.98	30	0.59	1371	3	0.19	10	260	196	90	<20	45	0.14	<10	35	<10	10	716
29	G982129	10	3.2	6.10	40	520	<5	1.46	11	7	93	26	3.98	1.69	30	0.70	2248	3	0.19	14	280	236	80	<20	53	0.15	<10	34	<10	10	1092
30	G982130	<5	0.8	6.24	30	805	<5	1.59	1	7	75	17	4.07	1.51	30	0.94	1358	2	0.23	17	380	78	55	<20	104	0.19	<10	39	<10	12	299

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
31	G982131	<5	<0.2	6.91	55	785	<5	1.45	<1	9	89	5	4.10	1.34	20	0.84	900	3	0.20	29	390	48	60	<20	84	0.18	<10	42	<10	10	234
32	G982132	<5	0.2	6.88	90	1185	<5	1.54	1	9	102	8	3.92	1.31	30	0.78	1002	7	0.21	18	340	60	60	<20	104	0.20	<10	40	<10	12	254
33	G982133	<5	0.2	4.98	165	1695	<5	2.67	4	9	254	20	3.78	1.17	30	1.46	936	2	0.18	52	970	126	50	<20	259	0.24	<10	68	<10	15	218
34	G982134	<5	2.4	5.84	300	1180	<5	2.05	5	10	192	37	3.86	1.17	30	1.16	1080	9	0.19	61	990	198	95	<20	167	0.27	<10	74	<10	15	415
35	G982135	<5	0.4	5.80	150	1880	<5	1.27	2	7	110	14	3.57	1.25	30	0.70	968	3	0.16	31	330	72	70	<20	125	0.16	<10	35	<10	9	302
36	G982136	10	<0.2	6.48	180	2075	<5	1.76	1	18	117	9	3.89	1.49	40	0.90	1159	29	0.22	50	640	54	50	<20	145	0.24	<10	53	<10	14	538
37	G982137	5	<0.2	6.25	155	1535	<5	1.00	<1	10	80	17	3.83	1.44	40	0.72	833	14	0.21	21	480	44	45	<20	124	0.19	<10	46	<10	11	375
38	G982138	5	0.2	6.65	375	1710	<5	0.77	<1	13	107	20	4.40	1.42	40	0.57	1170	4	0.20	25	570	58	60	<20	102	0.26	<10	51	<10	10	423
39	G982139	5	<0.2	5.98	115	1340	<5	1.35	<1	7	111	18	3.65	1.40	30	0.61	865	3	0.22	10	530	34	50	<20	104	0.19	<10	45	<10	12	184
40	G982140	625	1.1	8.05	10	680	<5	2.01	<1	19	26	5468	5.76	2.72	20	1.39	414	5	2.42	20	1110	40	<5	<20	476	0.27	<10	139	<10	16	54
41	G982141	10	<0.2	5.66	120	850	<5	0.84	<1	7	136	44	3.49	1.57	30	0.45	672	5	0.19	11	440	30	85	<20	75	0.23	<10	34	<10	8	149
42	G982142	10	0.2	5.33	70	930	<5	0.67	<1	6	101	22	2.86	1.40	30	0.42	392	6	0.16	6	310	24	80	<20	73	0.15	<10	36	<10	6	65
43	G982143	10	<0.2	5.14	75	1050	<5	0.70	<1	5	117	5	3.11	1.41	30	0.51	389	8	0.14	7	300	26	95	<20	83	0.16	<10	37	<10	6	83
44	G982144	5	<0.2	6.28	70	955	<5	1.17	<1	5	139	18	3.46	1.69	30	0.59	712	4	0.20	6	380	38	70	<20	73	0.17	<10	37	<10	8	101
45	G982145	35	<0.2	6.06	170	1445	<5	1.33	<1	4	111	12	3.20	1.46	30	0.58	727	2	0.20	7	320	32	50	<20	80	0.15	<10	34	<10	9	85
46	G982146	160	<0.2	6.07	165	1245	<5	1.16	2	6	91	25	3.31	1.36	30	0.55	623	5	0.21	6	440	66	50	<20	66	0.17	<10	43	<10	7	182
47	G982147	15	<0.2	6.00	650	1140	<5	1.42	2	4	87	8	3.12	1.30	30	0.58	644	4	0.22	10	320	60	45	<20	94	0.15	<10	29	<10	9	195
48	G982148	<5	<0.2	6.87	15	1010	<5	1.05	<1	4	89	23	1.84	2.31	40	0.36	319	6	2.17	9	432	32	<5	<20	266	0.19	<10	29	<10	17	45
49	G982149	5	<0.2	6.76	95	1270	<5	1.29	<1	5	96	9	3.18	1.49	40	0.54	739	2	0.19	6	350	48	70	<20	68	0.15	<10	31	<10	8	211
50	G982150	5	<0.2	6.89	130	1195	<5	1.66	<1	7	84	16	3.81	1.54	30	0.62	1014	5	0.23	11	730	40	55	<20	101	0.22	<10	52	<10	12	197

QC DATA:**Repeat:**

1	G982101	175	0.2	4.41	485	860	<5	0.06	6	1	150	12	1.51	1.74	20	0.18	98	31	0.09	9	210	160	175	<20	53	0.13	<10	29	<10	5	186
4	G982104	670																													
5	G982105	230																													
9	G982109	40																													
11	G982111	120	<0.2	7.56	2135	335	<5	0.05	14	2	96	42	3.68	1.89	30	0.29	135	12	0.19	24	590	140	100	<20	24	0.28	<10	51	<10	11	824
19	G982119	10	0.6	5.87	890	915	<5	0.14	19	3	131	18	3.23	2.01	30	0.28	297	11	0.17	14	410	128	90	<20	31	0.19	<10	38	<10	15	497
36	G982136	10	<0.2	6.65	170	2040	<5	1.84	<1	12	125	10	4.08	1.52	30	0.89	1091	27	0.24	48	620	46	50	<20	145	0.22	<10	50	<10	13	523

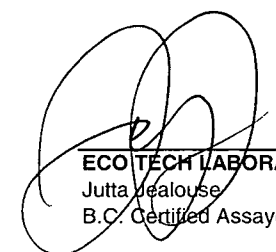
Resplit:

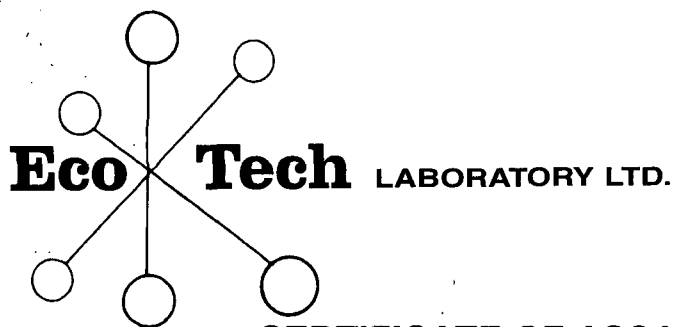
1	G982101	170	0.4	4.71	455	870	<5	0.06	5	1	145	9	1.71	1.48	20	0.17	86	23	0.08	9	190	142	205	<20	55	0.14	<10	28	<10	5	186
36	G982136	5	<0.2	6.66	165	2010	<5	1.96	<1	13	117	8	4.08	1.60	30	0.87	1130	21	0.22	45	620	46	45	<20	143	0.21	<10	45	<10	12	508

Standard:

Std3			0.2	5.72	30	1310	<5	2.27	2	18	59	39	4.23	1.28	30	1.24	2494	8	1.08	32	1790	52	<5	<20	250	0.36	<10	111	<10	31	210
Std3			0.2	5.81	20	1370	<5	2.41	1	16	61	41	4.26	1.39	40	1.30	2525	7	1.15	30	1680	54	<5	<20	262	0.32	<10	120	<10	32	199
SE29		600																													
SE29		605																													

Au: 30g FA - AA Finish
 ICP : Total Digest - ICP/AES Finish
 Ag : Total Digest- AA Finish


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ASSAYING, GEOCHEMISTRY
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ENVIRONMENTAL TESTING
ISO 9001 Accredited Co.

10041 Dallas Drive, Kamloops, BC V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
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www.ecotechlab.com

CERTIFICATE OF ASSAY AW 2008-8045

Bushmaster Exploration
420 - 475 Howe Street
Vancouver, BC
V6C 2B3

2-Jul-08

No. of samples received: 50
Sample Type: Core
Project: **BOW Creek**
Shipment #: **2008BOW004B**
Submitted by: *D Heon*

ET #.	Tag #	Au (g/t)	Au (oz/t)	Zn (%)
3	G982153	1.74	0.051	
4	G982154	6.10	0.178	1.05
6	G982156	1.78	0.052	
19	G982169	1.14	0.033	
21	G982171	1.34	0.039	

QC DATA:

Repeat:

6	G982156	1.68	0.049	
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Standard:

Oxi67	1.79	0.052	
Pb129			2.01

JJ/nw
XLS/08


ECO TECH LABORATORY LTD.
Jutta Jealous
B.C. Certified Assayer

ECO TECH LABORATORY LTD.

10041 Dallas Drive

KAMLOOPS, B.C.

