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2007 Drilling Assessment Report

on the

Nucleus Zone, Freegold Mountain Property



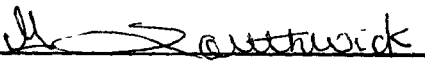
**Freegold Mountain Area
NTS 115 I/6
Lat. 62°20'N, Long. 137°16'W
Whitehorse Mining District**

**Prepared for:
Northern Freegold Resources Ltd.
Box 31293
Whitehorse, YT
Y1A 5P7**

**Report Prepared by:
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Erin M. Edwards, A.Sc.T.**

**December 21, 2007
Period of Work:
June 2nd, 2007 to June 10th, 2007**

Costs associated with this report have been
approved in the amount of \$ 45,200.00
for assessment credit under Certificate of Work
No. QW 28088



Mining Recorder
Whitehorse Mining District

094837

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 45,200.00.

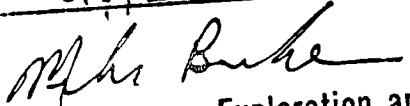

Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

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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 June 2nd and September 4th 2007, 6312.5 meters in twenty-eight holes were drilled within the Nucleus Zone. This report covers the work done on two holes, GRD07-41 and 42 which were applied for as part of assessment filing.

GRD07-41 was the first hole of the program this season and hole GRD07-42 was drilled to the north to test the extent of mineralization in the area. GRD07-41 was drilled to a depth of 262.2 meters at an azimuth of 273° and a dip of -49°, and Hole 42 was drilled to a depth of 208.2 meters at an azimuth of 270° and a dip of -50°. The holes were considered successful with GRD07-41 returning significant results including 72 meters of 2.5 g/t Au and 0.14% of Cu, and GRD07-42 returned 48 meters of 0.36g/t and 0.17% Cu, with an additional 27.2 meters of 0.47g/t and 0.18% Cu.

Hole GRD-06-041 confirmed that mineralization in the Nucleus zone extends east of the previously drilled area, and that there is a higher grade zone with visible gold in veins that appears to be trending to the east across the middle of the Nucleus Zone. Hole GRD-07-042 confirmed that copper with lesser gold continues to the east. The results suggests that follow up drilling should be done east of GRD-07-041 to test the extent of the high grade zone.

Chapter 1 – Introduction

A. Introduction

Diamond drill hole GRD07-41 was started June 2nd, 2007 and completed June 7th, 2007. GRD07-42 was started June 7th, 2007 and completed June 10th, 2007. Both holes were drilled within the Nucleus Zone by Kluane Drilling Limited.

B. Location and Access

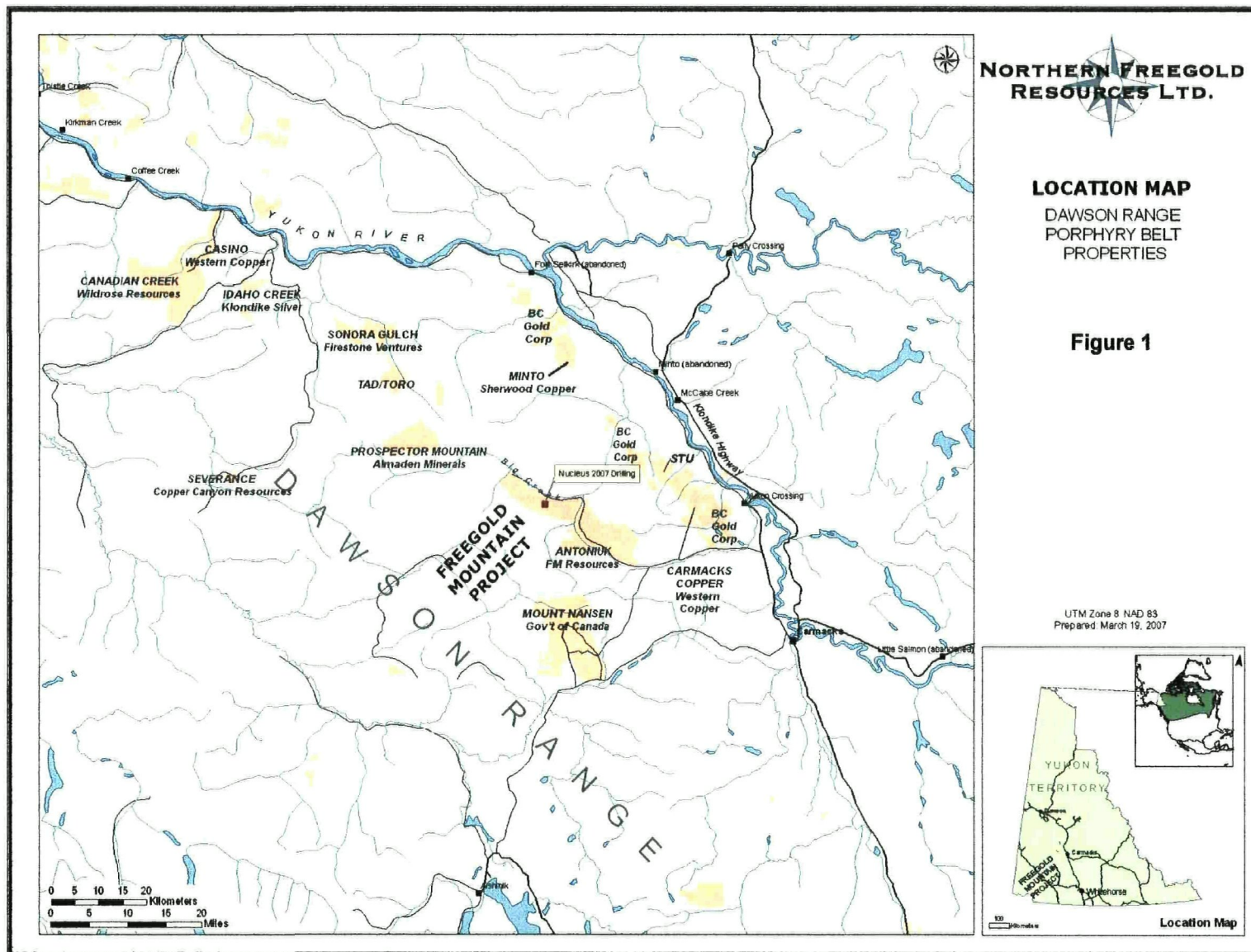
The property is located in the Dawson Range on NTS Map Sheet 115 I/6 centred at latitude 62° 20'N and longitude 137°16'W. The claims are accessible via the Freegold Road, a government maintained gravel road. Four-wheel drive roads access the zones of the property from the Freegold Road. Several cat trails on the claims provide access to trenches and drill sites. The total road distance from Carmacks to the base camp at Revenue Creek is 85 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 (after Pautler, 2006a). 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 (3,500 feet). 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 May until October.



D. Claims Worked and Filed On

Diamond Drill holes GRD07-41 and 42 are located on claim Revenue 16 (YC24020). The drilling on the above claim was applied to the claims listed in Table 1 below:

Table 1: Claims Work Applied To

Claim Name	Grant No.	Expiry Prior to Filing	Years Filed	\$ Work Filed	NewExpiry Date*
Mag 001	YC30165	25-Oct-09	3	300	25-Oct-12
Mag 002	YC30166	25-Oct-09	3	300	25-Oct-12
Mag 003	YC30167	25-Oct-09	3	300	25-Oct-12
Mag 004	YC30168	25-Oct-09	3	300	25-Oct-12
Mag 005	YC30169	25-Oct-09	3	300	25-Oct-12
Mag 006	YC30170	25-Oct-09	3	300	25-Oct-12
Mag 007	YC30171	25-Oct-09	3	300	25-Oct-12
Mag 008	YC30172	25-Oct-09	3	300	25-Oct-12
Mag 009	YC30173	25-Oct-09	3	300	25-Oct-12
Mag 010	YC30174	25-Oct-09	3	300	25-Oct-12
Mag 011	YC30175	25-Oct-09	3	300	25-Oct-12
Mag 012	YC30176	25-Oct-09	3	300	25-Oct-12
Mag 013	YC30177	25-Oct-09	3	300	25-Oct-12
Mag 014	YC30178	25-Oct-09	3	300	25-Oct-12
Mag 015	YC30179	25-Oct-09	3	300	25-Oct-12
Mag 016	YC30180	25-Oct-09	3	300	25-Oct-12
Mag 017	YC30181	25-Oct-09	3	300	25-Oct-12
Mag 018	YC30182	25-Oct-09	3	300	25-Oct-12
Mag 019	YC30183	25-Oct-09	3	300	25-Oct-12
Mag 020	YC30184	25-Oct-09	3	300	25-Oct-12
Mag 021	YC30185	25-Oct-09	3	300	25-Oct-12
Mag 022	YC30186	25-Oct-09	3	300	25-Oct-12
Mag 023	YC30187	25-Oct-09	3	300	25-Oct-12
Mag 024	YC30188	25-Oct-09	3	300	25-Oct-12
Mag 025	YC30189	25-Oct-09	3	300	25-Oct-12
Mag 026	YC30190	25-Oct-09	3	300	25-Oct-12
Mag 027	YC30191	25-Oct-09	3	300	25-Oct-12
Mag 028	YC30192	25-Oct-09	3	300	25-Oct-12
Mag 029	YC30193	25-Oct-09	3	300	25-Oct-12
Mag 030	YC30194	25-Oct-09	3	300	25-Oct-12
Mag 031	YC30195	25-Oct-09	3	300	25-Oct-12
Mag 032	YC30196	25-Oct-09	3	300	25-Oct-12
Mag 033	YC30197	25-Oct-09	3	300	25-Oct-12
Mag 034	YC30198	25-Oct-09	3	300	25-Oct-12
Mag 035	YC30199	25-Oct-09	3	300	25-Oct-12
Mag 036	YC30200	25-Oct-09	3	300	25-Oct-12
Mag 037	YC37001	25-Oct-09	3	300	25-Oct-12
Mag 038	YC37002	25-Oct-09	3	300	25-Oct-12
Mag 039	YC37003	25-Oct-09	3	300	25-Oct-12
Mag 040	YC37004	25-Oct-09	3	300	25-Oct-12
Mag 041	YC37005	25-Oct-09	3	300	25-Oct-12
Mag 042	YC37006	25-Oct-09	3	300	25-Oct-12
Mag 043	YC37007	25-Oct-09	3	300	25-Oct-12
Mag 044	YC37008	25-Oct-09	3	300	25-Oct-12
Froh 021	YC40917	28-Oct-09	2	200	28-Oct-12
Froh 022	YC40918	28-Oct-09	2	200	28-Oct-12

Froh 023	YC40919	28-Oct-09	2	200	28-Oct-12
Froh 024	YC40920	28-Oct-09	2	200	28-Oct-12
Froh 026	YC40922	28-Oct-09	2	200	28-Oct-12
Froh 027	YC40923	28-Oct-09	2	200	28-Oct-12
Froh 028	YC40924	28-Oct-09	2	200	28-Oct-12
Froh 025	YC40921	28-Oct-09	2	200	28-Oct-12
Froh 047	YC47223	4-Jul-10	2	200	4-Jul-12
Froh 048	YC47224	4-Jul-10	2	200	4-Jul-12
Froh 049	YC47225	4-Jul-10	2	200	4-Jul-12
Froh 050	YC47226	4-Jul-10	2	200	4-Jul-12
Froh 051	YC47227	4-Jul-10	2	200	4-Jul-12
Froh 052	YC47228	4-Jul-10	2	200	4-Jul-12
Froh 053	YC47229	4-Jul-10	2	200	4-Jul-12
Froh 054	YC47230	4-Jul-10	2	200	4-Jul-12
Froh 055	YC47231	4-Jul-10	2	200	4-Jul-12
Froh 056	YC47232	4-Jul-10	2	200	4-Jul-12
Froh 057	YC47233	4-Jul-10	2	200	4-Jul-12
Froh 064	YC47240	4-Jul-10	2	200	4-Jul-12
Froh 065	YC47241	4-Jul-10	2	200	4-Jul-12
Froh 066	YC47424	20-Jul-07	5	500	20-Jul-12
Froh 067	YC47425	20-Jul-07	5	500	20-Jul-12
Froh 068	YC47426	20-Jul-07	5	500	20-Jul-12
Froh 069	YC47427	20-Jul-07	5	500	20-Jul-12
Froh 070	YC47428	20-Jul-07	5	500	20-Jul-12
Au 008	YC47242	4-Jul-10	2	200	4-Jul-12
Au 009	YC47243	4-Jul-10	2	200	4-Jul-12
Au 010	YC47244	4-Jul-10	2	200	4-Jul-12
Au 011	YC47245	4-Jul-10	2	200	4-Jul-12
Au 012	YC47246	4-Jul-10	2	200	4-Jul-12
Au 013	YC47247	4-Jul-10	2	200	4-Jul-12
Au 014	YC54143	11-Oct-07	5	500	11-Oct-12
Au 015	YC54144	11-Oct-07	5	500	11-Oct-12
Au 016	YC54145	11-Oct-07	5	500	11-Oct-12
Au 017	YC54146	11-Oct-07	5	500	11-Oct-12
Au 018	YC54147	11-Oct-07	5	500	11-Oct-12
Nuc 008	YC47421	20-Jul-07	5	500	20-Jul-12
Nuc 009	YC47422	20-Jul-07	5	500	20-Jul-12
Nuc 010	YC47423	20-Jul-07	5	500	20-Jul-12
Big 034	YC54330	31-Oct-07	5	500	31-Oct-12
Big 035	YC47429	20-Jul-07	5	500	20-Jul-12
Big 036	YC47430	20-Jul-07	5	500	20-Jul-12
Big 037	YC47431	20-Jul-07	5	500	20-Jul-12
Big 038	YC47432	20-Jul-07	5	500	20-Jul-12
Big 039	YC47433	20-Jul-07	5	500	20-Jul-12
Big 040	YC47434	20-Jul-07	5	500	20-Jul-12
Big 041	YC47435	20-Jul-07	5	500	20-Jul-12
Big 042	YC47436	20-Jul-07	5	500	20-Jul-12
Big 043	YC47437	20-Jul-07	5	500	20-Jul-12
Big 044	YC47438	20-Jul-07	5	500	20-Jul-12
Big 045	YC47439	20-Jul-07	5	500	20-Jul-12
Big 046	YC47440	20-Jul-07	5	500	20-Jul-12
Big 047	YC47441	20-Jul-07	5	500	20-Jul-12
Big 048	YC47442	20-Jul-07	5	500	20-Jul-12
Big 049	YC47443	20-Jul-07	5	500	20-Jul-12
Big 050	YC47444	20-Jul-07	5	500	20-Jul-12

Big 051	YC53685	11-Aug-07	5	500	11-Aug-12
Big 052	YC53686	11-Aug-07	5	500	11-Aug-12
Big 053	YC53687	11-Aug-07	5	500	11-Aug-12
Big 054	YC53688	11-Aug-07	5	500	11-Aug-12
Big 055	YC53689	11-Aug-07	5	500	11-Aug-12
Big 056	YC53690	11-Aug-07	5	500	11-Aug-12
Big 057	YC53691	11-Aug-07	5	500	11-Aug-12
Big 058	YC53692	11-Aug-07	5	500	11-Aug-12
Big 059	YC47445	20-Jul-07	5	500	20-Jul-12
Big 060	YC47446	20-Jul-07	5	500	20-Jul-12
Big 061	YC47447	20-Jul-07	5	500	20-Jul-12
Big 062	YC47448	20-Jul-07	5	500	20-Jul-12
Big 063	YC47449	20-Jul-07	5	500	20-Jul-12
Big 064	YC47450	20-Jul-07	5	500	20-Jul-12
Big 065	YC47451	20-Jul-07	5	500	20-Jul-12
Big 066	YC47452	20-Jul-07	5	500	20-Jul-12
Big 067	YC47453	20-Jul-07	5	500	20-Jul-12
Big 068	YC47454	20-Jul-07	5	500	20-Jul-12
Big 069	YC47455	20-Jul-07	5	500	20-Jul-12
Big 070	YC47456	20-Jul-07	5	500	20-Jul-12
Big 071	YC47457	20-Jul-07	5	500	20-Jul-12
Big 072	YC47458	20-Jul-07	5	500	20-Jul-12
Big 073	YC47459	20-Jul-07	5	500	20-Jul-12
Big 074	YC47460	20-Jul-07	5	500	20-Jul-12