V2C 6T4

ICP CERTIFICATE OF ANALYSIS AW 2008- 8045

Total Digest

Bushmaster Exploration

420 - 475 Howe Street

Vancouver, BC

V6C 2B3

Phone: 250-573-5700

Fax : 250-573-4557

No. of samples received: 50

Sample Type: Core

Project: BOW Creek

Shipment #: 2008BOW004B

Submitted by: D Heon

Values in ppm unless otherwise reported

Et #.	Tag #	Au ppb	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	G982151	160	0.2	6.17	760	1165	<5	1.35	2	5	138	24	2.29	2.85	40	0.57	734	4	0.20	15	400	72	65	<20	66	0.22	<10	30	<10	8	235
2	G982152	235	0.6	5.38	1705	895	<5	0.97	12	6	109	14	2.12	2.18	30	0.39	372	7	0.17	27	290	182	65	<20	42	0.18	<10	29	<10	13	713
3	G982153	>1000	4.6	3.33	665	170	<5	0.31	52	3	123	34	1.02	1.87	10	0.14	40	72	0.09	16	210	1128	210	<20	90	0.10	<10	20	<10	9	5865
4	G982154	>1000	6.8	4.14	625	225	<5	0.29	134	3	145	40	1.18	1.96	20	0.15	46	100	0.11	17	240	3026	210	<20	24	0.13	<10	25	<10	6	>10000
5	G982155	<5	<0.2	6.74	15	1010	<5	1.01	<1	5	98	24	1.78	2.77	40	0.31	305	3	2.09	7	450	36	<5	<20	269	0.20	<10	32	<10	20	47
6	G982156	>1000	1.2	6.31	1455	225	<5	0.38	22	7	135	15	2.24	2.80	40	0.29	83	18	0.21	27	340	220	55	<20	22	0.21	<10	32	<10	9	1050
7	G982157	20	2.0	6.55	1660	275	<5	1.03	30	9	129	13	2.63	2.53	40	0.47	487	9	0.20	29	400	366	50	<20	38	0.18	<10	38	<10	12	1544
8	G982158	15	1.0	5.97	1335	1315	<5	0.75	10	6	96	19	2.14	1.91	30	0.33	449	10	0.20	23	320	258	65	<20	59	0.20	<10	30	<10	11	866
9	G982159	<5	1.0	6.83	135	755	<5	1.24	2	6	123	22	2.39	1.67	40	0.71	873	4	0.21	10	380	90	90	<20	64	0.18	<10	37	<10	11	304
10	G982160	10	0.2	5.17	265	1295	<5	0.61	<1	4	103	13	1.79	1.96	30	0.41	427	4	0.21	9	260	66	80	<20	49	0.16	<10	29	<10	9	227
11	G982161	<5	0.4	5.31	225	2345	<5	0.66	7	4	111	7	1.82	1.95	40	0.40	435	11	0.14	10	290	166	90	<20	58	0.18	<10	25	<10	8	574
12	G982162	<5	<0.2	7.52	155	1750	<5	0.49	3	3	114	9	1.45	1.64	30	0.39	347	8	0.16	8	240	108	70	<20	59	0.17	<10	30	<10	8	247
13	G982163	75	<0.2	7.67	30	1015	<5	1.21	<1	6	89	28	2.20	2.50	50	0.41	402	2	2.00	11	570	70	<5	<20	242	0.31	<10	32	<10	21	65
14	G982164	15	<0.2	5.42	450	385	<5	0.59	1	6	112	35	2.14	3.62	30	0.41	396	8	0.14	15	370	62	110	<20	150	0.19	<10	33	<10	9	191
15	G982165	15	0.2	5.03	120	785	<5	0.30	<1	6	96	10	1.82	3.28	30	0.39	167	21	0.15	10	310	46	115	<20	225	0.19	<10	33	<10	9	158
16	G982166	15	<0.2	5.60	85	3625	<5	1.00	<1	6	124	6	2.11	2.37	40	0.53	603	17	0.18	10	320	44	80	<20	126	0.21	<10	30	<10	10	123
17	G982167	10	0.2	5.05	125	635	<5	0.56	<1	8	112	25	1.77	3.23	30	0.43	355	17	0.17	13	410	44	95	<20	165	0.19	<10	43	<10	10	109
18	G982168	15	0.2	5.86	305	235	<5	1.31	<1	8	115	8	2.58	3.83	30	0.64	621	5	0.19	16	340	46	70	<20	189	0.20	<10	36	<10	10	99
19	G982169	>1000	0.6	7.77	620	265	<5	0.93	1	5	108	4	2.19	2.24	30	0.48	426	18	0.16	13	280	62	85	<20	54	0.24	<10	32	<10	8	226
20	G982170	820	1.8	7.64	5	675	<5	1.43	<1	21	37	7414	4.67	2.19	20	1.31	396	3	2.25	30	1100	40	<5	<20	432	0.35	<10	124	<10	17	81
21	G982171	>1000	0.6	5.90	570	270	<5	1.00	12	7	123	9	2.75	2.96	40	0.58	419	17	0.23	14	350	162	60	<20	57	0.25	<10	35	<10	10	998
22	G982172	10	0.6	7.83	85	865	<5	1.00	<1	34	234	21	6.61	1.94	70	2.21	418	3	0.34	95	3060	56	90	<20	62	1.17	<10	139	<10	40	146
23	G982173	<5	0.4	8.56	90	495	<5	0.99	<1	27	243	21	7.37	1.85	70	2.61	505	3	0.44	91	3000	50	70	<20	62	1.26	<10	149	<10	40	232
24	G982174	165	1.6	6.97	650	490	<5	1.05	13	24	178	20	5.43	1.61	50	1.52	867	16	0.20	82	2190	176	115	<20	69	0.85	<10	111	<10	29	714
25	G982175	5	0.6	5.17	35	875	<5	1.74	1	5	107	6	2.53	2.14	30	0.80	1246	3	0.15	9	270	132	80	<20	85	0.23	<10	38	<10	9	221

Et #.	Tag #	Au ppb	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	G982176	<5	1.4	6.33	30	725	<5	1.81	2	7	117	25	3.00	1.86	30	1.05	1356	<1	0.19	11	560	112	65	<20	78	0.21	<10	47	<10	12	394
27	G982177	<5	1.4	5.64	75	1535	<5	1.96	5	7	104	9	3.06	1.65	30	0.99	1350	5	0.16	14	370	366	85	<20	67	0.22	<10	41	<10	10	459
28	G982178	<5	1.0	5.86	70	1915	<5	1.71	2	6	104	9	2.67	1.74	30	0.85	1095	1	0.20	10	320	80	60	<20	68	0.20	<10	31	<10	8	321
29	G982179	<5	1.0	8.12	45	1075	<5	1.82	2	6	101	10	2.80	1.72	30	0.97	1544	5	0.17	11	510	80	65	<20	75	0.32	<10	48	<10	12	336
30	G982180	10	2.0	3.06	70	950	<5	1.75	24	5	111	5	2.22	1.81	40	0.88	1752	12	0.06	12	300	1332	145	<20	244	0.22	<10	51	<10	11	976
31	G982181	10	1.2	4.17	85	4015	<5	1.66	6	5	111	8	2.10	1.62	40	0.79	1324	6	0.11	12	300	130	100	<20	136	0.18	<10	36	<10	9	397
32	G982182	15	1.4	4.57	130	3525	<5	1.88	5	9	89	9	2.69	1.31	30	0.92	1545	18	0.11	19	780	436	130	<20	111	0.26	<10	55	<10	16	538
33	G982183	10	1.0	7.54	90	3665	<5	1.2	3	5	115	3	2.25	1.71	30	0.78	1341	28	0.16	16	290	150	85	<20	69	0.21	<10	37	<10	10	468
34	G982184	45	1.2	6.22	100	1570	<5	0.58	3	4	116	5	1.33	2.13	30	0.58	712	13	0.15	15	210	126	75	<20	44	0.16	<10	31	<10	9	325
35	G982185	5	1.0	6.25	50	1895	<5	1.69	3	7	103	8	3.20	2.05	40	1.00	1720	6	0.17	12	420	122	70	<20	86	0.22	<10	43	<10	12	352
36	G982186	50	0.4	5.27	550	315	<5	2.08	2	11	199	10	2.78	1.94	30	1.11	791	26	0.11	52	1080	58	120	<20	190	0.34	<10	107	<10	14	231
37	G982187	320	0.6	5.37	740	105	<5	1.41	2	12	143	10	2.93	2.08	20	0.78	557	31	0.11	53	990	128	130	<20	182	0.32	<10	100	<10	10	358
38	G982188	60	0.4	5.30	440	1530	<5	2.19	2	15	155	19	4.53	1.74	20	1.58	846	16	0.18	57	1600	80	100	<20	143	0.36	<10	149	<10	15	287
39	G982189	25	0.4	6.91	525	125	<5	4.04	2	20	123	15	5.68	2.63	30	2.00	1336	6	0.23	46	2000	94	50	<20	334	0.43	<10	158	<10	17	250
40	G982190	635	1.1	8.02	15	705	<5	1.77	<1	17	28	5403	5.85	2.25	20	1.36	427	3	2.35	21	1190	40	<5	<20	476	0.30	<10	142	<10	18	65
41	G982191	25	0.6	5.94	70	2635	<5	3.21	2	15	197	14	3.52	2.31	30	1.84	1191	14	0.26	53	1410	104	75	<20	208	0.44	<10	156	<10	21	256
42	G982192	15	0.4	9.95	65	2420	<5	3.88	<1	16	77	12	5.58	2.84	40	2.02	2352	3	0.37	25	1980	76	40	<20	252	0.62	<10	177	<10	21	167
43	G982193	15	0.6	8.15	90	2225	<5	3.64	1	24	164	13	6.47	2.26	40	2.03	1998	<1	0.33	63	2460	92	50	<20	165	0.51	<10	176	<10	19	268
44	G982194	20	4.4	6.26	80	2300	<5	5.28	2	21	184	20	5.86	1.94	30	2.68	2142	6	0.31	69	2010	80	35	<20	252	0.40	<10	160	<10	22	326
45	G982195	25	4.2	7.51	125	2295	<5	6.2	4	25	167	19	7.27	1.83	30	2.54	2659	3	0.27	79	2360	122	50	<20	262	0.50	<10	145	<10	20	320
46	G982196	25	0.8	8.35	245	725	<5	3.9	4	17	125	13	5.55	1.74	30	2.02	2238	16	0.22	60	2180	120	65	<20	179	0.66	<10	176	<10	21	450
47	G982197	30	0.8	8.13	190	895	<5	2.48	6	15	162	10	4.68	2.11	40	1.28	1329	59	0.18	57	1980	138	135	<20	138	0.62	<10	167	<10	17	496
48	G982198	25	0.4	6.35	130	2035	<5	3.16	3	17	114	14	5.40	4.30	30	1.83	2350	28	0.23	46	2010	148	80	<20	251	0.42	<10	173	<10	18	367
49	G982199	45	1.2	6.69	470	495	<5	2.1	9	13	189	13	3.77	2.83	30	1.31	1436	52	0.17	67	1510	344	140	<20	260	0.49	<10	142	<10	18	864
50	G982200	510	3.4	2.33	845	85	<5	0.64	111	10	176	19	1.55	1.05	<10	0.36	456	45	0.05	43	370	1354	205	<20	150	0.15	<10	46	<10	7	5789

QC DATA:**Repeat:**

1	G982151	150	<0.2	5.94	750	1140	<5	1.31	1	4	134	26	2.25	2.75	40	0.59	744	4	0.18	14	390	68	65	<20	68	0.23	<10	32	<10	8	237
10	G982160	10	0.4	5.62	295	1290	<5	0.61	<1	4	113	13	1.75	2.01	30	0.42	445	3	0.18	9	260	62	85	<20	48	0.17	<10	27	<10	9	233
19	G982169	>1000	0.4	8.09	595	975	<5	0.89	1	6	110	3	2.11	2.17	30	0.49	412	17	0.16	12	270	62	80	<20	51	0.22	<10	32	<10	8	218
36	G982186	45	0.2	5.40	575	315	<5	2.02	2	12	191	11	2.88	1.88	20	1.09	812	29	0.11	54	1070	64	135	<20	185	0.36	<10	99	<10	12	229
37	G982187	320																													
45	G982195	25																													
50	G982200	540																													

Resplit:

1	G982151	160	0.2	6.00	735	1245	<5	1.31	2	5	133	24	2.23	3.02	40	0.58	762	3	0.20	16	380	78	65	<20	68	0.24	<10	32	<10	7	246
36	G982186	50	0.4	5.74	550	300	<5	2.09	2	12	178	10	3.02	1.98	20	1.08	837	29	0.11	60	1120	64	130	<20	179	0.30	<10	103	<10	13	236

Et #.	Tag #	Au ppb	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																															
SE29		600																													
SE29		605																													
Std3			0.4	5.81	25	1330	<5	2.25	2	18	62	45	4.29	1.38	40	1.19	2503	9	1.16	33	1720	50	<5	<20	258	0.33	<10	113	<10	34	205
Std3			0.4	5.93	30	1330	<5	2.35	1	17	63	46	4.23	1.39	40	1.19	2585	7	1.13	32	1710	60	<5	<20	251	0.33	<10	121	<10	38	203

Au: 30g FA - AA Finish

ICP : Total Digest - ICP/AES Finish

Ag : Total Digest- AA Finish

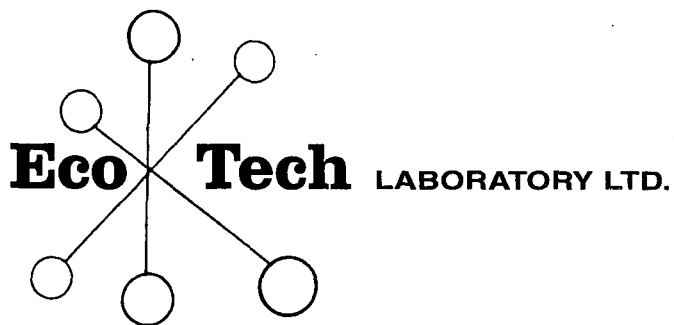


ECO TECH LABORATORY LTD.

Jutta Jealous

B.C. Certified Assayer

JJ/nw
df/td8045s
XLS/07



ASSAYING, GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING
ISO 9001 Accredited Co.

10041 Dallas Drive, Kamloops, BC V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
E-mail: info@ecotechlab.com
www.ecotechlab.com

CERTIFICATE OF ASSAY AW 2008-8049R

Bushmaster Exploration
420 - 475 Howe Street
Vancouver, BC
V6C 2B3

1-Jul-08

No. of samples received: 13
Sample Type: Core
Project: BOW Creek
Shipment #: 2008BOW004C
Submitted by: D. Heon

ET #.	Tag #	Au (g/t)	Au (oz/t)	Zn (%)
3	G982253	1.00	0.029	
6	G982256	2.73	0.080	2.21

QC DATA:

Repeat:

6	G982256	2.96	0.086	2.21
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Standard:

HISILK2	3.44	0.100	
Pb129			2.02

JJ/nw
XLS/08


ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

27-Jun-06

ECO TECH LABORATORY LTD.

10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AW 2008- 8049

Total Digest

Bushmaster Exploration

420 - 475 Howe Street
Vancouver, BC
V6C 2B3

Phone: 250-573-5700

Fax : 250-573-4557

No. of samples received: 13

Sample Type: Core

Project: BOW Creek

Shipment #: 2008BOW004C

Submitted by: D. Heon

Values in ppm unless otherwise reported

Et #.	Tag #	Au ppb	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	G982251	580	3.0	4.41	640	115	<5	1.33	49	13	144	20	2.89	1.70	10	0.48	678	48	0.08	34	810	1212	270	<20	125	0.16	<10	75	<10	13	1879
2	G982252	120	1.4	5.19	400	225	<5	1.88	20	12	126	21	3.20	2.25	20	0.82	937	35	0.14	27	1290	462	140	<20	139	0.24	<10	115	<10	14	1594
3	G982253	>1000	4.0	3.41	445	60	<5	0.81	243	10	143	31	2.18	1.11	<10	0.29	453	39	0.11	34	360	1158	275	<20	82	0.13	<10	48	<10	7	<1
4	G982254	<5	<0.2	7.20	15	1070	<5	1.03	<1	4	88	19	1.66	2.69	40	0.33	321	3	2.27	8	470	32	<5	<20	273	0.16	<10	28	<10	16	50
5	G982255	460	1.4	2.28	470	105	<5	0.87	73	8	146	13	1.49	0.85	<10	0.30	456	38	0.03	27	210	516	225	<20	82	0.08	<10	33	<10	5	3121
6	G982256	>1000	7.2	2.57	210	65	<5	0.56	274	9	150	36	1.77	0.83	<10	0.22	219	74	0.05	28	650	2208	235	<20	167	0.12	<10	46	<10	8	>10000
7	G982257	20	5.4	5.24	420	60	<5	3.50	30	17	106	21	5.19	2.15	20	1.25	1708	26	0.18	22	1640	2100	125	<20	168	0.22	<10	135	<10	13	1654
8	G982258	5	2.6	6.95	390	50	<5	2.88	44	19	115	26	5.28	1.98	20	0.98	1021	7	0.22	31	1590	798	80	<20	115	0.27	<10	148	<10	13	3508
9	G982259	<5	2.2	7.22	310	100	<5	3.42	34	16	89	22	5.55	1.58	20	1.23	1545	3	0.25	17	2080	844	60	<20	187	0.31	<10	175	<10	16	1579
10	G982260	860	1.8	7.40	15	650	<5	1.48	<1	16	34	7395	5.21	2.21	20	1.22	387	3	2.41	30	1020	42	<5	<20	430	0.27	<10	125	<10	14	70
11	G982261	<5	1.4	9.34	95	330	<5	4.15	7	16	84	19	5.73	1.07	30	1.59	2200	1	0.24	18	2180	296	75	<20	215	0.43	<10	178	<10	16	843
12	G982262	<5	2.6	8.89	90	145	<5	5.32	23	17	78	16	6.08	1.19	20	1.63	2564	2	0.23	20	1950	624	100	<20	199	0.37	<10	164	<10	16	2055
13	G982263	<5	1.2	7.31	50	645	<5	5.33	14	16	95	12	5.48	1.42	30	1.62	2185	<1	0.31	20	1950	494	80	<20	307	0.27	<10	148	<10	16	1084

QC DATA:

Repeat:

1	G982251	575	3.0	4.64	665	110	<5	1.31	47	12	139	21	2.79	1.67	10	0.47	681	47	0.10	35	790	1110	265	<20	125	0.20	<10	74	<10	13	1895
5	G982255	470																													

Resplit:

1	G982251	565	3.2	4.10	705	130	<5	1.18	47	11	137	21	2.56	1.73	10	0.46	664	46	0.06	35	730	1110	250	<20	122	0.19	<10	81	<10	14	1913
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Standard:

SF30		825																													
Std3			0.5	5.78	25	1345	<5	2.38	1	17	60	41	4.11	1.39	30	1.27	2523	6	1.13	30	1640	56	<5	<20	250	0.33	<10	114	<10	32	199