*pending approval of this filing

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

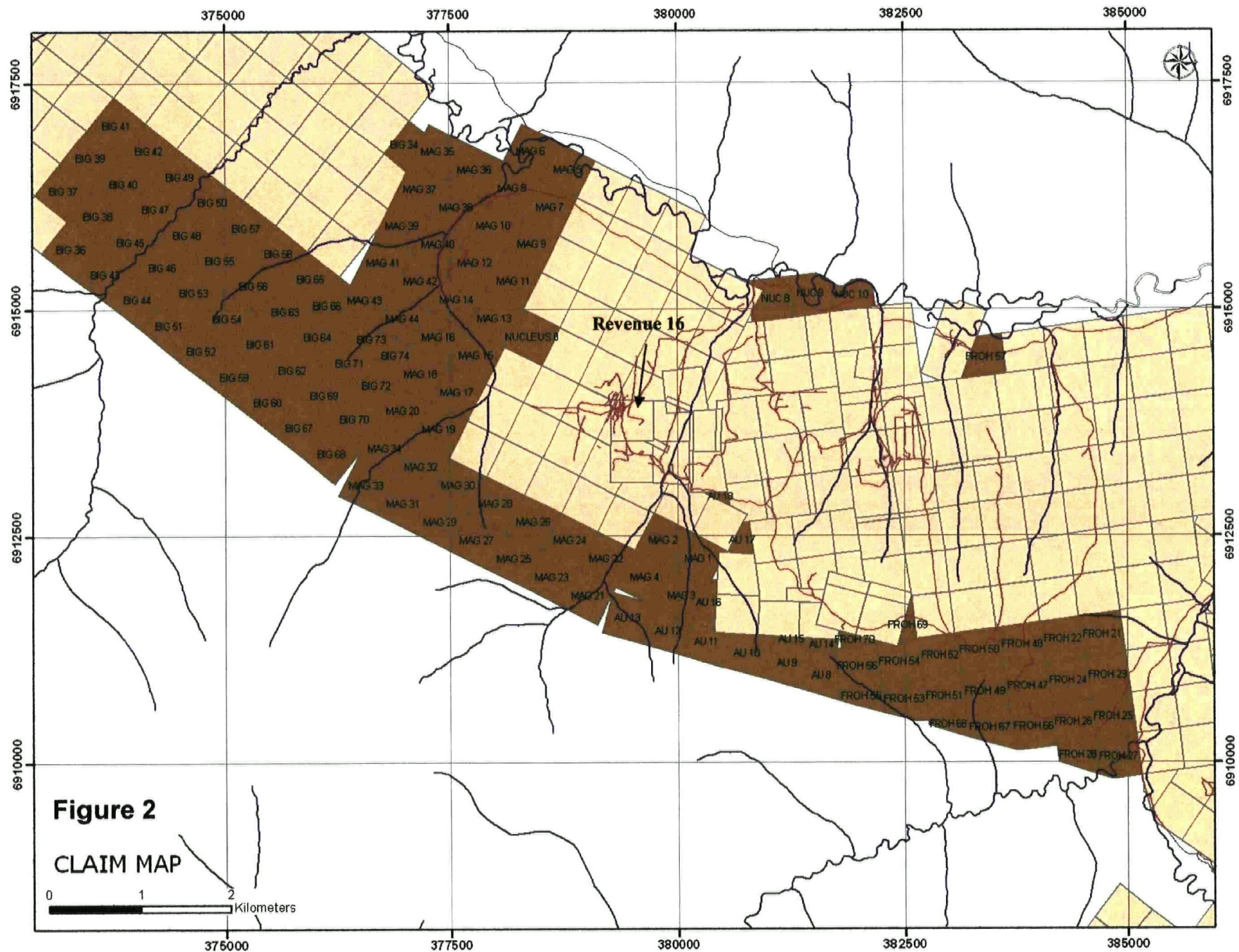


Figure 2
CLAIM MAP

0 1 2 Kilometers

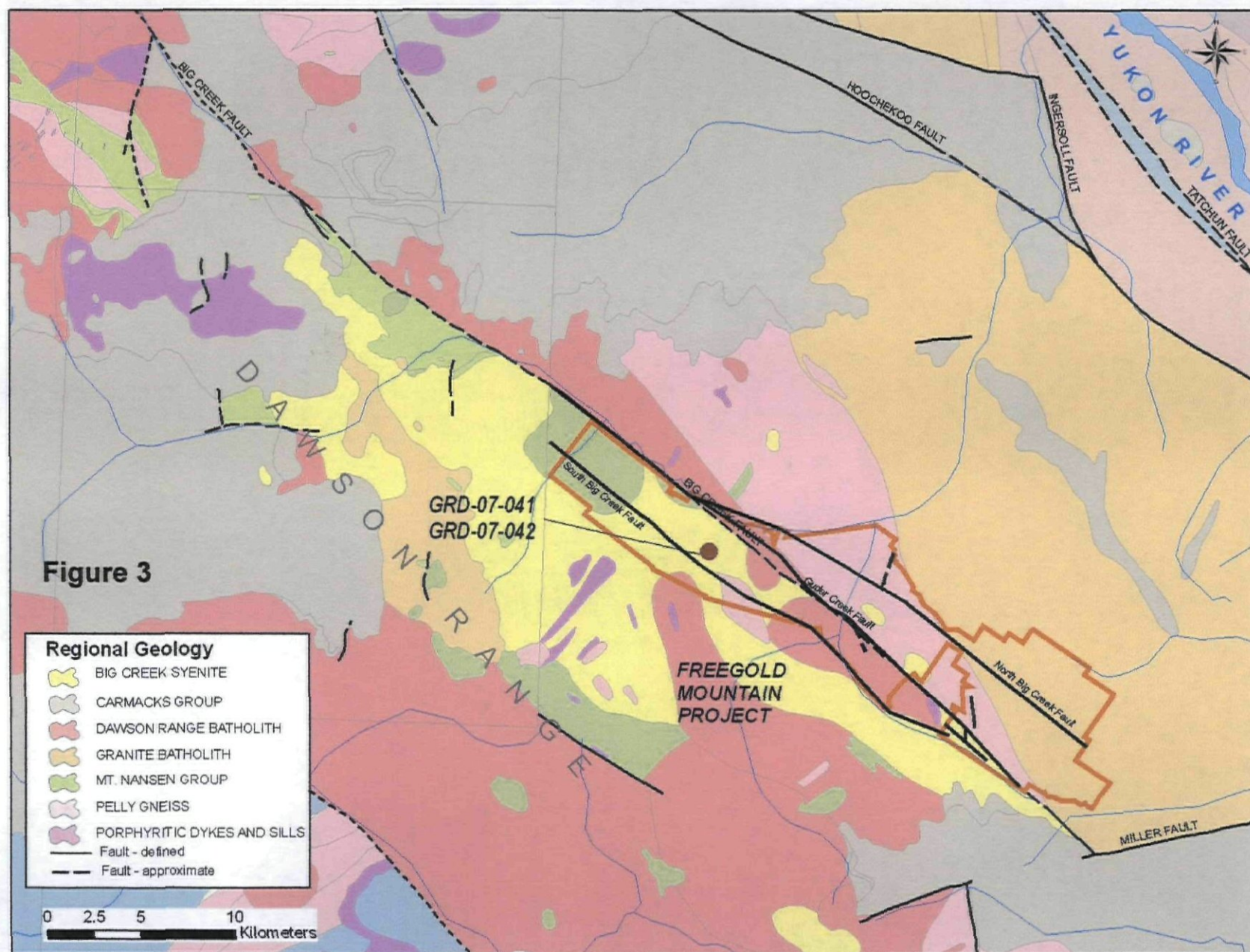
Chapter 2 – Regional and Property Geology

The Nitro, Nucleus, Revenue and Seymour 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.

The Devonian-Mississippian Pelly Gneiss (Figure 3) 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 rock types exhibit a penetrative foliation oriented northwest and dipping 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 miogeoclinal sediments that were deposited on the North American continental margin and accreted during late Triassic to early Jurassic times. Both of the Jurassic age Batholiths were deformed prior to the intrusion of the underformed mid Cretaceous Dawson Range batholith granite and granodiorite which likely was emplaced along the Big Creek Fault.

The mid-Cretaceous Mount Nansen Group consists of intermediate to felsic pyroclastic rocks dated at 105-100 Ma. Carmacks Group basalts, andesites and basal felsic volcanic rocks are of Upper Cretaceous age (75-70 Ma). Small plugs, quartz-feldspar porphyry dykes and sills and associated breccia bodies are closely associated with mineralization and have been related by various workers to the Mount Nansen Group, the Carmacks Group or the slightly younger, late Cretaceous, Prospector Mountain Suite.

Smuk et al. (1997), discussed age determinations for Mount Nansen volcanic and subvolcanic rocks (consistent mid-Cretaceous ages of 70 Ma) and Carmacks Group volcanic and intrusive rocks (consistent Late Cretaceous ages of 105 Ma), and showed that altered Mount Nansen dyke samples give reset ages between 94 Ma and 61 Ma. They proposed that a regional hydrothermal event of Late Cretaceous age related to Carmacks igneous activity altered the Mount Nansen age porphyritic dykes and formed base and precious metal veins. More recent age dating (Mortensen et al., 2003) has shown that mineralization in the nearby Mount Nansen district is associated with mid-Cretaceous emplacement of high-level felsic intrusions (Mt. Nansen volcanic suite).



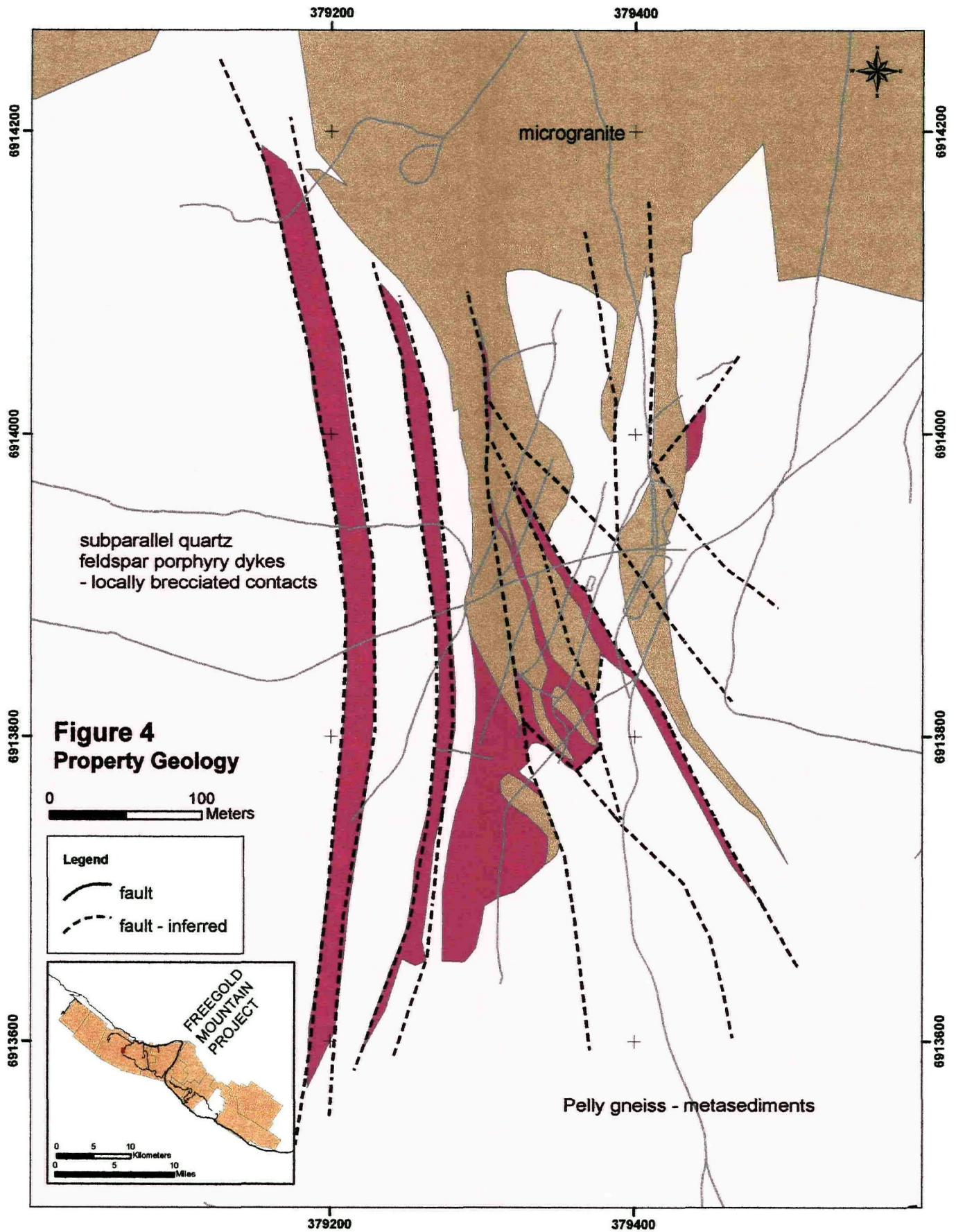
Property Geology

Mineralization within the area is associated with small plugs and breccia bodies that have intruded within an extensional rift environment, bounded by northwest trending faults that are referred to in the literature as splays of the Big Creek Fault. These bounding faults have been identified and are now referred to as the North and South Big Creek Faults (Figure 3 and Pautler, 2006b). The North Big Creek Fault follows Big Creek in the Nitro, Big, Nuclues and Revenue areas. The southeastern portion of the North Big Creek Fault was previously postulated to follow Guder Creek (Pautler, 2006a). This fault does exist and has been renamed the Guder Creek Fault. It appears to mark a change in structural trends with a predominance of northerly dyke trends south of the fault and more west-northwesterly trends of veins and dykes, north of the fault. The South Big Creek Fault generally follows the break between the main body of the Big Creek Syenite to the south and the Pelly Gneiss (Yukon-Tanana Terrane) and Casino Granodiorite to the north, then follows the Seymour Creek valley in the southeast project area. South of Revenue Creek, the South Big Creek Fault is characterized by calcite breccias along the northern slope of Iris Creek.

The Nucleus Zone is a gold-biased gold-copper porphyry with a current drilled extent 300m wide by 400m long and 120m deep. Hosts rocks are Paleozoic metasediments (dominantly biotite schist) of the Yukon Tanana Terrane intruded by mid-Cretaceous granites and granodiorites of the Whitehorse Suite, Dawson Range Batholith (Figure 4). Mineralization appears to be concurrent with younger, mid to late Cretaceous, small felsic intrusions and quartz feldspar porphyry dykes (QFPs) belonging to either the Mt. Nansen Group or the Carmacks Group that crosscut the older units. A microgranite stock is located on the north side of the zone and related QFPs with brecciated and/or faulted margins trend northwest-southeast across the zone.

Mineralization occurs as quartz-sulphide veins and stringers, disseminated sulphides, breccias, in fault zones and in the QFPs. Visible gold is seen with quartz and chalcopyrite/pyrite/limonite veins in the gold-rich core of the zone. Quartz-sericite-pyrite (phyllic) alteration forms a halo around the richer parts of the zone and transitions outwards into kaolinite-sericite (argillic) alteration. There is also evidence of carbonate and biotite alteration zones. Lack of recent glaciation in the Dawson Range has produced a deeply weathered oxide zone which extends 50-100 m below surface and overprints hydrothermal alteration.

Placer gold is ubiquitous throughout the area. Operating placer mines draining the properties recover wire gold, rough nuggets with attached quartz and/or nuggets composed of magnetite and gold. Tungsten and bismuth minerals are common in placer concentrates from a number of creeks including Mechanic and Revenue Creeks, which drain the Nucleus property.



Chapter 3 - 2007 Diamond Drill Program

Nucleus Zone

Between June 2nd and September 4th 2007, twenty-eight diamond drill holes were completed in the Nucleus zone, for total of 6312.51m (20, 711.35feet).

The drilling contractor was Kluane Drilling Ltd. of Whitehorse. D-6 and D-7 bulldozers sub-contracted from H. Coyne and Sons Ltd. and Bud Gow of Whitehorse, were used to build drill sites and to move the drill between holes. There was no casing left intact following the 2007 drilling season.