Au: 30g FA - AA Finish

ICP : Total Digest - ICP/AES Finish

Ag : Total Digest- AA Finish

JJ/nw

dl/td8052s

XLS/07


ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

Table Relating Sample Numbers to Intervals from Drill Hole 08GY-23

No.	Hole number	Interval From (m)	Interval To (m)	Length (m)	Sample Number	Remarks
1	08GY-23	2.67	3.40	0.73	G982101	
2	08GY-23	3.40	4.20	0.80	G982102	
3	08GY-23	4.20	4.90	0.70	G982103	
4	08GY-23	4.90	6.00	1.10	G982104	
5	08GY-23	6.00	7.00	1.00	G982105	
6	08GY-23	7.00	8.12	1.12	G982106	
7	08GY-23	8.12	9.68	1.56	G982107	
8	08GY-23	9.68	10.04	0.36	G982108	
9	08GY-23	10.04	10.90	0.86	G982109	
10	08GY-23	LOW STD			G982110	OREAS 50Pb
11	08GY-23	10.90	12.19	1.29	G982111	
12	08GY-23	12.19	13.27	1.08	G982112	
13	08GY-23	13.27	14.44	1.17	G982113	
14	08GY-23	14.44	15.80	1.36	G982114	
15	08GY-23	15.80	17.09	1.29	G982115	
16	08GY-23	17.09	18.95	1.86	G982116	
17	08GY-23	18.95	20.28	1.33	G982117	
18	08GY-23	20.28	21.60	1.32	G982118	
19	08GY-23	21.60	23.00	1.40	G982119	
20	08GY-23	23.00	24.38	1.38	G982120	
21	08GY-23	24.38	25.85	1.47	G982121	
22	08GY-23	25.85	26.90	1.05	G982122	
23	08GY-23	26.90	28.00	1.10	G982123	
24	08GY-23	28.00	29.00	1.00	G982124	
25	08GY-23	29.00	30.14	1.14	G982125	
26	08GY-23	30.14	31.05	0.91	G982126	
27	08GY-23	31.05	32.08	1.03	G982127	
28	08GY-23	32.08	33.52	1.44	G982128	
29	08GY-23	33.52	34.55	1.03	G982129	
30	08GY-23	34.55	35.40	0.85	G982130	
31	08GY-23	35.40	36.00	0.60	G982131	
32	08GY-23	36.00	36.57	0.57	G982132	
33	08GY-23	36.57	37.60	1.03	G982133	
34	08GY-23	37.60	38.70	1.10	G982134	
35	08GY-23	38.70	40.68	1.98	G982135	
36	08GY-23	40.68	41.70	1.02	G982136	
37	08GY-23	41.70	42.70	1.00	G982137	
38	08GY-23	42.70	43.87	1.17	G982138	
39	08GY-23	43.87	45.38	1.51	G982139	DUPLICATED
40	08GY-23	HIGH STD			G982140	OREAS 53Pb
41	08GY-23	45.38	46.18	0.80	G982141	
42	08GY-23	46.18	47.30	1.12	G982142	
43	08GY-23	47.30	48.23	0.93	G982143	
44	08GY-23	48.23	49.55	1.32	G982144	
45	08GY-23	49.55	50.30	0.75	G982145	
46	08GY-23	50.30	51.72	1.42	G982146	
47	08GY-23	51.72	52.50	0.78	G982147	
48	08GY-23	BLANK			G982148	BLANK
49	08GY-23	52.50	53.50	1.00	G982149	
50	08GY-23	DUPLICATE			G982150	Duplicate of G982139
51	08GY-23	53.50	54.80	1.30	G982151	
52	08GY-23	54.80	55.17	0.37	G982152	
53	08GY-23	55.17	55.40	0.23	G982153	
54	08GY-23	55.40	55.90	0.50	G982154	
55	08GY-23	BLANK	BLANK		G982155	BLANK
56	08GY-23	55.90	56.48	0.58	G982156	
57	08GY-23	56.48	57.55	1.07	G982157	
58	08GY-23	57.55	59.10	1.55	G982158	
59	08GY-23	59.10	60.00	0.90	G982159	
60	08GY-23	60.00	60.96	0.96	G982160	
61	08GY-23	60.96	62.00	1.04	G982161	
62	08GY-23	62.00	62.95	0.95	G982162	
63	08GY-23	62.95	64.00	1.05	G982163	
64	08GY-23	64.00	65.10	1.10	G982164	
65	08GY-23	65.10	66.50	1.40	G982165	
66	08GY-23	66.50	67.85	1.35	G982166	
67	08GY-23	67.85	69.25	1.40	G982167	
68	08GY-23	69.25	70.16	0.91	G982168	
69	08GY-23	70.16	71.37	1.21	G982169	
70	08GY-23	Low Standard Oreas 50Pb			G982170	Oreas 50Pb
71	08GY-23	71.37	72.20	0.83	G982171	
72	08GY-23	72.20	73.25	1.05	G982172	
73	08GY-23	73.25	74.40	1.15	G982173	less crumbly than above and below
74	08GY-23	74.40	75.05	0.65	G982174	rafts of lower unit
75	08GY-23	75.05	76.28	1.23	G982175	
76	08GY-23	76.28	77.23	0.95	G982176	
77	08GY-23	77.23	78.15	0.92	G982177	
78	08GY-23	78.15	78.75	0.60	G982178	
79	08GY-23	78.75	80.75	2.00	G982179	Duplicated
80	08GY-23	80.75	81.70	0.95	G982180	
81	08GY-23	81.70	83.05	1.35	G982181	
82	08GY-23	83.05	84.15	1.10	G982182	
83	08GY-23	84.15	85.30	1.15	G982183	
84	08GY-23	85.30	86.40	1.10	G982184	
85	08GY-23	78.75	80.75		G982185	Duplicate of G982179
86	08GY-23	86.40	87.40	1.00	G982186	less mineralized than below
87	08GY-23	87.40	88.50	1.10	G982187	most mienralized section of interval
88	08GY-23	88.50	89.45	0.95	G982188	Gnis + Gouge included
89	08GY-23	89.45	90.00	0.55	G982189	Py replacement of hblid
90	08GY-23	High Standard Oreas 53Pb			G982190	Oreas 53Pb
91	08GY-23	90.00	90.70	0.70	G982191	Poss. Mafic dyke material
92	08GY-23	90.70	91.70	1.00	G982192	mineralization in stringers + veins
93	08GY-23	91.70	93.25	1.55	G982193	
94	08GY-23	93.25	94.80	1.55	G982194	May include Cave
95	08GY-23	94.80	96.40	1.60	G982195	May include Cave
96	08GY-23	96.40	97.50	1.10	G982196	
97	08GY-23	97.50	98.55	1.05	G982197	
98	08GY-23	98.55	99.75	1.20	G982198	
99	08GY-23	99.75	100.80	1.05	G982199	
100	08GY-23	100.80	101.80	1.00	G982200	
101	08GY-23	101.80	103.30	1.50	G982251	
102	08GY-23	103.30	104.45	1.15	G982252	
103	08GY-23	104.45	105.50	1.05	G982253	
104	08GY-23	Blank	blank		G982254	BLANK
105	08GY-23	105.50	106.05		G982255	
106	08GY-23	107.10	107.10	0.00	G982256	
107	08GY-23	108.50	108.50	0.00	G982257	
108	08GY-23	109.20	109.20	0.00	G982258	
109	08GY-23	110.35	110.35	0.00	G982259	
110	08GY-23	Low standard oreas 50Pb			G982260	Oreas 50Pb
111	08GY-23	110.35	112.00	1.65	G982261	
112	08GY-23	112.00	112.75	0.75	G982262	
113	08GY-23	112.75	113.99	1.24	G982263	

Geological log

Hole No: 0867-23

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														logged by:		Az:		Dip:		Length:				
					Structure				Alteration		Mineralization			Veining						Samples				
From	To	Rx code	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	habit	%	type	thickness mm	density	CA	Strike	dip	Sample no	From	To	Notes	
107.10	113.99	SYEN	Altered syenite	A grey, green, white altered syenite					chl	m	Py	replace	0.5%	SGP veinlets	1-5mm	2	Var			G-988257	107.10	108.50	clay-rich/crumbly	
EOH				Very similar to the syenite found					Ser	m-s	Py	string	1%	Sx stringers	1-3mm	3.5	var				258	108.50	109.20	most mineralizations in section
				between 88.50- 91.70m except					carb	m	gpo?	sfa	0.5%	chl/bio stringers	1-4mm	13	var				259	109.20	110.35	
				far less deformed with no apparent foliation					silica	w	py?	sfg	0.5%								260	Low Std		Ore as 50 Pb
				or mineral lamination. The top of					bz	ms											261	110.35	112.00	
				the material) is reasonably heavily					clag	m											262	112.00	112.75	crumbly
				mineralized (through SGP veins/stringers)																	263	112.75	113.99	crumbly
				(with mineralization dying down																				
				& with distance from above SGP																	EOH			
				type hbl is altering to a biotite/chlorite																				
				mixture while the feldspars seem to																				
				have undergone a mixture of seritization & silicification																				
				above with some possible chloritization.																				
				Some of the white patches, fensters, and stringers																				
				effervesce in HCl → carbonates. Also																				
				Some pass. minor albite associated w																				
				etc. Sx mineralization seems to occur																				
				Primarily in stringers w some																				
				minor replacement of mafics (mainly																				
				hbl). Generally seems to be a decrease of																				
				mafic down the sequence.																				
				EOH																				

logged by: Emily Miller														Az:		Dip:		Length:							
					Structure				Alteration		Mineralization			Veining					Samples						
From	To	Rx code	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	habit	%	type	thickness mm	density	CA	Strike	dip	Sample no	From	To	Notes		
98.65	100.80	Amph	clay-oxide Amphibolite	The main difference between this unit and the amphibolite above is alteration. It seems likely that the protolith for the two was very similar if not identical, as texturally and mineralogically speaking (so far as is possible to distinguish given the intensity of the alteration in this interval) they look very similar. The main textural difference observed is that this rock looks to have deformed much more "brittly" than the above amphi, it is also shot through w/ a much larger proportion of irregular (stockwork?) veining, perforated by a very white vein filling showing a bladed to euhedral crystal habit (softer than qtz) along with a clear to light grey gte. ^{white} ^{thin} Poss albite? Adularia? Clays often recrystallize on HCl as do some stringer fillings ⇒ Carbonate present. Larger crystals here look to be mostly replaced by SGP rather than chl-gte altered. L.C. Sharp change to bx highly mineralized zone.					Silica	w	Py?	sfg	1%	albite(?) veins	1-8mm	4	var				G982198	98.65	99.75		
									chl	m	SP?	sfg	1%	SGP veins	2-4mm	5.5	var				199	99.75	100.80		
									bo	w-m															
									lim	m-s															
									Clay	m															
									Carb	w															
									Ser	w-m															
100.80	107.10	SGP	bx SGP	Almost identical to bx SGP between 86.40-88.50m. Colouration is dark grey/black to white with brown-orange alteration/oxidation halos around fractures and some stringers. Very little of the host rock ~~is~~ is preserved in a recognizable form. From the fragments that are preserved it is likely that the host rock is a gneiss or a continuation of the foliated amphibolite seen above. Most of the fragments have been completely texturally, and in some cases mineralogically overprinted making it very difficult to tell w/ any certainty what the protolith actually was. The whole unit is quite fragmented w/ sections appearing almost rubblely. Cutting across the grey gte + grey gte veins are white gte + albite(?) veins. L. 103.30-104.10m. ^{thin} GNIS. ~~the~~ mineralized and weakly brecciated this grey-green to brown mbrl is shot through w/ SGP veins/stringers that seem to "bleed" from the breccia on either side. ⇒ leads support to gneissic host rock. Contains many small clay grains (approx 7 in to 1m mbrl). L.C. Abrupt change to less brecciated altered gneissic unit.	103.30-103.40 - poss pit gouge				Silica	m-s	SP?	sfg	3.5%	SGP veins	1-12mm	10	var					G982200	100.80	101.80	Crumbly, hard stringers
					104.05-104.10 - poss pit gouge				chl	w-m	Py	sfg	1.5%	SGP2 veins	1-8mm	6	var				END of BATCH				
					70°				lim	w-m	Py	veinlet	0.5%	albite(?) veins	2-4mm	2	var				G982251	101.40	103.30		
									epidote	w	Py	clastic	tr	oxide stringers	0.01-1mm	12	var				252	103.30	104.45		
									Clay	w											253	104.45	105.50		
									Ser	w											254	BLANK		BLANK	
																					255	105.50	106.05		
																					256	106.05	107.10		