Holes were drilled using NTW (thin wall) core size and little or no use of drill muds or other additives. Core recovery averaged 93% throughout the length of Hole 41, and averaged 92% throughout Hole 42, with the lower recovery values occurring at the top of the hole. The co-ordinates for the drill holes are as follows in the table below and the location of the holes is shown on Figure 5 on the following page:

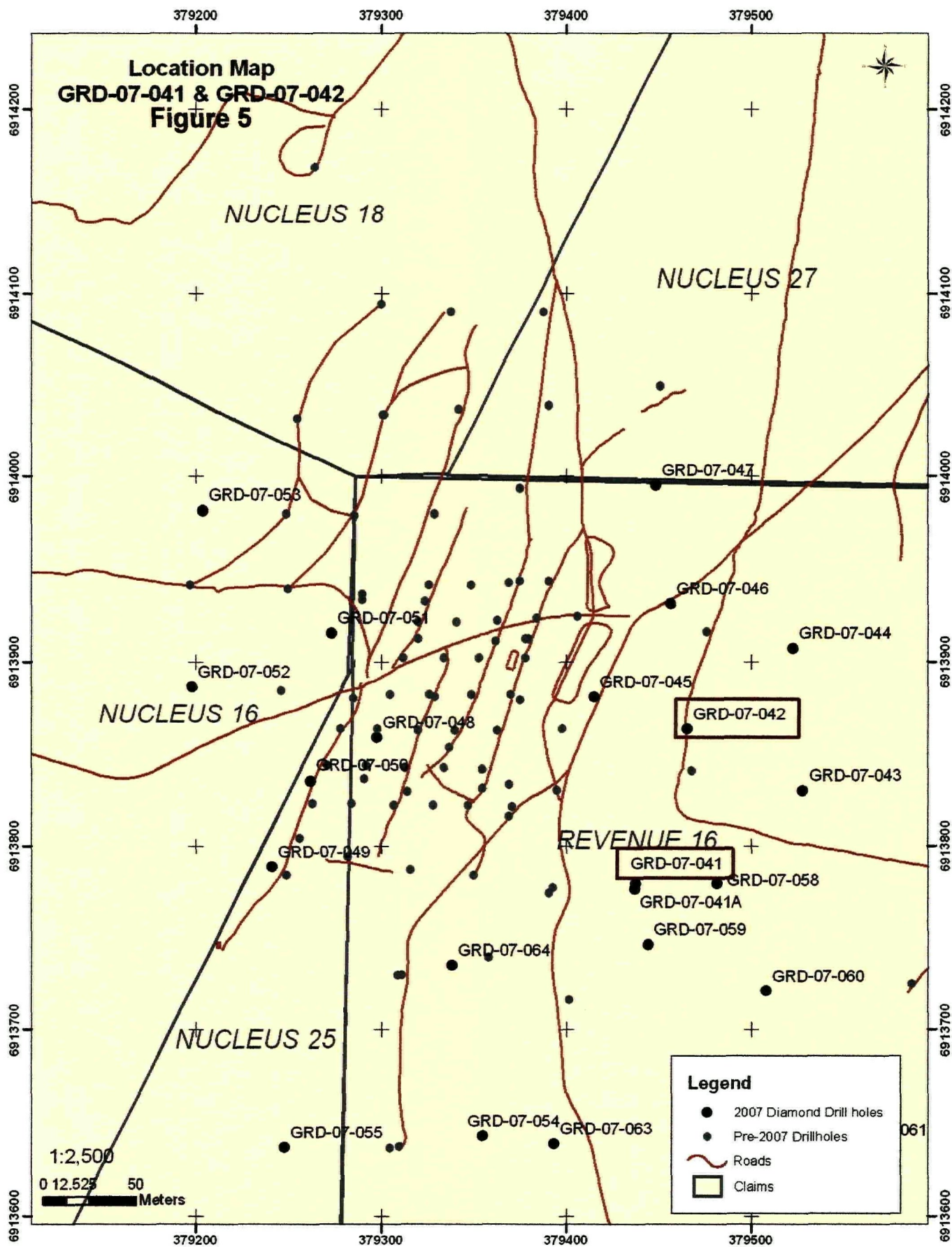
NUCLEUS DIAMOND DRILLING-2006

Table 1 UTM Zone 8 NAD 83

HOLE No.	EASTING	NORTHING	ELEVATION	DEPTH	AZIMUTH	DIP	SURVEY
GRD07-41	379450m	6913785m	905.45m	262.24m	273	-49	DGPS
GRD07-42	379465m	6913863m	906.54m	208.19m	270	50	DGPS

The drill core from both 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 1.60m (Hole 41) and 1.5m (Hole 42) 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 two samples of quarter core so that half of the core remains in the core box. The core boxes are stored at the Revenue camp and are stacked on pallets.

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, followed by aqua regia digestion and ICP finish; other elements are analysed by aqua regia digestion and 28 element ICP determinations. Material collected from outcrops of the 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.



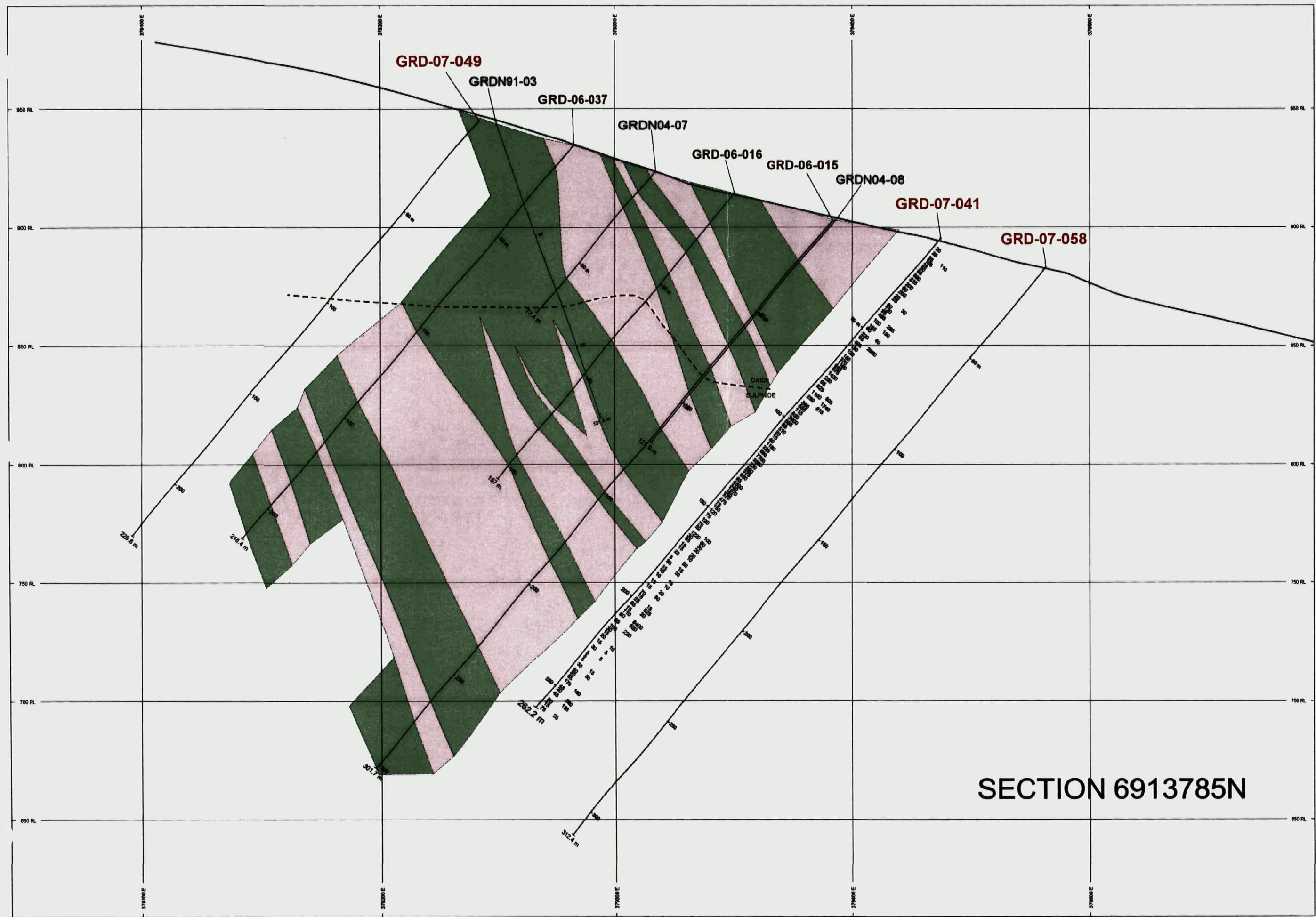
Hole GRD-07-041 intersected steep easterly dipping metasediments of the Pelly Gneiss unit comprising interbedded biotite-quartz schist and gneiss and chlorite-quartz schist and gneiss. The metasediments are intruded by late Cretaceous Carmacks Group hypabyssal intrusive rocks comprised of a microgranite plug and related feldspar porphyry and quartz feldspar porphyry dykes. Contacts between the porphyry and the metasediment are often brecciated and/or faulted. Below 120m an older, deeper mid Cretaceous intrusive of granite to granodiorite composition belonging of the Dawson Range Batholith, Whitehorse Suite intrudes the metasediments.

The depth of total oxidation in the hole is 47m; partial oxidation reaches down to 67m. Within this zone the rock is strongly weathered and fractured with pervasive limonite and intensive clay alteration, caused by both hydrothermal alteration and surface weathering. Within the oxidation zone, sulphide minerals have been replaced by limonite and lesser hematite and jarosite. Below the oxidation zone, the major sulphide minerals are primarily pyrite with lesser amounts of arsenopyrite and chalcopyrite. Minor metallic minerals are: gold, chalcocite, bornite, malachite and covellite. Mineralization is associated with sulphides and quartz in veins and stockworks, with brecciated dykes containing variable amounts of sulphides, and with disseminated sulphides in the matrix of porphyry dykes. The highest gold values in GRD-07-041 are associated with quartz-chalcopyrite-gold veins, faults, zones with heavy sulphides, and breccias. Significant intervals from GRD-07-041 are found in table 2 below.

Table 2. Nucleus Diamond Drilling 2007: Significant Intersections GRD-07-41

Hole Number GRD07-41	From(m)	To(m)	Thickness (m)	Au g/t
	54.86	55.45	0.59	3.04
And	66.85	139.20	72.35	2.50
Incl	66.85	69.10	2.25	11.75
Incl	118.70	123.30	4.60	5.53
Incl	133.85	135.85	2.00	6.56
And	207.20	208.20	1.00	3.28

A cross section through drill hole GRD-07-041 showing drilling and interpretation is shown in Figure 6. The drill log and assay results for holes GRD07-41 and 42 are found in Appendix 1.



SECTION 6913785N

- Undifferentiated intrusives
(microgranite,
quartz feldspar porphyry)
- Metasediments

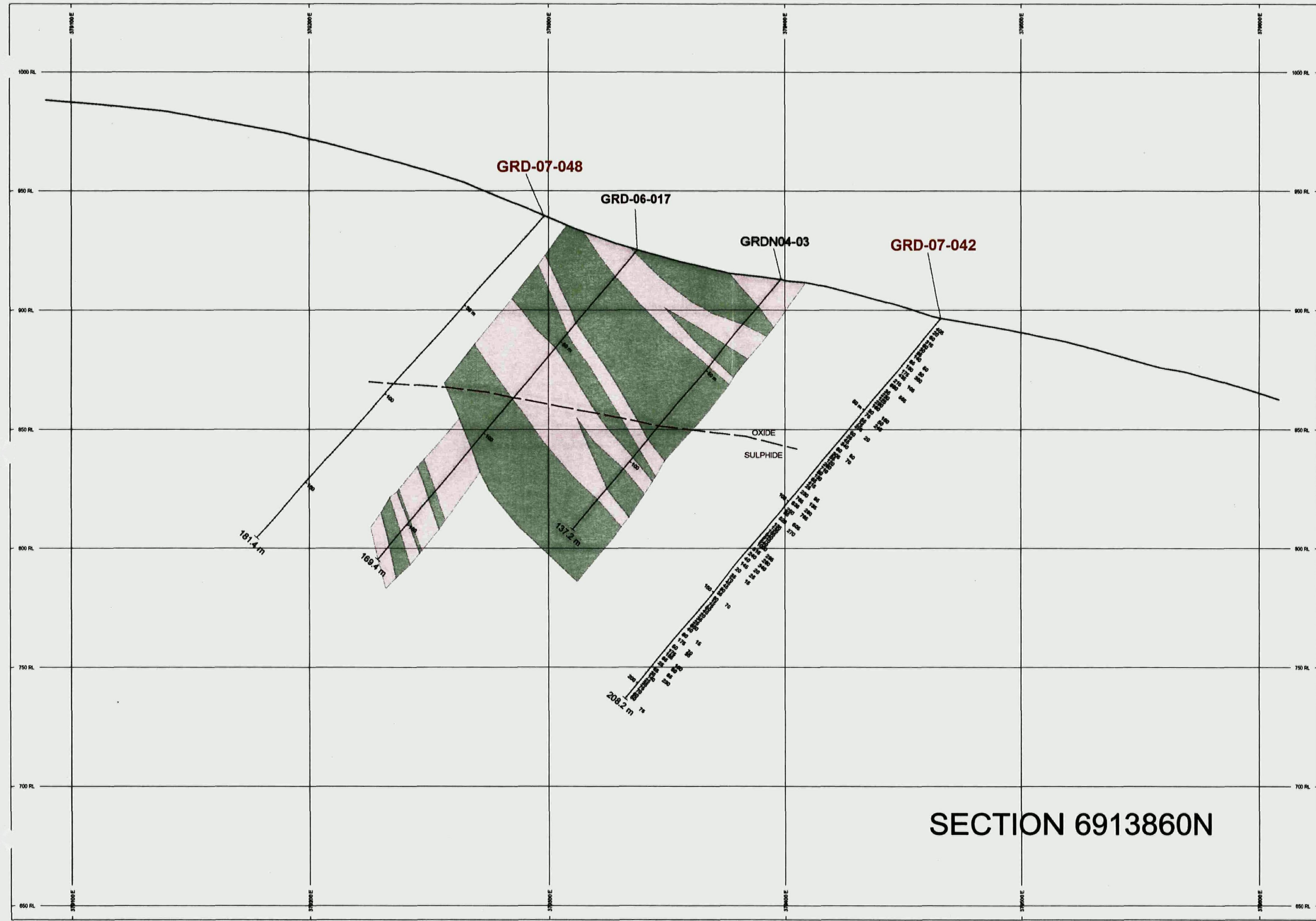
Hole GRD-07-042 is dominated by steep easterly dipping metasediments of the Pelly Gneiss unit comprising interbedded biotite-quartz schist and gneiss. The metasediments are intruded by short intersections of late Cretaceous Carmacks Group hypabyssal intrusive rocks comprised of a microgranite plug and related feldspar porphyry and quartz feldspar porphyry dykes. Contacts between the porphyry and the metasediments are often brecciated and/or faulted. Below 100m an older, deeper mid Cretaceous intrusive of granite to granodiorite composition belonging to the Dawson Range Batholith, Whitehorse Suite intrudes the metasediments and is in turn cut by the younger intrusives.

The depth of total oxidation in the hole is 70m; partial oxidation reaches down to 86m. Within this zone the rock is strongly weathered and fractured with pervasive limonite and intensive clay alteration, caused by both hydrothermal alteration and surface weathering. Within the oxidation zone, sulphide minerals have been replaced by limonite and lesser hematite. Below the oxidation zone, the major sulphide minerals are primarily pyrite with lesser amounts of arsenopyrite and chalcopyrite. Minor metallic minerals are: native copper, tenorite, chalcocite, malachite and covellite. Mineralization is associated with sulphides and quartz in veins and stockworks, with brecciated dykes containing variable amounts of sulphides, and with disseminated sulphides in the matrix of porphyry dykes. The highest gold values in GRD-07-042 are associated with faults, quartz-limonite-hematite boxwork veins, and pyrite stringers and stockworks. GRD-07-042 returned better values for copper than for gold. Significant intervals are listed in table 3 below.

Table 3. Nucleus Diamond Drilling 2007: Significant Intersections GRD-07-42

Hole Number	From	To	Thickness (m)	Au g/t	Cu ppm (%)
GRD07-42					
	79.2	127.9	48.7	0.36	1,674 (0.17)
Including	95.6	122.8	27.2	0.47	1,752 (0.18)

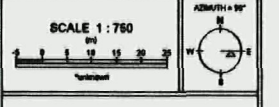
A cross section through drill hole GRD-07-042 showing drilling and interpretation is shown in Figure 7.



SECTION 6913860N

- Undifferentiated intrusives
(microgranite,
quartz feldspar porphyry)
- Metasediments

FIGURE 7



Chapter 4 - Conclusions and Recommendations

The Nucleus zone hosts large tonnage, lower grade, disseminated gold mineralization and higher grade, structurally controlled vein gold mineralization. The geological setting, alteration, mineralization and metal associations exhibit characteristics of gold biased copper porphyry deposits.

Mineralization is hosted in and adjacent to late Cretaceous age quartz-feldspar porphyry dykes and sills which have been emplaced into a sequence of older metasedimentary schists and gneisses. The porphyry dykes probably fractured the host rock and prepared the ground for the mineralized veins which crosscut all rock types. Faults have also been found to host mineralization. In younger faults this may be because the faults occurred along zones that had been previously altered and mineralized. In older faults, brecciated and broken material and open space may be a suitable host for mineralization.

Hole GRD-07-041 confirmed that mineralization in the Nucleus zone extends east of the previously drilled area, and that there is a higher grade zone with visible gold in veins that appears to be trending to the east across the middle of the Nucleus Zone. Hole GRD-07-042 confirmed that copper with lesser gold continues to the east. The results suggests that follow up drilling should be done east of GRD-07-041 to test the extent of the high grade zone.

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Certificate

**I, DEBORAH JAMES, of the City of Mill Bay, in the Province of British Columbia,
HEREBY CERTIFY:**

- 1. That I am a geologist and that I worked at the property from July to October in 2006 and May to October in 2007.**
- 2. That I am a graduate of the University of British Columbia (B.Sc. Geology, 1988).**
- 3. That I have been engaged in mineral exploration and development on a full time basis for five years in the 1980's and 2000's.**
- 4. That I am an employee of Bushmaster Exploration Services (2007) Ltd. which conducts the fieldwork at the Freegold Mountain Project for Northern Freegold Resources Ltd.**

SIGNED at Vancouver, B.C. this 19th day of December, 2007.

A handwritten signature in black ink, appearing to read 'Deborah James', written in a cursive style.

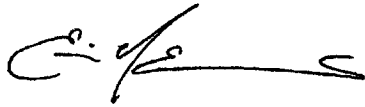
Deborah James

Certificate

I, ERIN M. EDWARDS, of the City of Vancouver in the Province of British Columbia hereby certify:

1. That I am a Geological Technician and that I worked at the property from July 19th to July 21st, 2007.
2. That I am a graduate of the British Columbia Institute of Technology (A.Sc.T 2007).
3. That I have been engaged in the mineral exploration and development in both a full time capacity for 3 years.
4. That I am a full-time employee of Northern Freegold Resources Ltd., for whom I work as a project coordinator.

Signed at Vancouver BC, this 20th day of December, 2007

A handwritten signature in black ink, appearing to read 'Erin M. Edwards', with a stylized flourish at the end.

Erin M. Edwards

Statement of Costs

Drill hole	Depth (m)	Cost/Meter	Total
GRD07-41	262	\$109.00	\$28, 558
GRD07-42	208	\$109.00	\$22, 672
			\$51, 230

Appendix 1

GRD07-41,42 Drill Logs and Assay Certificates

NORTHERN FREEGOLD RESOURCES LTD.		DDH Core Logging Form										Page: 1 of 12							
Hole		GRD07-41		Project		Freegold		Property/Zone:		Nucleus									
Elevation.		905 45		Total depth		Drill contractor: Kluane		Logged by/date:		Debbie James #####		Downhole Survey							
UTM E:		379450m		(NAD83) BTOx 47m		Date started: June 2/07		Relogged by/date:				Azimuth							
UTM N		6913785m		BPOx 67m		Date completed:		Data entered by				Dip							
Dip:		-50		Grid Coord.:								Depth							
Azimuth.		270		Target		eastern extension of zone.				Core size: NTW									
Core		Lithology		Alteration				Mineralization (%)		Veining			Samples			Comments			
Depth (m)		Rock name	Description (including texture of veining)	Mafics		Felsics		Other				(Stringers)		Interval (m)		Length (m)	No.	(QA/QC, sample description, recovery, etc)	
from to				Mineral	Alt *	Mineral	Alt	Mineral	Alt	Mineral	%	Texture	CA**	Mineral	%	from to			
0 3.05		OVBR		3.20 - 5.60								lim 2 coating		40°	hm	50	3 05 5 6	G2501	lower rec
			Fine grained, medium to dark green, foliated chlonite schist alter	chl	int	clay	mod					40°		lim	50	5 60 8.1	G2502	increased sil, more stwork	
																		G2503	blank
3 05 8.1		GNIS	foliated chlonite schist alternating			ser		mod					130°	hm	50	8 10 8 84	G2504	fault	
			with gneiss Foliation 40° to CA									130°	lim	40	8 84 10	G2505	increasing sil		
			1mm lim strgrs after py. Increasing downwards 2%									130°	jar	10	10 00 12 2	G2506			
			3 20-3 50 fault	5 60 - 8 10						lim		2 coating	40°	lim	50	12 20 14	G2507		
			5.6-8 10 mm lim strgrs 5%	ser	mod	ser	mod	sil	int	hem		0.5 coating	40°	ser	50	14.00 15 8	G2508		
				chl	w	clay	mod					20°	lim	100	15 80 17.9	G2509	long 0° strgr		
																	G2510		
				8 1-8 84												17 90 20.4	G2511		
8 1 8.84		FAULT	Broken core, clay seams.	ser	mod	clay	int			lim		10 massive			20.40 22 45	G2512			
				clay	int	ser	mod			lim		5 coating			22.45 25 6	G2513			
										hem		2 massive			25 60 26.8	G2514			
8 84 33 05		GNIS	Same as above. Foliation 40° to CA	8 84 - 9 10						lim		2 coating			26 80 28 7	G2515			
			14.30 minor fault	ser	mod	ser	M	sil	I					29 70 31.7	G2516				
			16 25 minor fault.	chl	W	clay	M							31 70 33.05	G2517				
			17 30-17 40 minor fault	9 10 - 22.40						lim		2 coating	130°	lim	100				
			19.0 minor fault	chl	int	clay	mod					40°	lim	100					
			33.30 minor fault			ser		mod					0°	lim	60				
			29.70-29 80 MGRAN small piece cutting GNIS									0°	ser	30					
			31 00-31 20 MGRAN small piece cutting GNIS									0°	qtz	10					
			At 27.0m foliation changes to 30° to CA	22 40 - 27.90						lim		2 coating	130°	lim	100				
			130° strgrs x-cut foliation 3% of total	chl	mod	clay	mod	sil	I			40°	lim	70					
			0% strgrs 1% of total			ser		M					40°	jar	30				
			At 24.90 qtz-lim vein 12mm wide. Chl selvage									24.90 vein							
			40° to CA									40°	qtz	50					
			40° strgrs 10% of total.										lim	40					
													chl	10					
				27.90 - 33.05						lim		2 coating	0°	lim	50				
				chl	M	clay	M	sil	W	lim		2 massive		ser	50				
						ser		M					40°	lim	100				
												130°	lim	50					
												jar	50						

DDH Core Logging Form																			
NORTHERN FREEGOLD RESOURCES LTD.		Hole	GRD-07-41	Project Freegold		Property/Zone:		Nucleus		Page. 2		of 12							
Core		Lithology		Alteration						Mineralization (%)		Veining		Samples			Comments		
Depth (m)		Rock name	Description (including texture of veining)	Mafics		Felsics		Other				(Stringers)		Interval (m)		Length (m)	No.	(QA/QC, sample description, recovery, etc)	
from	to			Mineral	Alt.*	Mineral	Alt	Mineral	Alt	Mineral	%	Texture	CA**	Mineral	%				from
33.05	34.6	FAULT	yellow - brown, intesely fractured schist	chl	I	ser	I			lim	10	massive			33.05	34.6	G2518	fault	
			upper contact 120°	clay	I	clay	I			jar	10	massive			4.6	36.6	G2519	minor fault	
																	G2520	duplicate	
															36.60	38.1	G2521		
																	G2522	blank	
34.6	42	GNIS	Same as above Foliation 30° CA	chl	m	clay	M			lim	2	coating	0°	ser	60	38.10	40	G2523	brecciated gneiss
			0° strgrs 0.5%			ser	M			jar	1	coating	0°	lim	40	40.00	42	G2524	
			30° strgrs 0.5%										30°	lim	50	42.00	43.3	G2525	fault - intense
			130° strgrs 1%										30°	jar	50	43.30	44.8	G2526	fault - mud
													130°	lim	35	44.80	46.1	G2527	fault - weak to mod
			41.4 - 42.0 brecciated gneiss above fault contact										130°	jar	35	46.10	48.05	G2528	mixed schist/PPFX
													130°	clay	30	48.05	49.5	G2529	spotty sx
42	46.1	FAULT	fault zone in geiss with sections of compotent	clay	I	clay	I			lim	10	coating	30°	lim	50				
			rock Upper contact 40° to CA lower	chl	I					jar	5	coating	30°	clay	50				
			contact at 140° to CA Both x-cut foliation										130°	lim	90				
			increased strgrs.. 44.00m - 46.10 within										130°	clay	10				
			compotent rock, associated with mod to intense										160°	ser	60				
			silicification.										160°	lim	40				
			130° strgrs 2%																
			160° strgrs 0.5%																
			30° strgrs 1%																
46.1	48.05	GNIS/	interminged fin-grained biotite schist/gneiss	chl	W	ser	W	sil	I	py	2	vein	10°	lim	40				
		PPFX	and fine-grained feldspar porphyry above							lim	4	coating	10°	ser	30				
			contact zone.										10°	py	30				
			47.90 qtz-py vein 4mm with cal-lim selvage										40°	lim	50				
			10° strgrs 0.5%										40°	ser	50				
			140° strgrs 2%										140°	py	70				
			40° strgrs 2%										140°	lim	30				
													10°	lim	60				
48.05	49.5	PPFX	fine grained, weakly porphyritic Textures			ser	M	sil	M	py	12	vein +	10°	py	40				
			destroyed by alteration. Mafic sites leached or									dissem	30°	lim	95				
			filled with sx Spotty appearance.							lim	5	vein +	30°	py	5				
			10° strgrs = 2%, 30° strgrs = 4%, 150° strgrs = ??									pervasive	150°	lim	95				
													150°	py	5				

*Alt. = Alteration Value See Reference Sheet ** CA = angle to core axis See Reference sheet

Core		Lithology		Alteration						Mineralization (%)		Veining (Stringers)			Samples				Comments (QA/QC, sample description, recovery, etc.)
Depth (m)		Rock name	Description (including texture of veining)	Mafics		Felsics		Other		Mineral %	Texture	CA**	Mineral	%	Interval (m)		Length (m)	No.	
from	to			Mineral	Alt.*	Mineral	Alt	Mineral	Alt						from	to			
69.1	70.35	SXGN	sulphide gneiss. Brecciated from 69.1 to 69.4 massive, fine grained pyrite	clay	I	clay	I	sil	W	py 40 cpy 2	massive + vein	140°	qtz py	50 50	82.40 83.30	83.3 85.2		G2548 G2549 G2550	Altered schist, start of B+T B+T, breccia blank
			69.20m - 2 chalcidonic pyrite veins, 50% open space, 8mm wide. 70.05-70.35 minor fault												85.20 86.50	86.5 87.6		G2551 G2552	Breccia, leaching
70.35	72.65	GNIS	Dark green biotite schist. Foliation 30° tp CA. Increase in qtz. sericite strgrs Massive py at 71.29m. 70.70-70.5mm wide qtz-ser-py-cpy vein	chl bio	M W	ser clay	M W			cpy py	2 5	vein vein + massive	150° 30°	qtz ser py cpy qtz ser	50 44 5 1				
72.65	75.2	FAULT	fault gouged schist Textures destroyed 73.50m - remnants of qtz-py-asp(?) vein, 11° to CA Monzonite at lower end?	clay	I	clay	I												
75.2	82.4	GNIS	Fine grained qtz-feldspar matrix with 15% feldspar phenos. 1-2mm wide Mafics sites absent, replaced with sx Upper 30cm of contact below fault is brecciated monzonite Occ py strgr - 0.5% random orientation.			clay	W			py	5	vein + dissem	30°	qtz py cpy asp	70 28 2				
82.4	87.6	GNIS	Tan through med grey highly altered gneiss. Local silicification Breccia zones assoc'd with increased leaching and open space Foliation 40° to CA 83.10-86.15 Jean's black + tan alterations 86.90-87.30 Minor fault near overtical strgrs 30° ser (11 to foliation) - 2%, 150° set = 0.5%	clay	I	clay	I	sil	W	py cpy asp	10 tr tr	massive, vein dissem vein	30° 150°	qtz py lim qtz py ser lim	50 30 20 50 20 20 10				
87.6	91.2	FAULT	Gouged and broken, highly bleached, altered GNIS Oxidized	clay	I	clay	I			lim py	2 1								
			89.6-90.15 Foliated monzonite with fault																

*Alt. = Alteration Value. See Reference Sheet

** CA = angle to core axis. See Reference sheet

*Alt = Alteration Value See Reference Sheet ** CA = angle to core axis See Reference sheet

Core Logging Form										Hole		GRD-07-41		Project Freegold		Property/Zone		Nucleus		Page: 6		of 12	
Core		Lithology		Alteration				Mineralization (%)		Veining (Stringers)			Samples		Length		No.		Comments				
Depth (m)		Rock	Description (including texture of veining)	Mafics		Felsics		Other							Interval								
from	to	name		Mineral	Alt.*	Mineral	Alt.	Mineral	Alt.	Mineral	%	Texture	CA**	Mineral	%	from	to						
118.7	125.7	GNIS	Dark brown, highlyaltered gneiss, foliation 40° to CA	118.7 - 122.60						cpy	2	vein	0	qtz	80	118.70	121		G2571	qtz-cpy veins + qtz-carb veins			
			122.60-122.75m Fault, 119.80-120.20m fault	Bio	M	Ank	W	Sil	M	py	2	vein+dissem		cpy	20	121.00	123.3		G2572	qtz-cpy veins + qtz-carb veins			
			125.10-125.40m fault										40	cc	50	123.30	125.7		G2573	Monlor faults			
			0 stringers = 5%, 150° stringer = 3%, 40° stringers = 30%											qtz	45	125.70	127.6		G2575	blank			
			119.40m qtz-cpy=py vein parallel to CA, 10-30mm wide											cpy	5	127.60	129.45		G2576	Silicified Granite			
														150	cc	60	129.45	131.85		G2577	Clay altered granite		
															qtz	40	131.85	133.85		G2578	Fault		
															cpy	tr	133.85	135.85		G2579	Clay altered granite		
			0 stringers = 0.5%, 40° stringers = 1%, 150° stringers = 1%	122.60 - 125.70						cpy	tr	vein	0	qtz	90						cpy vein with sil		
				Bio	W	Clay	M	Sil	W	Py	2	vein+dissem		cpy	7								
														py	3								
														40	cc	50							
															qtz	48							
															cpy	2							
														150	cc	50							
															qtz	50							
125.7	129.45	GRAN	Medium grained, equigranular Weakly altered.	125.70 - 127.33						Cpy	tr	vein	0	py									
			127.33-128.05 GNIS	Bio	W					Aspy	tr	vein		qtz									
			0 stringers = 1%, 40° stringers = 1%, 150° stringers = 0.5%	127.33 - 128.45						Py	2	vein	40	py									
			128.05 35mm qtz-cpy vein @ 30° to CA			Clay	I							qtz									
														150	py								
129.5	131.9	GNIS	Puplish-brown schist mostly faulted Foliation 40° to CA	Bio	M	Clay	I			Py	3	vein	0	py									
			150° stringers = 1%, 0° stringers = 0.5%							Asp	tr	vein		qtz									
			128.45 5mm py vein parallel to CA							Cpy	tr	vein		bio(?)									
			131.50 5mmpy-qtz vein parallel to CA											150	py								
															qtz								
131.85	135.85	GRAN	Same as above - Upper and lower contacts 30° to CA			clay	I	Sil	W	cpy	1	vein+massive	150	qtz	73								
			Silicification at lower contact, mafic sites absent							cc(?)	tr	vein		cpy	5								
			132.80 5mm qtz+cpy+cc(?) vein							py	2	vein		cc	2								
			135.85 massive cpy @lower contact											py	20								
			150° stringers = 2%, 0° = 1%, 30° = 1%											0	qtz	85							
															cpy	10							
															cc	5							
														30	qtz	80							
															py	20							

*Alt = Alteration Value. See Reference Sheet ** CA = angle to core axis See Reference sheet

Core		Lithology		Alteration						Mineralization (%)		Veining			Samples			Comments (QA/QC, sample description, recovery, etc)
Depth (m)		Rock	Description (including texture of veining)	Mafics		Felsics		Other				(Stringers)			Interval		Length	
from	to	name		Mineral	Alt *	Mineral	Alt	Mineral	Alt	Mineral	%	CA**	Mineral	%	from	to		
135.85	137.5	Fault	Faulting schist. Same as above, silicified upper contact 150' stringers = 0.5%, 0' = 0.5%	Clay	I	Clay	I			cpy	tr	150	qtz	60	135.85	137.5	G2580	Fault
										py	tr		py	20		139.20	G2581	cpy+qtz+py vein
													cpy	10		140.90	G2582	fault - dominantly granite
													cc	10		142.60	G2583	fault - dominantly gniess
												0	cc	50		145.40	G2584	PPFX BX
													qtz	50		147.20	G2585	qtz- py vein in PPFX
																	G2586	blank
																149.05	G2587	PPFX BX
137.5	139.2	GRAN	Same as above Includes piece of schist Short lengths of silicification around larger veins Mafics absent			Clay	M			cpy	2	0	qtz	50		151.55	G2588	quartzite/gniess sil
										py	3		py	30		154.05	G2589	sil
			0' stringers = 2 , 30' = 1% 150' stringers = 1%										cpy	20		156.55	G2591	duplicate
												30	qtz	50		159.00	G2592	qtz-py vein 5cm wide
												150	py	50				
													py	50				
139.2	142.6	Fault	Sheared and crumbled core 134.20-140.50 GRAN 140.50-142.60 GNIS	Clay	I	Clay	I			py	tr							
				Bio	M													
142.6	145.4	PPFX BX	Fine grained qtz-feldspar, minor bio matrix with altered clasts of PPFX + silica + granite clasts are angular to subrounded, often with a qtz-sx edge Clast size up to 3cm, avg 1cm Clasts are difficult to distinguish in upper part where matrix is 10% of rock veins lower where the matrix is 40% of the rock	Bio	W	Clay	W	Sil	M	py	5							
										cpy	tr							
145.4	149.05	PPFX	Aphanitic qtz-feldspar-biotite matrix with 25% euhedral feldspars phenos + 3% qtz eyes			ser	M	sil	W	cpy	tr	30	py	45				
						clay	M			py	2		qtz	45				
													ser	10				
			146.85 SX BX vein at 50' CA 5cm wide									50	py	70				
			Masive + banded py + qtz										qtz	30				
			30' stringers = 0.5%, 150' stringers									150	qtz	50				
													py	50				
149.05	158.95	GNIS	Dark brown gniess mixed with granite mixed with granite foliation @ 20' to CA 145.65 - 150.30m Quartzite	Bio	M	Clay	W	Sil	M	cpy	tr	40	qtz	80				
										py	I		py	20				