Geological log

Hole No: 0867-23

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														logged by: Emily Miller		Az:				Dip:		Length:		
						Structure				Alteration		Mineralization			Veining					Samples				
From	To	Rx code	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	habit	%	type	thickness mm	density	CA	Strike	dip	Sample no	From	To	Notes	
107.10	113.99	SYEN	Altered syenite	A grey, green, white altered syenite					chl	m	py	replace.	0.5%	SGP veinlets	1-5mm	2	var			G-98857	107.10	108.50	clay-rich/crumbly	
EOH				Very similar to the syenite found					Ser	m-s	py	string	1%	Sx stringers	1-3mm	3.5	var				258	108.50	109.20	most mineralization in section
				between 88.50- 91.70m except					carb	m	qp?	sfa	0.5%	chl/bio stringers	1-4mm	13	var				259	109.20	110.35	
				far less deformed with no apparent foliation					silica	w	py?	sfa	0.5%								260	Low Std		Ore as 50 Pb
				or mineral lamination. The top of					bv	ms											261	110.35	112.00	
				the interval is reasonably heavily					Clay	m											262	112.00	112.75	crumbly
				mineralized (through SGP veins/stringers)																	263	112.75	113.99	crumbly
				With unimprovement dying down																	EOH			
				& with distance from above SGP																				
				type bld is altering to a biotite/chlorite																				
				mixture while the feldspars seem to																				
				have undergone a mixture of sericitization & silicification																				
				along with some possible chloritization.																				
				Some of the white patches, veinlets, and stringers																				
				effervesce in HCl → carbonates. Also																				
				Some pass. minor albite associated w																				
				qtz. Sx mineralization seems to occur																				
				Primarily in stringers w some																				
				minor replacement of mafics (mainly																				
				Abld). Generally seems to be a decrease of																				
				mafic down to sequence																				
				EOH																				

logged by: Emily Miller																							Az:	Dip:	Length:
					Structure				Alteration		Mineralization			Veining						Samples					
From	To	Rx code	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	habit	%	type	thickness mm	density	CA	Strike	dip	Sample no	From	To	Notes		
98.65	100.80	Amph	clay-oxide Amphibolite	The main difference between this unit and the amphibolite above is a textural one. It seems likely that the protolith for the two was very similar if not identical, as texturally and mineralogically speaking (so far as is possible to distinguish given the intensity of the alteration in this interval) they look very similar. The main textural difference observed is that this rock looks to have deformed much more "brittly" than the above amphibolite, it is also shot through with a much larger proportion of irregular (stockwork?) veining particularly a very white vein filling showing a bladed to euhedral crystal habit (softer than Qtz) along with a clear to light grey Qtz. ^{white} gts albite? Adularia? Clays effervesce in HCl as do some stringer fillings ⇒ Carbonate present. Larger crystals here look to be mostly replaced by SGP rather than chl-gte altered. L.C. sharp change to bx highly mineralized zone					Silica	w	Py?	Sfg	1%	albite(?) veins	1-8mm	4	var				G982198	98.65	99.75		
									chl	m	SP?	Sfg	1%	SGP veins	2-4mm	5.5	var				199	99.75	100.80		
									bo	w-m															
									lim	m-s															
									clay	m															
									carb	w															
									Ser	w-m															
100.80	107.10	SGP	bx SGP	Almost identical to bx SGP between 86.40-88.50m. Colouration is dark grey/black to white with brown-orange alteration/oxidation halos around fractures and some stringers. Very little of the host rock ~~is~~ is preserved in a recognizable form. From the fragments that are preserved it is likely that the host rock is a gneiss or a continuation of the foliated amphibolite seen above. Most of the fragments have been completely texturally, and in some cases mineralogically overprinted making it very difficult to tell w any certainty what the protolith actually was. The whole unit is quite fragmented w sections appearing almost rubble. Cutting across the grey Qtz & grey Qtz veins are white Qtz & albite(?) veins. L. 103.30-104.10m. ^{thin} GNIS. ~~the~~ mineralized and weakly brecciated this grey-green to brown mbrl is shot through w SGP veins/stringers that seem to bleed from the breccia on either side. ⇒ leads support to gneissic host rock. Contains many small clay seams (approx 7 in the 1m interval) L.C. Abrupt change to less brecciated altered Sycanite unit.	103.30-104.40 - pass Pit gauge				Silica	m-s	SP?	Sfg	3.5%	SGP veins	1-12mm	10	var					G982200	100.80	101.80	Crumbly, brown stringers
									chl	w-m	Py	Sfg	1.5%	SGP2 veins	1-8mm	6	var				END of BATCH				
									lim	w-m	Py	veined	0.5%	albite(?) veins	2-4mm	2	var				G982251	101.80	103.30		
									epidote	w	Py	cl. ss	tr	oxide stringers	0.01-1mm	12	var				252	103.30	104.45		
									clay	w											253	104.45	105.50		
									Ser	w											254	BLANK		BLANK	
																					255	105.50	106.05		
																					256	106.05	107.10		

					logged by: Emily Miller			Az:			Dip:			Length:										
					Structure				Alteration		Mineralization			Veining						Samples				
From	To	Rx code	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	habit	%	type	thickness mm	density	CA	Strike	dip	Sample no	From	To	Notes	
91.70	93.25	Syen	crushed Syenite	very similar to above unit except has crushed appearance. Not much evidence of significant movement. Rock fragments held together with clay seams. Some fsp phenos remain recognizable suggesting that this is indeed a continuation of the Syenite. Competency varies with several 10cm long sections being fairly coherent (in these pieces the hbl is less altered than previously seen)					Clay	S	Pu?	sfg	tr								G982193	91.70	93.25	
									chl	ms	sp?	sfg	tr											
									scr	w														
									plag?	m														
93.25	96.40	Rubble	Rubble	Feature box full of rubble. From silt-clay sized particles to pebbles. Greater than 100% recovery → probably includes core. Rock is generally same blue-grey to greenish grey seen in most of the rock of the above Syenitic units. Essentially a jumbled mess. Large sample intervals taken. Two extremely sandy intervals at approx 40-50cm long interpreted to be cave and as such was omitted from sampling. Very difficult to tell what is cave and what is actually core.																	G982194	93.25	96.40	May include cave
																				195	94.80	96.40	May include cave	
96.40	98.65	AMPH	chl alt amphibolite	Green and white to black, green and white (i) mottled brown patches. Foliation apparent. Varies texturally from being mostly fine grained to a few larger crystals to most similar to foliated Syenite seen from 86.50-91.70m. With larger altered fsp phenocrysts still preserved in a deformed / stretched manner. Rock seems more thoroughly altered and more highly strained than previously observed. The high proportion of mafic material leads me to believe that this may be an altered / deformed amphibolite					chl	S	Pu	sfg	1%	chl stringers	1-2mm	5	120°				G982196	96.40	97.50	chl alt dominant
									b.D	m-s	sp	sfg	1%	Bio stringers	1-3mm	5	140°				197	97.50	98.65	bio alt dominant
									Silica	w	Pu	dissem	tr	SGP veinlets	2-6mm	7	var							
									lim	w-m														
														sub tab										
														97.20 SGP	12mm	1	45°							
														98.30 SGP	13mm	1	45°							
														98.62 SGP	8mm	1	30°							

that has previously been seen in fresher Syenite. Chl alteration pervasive throughout w biotite alt increasing down section (increased dark brown colour relative to green).
I.C. shows alteration channel. Increase in veining immediately prior to

[illegible]

Content: Still reasonably fragmental texture below

Geological log

														Hole no:	086Y-23		Az:		Dip:		p 9 / 14			
					Structure				Alteration		Mineralization			Veining						Samples				
From	To	Rx code	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	habit	%	type	thickness mm	density	CA	Strike	dip	Sample no	From	To	Notes	
80.75	81.70	Bx	Extruded ?	muddy greenish grey/beige mottled brown. Shot through w grey gtz, white carbonate veins and veinlets. Very difficult to determine exact lithology but has appearance of an altered, silicified dyke in some places and a texture more reminiscent of the gneiss in others. The nature of the muddy beige, siliceous rock is very unclear. It is aphanitic with angular to subrounded fragments/crystals (10-15%) which may be bx clasts or phenocrysts. Most of these fragments appear to be gtz (or at least to have been replaced by gtz) the smaller darker spots apparent in the unit are small ^{crystals of} silver to bluish-silver mineral (osp? ap? molybdenite?). Blue tone looks like malachite but streak is a deep charcoal black as would be expected from graphite. Brown, oxidized patches radiate from fractures, and stringers.					Silica	m-s	ap?	disg	1%	gtz veinlets	2-6mm	3					G-982180	80.75	81.70	
									lim	w	Sr?	Sfg	tr	SGP veinlets	1-3mm	3								
														gtz/carbonate veinlets	1-5mm	10								
														</										