*Alt = Alteration Value See Reference Sheet

** CA = angle to core axis See Reference sheet

Core		Lithology		Alteration				Mineralization (%)		Veining (Stringers)			Samples			Comments (QA/QC, sample description, recovery, etc)					
Depth (m)		Rock name	Description (including texture of veining)	Mafics		Felsics		Other		Mineral	%	Texture	Interval		Length		No.				
from	to			Mineral	Alt.*	Mineral	Alt	Mineral	Alt.				from	to							
			158.90 - 4cm wide qtz-py vein in granite 20% open space. 40° to CA 30° strgrs										30°	qtz	70	159 00	160 0	1 00m	G2593		
														py	10	160 00	162 0		G2594	intermittent GNIS	
														ser	19	162 00	163 0		G2595	Slightly brecciated at end	
														cpy	1	163.00	164.0		G2596	minor faults @ start and end	
													0°	py	50	164 00	164 9		G2597	minor faults @ start Minor GNIS	
														qtz	50	164 90	165 7		G2598	Jumbled up appearance	
													150°	qtz	70	165 70	166 7		G2599	silicified	
														py	9	166 70	168 2		G2600	minor brecciation at end	
														cpy	1	168 20	169.8		G2601	brecciation + fault? At beginning	
														ser	10	169 80	170 4		G2602	variable degrees of silicification	
																170 40	171 2		G2603	less silicified	
158 95	165 8	GRAN	Fresh granite mixed with gneiss Moderate clay alteration of felsics below contact in vein Lower contact 50°	bio	M			sil	M	py		1	vein + dissem	0°	py	50	171 20	172 7		G2604	"eaten-up" appearance
			163.1-163 4 Fault							cpy	tr		vein		qtz	50	172 70	174 2		G2605	
															cpy	1	174.20	176.0		G2606	two very large qtz-sx veins
																			G2607	blank	
			163 9-164 1 Fault											150°	cc	10	176 00	177 5		G2608	fault at beginning
			0° strgrs - 0 5%, 30° strgrs - 2%, 150° strgrs - 2%												ser	10	177 50	178.4		G2609	crumbly
																			G2610	duplicate	
															qtz	40	178.40	179 4		G2611	crumbly
															py	40	179.40	180.9		G2612	more solid than previous 2
													30°	qtz	40	180 90	182.9		G2613	fault	
														py	40	182 90	184 5		G2614		
														cc	20	184 50	185 5		G2615	some MGRAN in GNIS	
165 8	170 3	GNIS	Light to medium grey gneiss Alternating zones of silicification and clay alteration Silicification	bio	M	ser	M	sil	M	py			vein	50°	py	40	185 50	186.5		G2616	
			granite contact. Textural distruction, leached and bleached Increased strgrs in silicified zones			clay	M			cpy	tr		vein		qtz	50	186.50	188 6		G2617	clayey/alterd
						cc	W							0°	cc	10	188 60	190 0		G2618	
															py	50	190 00	191.8		G2619	relatively crumbly
																			G2620	standard 52P	
			50° strgrs - 0.5%, 150° strgrs - 1%, 70° strgrs - 3%												qtz	40	191 80	192.7		G2621	
															cc	10	192 70	195.0		G2622	intrusion or large qtz vein
														150°	py	70	195 00	196.7		G2623	fault at beginning
															qtz	30	196 70	198.8		G2624	patches at crumbly bits
170 3	172 6	GRAN	Same as above Upper and lower contacts 40° to CA.	clay	M-	clay	M			py		2	vein	150°	cc	10	198 80	199 3		G2625	patches of crumbly bits
			Silicified at upper contact.							cpy	tr		vein		qtz	39	199 30	200.5		G2626	interesting breccia thing Sulphides
																			G2627	blank	
															ser	10	200 50	201.5		G2628	alterd/ possible faults
			150° strgrs - 2%, 90° strgrs - 1%, 30° strgrs - 1%												py	40	201 50	202 7		G2629	mostly GNIS
																			G2630	Standard 52P	
															cpy	1	202 70	203.7		G2631	
														30°	cc	5	203 70	205 7		G2632	
															qtz	30	205 70	207 2		G2633	Greater degree of fsp alteration
															py	60	207 20	208.2		G2634	
															ser	5	208 20	208.9		G2635	

*Alt = Alteration Value See Reference Sheet

** CA = angle to core axis See Reference sheet

Core		Lithology		Alteration						Mineralization (%)		Veining (Stringers)			Samples				Comments (QA/QC, sample description, recovery, etc)	
Depth (m)		Rock name	Description (including texture of veining)	Mafics		Felsics		Other		Mineral	%	CA**	Mineral	%	Interval		Length	No		
from	to			Mineral	Alt.*	Mineral	Alt.	Mineral	Alt.						from	to				
												90°	py	30	208.90	210.8		G2636	duplicate of G2647	
													qtz	50	210.80	212.6		G2637		
													ser	20	212.60	213.9		G2638		
															213.90	215.6		G2639		
172.6	175.95	GNIS	sec above Consistent alteration Foliation 30° to CA Mafics site absent 30° strgs = 2%, 150° - 1%, 60° strgs - 1% Quartz segregations 175.45-175.95 + 173.40-173.50 veins or segregations in gneiss?			clay	I			py cpy	1	massive + vein	30°	py		0.00	217.4			G2641
													150°	py		217.40	219.3			G2642
														qtz		219.30	221.4			G2643
																221.40	222.5			G2644
													60°	py		222.50	223.8			G2645
														qtz		223.80	225.8			G2646
175.95	182.9	FAULT	Gouged + crumbled schist. Short competent sections Foliation 11° to CA Qtz-carb-py-cpy cpy stringers in competent sections.			clay	I			py cpy	1	massive + vein	150°	qtz						
														cc						
														py						
														cpy						
182.9	185.3	GNIS	Medium to dark grey-brown schist Piece of MGRAN @ 184.80m Foliation 11° to CA Patchy silicifcation 60° strgs - 0.5%, 150° strgs - 0.5%			ser clay	W M	sil	W	py	1		60°	py		60				
														ser		20				
														qtz		20				
													150°	ser		50				
														py		50				
185.3	188.65	MGRAN	Fine-grained, equigranular, sugrosic intrusive Upper + lower contacts 30°to CA. 50° strgs - 1%, 140° strgs - 1%			clay	M	sil	W	py	1	vein	50°	py		70				
														qtz		30				
													140°	py		70				
														ser		30				
188.65	199.45	GNIS	Similar to above Foliation 11° to CA Short clay altered sections. 195.15-195.50 bleached MGRAN dyke. 150° strgs - 1%, 50° strgs - 2%	bio	M	clay	W	sil	M	py	1	vein	150°	py		40				
														qtz		40				
														ser		20				
													50°	ser		50				
														qtz		30				
														py		20				
199.45	200.53	BRECCIA	Brecciated + bleached gneiss Upper contact irregular First 10cm fault breccia with soft clay material Remainder 80% clasts of			clay	M			py	10									

*Alt. = Alteration Value See Reference Sheet

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NORTHERN FREEGOLD RESOURCES LTD.		Hole	GRD-07-41	Project Freegold	Property/Zone:	Nucleus	Page:	10	of	12									
Core		Lithology		Alteration				Mineralization (%)		Veining			Samples			Comments (QA/QC, sample description, recovery, etc)			
Depth (m)		Rock name	Description (including texture of veining)	Mafics		Felsics		Other		(Stringers)			Interval		Length		No		
from	to			Mineral	Alt *	Mineral	Alt	Mineral	Alt	Mineral %	Texture	CA**	Mineral	%				from	to
			altered granite and quartz in a matrix of quartz-pyrite Mafics absent or replaced by pyrite											225.80	227.5		G2647	Large sx vein	
														227.50	229.1		G2648	MGRAN with son GNIS Sx nch	
														229.10	231		G2649	fault @ start	
																	G2650	Standard 52P	
200.53	209.1	GRAN	Same as above Local schist/gneiss chunks 201 10-201 35 minor fault 206 80-207.0 minor fault 0° strgrs = 0 5%, 150° = 1%, 40° = 2% mafic sites absent, some replace by pyrite			ser clay	M W	sil	M	py asp	3 tr	vein + dissem dissem	0°	py	60	231.00	232.9	G2651	(GRAN)
														qtz	40	232.90	234.6	G2652	sx nch (GNIS)
													150°	py	50	234.60	235.6	G2653	(GRAN) altered fsp Fault @ end
														ser	50	235.60	237.4	G2654	very altered fsp @ start, schist clasts
																237.40	238.6	G2655	(GNIS)
																238.60	240.5	G2656	sx rich at start (ppfx)
209.1	213.7	PPFX	20% phenocrysts, 80% matrix. Regular 50° to CA stringer set 20mm apart (avg). Strgrs have qtz/ser selvage (photos) small breccia zones towards lower contact Mafic sites absent			ser clay	M W	sil	W	py asp cp	3 1 1	vein + dissem vein vein	40°	py ser	70 30	240.50 242.00	242 244.4	G2657 G2658	stuff @start Large sx veins with voids very sx nch Greenish colour
																244.40	246.7	G2659	sx veins with voids
																		G2660	duplicate
													50°	py	40	246.70	247.7	G2661	
														cpy	10	247.70	249.8	G2662	broken up sx nch area @ end
														asp	10	249.80	251.2	G2663	veined/brecciated
213.7	217.4	GNIS	Foliation 40° to CA. Dark purple-brown schist 150° strgrs = 0 5%, 60° strgrs = 1%	bio	M	clay ser	W W			py	0.5			qtz ser	20 20	251.20 252.20	252.2 253.5	G2664 G2665	abundant slim sx veins abundant slim sx veins
																253.50	255.3	G2666	GNIS colour variation/intrusions
																255.30	257.4	G2667	Bx areas/Sx veins with voids
													150°	qtz	40	257.40	259.4	G2668	very chalky/clayey abundant lim veins
														ser	40	259.40	260.4	G2669	very chalky/clayey abundant lim veins
																		G2670	Standard 52P
217.4	223.9	GRAN	Same as above Relatively fresh 0° strgrs = 0 5%, 150° strgrs = 0 5%	bio	W	ser	W			py cpy	2 tr	vein + dissem	60°	clay py qtz clay	20 40 20 20	260.40	262.13	G2671	very chalky/clayey abundant lim veins
																EOH	EOH		
													0°	py	50				
223.9	234.6	GNIS	Light to med Grey gneiss cut by microgranite dykes Variable alteration 229 30-229 65 Fault 226.25- 3cm py+asp+mal vein @ 150° to CA 227.50- 5cm py+qtz breccia 0° strgrs = 0 5%, 150° = 1%, 40° strgrs = 2%	bio	W	clay	M	sil	M	py cpy asp		vein + massive vein + massive vein	150°	cpy py qtz	50 70 30				
													0°	ser	50				
														py	50				
													150°	qtz	45				
														py	50				
														cpy	5				
													40°	py	70				
														qtz	30				

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NORTHERN FREEGOLD RESOURCES LTD		Hole: GRD-07-41	Project Freegold	Property/Zone:	Nucleus	Page 11	of 12											
Core		Lithology		Alteration				Mineralization (%)		Veining			Samples			Comments (QA/QC, sample description, recovery, etc)		
Depth (m)		Rock name	Description (including texture of veining)	Mafics		Felsics		Other				(Stringers)		Interval			Length	No.
from	to			Mineral	Alt *	Mineral	Alt.	Mineral	Alt.	Mineral	%	Texture	CA**	Mineral	%			
234.6	237.4	GRAN	Same as above Patchy clay alteration and sil. Local chunks of schist Upper contact 30°, lower contact 40°. Mafic sites absent or replaced by sx 40° strgs = 1%, 150° strgs = 0.5% 235.30-235.45 fault breccia 236.05-236.75 fault			ser clay	W M	sil	W	py	1	vein + massive	40°		50			
															30			
															20			
													150°		60			
															40			
237.4	238.6	GNIS	Same as above Foliation 40° to CA Increasing silicification downwards 150° strgs = 0.5%, 60° strgs = 0.5%	bio clay	W M	clay	M	sil	W	py	0.5	dissem vein	60°	py				
										cpy	tr			cpy	5			
													150°	qtz				
														py	60			
														qtz	40			
238.6	242	PPFX	Same as above Upper contact 60° Lower contact irregular Local chunks of schist 241.10- 6cm wide breccia with sx pieces 50° strgs = 2%, 150° strgs = 1%	bio	W	clay	W	sil	M	py	4	dissem + vein	50°	qtz	60			
										asp	tr	vein		ser	30			
										cpy	tr	massive		py	10			
													150°	asp	1			
														ser	20			
														py	20			
														qtz	30			
														clay	30			
242	244.4	SXBX	Tan to dark brown schist + gneiss Pseudo-breccia texture near top contact Jean's black + tan 0° strgs = 4%, 150° strgs = 2%			clay	W	sil	M	py	20	massive + vein	0°	py	100			
										cpy	5	dissem	150°	py	100			
244.4	249.85	GNIS	Same as above. Foliation 40° to 50° to CA vein @ 60° to CA @ 244.80 5mm wide Sencite selvage Open space quartz+py+cpy+cov?+asp? 150° strgs = 0.5%, 60° strgs = 0.5%			clay ser	M M			py	2	vein + massive	150°	py	45			
										cpy	1	vein + massive		qtz	50			
										cov?	tr	vein		cpy	5			
										asp	tr	vein	60°	py	50			
														qtz	50			
249.85	253.45	MGRAN	Fine grained equigranular, pale tan - featureless. Mafic sites absent or replaced by sx 252.75- oartuak ioeb soace quartz vein @ 30° to CA Minor py Quartz-sencite selvage Vein 3mm wide, selvage 4mm both sides. 0° strgs = 0.5%, 40° strgs = 1%			clay	M			py	3		0°	qtz	35			
										cy	1	vein		py	35			
															30			
													40°	clay	60			
														py	40			

*Alt. = Alteration Value. See Reference Sheet

** CA = angle to core axis. See Reference sheet

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Downhole Survey		
Azimuth	Dip	Depth

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Core size	<u>NTW</u>
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NORTHERN FREEGOLD RESOURCES LTD.			DDH Core Logging Form															Page 2				of		12								
Hole			GRD-07-042		Project		Freegold		Property/Zone		Nucleus																					
Core		Lithology		Alteration				Mineralization (%)			Stringers (%)				Veins				Samples				Comments									
Depth (m)		Rock name	Description	Mafics		Felsics		Other		Mineral	%	Texture	CA	% of rock	Mineral	%	Mineral	%	Mineral	%	Depth	Texture	Width	CA**	Mineral	%	Interval (m)		Length (m)	No	(QA/QC, sample description, recovery, etc)	
from	to			Mineral	Alt *	Mineral	Alt	Mineral	Alt																		from	to				from
59.8	95.6	GNIS	Medium grey-green	59.80-91.0						cpy	tr	vein	40	2	py	20	qtz	30	lim	50	67.39	banded+leach	5mm	40	lim	40	59.8	61.8		G2706	schist at contact	
			biotite-schist	Bio	W	Ser	W	Sil	M	py	1.0	vein,massve	80	0.5	lim	80	py	20						geo	30	61.8	63.8		G2707	breccia section		
			59.80 -72 foliation							lim	2.0	coating	150		py		cpy		lim					py	5	63.8	65.8		G2708	silicified		
			0° to CA																					qtz	20	65.8	67.8		G2709	silicified		
																														G2710	standard 52P	
			72.00-79 variable																					30	lim	40	67.8	69.1		G2711	silicified, qtz-bio-py vein	
			foliation, folding	91.0-95.60						py	1.0	vein,massve	0	0.5	py	100									geo	30	69.1	70.45		G2712	silicified	
			79.00-? Foliation			Ser	M	Sil	W	asp	tr	dissem	40	0.5	py	70	lim	30							py	5	70.45	72.45		G2713	minor fault	
			30° to CA			Clay	M						150	0.5	ser	40	py	40	lim	20					qtz	20	72.45	73.2		G2714	fault	
																														G2715	blank	
			consistant alteration																						30	qtz	40	73.2	75.2		G2716	py-qtz vein
			62.0-30m Breccia																						blo	30	75.2	77.2		G2717	2 soft zones	
			71.20-71.40 Fault																						py	20	77.2	79.2		G2718	folding	
			72.80-73.20 Fault																								79.2	81.2		G2719	py stockwork	
																														G2720	duplicate of G2707	
			72.60-72.80 GRAN																						30	qtz	33	81.2	83.2		G2721	Biotite Schist
																									kspar	30	83.2	85.2		G2722	small fault zone	
			95.40 Breccia 60mm																						bio	5	85.2	87.2		G2723	qtz-fspar vein	
																									plag	30	87.2	89.2		G2724	quartzite	
																									py	2						
95.6	101.9	Fault	V oxidized at start			Clay	I			py	1.0	vein,diss	40	0.1	py	55	lim	45							80	mal	tr					
			more competent(GRAN?)			Ser	M			lim	tr	coating,vein	150	0.1	py	70	ser	20	qtz	10					cc?	tr						
			for about 97-100m							hem	tr	vein													lim	30						
			two fault?							mal	tr	dissem													plag	40						
			decreasing oxidation																						ser	20						
			towards end(still oxidized)																						py	10						
			slickenlines at 98.30m																						qtz	50						
																									py	10						
																									plag	35						
																									ser	5						
																									qtz	15						
																									ser	70						
																									py	15						
101.9	103.25	GRAN	yellowish to grey	Clay	M	Clay	I			py		vein	40	0.5	py	50	qtz	25	lim	25	103.00	open	6mm		qtz	60						
			partially oxidated			Ser	M			lim		dissem	0	1	py	80	lim	20							void	30						
			strongly altered										80	0.5	py	100									py	5						
			slightly brecciated																						lim	5						
			appearance																													
			102.30m-slickenlines																													
			stringers produce net-like																													
			appearance																													
			schist clasts at 102.35m																													
			brecciated 102-103.25																													
			> many voids																													
			mafic sites absent																													

*Alt = Alteration Value See Reference Sheet ** CA = angle to core axis See Reference sheet

Core		Rock name	Lithology Description	Alteration						Mineralization (%)			Stringers (%)												Veins						Samples				Comments (QA/QC, sample description, recovery, etc)
Depth (m)				Mafics		Felsics		Other																							Interval (m)		Length (m)	No	
from	to			Mineral	Alt	Mineral	Alt	Mineral	Alt	Mineral	%	Texture	CA	% of rock	Mineral	%	Mineral	%	Mineral	%	Depth	Texture	Width	CA**	Mineral	%	from	to							
103.25	105.3	GNIS	bleached,altered, brecciated schist yellowish to grey to white foliation can be difficult to discern accentuated in places by stringers silicification in middle 103 82-104 44, foliation 50° CA	Clay	M	Clay	M				Hem?	tr	vein		0	0.1	qtz	20	py	70	hem?	10	103 35 massive	1cm	40	qtz	75	89.2	91		G2725	quartzite			
						Ser	M				Py		2.0	vein,dissem		150	0.5	qtz	10	lim	30	py	60		hem?	10		91	92.5		G2726	more clay, less sil			
																50	1	py	70	lim	25	qtz	5		lim	15		92.5	94		G2727	bleached schist			
																80		py	60	qtz	20	lim	20	104 20 massive/open		qtz	60		94	95.6		G2728	above a fault		
																								py	40		95.6	97.55			G2729	fault			
																								py	60							G2730	duplicate of G2736		
																								lim	25		97.55	98.72			G2731	bleached, leached, mal Clay			
																								kspar	5		98.72	99.9			G2732	start of intense fault			
																								plag	10		99.9	101.9			G2733	fault			
105.3	110.27	fault	brecciated at start and end very pronounced at end oxidation increases towards bottom of fault very clayey/crumbly making observation of features difficult	Clay	M	Clay	I				py	tr			80	0.1	py	80	lim	20								101.9	103.9			G2734	below fault		
						Ser	M				lim		1.0		120	0.1	py	70	qtz	20	lim	10										G2735	blank		
																											103.9	105.35			G2736	local breccia,sx			
																											105.35	107			G2737	fault			
																											107	108.65			G2738	fault			
																											108.65	110.27			G2739	fault			
																																G2740	standard 52P		
																											110.27	112.05			G2741	below fault			
																											112.05	113.85			G2742	sheared schist			
																											113.85	115.7			G2743	fault			
110.27	115.3	GNIS	pronounced brecciation at start foliation 40° CA large range of colour foliation not consistent throughout interval 111 35-115.5 fault 111 85-112.17 fault 113 37-113.48 fault 113 8-114.50 fault brecciated around the faults 111 25-large PPFx clasts 112-70-113.20 deformed foliation, now 70° CA	Clay	M	Clay	M				hem?	1.0	foliation/vein		0	0.5	py	70	qtz	30								115.7	117.6			G2744			
						Ser	M				lim		0.5	vein		50	1	py	40	qtz	30	clay	30				Blank	Blank				G2745	blank		
											py			vein		150	0.5	py	40	clay	40	qtz	20				117.6	119.35				G2746	altered schist		
																											119.35	121.1				G2747	altered schist Py strgs with selvage		
																											121.1	122.8				G2748	altered schist Py strgs with selvage		
																											122.8	124.1				G2749	sec botite diff alteration		
																											124.1	125.35				G2750	PPFX-tenonite		
																											125.35	126.6				G2751	PPFX-tenonite		
																											126.6	127.9				G2752	fault		
																											Blank	Blank				G2753	blank		
																											127.9	129.15				G2754	granite		
																											129.15	130.45				G2755	minor fault		
																											130.45	131.85				G2756	fault		
																											131.85	133.2				G2757	fault		
115.3	117.6	PPFX	relatively fresh med Grey 40% phenes 60% matrix phenes are 30% altered to ankerite(?) 1-3mm wide, 10% botite and 5% qtz eyes Local chunks of schist			Ank	M				Cu	tr	dissem		70	2	ten	50	clay	40	py	10													
						Clay	W				cov		1.0	coating		20	0.5	ten	70	clay	30														
											ten		5.0	vein		0	1	ten	70	clay	20	(discontinuous)													
											py		1.0	vein																					
117.6	124.1	GNIS	highly altered texture destroyed local granite pieces	Bio	W	Clay	I				cpy	tr	vein		150	1	cpy	5	qtz	55	py	45	120-130 banded	2mm	40	qtz	80								
				Clay	W						py		1.0	vein		40	0.5	cpy	5	qtz	55	py	45	6 qtz-py veinlets		py	20								
																20	1	lim	10					122 10 massive	3mm	40	cpy	30							
																									qtz	60									

[illegible]

*Alt = Alteration Value See Reference Sheet ** CA = angle to core axis See Reference sheet

[illegible]

*Alt = Alteration Value See Reference Sheet ** CA = angle to core axis See Reference sheet

Core		Lithology		Alteration						Mineralization (%)			Stringers (%)								Veins					Samples			Comments (QA/QC, sample description, recovery, etc)			
Depth (m)		Rock name	Description	Mafics		Felsics		Other		Mineral	%	Texture	CA	% of rock	Mineral	%	Mineral	%	Mineral	%	Depth	Texture	Width	CA**	Mineral	%	Interval (m)			Length (m)	No	
from	to			Mineral	Alt *	Mineral	Alt	Mineral	Alt																		Mineral	%				%
																					137 42 massive	1 5cm	80	qtz	30							
																								ser	10							
																					137 85 massive			cal	60							
																								ser	90							
																								qtz	5							
																								py	5							
																					137 90 banded	6mm	80	cal	90							
																								py	10							
																					137 90 massive	?	0	cal	90							
																								py	10							
140	143 6	GRAN	same as above contains chunks of schist	chl	M	Clay	W	sil	M	py	2 0	dissem+vein	40	2	ser	30	py	50	cal	20												
				bio	W								150	0 5	cal	50	py	50														
143 6	152 1	GNIS	medium purplish, grey biotite schist Local pieces of granite Foliation varies from 0° to 40° to CA abundant strgrs	bio	M			sil	M	py		vein	150		bio	30	py	40	ser	30	146 65 xtalline	15mm	100	qtz	60							
				chl	M					cpx	tr	vein	0	0 5	py	80	chl	20						chl	20							
													40		cc	30	py	50						bio	20							
													70		py	50	ser	50			147 80 banded	10mm	40	qtz	40							
																								py	10							
																								cpx	2							
																								cal	48							
152 1	153 3	PPFX	light gray with some patches of red-brown staining associated with veins and fractures top contact 10° CA >almost gradational 153 00,schisht clasts 152 7,schist clasts 70% phenocrysts (5-5mm) >95% fsp >5% quartz eyes(5mm) 30% groundmass almost entirely silicified	bio	W	ank	W	sil	I	py	1 0	vein,dissem	150	1	py	75	qtz	20	cal	5												
										aspy	0 5	vein	80	1	py	45	cal	50	lim	5												
										lim	tr		20 tr		py	50	qtz	50														
													40	0 5	qtz	55	py	40	aspy	5												

*Alt = Alteration Value See Reference Sheet ** CA = angle to core axis See Reference sheet

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*Alt = Alteration Value See Reference Sheet ** CA = angle to core axis See Reference sheet

Core		Lithology		Alteration						Mineralization (%)			Stringers (%)								Veins							Samples			Comments (QA/QC, sample description, recovery, etc)			
Depth (m) from	to	Rock name	Description	Mafics		Felsics		Other		Mineral	%	Texture	CA	% of rock	Mineral	%	Mineral	%	Mineral	%	Depth	Texture	Width	CA**	Mineral	%	Interval (m)		Length (m)	No				
				Mineral	Alt *	Mineral	Alt	Mineral	Alt																		from	to						
																															G2758	fault at beginning		
																															G2759	fault		
																															G2760	fault		
																															G2761	fault		
																															G2762	silicified		
																															G2763	silicified gran and gnis		
																															G2764	silicified		
																															G2765	silicified, strgrs		
																															G2766	silicified, strgrs		
																															G2767	silicified		
																															G2768	silicified		
																															G2769	PPFX		
																															G2770	Duplicate of G2750		
																															G2771	qtz-py vein, minor fault		
																															G2772	minor PPFX, cal and py strgrs		
																															G2773	minor PPFX, cal and py strgrs, cpy		
																															G2774	silicified, cal strgrs		
																															G2775	silicified, cal strgrs, cpy		
																															G2776	silicified, two granite sections		
																															G2777	silicified		
																															G2778	silicified		
																															G2779	silicified		
184 00	185 15	Fault	Very chewed up, clayey fault gouge	Clay	I	Clay	I			py tr		dissem	None																		G2780	Duplicate of G2783		
			Greyish to tan in colour																													G2781	silicified, cpy	
			Several chunks of less altered qtz veins visible																													G2782	silicified	
			>Use PIMA on vein at 184 10																													G2783	breccia, calcite vein	
																															G2784	breccia, calcite, granite piece		
																																G2785	Blank	
																																G2786	chunk of granite in gneiss	
																																G2787	calcite veins	
																																G2788	calcite veins	
185 15	189 60	GNIS	Light grey to reddish biotite schist	Clay	M	Ser	M	Sil	W	Py	0.5	vein	150'	tr	py	70	Cal	30														G2789	calcite veins	
			Foliation Variable	Bio	M	Clay	W			Aspy	tr	vein	60'	tr	py	55	Cal	40	Ser	5												G2790	fault	
			185 50 - 186 00 - GRAN																													G2791	granite and schist	
			>same QZMZ as in previous GNIS																														G2792	granite strgrs
			>Top contact 110'																														G2793	shear, granite
			>Bottom contact 160'																														G2794	fault
			186 00 - foliation - 160'																														G2795	below fault
																																	G2796	granite, py strgrs
																																	G2797	fault
																																	178415	
																																	G2798	fault
																																	G2799	shredded schist
																																	G2800	Standard 52P
																																	G2801	minor fault
																																	G2802	minor fault
																																	G2803	minor fault, granite
																																	G2804	minor fault

*Alt = Alteration Value See Reference Sheet ** CA = angle to core axis See Reference sheet

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Downhole Survey		
Azimuth	Dip	Depth

Depth (m)		Expected length	Core Recovery		RQD		Hard.	Degree of Breakage *	Degree of Weather. *	Joints/Fractures				Veins			Magnetic Suscept. (Xv)	Weight		Specific Gravity (SG)	Rock type	Comments	
			Measured length (m)	%	Length (m) (>10cm)	%				CA* (angle to core axis)	No.	Surface		Coating/Fill	CA (angle to core axis)	No.		Thick. (range?)	in air (g)				in water (g)
from	to											(m)	Shape*										
3.1	4.57	1.47	0.94	64	0.1	11				40,50,60,120,70,110													
4.57	6.1	1.53	1.24	81	0.12	10				85,45,130,95,40,135													
6.1	10.07	3.97	2.54	64	0.99	39				45,135,70,110,65,115,80,100													
10.07	12.2	2.13	1.64	77	0.68	41				35,155,110,140,150,30,40,60,120,													
12.2	15.24	3.04	2.85	94	1.8	63				55,135,70,110,140,150,30,40,60,120,													
15.24	18.29	3.05	2.85	93	1.39	49				45,133,60,120,25,155,													
18.29	20.13	1.84	1.65	90	0.67	41				65,115,40,140,80,100,20,160,													
20.13	21.66	1.53	1.5	98	0.44	29				60,120,25,70,110,155,40,140,													
21.66	24.39	2.73	2.9	106	1.88	65				45,135,115,65,120,50,130,80,100,													
24.39	27.44	3.05	3	98	2.2	73				35,145,130,50,15,45,135,55,125,													
27.44	30.49	3.05	3.04	100	2.19	72				45,135,70,110,25,155,													
30.49	33.54	3.05	2.86	94	2.11	74				35,65,53,45,75,145,110,													
33.54	36.59	3.05	2.97	97	1.78	60				50,130,105,60,100,40,120,140,													
36.59	38.11	1.52	1.4	92	1.16	83				115,50,100,70,110,													
38.11	41.16	3.05	3.12	102	2.69	86				60,148,45,110,130,50,													
41.16	44.21	3.05	3.06	100	1.49	49				45,110,60,145,25,130,30,120,													
44.21	47.26	3.05	2.88	94	2.1	73				60,130,70,45,100,													
47.26	50.3	3.04	2.79	92	1.82	65				70,150,80,120,90,20,110,													
50.3	54.88	4.58	3.9	85	0.77	20				90,50,110,140,30,120,													
54.88	57.93	3.05	2.98	98	1.3	44				110,70,150,20,130,													
57.93	60.98	3.05	3.02	99	2	66				50,70,110,130,													
60.98	64.02	3.04	3.04	100	2.69	88				80,110,140,													
64.02	67.07	3.05	2.97	97	2.21	74				40,60,80,120,50													
67.07	70.12	3.05	3.04	100	2.42	80				70,90,30,130,40,													
70.12	73.17	3.05	3.01	99	1.95	65				70,40,90,60,140,20,110,170,													
73.17	76.22	3.05	2.53	83	0.88	35				50,130,140,70,60,150,													
76.22	79.27	3.05	2.98	98	2.3	77				50,160,100,60,120,													
79.27	82.32	3.05	3.03	99	1.81	60				80,50,90,120													
82.32	85.37	3.05	2.92	96	1.5	51				40,90,120,60,140,20,													
85.37	88.41	3.04	3.04	100	1.83	60				70,140,170,130,80,60,20,120,													
88.41	91.46	3.05	1.7	56	0.23	14				150,50,120,20,80,0,60,140,													
91.46	94.51	3.05	2.92	96	0.79	27				35,125,70,60,25,45,110,													
94.51	97.5	2.99	2.23	75	1.1	49				100,20,40,70,90,													

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* See Reference Sheet

Structural/Geotechnical Core Log

**NORTHERN FREEGOLD
RESOURCES LTD.**

Hole No.: GRD-07-042

Project: Freegold

Property/ Zone: Nucleus

Page: 3 of

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Alteration (Nova Gold Resources, 2005 Procedures Manual)

Alteration Values*	1	2	3	4
	Trace (%)	Weak (%)	Moderate (%)	Strong (%)
K-feldspar	<1	1-15	16-50	>50
Biotite	<1	1-15	16-50	>50
Chlorite	<1	1-10	11-40	>40
Anhydrite	<1	1-10	11-30	>30
Gypsum	<1	1-10	11-30	>30
Epidote	<1	1-5	6-20	>20
Garnet	<1	1-5	6-20	>20
Carbonate	<1	1-5	6-20	>20
Sericite	<1	1-5	6-20	>20
Diopside	<0.5	0.5-2	3-10	>10
Albite	<0.5	0.5-2	3-10	>10
Misc	<0.5	0.5-2	3-10	>10

*Alteration values described on a relative scale because some alteration minerals are more common than others

Degree of Breakage Rating (Bieniawski, 1976)

Mean Spacing of Breaks or Diam. of Fragments	Quality Descriptions	Breakage rating
<12mm	Mostly fault gouge with/without minor rock frags	1
	Gouge and crushed rock	2
	Crushed rock with/without minor gouge	3
12 to 50mm	Crushed rock with no gouge	4
	Crushed rock with diameter or pieces < 50mm	5
	Broken rock with fracture spacing <50mm	6
50 to 100mm	Mean spacing 50mm to 75mm	7
	Mean spacing 75mm	8
	Mean spacing 75mm to 100mm	9
100 to 200mm	Mean spacing 100mm to 150mm	10
	Mean spacing 150mm	11
	Mean spacing 150mm to 200mm	12
>200mm	Mean spacing 200mm to 300mm	13
	Mean spacing 300mm to 350mm	14
	Mean spacing >350mm	15

Weathering and Alteration Rating Bieniawski, 1976)

Degree of weathering	Description	Rating
Fresh and Unweathered	Alteration may result in an improvement in rock competency (e.g. silicification)	W1
Slightly Weathered	Rock strength unchanged, weathering on joints only	W2
Moderately Weathered	Rock is discoloured, but rock strength only slightly affected, discontinuities weathered	W3
Highly Weathered	Rock is discoloured and strength is significantly reduced by weathering	W4
Completely Weathered	Original fabric and relict structures remain, but rock is decomposed and friable	W5
Residual Soil	Original fabric destroyed	W6

Hardness Grades for Rocks and Soil (Hoek et al., 1997)

Grade	Description	Field Identification
R6	Extremely Strong	Specimen can only be chipped with geological hammer
R5	Very Strong	Specimen req. many blows of geological hammer to fracture
R4	Strong	Specimen req. more than one blow of hammer to fracture
R3	Medium	Cannot be scraped or peeled with pocket knife, can be fractured with single firm blow of geological hammer
R2	Weak	Can be peeled by a pocket knife with difficulty; shallow indentation made by firm blow with geologic hammer
R1	Very Weak	Crumbles under firm blows with point of geological hammer
R0	Extremely Weak	Indented by thumbnail
S6	Hard	Indented with difficulty by thumbnail
S5	Very Stiff	Readily indented by thumbnail
S4	Stiff	Readily indented by thumb but penetrated only with great effort
S3	Firm	With moderate effort, penetrates several centimeters by thumb
S2	Soft	Easily penetrated several centimeters by thumb
S1	Very Soft	Easily penetrated several centimeters by fist

CERTIFICATE OF ASSAY AK 2007-7038

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

20-Jun-07

No. of samples received: 50
Sample Type: Rock
Project: Nucleus
Submitted by: Debbie James