Geological log Emily Miller

													Hole no:	08GY-23		Az:		Dip:		p 8/14				
					Structure				Alteration		Mineralization			Veining						Samples				
From	To	Rx code	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	habit	%	type	thickness mm	density	CA	Strike	dip	Sample no	From	To	Notes	
75.05	78.15	Crush	crushed gneiss	pale grey-green to white, clay rich jumbled rock. consists of qtz and what appear to be altered gneissic clasts (35-45%) in a light green to white clay matrix (55-65%) There are several qtz/SGP veins that variably appear to cut across the jumbled material or to be just as brecciated as the surrounding clasts. whether this is a function of their higher competency compared to the surrounding rock or a textural feature acquired due to the jumbled/brecciated nature of the rock is difficult to determine. The clasts are angular to subangular and are very poorly sorted ranging in size from mm sized sand to 10cm clasts. It is difficult to tell whether the brecciation was caused by motion such as that along a fault but either way it does not appear likely that the movement was greatly this is just a hypothesis and interpretation. L.C. gradual in nature. Contact point chosen at a reasonably sharp change between extremely crushed material and more competent less broken up material.					chl	w	gp?	sfs	tr	qtz	3-5mm	1	var				G982175	75.05	76.28	Contains chloritoid contact zone
									clay	m-s	py?	sfs	tr	SGP	4-6mm	3	var				176	76.28	77.23	
									ser	m											177	77.23	78.15	Contains poss fault gouge

L.C. Rubby, slight gradation to brecciated texture. difficult to pinpoint exactly but definitely occurs 10m from fault of jumbled rock

Geological log

														Hole no: 0864-23		Az:		Dip:		p 7/14			
						Structure				Alteration		Mineralization		Veining					Samples				
From	To	Rx code	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	habit	%	type	thickness mm	density	CA	Strike	dip	Sample no	From	To	Notes
69.23	72.20	GNIS	Gneiss-	grey-blue, green foliated/banded rock.					Silica	w	gp	sfg	1%	Sx stringers	0.001-1mm	15	Var			G982168	69.25	70.16	
				SGP mineralized very similar lithology to host of above					Ser	m	Sx	sfg	1%	SGP veins	4mm-10mm	5	Var			169	70.16	71.37	
				Fault zone. Abundant stringers +					Clay	w-m	Py	string	2%	SGP veinlets	1-2mm	3	Var			170	LOW	std	Oreos 50 Pb
				veins cut the gneiss. Stringer composition					chl	m	Py	dissem?	tr	chl stringers	1-3mm	8	Var			171	71.37	72.20	
				almost evenly split between Sx, SGP +					lim	v.w	Sx	string	1%										
				Chl. The abundant veining gives the																			
				gneiss a broken up appearance. A couple																			
				of the large SGP veins show a																			
				brecciated texture + many of them																			
				contain large + abundant vugs.																			
				Unlike previous gneissic units limonite alteration																			
				is generally very subdued and restricted																			
				to fractures and a few stringers. There																			
				appears to be some disseminated pyrite																			
				but it is difficult to tell whether it																			
				is stringer controlled or truly disseminated.																			
				Many of the Sx stringers appear to																			
				parallel foliation. This unit has a greater																			
				degree of silicification than above gneisses																			
				L.C. Sharp contact w/ below intrusion																			
				CA: 55°																			
72.20	75.05	Dyke	Andesite(?) dyke	dark green-grey rhyolitic unit					Chl	m-s	gp?	sfg?	tr	gtz carbonate	0.5-4mm	8	Var			G982172	72.20	73.25	
				sub lighter green pts may be altered phenocrysts					Clay	m	Py?	sfg?	tr							173	73.25	74.40	less crumbly than below + above
				(olivine? pyroxene?). Rock is pervasively altered																174	74.40	75.05	rafts? of lower unit included
				and has a "crushed" appearance. Difficult																			
				to tell whether crushed appearance is solely																			
				due to alteration or if it was influenced																			
				by movement. "Crush" appearance is more																			
				intense near the contact.																			
				White gtz-carbonate veins cross-cross																			
				unit. Difficult to tell whether the slight																			
				grey colour of some of these veins is																			
				due to the presence of gp?/Py? or simply																			
				the rock showing through the gtz. Veins																			
				have appearance of filling irregular fractures																			
				or having been fractured after formation																			
				L) 74.65-75.05 contact zone? v. crumbly																			
				lower unit has blebs within dyke...																			
				in sec. raft of this lower material or																			
				due to irregular contact																			

L.C. reasonably sharp, wavy, CA. 40°
 Zone of higher al alteration continues a
 r. r. run into lower unit

Geological log

[illegible]

Geological log Emily

[illegible]

Still has SGP
rem bts

Strangers or a primary relationship is difficult to determine. Alteration seems to almost make foliation more visible at least not than

1. Method of selection

45.36 46.18

[illegible]

Geological log

													Hole no:	08GY-23			Az:	Dip:			p 3/14			
					Structure				Alteration		Mineralization			Veining						Samples				
From	To	Rx code	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	habit	%	type	thickness mm	density	CA	Strike	dip	Sample no	From	To	Notes	
	31.05	GN	GNEISS	Similar to above unit but less limonitic alt. lt. gy w minor lt green colour. Foliation is weak wavy and distorted. Bands consist of qtz bands (0.3cm - 0.5cm thick), plagioclase & lt. green bands 2-3mm thick and thin gy bands 1mm thick. Again several qtz + K feldspar xls are found in (0.3-3cm) fabric that have not been stretched -> pyrite protolith? Sericite + clay alt. weak. Thin spg veinlets occur 1-3mm thick C - 15° to C.A and may also follow/infiltrate darker foliated bands. Tr. pyrite throughout sometimes could be 0.5% often near dlc foliations + veinlets. L.C. Gradual.	FRAC	60	025	72	cl.	w	py	dis	tr	cl. qtz	4	1	135	064	88	2124	28.0	29.0		
						135	093	65	ser	w		blebs	0.5%	dk. qtz spc	1-5	15	135	082	78	2125	29.0	30.14		
																	115	050	81	2126	30.4	31.05		
																	115	062	63					
31.05	36.52	CROSH	CRUSHED (S) PG?	Colour is dull lt. gy. Intense clay alt. + m. ser. alt. has caused rock to be fragile. Texture looks as if rock has been crushed in on itself. Protolith is uncertain but is likely the above gneiss (similar mineralogy) by colour likely due to sfg sulph. + gp. This mineralization? is throughout but also concentrated in stringers that percolate through weakens in the rock and often found on rd. Brkgs. Rock is intensely fractured. Several Brkgs have glossy feel + look to them (recrystallisation?) + visible slicks. No visible pyrite or gp. L.C. Sharp blocky.					ser	m	sulph?	sfg	1%?	(S) PG	1-8	15	Rm				2127	31.05	32.08	
									clay	i	sp?	sfg	1%?	stringers							2128	32.08	33.52	
																					2129	33.52	34.55	
																					2130	34.55	35.4	
																					2131	35.4	36.0	
																					2132	36.0	36.52	

Geological log

					Hole no:	0864-23		Az:	318		Dip:	-50		p 2/14										
					Structure				Alteration		Mineralization			Veining					Samples					
From	To	Rx code	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	habit	%	type	thickness mm	density	CA	Strike	dip	Sample no	From	To	Notes	
8.12	10.90	GR.SYN	GREEN ALTERED SYENITE	- Rusty green syenite. Txt. of unit is C.G. intrusive w megacrysts of K-fspar. Green colour likely a result of sericite alt. w patching to total overprinting of limonite. Kfspar seems to be the greenest of colour, plagioclase gone a creamy rusty colour, amphiboles a darker br. Qtz remains unaltered and gives rock a speckled appearance. Rock is mod. fractured + has lightly br and cemented w soft clay seams. L.C. is abrupt but in rubble → No plane.					ser.	m				clay/qtz	1-5	15	rdm				2107	8.12	9.68	
									lim	m							155	115	76		2108	9.68	10.04	
																					2109	10.04	10.90	
																	60	328	26		2110	LOW	STD	DREASSOPB
																	130	125	31					
																	70	357	34					
																	140	300	40					
																	150	337	26					
														dk qtz	5	1	45	045	84					
				L: 9.68 - 10.04 m = Fault gouge. Clay = mainly qtz clasts. U.C. @ 30° to C.A. L.C. @ 25°. —→ LC Both abrupt, planar.																				
10.90	28.00	GN.	ALT. GNEISS	- unit is generally rusty colour w lt green-cream colour. Texture is weakly foliated and distorted (sheared). Banding consists of light material qtz plagioclase + fspars (0.3cm thick) interlayered within thin rusty mafic bands (0.1cm thick). Fabric looks like it's behaved both brittle + ductile deformation as occasional unstretched angular clasts of mainly qtz + fspars are found in unit. Protolith could be a syenite? Ser/clay alt. throughout (w) giving it a creamy green colour. Limonitic alt. appears to overprint as patchy, completely + within natural weaknesses of the rock. Cl. + dk qtz occur as stringers usually separately but occasionally together w dk qtz on outside. Range of thickness 1-8mm. Rock is w-m. Fractured. Minor MnO ₂ staining along w FeOx on natural breaks and along	frac.	45	008	40	ser	w	sulph	sfg	tr	clay/Qtz	1-8mm	8	140	042	62		2111	10.90	12.19	
					frac.	145	352	24	clay	w	gp	sfq	tr				130	332	20		2112	12.19	13.27	
					frac.	135	290	05	lim	w-m							120	110	27		2113	13.27	14.44	
					frac.	120	157	10									150	000	46		2114	14.44	15.80	
					frac.	50	000	26									140	115	56		2115	15.80	17.09	
					frac.	70	055	84									60	029	53		2116	17.09	18.95	
																	120	215	01		2117	18.95	20.28	
																	70	005	40		2118	20.28	21.60	
																	140	85	81		2119	21.60	23.00	
																	10'	225	09		2120	23.00	24.38	
																	35	340	52		2121	24.38	25.85	
																	140	092	48		2122	25.85	26.90	
																	125	100	64		2123	26.90	28.00	
																	50	052	80					
																	120	077	48					
																	160	110	70					
																	50	088	78					
														dk Qtz	1-2	1	rdm							