ET #.	Tag #	Au (g/t)	Au (oz/ST)	Au (g/t)	Au (oz/MT)
33	G2533	2.98	0.087	2.98	0.096
39	G2539	11.6	0.338	11.6	0.373
43	G2543	1.43	0.042	1.43	0.046
49	G2549	1.10	0.032	1.10	0.035

QC DATA:

Repeat:

33	3.11	0.091	3.11	0.100
39	11.9	0.347	11.9	0.383

Standard:

OXK48	3.54	0.103	3.54	0.114
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JJ/sa
XLS/07

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

18-Jun-07

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

ICP CERTIFICATE OF ANALYSIS AK 2007- 7038

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: Rock
Project: Nucleus
Submitted by: Debbie James

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	G2501	20	0.7	1.57	25	80	<5	0.78	<1	14	96	250	3.29	20	0.69	209	2	0.07	12	550	18	<5	<20	10	0.12	<10	76	<10	24	38
2	G2502	35	0.4	0.75	<5	35	<5	0.14	<1	3	84	134	2.74	20	0.09	67	5	0.06	5	170	10	<5	<20	<1	0.03	<10	6	<10	22	16
3	G2503	5	0.4	0.57	20	75	<5	0.47	<1	6	82	18	1.45	30	0.31	281	1	0.08	5	370	16	<5	<20	4	0.08	<10	28	<10	22	32
4	G2504	110	0.5	0.79	20	50	<5	0.16	<1	6	89	315	3.13	30	0.19	59	3	0.06	5	240	10	<5	<20	<1	0.03	<10	9	<10	17	20
5	G2505	35	0.6	1.50	10	55	<5	0.25	<1	7	88	297	3.37	20	0.36	90	4	0.06	7	390	16	<5	<20	5	0.07	<10	37	<10	17	28
6	G2506	105	0.8	1.66	15	55	<5	1.10	<1	18	57	332	5.10	10	0.82	259	5	0.10	14	660	20	<5	<20	15	0.15	<10	130	<10	26	46
7	G2507	25	0.7	1.38	10	45	<5	1.29	<1	29	70	318	3.69	<10	0.95	406	3	0.11	25	650	16	<5	<20	13	0.14	<10	107	<10	27	58
8	G2508	30	0.8	1.47	20	70	<5	1.48	<1	21	69	312	3.80	10	0.94	313	4	0.12	18	630	18	10	<20	12	0.15	<10	114	<10	29	55
9	G2509	85	0.8	1.67	35	80	<5	0.61	<1	14	111	291	3.88	10	0.85	166	5	0.07	13	480	26	5	<20	17	0.12	<10	121	<10	23	43
10	G2510	200	1.4	1.74	10	80	<5	1.88	<1	14	110	3909	3.48	10	1.33	620	2	0.19	11	1600	20	10	<20	78	0.08	<10	159	<10	28	72
11	G2511	590	1.4	2.40	25	65	<5	0.66	2	34	96	451	4.28	20	1.23	241	8	0.08	29	330	24	25	<20	6	0.09	<10	112	<10	26	42
12	G2512	225	0.9	2.53	35	90	<5	0.56	<1	26	94	383	4.40	20	1.31	280	5	0.07	23	340	28	10	<20	<1	0.11	<10	98	<10	27	47
13	G2513	200	1.0	3.17	40	105	<5	1.04	<1	21	106	244	4.53	20	1.51	183	7	0.16	27	530	30	20	<20	11	0.18	<10	110	<10	30	28
14	G2514	60	0.8	2.83	50	170	<5	0.93	<1	19	141	181	3.84	30	1.48	232	5	0.12	32	470	28	15	<20	6	0.18	<10	92	<10	29	31
15	G2515	200	0.7	2.37	30	150	<5	1.26	<1	20	110	226	3.92	30	1.29	291	6	0.15	25	520	24	20	<20	6	0.15	<10	114	<10	26	30
16	G2516	20	0.7	2.14	30	80	<5	1.50	<1	19	111	116	3.25	20	1.15	293	3	0.16	24	420	20	5	<20	12	0.15	<10	96	<10	25	29
17	G2517	25	0.9	3.04	50	180	5	1.66	<1	18	131	109	3.73	20	1.33	233	6	0.13	26	430	30	10	<20	10	0.14	<10	98	<10	27	22
18	G2518	30	0.8	2.56	50	130	5	2.59	<1	16	141	61	3.68	30	1.35	243	7	0.02	32	420	26	15	<20	12	0.10	<10	85	<10	26	20
19	G2519	60	0.7	2.61	35	100	<5	0.99	<1	17	127	82	3.95	20	1.37	196	8	0.09	35	420	24	20	<20	9	0.10	<10	92	<10	18	22
20	G2520	350	1.0	0.91	30	50	35	0.16	<1	12	97	428	2.76	20	0.59	72	1	0.08	12	180	12	<5	<20	5	0.08	<10	48	<10	14	19
21	G2521	120	0.8	2.45	50	100	5	0.65	1	19	115	141	3.95	20	1.39	161	8	0.08	29	470	24	30	<20	4	0.13	<10	92	<10	21	19
22	G2522	10	0.2	0.59	20	70	<5	0.57	<1	6	79	21	1.43	20	0.30	271	<1	0.08	5	370	16	<5	<20	5	0.09	<10	27	<10	22	36
23	G2523	95	1.1	4.32	60	150	5	2.67	<1	27	72	181	5.22	20	1.94	270	8	0.25	22	750	40	15	<20	40	0.18	<10	160	<10	24	31
24	G2524	495	1.3	2.90	55	140	5	0.81	<1	34	111	378	5.23	30	1.80	597	5	0.09	33	470	28	<5	<20	1	0.17	<10	147	<10	43	34
25	G2525	295	1.3	2.62	105	130	<5	1.12	3	66	84	600	7.55	30	1.94	962	7	0.02	68	590	26	5	<20	<1	0.14	<10	158	<10	72	63

El #	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	G2526	100	0.9	2.67	70	245	<5	0.51	<1	26	119	233	5.70	30	1.90	261	7	0.04	32	590	28	10	<20	<1	0.16	<10	152	<10	37	38
27	G2527	190	1.7	1.91	100	205	<5	0.29	2	23	115	679	4.93	20	1.17	260	6	0.04	33	330	20	15	<20	<1	0.11	<10	102	<10	34	33
28	G2528	165	0.9	1.26	35	60	5	0.22	2	14	103	521	3.30	20	0.88	89	6	0.06	16	280	16	15	<20	4	0.05	<10	73	<10	18	18
29	G2529	60	0.4	0.43	15	55	<5	0.08	<1	6	70	189	2.06	20	0.19	61	<1	0.06	3	180	12	<5	<20	7	0.03	<10	24	<10	9	12
30	G2530	40	0.7	1.93	70	125	<5	0.37	4	20	135	386	4.28	30	1.57	178	7	0.04	33	390	22	25	<20	<1	0.10	<10	88	<10	36	45
31	G2531	220	0.4	0.45	85	45	<5	0.09	<1	10	72	794	2.54	30	0.17	58	<1	0.06	2	60	8	<5	<20	<1	0.03	<10	4	<10	25	22
32	G2532	65	1.8	1.76	45	75	<5	0.27	4	35	58	1074	7.11	20	1.44	210	6	0.05	13	320	22	<5	<20	1	0.11	<10	202	<10	27	45
33	G2533	>1000	1.6	1.64	385	75	10	0.49	11	54	25	1219	8.83	20	1.02	191	12	0.05	21	670	28	50	<20	12	0.07	<10	261	<10	39	48
34	G2534	405	2.0	1.79	135	70	<5	0.33	8	48	37	1436	8.43	10	1.50	235	10	0.04	20	440	34	20	<20	<1	0.11	<10	247	<10	24	37
35	G2535	180	0.5	1.15	135	65	<5	0.17	4	17	63	420	3.54	10	0.92	111	4	0.05	9	300	16	10	<20	<1	0.06	<10	50	<10	21	19
36	G2536	120	0.4	0.79	80	60	<5	0.10	2	7	83	213	1.90	20	0.52	89	2	0.02	5	210	12	<5	<20	<1	0.03	<10	22	<10	21	20
37	G2537	185	1.0	1.12	140	50	<5	0.18	6	15	74	680	3.51	20	0.74	195	6	0.02	12	280	22	25	<20	<1	0.04	<10	37	<10	30	39
38	G2538	370	1.2	0.33	190	50	<5	0.07	<1	16	70	1266	2.95	20	0.06	132	<1	0.01	<1	90	14	<5	<20	<1	0.03	<10	12	<10	17	43
39	G2539	>1000	5.6	0.70	55	110	<5	0.17	9	129	60	3738	>10	50	0.22	286	15	<0.01	26	<10	18	<5	<20	<1	0.05	<10	26	<10	24	52
40	G2540	885	3.4	1.73	40	85	<5	0.85	1	56	58	2124	>10	10	1.07	496	6	0.06	16	700	34	<5	<20	7	0.08	<10	134	<10	8	111
41	G2541	645	4.3	0.35	1830	150	<5	0.33	28	157	18	3138	>10	40	0.10	514	19	<0.01	39	<10	10	30	<20	<1	0.07	<10	25	<10	<1	46
42	G2542	575	7.6	1.51	<5	85	<5	0.85	6	67	52	2780	>10	10	0.94	540	12	0.05	25	620	44	<5	<20	8	0.07	<10	117	<10	6	130
43	G2543	>1000	4.1	1.61	150	85	5	0.73	11	47	54	1540	>10	10	1.38	661	23	0.01	47	670	28	70	<20	5	0.06	<10	145	<10	16	90
44	G2544	10	0.3	0.52	20	65	<5	0.56	<1	7	60	20	1.53	20	0.31	280	2	0.06	7	390	22	<5	<20	10	0.08	<10	28	<10	20	36
45	G2545	220	2.5	0.31	570	50	<5	0.23	8	37	53	1830	5.14	20	0.14	335	8	0.01	26	360	34	90	<20	4	<0.01	<10	7	<10	14	69
46	G2546	95	1.6	0.32	185	60	<5	0.19	1	12	48	1444	1.94	<10	0.08	148	4	0.01	10	400	44	85	<20	7	<0.01	<10	4	<10	10	89
47	G2547	625	1.4	0.43	1315	35	<5	0.16	<1	20	51	1793	2.02	<10	0.04	140	<1	0.01	16	380	32	35	<20	5	0.01	<10	5	<10	8	78
48	G2548	505	6.7	0.52	3945	80	505	0.60	7	56	23	1203	>10	<10	0.45	1376	9	<0.01	41	930	414	140	<20	5	0.06	<10	59	<10	25	162
49	G2549	>1000	8.9	0.78	625	60	990	0.29	5	77	29	8721	>10	520	0.43	594	12	<0.01	77	<10	54	285	<20	<1	<0.01	<10	40	<10	34	149
50	G2550	10	0.3	0.48	25	50	<5	0.62	<1	6	54	24	1.45	20	0.28	270	2	0.05	7	370	18	<5	<20	2	0.07	<10	27	<10	17	42

QC DATA:

Repeat:

1	G2501	20	0.6	1.64	25	70	<5	0.83	<1	14	100	253	3.34	20	0.72	218	4	0.08	14	560	18	5	<20	9	0.12	<10	79	<10	28	35
11	G2511	680	1.3	2.41	25	65	<5	0.68	<1	33	98	438	4.26	20	1.22	239	5	0.08	26	320	28	15	<20	6	0.11	<10	111	<10	27	42
19	G2519	80	0.8	2.71	25	105	<5	1.01	2	17	128	86	3.92	20	1.41	196	9	0.10	34	420	20	25	<20	10	0.11	<10	94	<10	20	20
20	G2520	545																												
24	G2524	520																												
25	G2525	240																												
40	G2540	840																												
42	G2542	570																												
36	G2536	80	0.4	0.75	75	60	<5	0.10	<1	7	82	202	1.87	20	0.49	87	3	0.02	5	210	14	5	<20	<1	0.03	<10	22	<10	20	21
45	G2545	195																												
47	G2547	590																												
48	G2548	460																												

Resplit:

1	G2501	20	0.6	1.61	35	70	<5	0.78	2	15	95	256	3.56	20	0.71	223	4	0.07	18	570	22	15	<20	11	0.10	<10	80	<10	26	40
36	G2536	80	0.4	0.72	90	60	<5	0.10	<1	7	72	195	1.81	20	0.48	85	1	0.02	7	200	14	10	<20	<1	0.03	<10	20	<10	18	20

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn	
Standard:																															
Pb113			11.2	0.26	60	60	<5	1.65	42	2	5	2201	1.04	<10	0.10	1485	62	0.02	2	60	5424	15	<20	72	<0.01	<10	8	<10	<1	6968	
Pb113			10.6	0.23	55	65	<5	1.60	43	3	5	2343	1.02	<10	0.09	1457	57	0.02	4	70	5578	12	<20	66	<0.01	<10	7	<10	<1	6918	
OXD43		415																													
OXD43		410																													

JJ/j
dt/7038
XLS/07

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

CERTIFICATE OF ASSAY AW 2007-7040

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

19-Jun-07

No. of samples received: 50
Sample Type: Rock
Project: Nucleus
Submitted by: Ron Robertson

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
1	G2551	1.74	0.051	
2	G2552			1.06
9	G2559	3.90	0.114	
17	G2567	1.18	0.034	
21	G2571	7.70	0.225	
22	G2572	3.36	0.098	
29	G2579	45.0	1.312	
31	G2581	1.07	0.031	
45	G2595	1.22	0.036	

QC DATA:

Repeat:

9	G2559	3.46	0.101
29	G2579	45.5	1.327

Resplit:

1	G2551	2.14	0.062
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Standard:

SN26	8.55	0.249	
OXJ47	2.42	0.071	
Cu120			1.51

JJ/dc
XLS/07

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 2007-7040

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: Rock

Project: Nucleus

Submitted by: Ron Robertson

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	G2551	>1000	0.6	1.24	130	15	<5	0.20	3	46	65	4213	6.60	1310	0.23	291	4	<0.01	49	190	20	10	<20	<1	<0.01	<10	78	<10	68	51
2	G2552	250	2.2	1.24	990	40	<5	0.08	5	115	44	>10000	5.32	<10	<0.01	14	4	<0.01	141	<10	46	150	<20	<1	<0.01	<10	32	<10	6	45
3	G2553	615	0.7	1.26	10	50	<5	0.17	1	43	69	2831	6.48	<10	0.58	240	3	0.01	40	370	26	<5	<20	<1	0.04	<10	103	<10	23	64
4	G2554	385	2.0	1.89	30	90	<5	0.11	1	24	68	1846	6.36	<10	1.03	159	3	0.02	18	320	36	10	<20	<10	0.10	<10	137	<10	7	57
5	G2555	<5	<0.2	0.63	10	75	<5	0.58	<1	6	73	25	1.58	20	0.35	299	1	0.08	6	400	20	<5	<20	7	0.10	<10	29	<10	11	36
6	G2556	555	1.7	0.51	205	85	140	0.01	1	5	53	348	4.05	<10	<0.01	38	7	0.02	4	520	78	40	<20	18	0.02	<10	43	<10	<1	28
7	G2557	115	<0.2	1.58	70	40	<5	0.09	<1	28	56	8428	5.03	<10	0.32	53	2	<0.01	35	170	36	<5	<20	10	<0.01	<10	121	<10	4	41
8	G2558	620	0.2	1.74	10	55	<5	0.72	2	41	45	1239	8.45	<10	1.22	1084	2	0.01	31	200	28	<5	<20	6	0.08	<10	146	<10	52	83
9	G2559	>1000	0.7	1.23	80	20	<5	0.33	2	24	29	3484	3.93	<10	0.21	391	3	<0.01	34	410	24	50	<20	<1	0.01	<10	96	<10	20	43
10	G2560	130	0.4	0.55	185	35	<5	0.23	3	20	46	1833	4.10	<10	0.04	428	3	0.01	15	410	30	90	<20	<1	0.02	<10	8	<10	13	116
11	G2561	565	<0.2	1.41	215	20	<5	0.23	1	11	25	3413	1.39	30	<0.01	11	4	<0.01	28	730	32	40	<20	<1	<0.01	<10	25	<10	16	20
12	G2562	65	0.7	0.88	180	40	<5	0.33	2	20	23	2440	3.05	40	0.08	207	3	<0.01	20	790	20	45	<20	<1	<0.01	<10	24	<10	27	25
13	G2563	510	0.6	0.79	85	40	<5	0.38	4	18	22	1846	3.42	30	0.15	294	3	<0.01	14	830	18	35	<20	<1	0.01	<10	24	<10	29	21
14	G2564	20	<0.2	0.74	115	35	<5	0.25	2	12	33	1459	3.46	10	0.10	381	2	<0.01	13	440	18	35	<20	<1	0.01	<10	20	<10	37	28
15	G2565	15	0.2	0.70	110	30	<5	0.20	2	15	41	1449	3.45	<10	0.05	367	2	<0.01	13	380	28	50	<20	<1	0.02	<10	14	<10	23	48
16	G2566	40	0.2	0.53	170	40	<5	0.22	4	20	37	1833	3.82	<10	0.04	330	3	0.01	15	430	30	90	<20	3	0.01	<10	7	<10	13	111
17	G2567	>1000	0.2	0.49	70	30	5	0.28	2	16	47	458	4.22	<10	0.11	483	2	<0.01	16	440	16	5	<20	<1	0.02	<10	16	<10	19	45
18	G2568	225	0.8	0.61	115	45	<5	0.65	3	38	100	864	6.70	20	0.52	673	4	<0.01	77	700	14	70	<20	2	0.04	<10	55	<10	16	55
19	G2569	880	1.9	1.14	375	55	<5	1.04	5	63	174	1554	9.09	10	1.17	1187	4	0.01	120	910	24	30	<20	6	0.07	<10	97	<10	31	142
20	G2570	195	1.1	1.76	<5	90	<5	1.92	<1	14	10	3881	3.53	10	1.36	625	4	0.18	9	1660	30	5	<20	81	0.12	<10	161	<10	19	65
21	G2571	>1000	7.5	2.35	50	75	25	1.66	1	33	191	2467	7.12	10	2.85	385	3	0.03	59	990	64	<5	<20	12	0.19	<10	178	<10	9	91
22	G2572	>1000	7.5	2.46	40	70	<5	3.27	2	29	271	4483	7.28	20	3.06	321	6	0.03	53	700	40	15	<20	27	0.18	<10	184	<10	9	56
23	G2573	230	2.0	1.93	20	55	85	1.86	1	25	93	1421	6.30	20	1.87	220	4	0.02	24	1360	54	<5	<20	6	0.13	<10	121	<10	22	31
24	G2574	<5	<0.2	0.63	10	55	<5	0.66	<1	6	62	27	1.61	20	0.36	282	<1	0.07	6	410	20	<5	<20	3	0.12	<10	30	<10	11	38
25	G2575	390	0.4	0.25	45	75	<5	0.73	<1	7	53	341	1.53	50	0.24	58	<1	0.05	5	140	8	<5	<20	<1	<0.01	<10	5	<10	5	18
26	G2576	375	2.2	0.67	180	50	<5	1.06	2	25	75	1442	4.48	30	0.53	328	1	0.01	15	430	14	<5	<20	<1	0.03	<10	37	<10	12	47
27	G2577	650	2.9	1.72	80	75	<5	2.19	2	41	62	2281	8.55	10	1.77	297	2	0.02	31	1020	32	<5	<20	21	0.11	<10	186	<10	8	45
28	G2578	95	1.2	0.33	25	45	<5	3.27	1	10	66	792	2.80	50	0.76	232	2	0.01	7	140	16	5	<20	26	0.01	<10	9	<10	10	49
29	G2579	>1000	5.2	0.35	55	65	275	1.59	2	14	60	2501	2.92	40	0.43	205	1	0.01	9	80	28	<5	<20	2	<0.01	<10	8	<10	9	72
30	G2580	340	3.8	2.21	85	80	<5	1.82	2	44	53	2450	9.16	10	2.25	518	4	0.02	37	1120	34	<5	<20	16	0.14	<10	213	<10	12	66