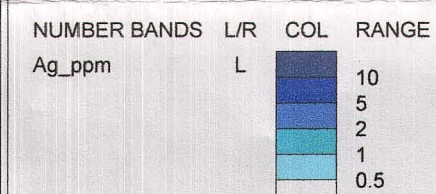
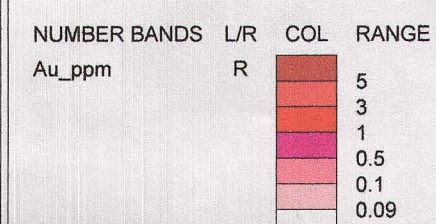
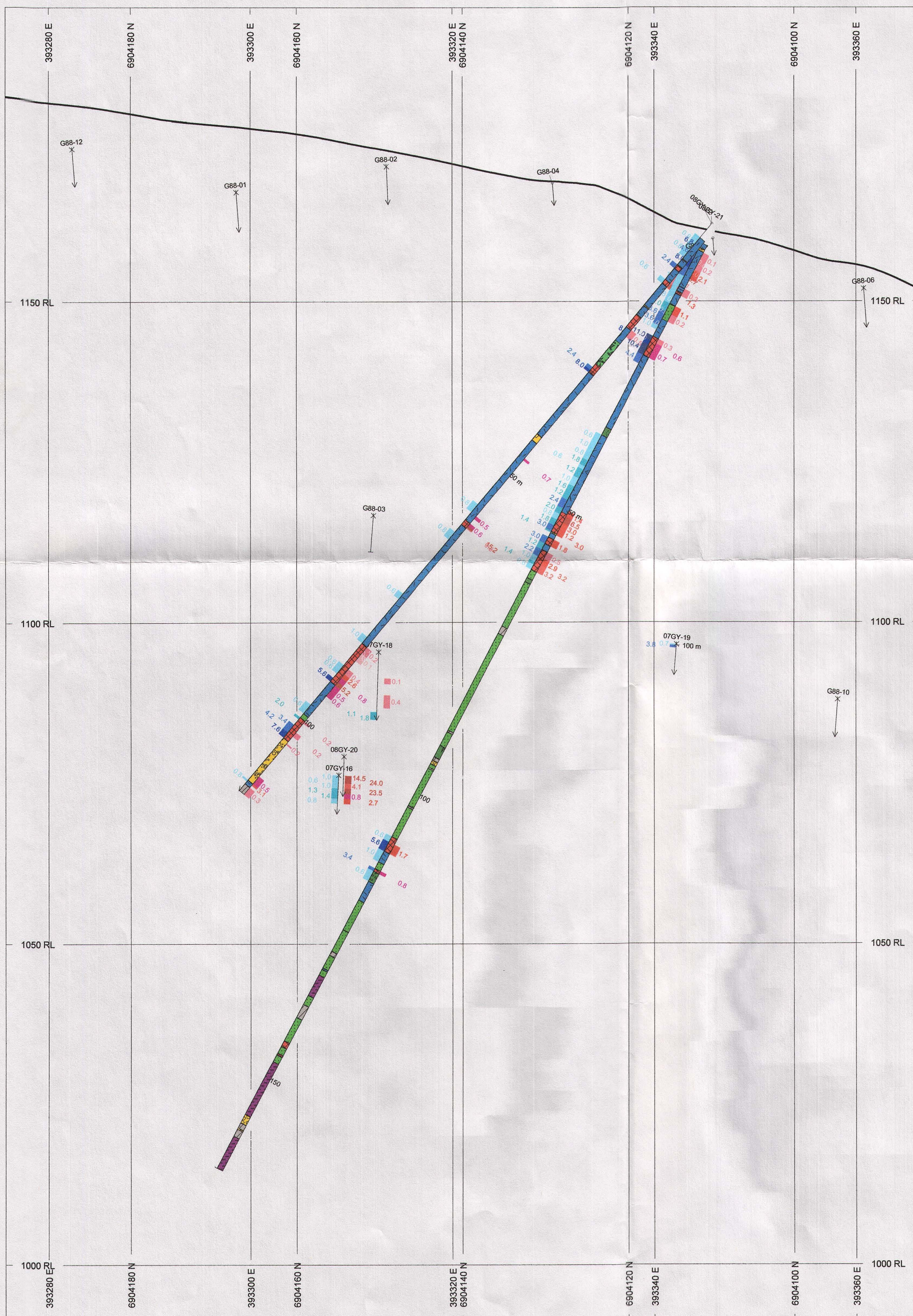
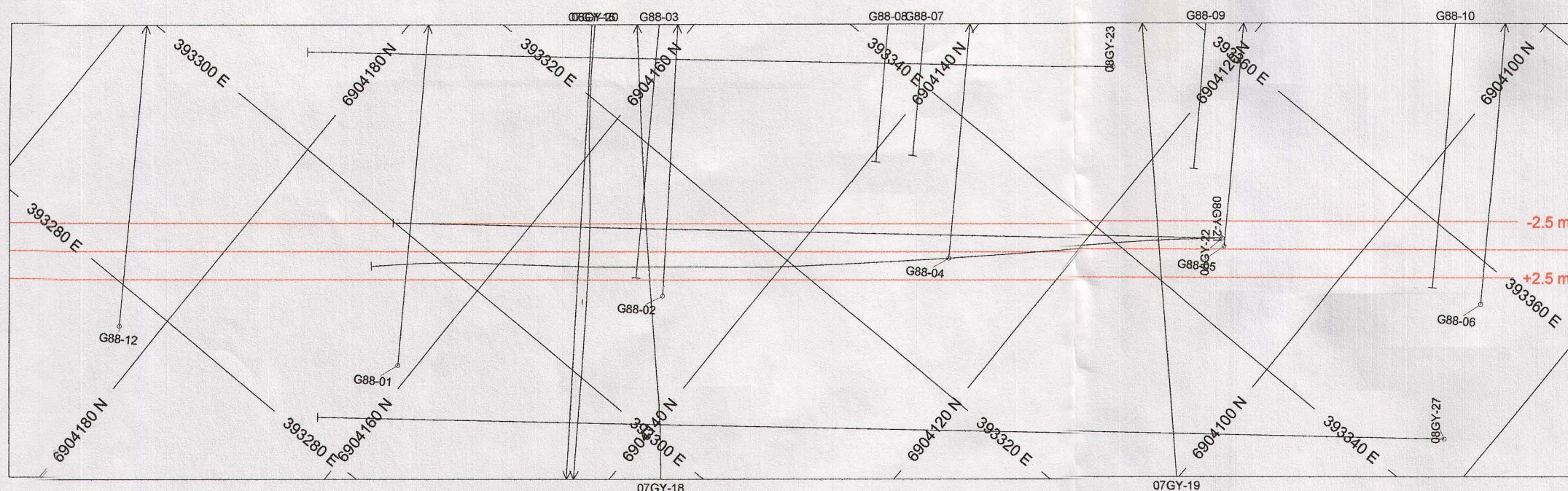
L: 17.09 - 18.95 - Flt gauge = clay + clasts
of above material UP. Cont. $\xrightarrow{\quad}$ VC 145 110 85

					Hole no:		086Y-23		Az:		318		Dip:		-52		p 1 / 14							
					Structure				Alteration		Mineralization			Veining					Samples					
m	m	Rx code	Rx Name	Description	Type	CA	Strike	dip	Type	intensity	mineral	habit	%	type	thickness mm	density	CA	Strike	dip	Sample no	From	To	Notes	
2.7	4.9	SPG2	SPG2?-RUBBLE	SPG2 is strongly fractured → rubble. Rubble consists of mainly wh/cl. qtz, SPG2, Fault Ggc?, + silicified bxs. SPG2 occurs as bxs with diss. + blebs of pyrite. White/d. qtz also has bx texture. Clasts are angular and are also cl/wh. qtz. Sxns and chunks of clay and ground up rock appear scattered throughout. Possible chunks of protolith in host may be present → silicified schist? weakly foliated w/ qtz + fspar bands + rusty mafic bands. All natural brkgs + fractures/cracks have rusty coating (limonite) L.C. in broken v. rubblely Sxn, abrupt no plane.					Silica	m-s	pyr.	diss. bles	1	cl. qtz	1-2	5	rdm				G982101	2.67	3.40	
									lim.	w-m											2102	3.40	4.20	
																					2102	4.20	4.90	
4.9	7.0	FLT GGE	FAULT GOUGE/CRACK	light yellow gy white rock. Consists of clay (cementation) with clast supported framework. Clasts are poorly sorted, angular - subangular mainly qtz (cl. + white) with possible clasts of vein bx (lt. gy sulph?) Upper 35 cm of unit is w-m silicified gradually becoming non-silicified. Unit is moderately fractured and again has rusty staining on brkgs + fissures/cracks. L.C. again is in rubblely zone, no plane and could be gradual.					Silic.	fr-w											2104	4.90	6.0	
									lim	w											2105	6.0	7.0	
7.0	8.12	SPG2	SPG2-BX	Lt gy transparent color. Texture of unit is a Bx. Clast supported bx w angular clasts. Clasts consist of 85% of SPG2 bx of variable size, remaining 15% of clasts appears to be clay alt. syenite? Mty (5-10%) is clay with rusty stain + minor qtz grains (1mm-3mm) Rock is moderately fractured. And has been weakly silicified. Light gy qtz is assumed to contain sfgr sulphides + graphite although no visibly ID.					Silic.	w	slph?	sfgr	<1								2106	7.0	8.12	
									ser.	v	gp?	sfgr	<1											

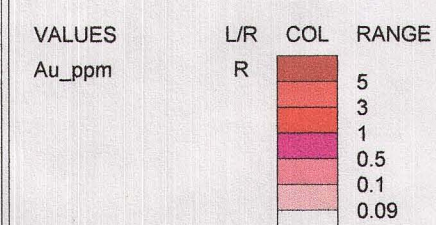
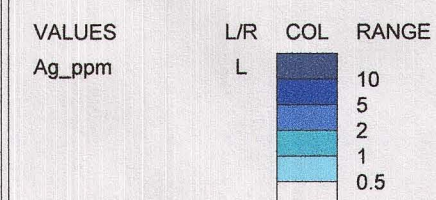
L.C. Abundant and @ 45° to C.A.

Appendix 2

08GY-21, 22, 23 Cross Sections

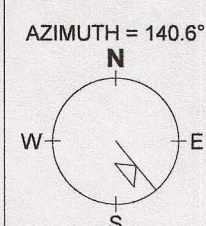
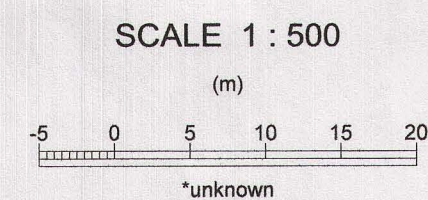


ROCK CODES	PAT	CODE	DESCRIPTION
Litho_1		AMP	Amphibolite
		AND	Andesite
		DYK	Dyke
		FAU	Fault
		FBX	Fault Breccia
		GNE	Gneiss
		OV	Overburden
		QFP	Quartz Feldspar Porphyry
		SCH	Schist
		SGP	Silica-graphite-Pyrite Mineralization
		SYE	Syenite
		CGP	Clay Graphite Pyrite Mineralization
		CRUSH	Crushed rock
		GOU	Fault Gouge
		MAI	Mafic Intrusive
		SGP2	Silica Graphite Pyrite mineralization style 2

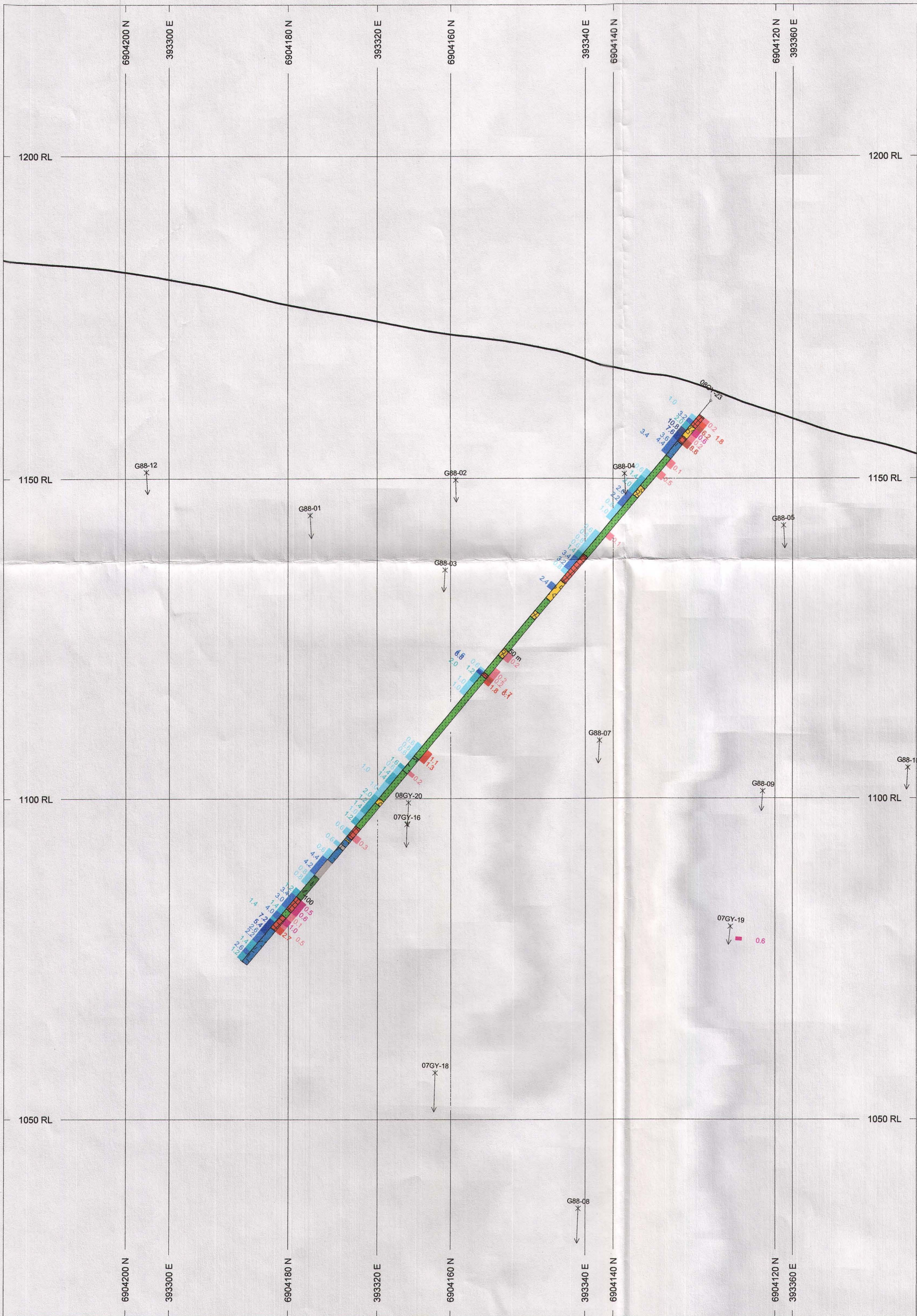
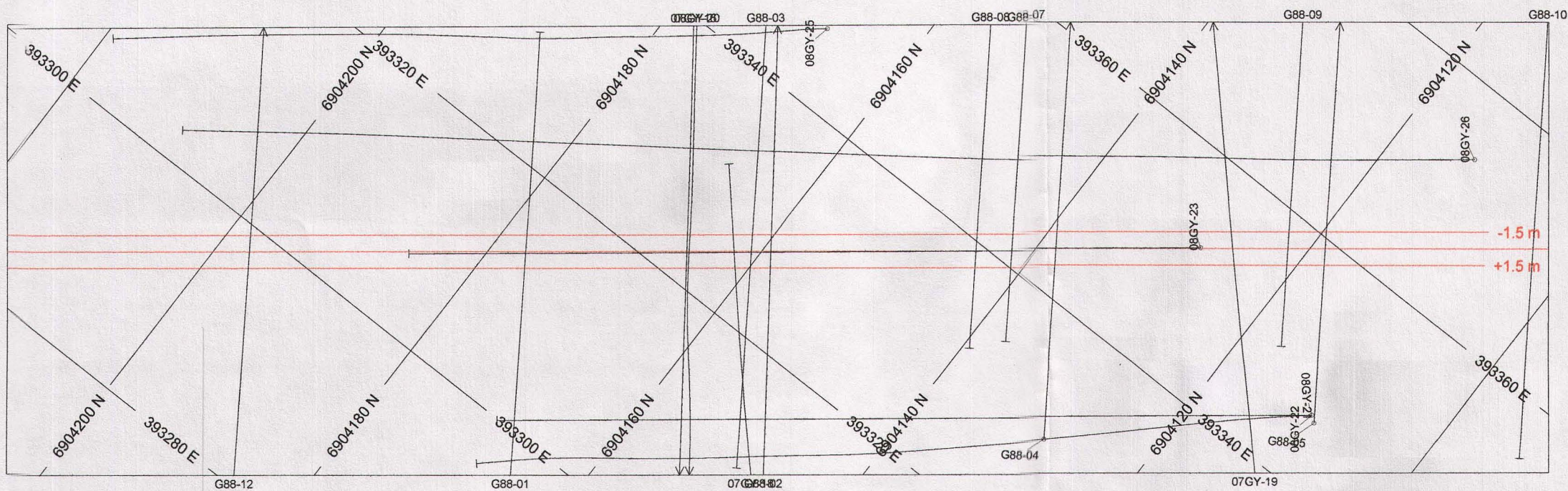


SECTION SPECS:

REF. PT. E, N 393321 m 6904140 m
 EXTENTS 142.7 m 204.3 m
 SECTION TOP, BOT 1195 m 991.2 m
 TOLERANCE +/- 2.545 m



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 Figure6:
 08GY-21 and 08GY-22



NUMBER BANDS	L/R	COL	RANGE
Au_ppm	R		5 3 1 0.5 0.1 0.09

NUMBER BANDS	L/R	COL	RANGE
Ag_ppm	L		10 5 2 1 0.5

ROCK CODES	PAT	CODE	DESCRIPTION
Litho_1		AMP	Amphibolite
		AND	Andesite
		BRX	Breccia
		DYK	Dyke
		FAU	Fault
		GNE	Gneiss
		UNK	Unknown
		SGP	Silica-graphite-Pyrite Mineralization
		SYE	Syenite

VALUES	L/R	COL	RANGE
Au_ppm	R		5 3 1 0.5 0.1 0.09

VALUES	L/R	COL	RANGE
Ag_ppm	L		10 5 2 1 0.5

SECTION SPECS:
 REF. PT. E, N 393328 m 6904159 m
 EXTENTS 142.7 m 204.3 m
 SECTION TOP, BOT 1223 m 1019 m
 TOLERANCE +/- 1.5 m

SCALE 1 : 500
(m)

-5 0 5 10 15 20
*unknown

AZIMUTH = 142°

N
W E
S

Goldy
Figure7:
08GY-23