Et #	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
31	G2581	>1000	10.2	0.84	20	65	<5	0.51	2	34	63	7044	6.17	30	0.69	457	4	0.01	24	140	26	<5	<20	<1	0.03	<10	68	<10	9	141
32	G2582	385	2.6	0.69	15	50	<5	0.56	1	18	61	1408	5.17	40	0.61	430	3	0.02	15	390	14	<5	<20	<1	0.05	<10	56	<10	7	36
33	G2583	370	3.7	2.09	155	80	<5	1.09	4	44	48	2545	9.84	20	1.79	356	6	0.02	38	1260	32	20	<20	6	0.14	<10	224	<10	8	38
34	G2584	475	1.0	0.62	130	40	<5	0.33	3	21	46	1381	4.89	20	0.33	296	3	<0.01	17	480	24	10	<20	13	0.02	<10	30	<10	10	31
35	G2585	75	1.0	0.43	690	45	<5	0.26	9	21	38	1669	4.32	<10	0.12	266	3	<0.01	13	440	16	45	<20	6	0.01	<10	5	<10	5	29
36	G2586	<5	<0.2	0.61	5	60	<5	0.58	<1	6	69	23	1.57	20	0.34	298	1	0.06	6	420	22	<5	<20	2	0.10	<10	28	<10	15	32
37	G2587	155	0.5	0.41	170	45	<5	0.24	2	13	46	877	2.43	10	0.07	198	2	<0.01	9	510	14	25	<20	10	0.01	<10	4	<10	8	18
38	G2588	120	0.6	1.05	135	55	<5	0.32	2	16	50	595	3.04	40	0.63	158	5	0.04	12	310	20	10	<20	<1	0.05	<10	59	<10	12	25
39	G2589	75	0.4	1.83	15	85	<5	0.42	<1	26	54	657	5.28	30	1.50	148	4	0.06	12	350	32	<5	<20	<1	0.13	<10	145	<10	8	24
40	G2590	60	0.3	2.12	260	90	<5	0.41	3	18	65	401	5.07	40	1.88	185	3	0.04	9	430	38	10	<20	<1	0.16	<10	146	<10	6	24
41	G2591	120	1.6	1.06	65	45	<5	0.79	<1	13	57	21	2.02	10	0.59	302	<1	0.03	29	440	32	<5	<20	7	0.08	<10	36	<10	4	36
42	G2592	75	0.3	2.18	595	95	10	0.40	7	19	64	422	5.43	30	1.97	182	4	0.04	9	420	40	25	<20	<1	0.17	<10	151	<10	6	24
43	G2593	20	0.2	1.34	90	70	<5	0.33	2	17	61	313	3.72	60	1.02	153	5	0.02	10	390	28	20	<20	<1	0.06	<10	63	<10	10	22
44	G2594	100	0.3	0.88	60	75	15	0.77	1	10	40	366	3.10	60	0.75	103	2	0.05	19	350	14	<5	<20	14	0.04	<10	46	<10	11	24
45	G2595	>1000	0.6	0.85	20	65	40	0.99	<1	14	55	562	3.36	70	0.68	105	3	0.04	6	370	24	<5	<20	<1	0.03	<10	45	<10	11	26
46	G2596	60	0.5	1.56	35	80	<5	0.85	1	18	58	485	4.10	40	1.33	120	5	0.04	10	220	32	5	<20	<1	0.11	<10	113	<10	7	17
47	G2597	30	0.5	0.86	130	70	<5	1.42	2	8	62	413	2.33	50	0.70	94	2	0.03	4	230	20	10	<20	4	0.03	<10	53	<10	8	15
48	G2598	30	0.5	1.54	150	75	<5	0.80	3	31	85	752	5.82	20	1.21	145	6	0.03	21	310	34	5	<20	7	0.09	<10	123	<10	10	26
49	G2599	65	0.6	0.87	20	60	110	1.75	<1	9	67	433	2.37	30	0.60	123	2	0.04	5	200	22	<5	<20	18	0.02	<10	30	<10	13	20
50	G2600	20	0.3	0.81	55	30	<5	1.83	<1	9	92	480	2.37	<10	0.50	156	2	0.02	5	320	22	5	<20	20	0.01	<10	20	<10	13	26

QC DATA:

Repeat:																															
1	G2551	>1000	0.5	1.26	120	20	<5	0.20	3	46	65	4115	6.55	1320	0.22	287	4	<0.01	49	180	24	<5	<20	<1	<0.01	<10	78	<10	68	46	
3	G2553	540																													
6	G2556	590																													
10	G2560	110	0.4	0.58	200	40	<5	0.24	3	21	46	1903	4.16	<10	0.04	435	2	<0.01	14	420	30	90	<20	<1	0.02	<10	8	<10	13	114	
11	G2561	540																													
19	G2569	720	1.8	1.20	350	60	<5	1.06	5	63	180	1597	9.26	10	1.20	1213	4	0.01	121	940	26	25	<20	7	0.07	<10	101	<10	32	152	
27	G2577	640																													
34	G2584	420																													
38	G2586	<5	<0.2	0.61	10	55	<5	0.58	<1	6	69	23	1.57	30	0.35	299	1	0.07	5	420	20	<5	<20	2	0.11	<10	29	<10	14	31	
44	G2594		0.3	0.89	60	70	10	0.79	1	10	41	366	3.10	60	0.75	104	2	0.06	20	350	14	<5	<20	14	0.04	<10	47	<10	11	21	
45	G2595		0.6	0.86	20	65	40	0.98	<1	13	58	563	3.31	70	0.68	105	3	0.04	6	360	22	<5	<20	<1	0.03	<10	45	<10	10	25	

Resplit:																														
1	G2551	>1000	0.8	1.20	115	25	<5	0.21	4	50	71	4136	7.05	1290	0.27	309	4	<0.01	51	170	16	<5	<20	<1	<0.01	<10	80	<10	62	43
36	G2586	<5	<0.2	0.62	10	60	<5	0.58	<1	6	64	24	1.58	30	0.35	296	2	0.07	5	400	20	<5	<20	4	0.11	<10	29	<10	14	31

Standard:

Pb113	10.8	0.25	45	60	<5	1.60	38	3	5	2309	1.05	<10	0.10	1490	57	0.02	<1	70	5450	15	<20	74	0.02	<10	6	<10	<1	6986
Pb113	11.4	0.27	50	70	<5	1.72	38	2	5	2323	1.09	<10	0.11	1559	61	0.02	<1	60	5484	10	<20	68	0.02	<10	7	<10	<1	6936
Pb113	11.6	0.26	55	55	<5	1.71	40	2	4	2338	1.04	<10	0.11	1517	58	0.02	<1	90	5402	5	<20	91	<0.01	<10	6	<10	2	6956
SE29	610																											
SE29	600																											

CERTIFICATE OF ASSAY AK 2007-7041

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

25-Jun-07

No. of samples received: 50
Sample Type: Core
Project: Nucleus
Submitted by: Debbie James

ET #.	Tag #	Au (g/t)	Au (oz/t)
34	G2634	6.40	0.187

QC DATA:

Standard:
OXJ47

2.40 0.070

30g FA - AA Finish

JJ/bp
XLS/07

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 AK 2007-7041

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: Nucleus
Submitted by: Debbie James

Values in ppm unless otherwise reported

Et #	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Ag %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	G2601	15	<0.2	0.96	60	35	<5	2.22	<1	9	102	241	2.44	<10	0.58	137	3	0.03	3	240	32	5	<20	23	0.01	<10	20	<10	16	36
2	G2602	20	0.2	0.87	120	60	<5	1.58	<1	9	87	317	2.54	<10	0.57	141	3	0.03	5	230	38	15	<20	27	0.02	<10	20	<10	21	31
3	G2603	15	0.2	0.38	15	75	<5	2.22	<1	6	54	232	1.52	30	0.13	107	2	0.04	1	240	36	<5	<20	32	<0.01	<10	2	<10	11	22
4	G2604	10	0.2	0.36	75	40	15	4.31	<1	8	30	337	1.82	20	0.17	151	4	0.01	2	250	38	10	<20	39	<0.01	<10	3	<10	15	23
5	G2605	25	0.2	0.85	75	35	<5	0.54	<1	9	76	289	2.69	<10	0.58	163	3	<0.01	5	250	32	10	<20	12	0.02	<10	18	<10	19	22
6	G2606	20	0.4	0.26	155	55	<5	0.13	2	7	146	385	1.35	<10	0.06	99	2	0.01	7	80	34	<5	<20	16	<0.01	<10	2	<10	9	54
7	G2607	<5	<0.2	0.59	15	70	<5	0.61	<1	6	76	17	1.49	20	0.33	270	2	0.07	5	370	26	<5	<20	12	0.09	<10	28	<10	15	35
8	G2608	<5	<0.2	0.61	30	45	<5	0.78	<1	7	125	169	1.75	<10	0.38	131	2	0.02	6	110	36	<5	<20	19	0.01	<10	16	<10	12	39
9	G2609	15	0.3	1.38	45	115	<5	2.13	<1	13	90	234	2.99	10	1.16	235	3	0.03	12	440	34	10	<20	26	0.08	<10	72	<10	19	32
10	G2610	60	0.2	0.57	250	55	<5	0.21	2	12	97	412	2.67	10	0.19	216	6	<0.01	23	350	22	20	<20	8	0.02	<10	31	<10	22	23
11	G2611	90	1.5	2.40	25	85	<5	2.24	1	31	126	897	6.73	<10	2.04	517	7	0.03	31	240	54	15	<20	35	0.05	<10	137	<10	21	48
12	G2612	20	0.3	1.74	40	85	5	1.78	<1	31	68	361	5.18	<10	1.25	527	4	0.14	27	340	40	5	<20	28	0.09	<10	105	<10	22	56
13	G2613	15	0.2	1.84	180	110	10	0.88	2	29	119	244	6.29	<10	1.35	704	5	0.02	36	340	48	5	<20	21	0.08	<10	122	<10	25	75
14	G2614	10	<0.2	1.27	180	130	5	0.62	2	26	195	228	5.41	<10	1.04	589	5	0.01	69	470	34	<5	<20	14	0.07	<10	108	<10	20	51
15	G2615	15	<0.2	1.81	30	70	15	0.94	<1	30	185	213	5.34	<10	1.46	577	3	0.08	135	290	38	<5	<20	24	0.14	<10	78	<10	16	58
16	G2616	10	<0.2	0.37	40	40	<5	0.18	<1	11	86	82	1.66	<10	0.18	231	2	0.06	16	60	16	<5	<20	14	0.01	<10	8	<10	11	35
17	G2617	10	0.3	0.52	60	30	<5	0.34	<1	7	74	302	1.45	<10	0.27	155	2	0.02	9	70	30	<5	<20	18	0.01	<10	9	<10	9	50
18	G2618	15	<0.2	1.17	65	105	<5	0.38	<1	17	131	132	3.29	10	0.95	294	4	0.04	34	450	36	<5	<20	<1	0.07	<10	112	<10	15	61
19	G2619	20	<0.2	1.92	35	210	15	0.65	<1	38	180	132	5.76	<10	1.52	676	3	0.03	59	580	44	<5	<20	12	0.14	<10	132	<10	26	72
20	G2620	190	1.1	1.76	15	90	<5	1.89	<1	14	11	3773	3.52	10	1.33	621	4	0.19	8	###	20	5	<20	82	0.11	<10	159	<10	20	66
21	G2621	15	<0.2	1.30	30	80	<5	0.91	<1	25	166	140	3.67	<10	1.16	371	1	0.07	63	870	32	<5	<20	15	0.07	<10	107	<10	18	30
22	G2622	80	<0.2	2.51	35	80	5	2.22	<1	34	172	245	4.52	<10	1.36	386	5	0.23	145	490	54	10	<20	54	0.14	<10	93	<10	10	35
23	G2623	70	0.2	1.26	160	65	<5	0.50	1	21	162	289	3.72	<10	0.78	294	4	0.02	77	520	36	<5	<20	10	0.05	<10	91	<10	21	87
24	G2624	15	<0.2	1.34	40	150	10	0.28	<1	12	135	116	2.47	20	0.93	154	5	0.01	40	500	38	10	<20	7	0.08	<10	108	<10	24	22
25	G2625	15	<0.2	1.28	45	110	<5	0.29	<1	14	147	127	2.85	20	0.87	200	6	0.01	42	530	36	<5	<20	2	0.07	<10	107	<10	25	18
26	G2626	25	<0.2	0.44	320	60	<5	0.27	3	11	90	378	2.41	10	0.17	219	15	<0.01	28	530	20	20	<20	9	0.02	<10	37	<10	25	23
27	G2627	<5	<0.2	0.64	30	65	<5	0.68	<1	7	90	14	1.55	20	0.34	273	2	0.08	5	380	24	<5	<20	11	0.10	<10	30	<10	13	29
28	G2628	525	0.2	0.36	85	60	10	0.24	<1	10	80	350	2.74	50	0.09	299	3	0.01	6	190	24	10	<20	<1	0.01	<10	4	<10	18	31
29	G2629	85	<0.2	0.31	75	115	10	0.24	<1	10	65	177	2.36	50	0.11	222	2	0.04	9	200	26	<5	<20	<1	0.01	<10	9	<10	13	36
30	G2630	200	1.1	1.76	20	90	<5	1.90	<1	15	11	3779	3.53	10	1.33	623	4	0.19	8	###	20	10	<20	83	0.11	<10	159	<10	21	67

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Ag %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
31	G2631	20	<0.2	1.47	35	80	5	0.45	<1	23	72	301	5.57	20	1.03	281	5	0.05	24	290	36	5	<20	10	0.07	<10	155	<10	20	31
32	G2632	15	<0.2	0.39	55	95	<5	0.24	<1	10	62	188	2.36	60	0.19	159	4	0.05	6	200	20	<5	<20	<1	0.01	<10	8	<10	14	37
33	G2633	110	1.8	0.26	25	85	<5	0.20	<1	13	62	1150	2.50	60	0.07	162	4	0.04	10	200	12	<5	<20	<1	<0.01	<10	5	<10	12	30
34	G2634	>1000	0.7	0.29	100	85	165	0.16	<1	10	74	357	2.01	30	0.04	184	3	0.03	5	160	58	<5	<20	5	0.01	<10	2	<10	13	44
35	G2635	80	0.2	1.05	35	110	<5	0.50	<1	20	101	230	4.81	20	0.58	407	3	0.01	29	770	38	<5	<20	5	0.06	<10	66	<10	20	51
36	G2636	520	0.7	0.33	40	50	<5	0.27	<1	14	57	624	3.75	<10	0.18	172	18	0.01	9	450	24	<5	<20	10	0.02	<10	5	<10	9	48
37	G2637	35	0.7	0.28	100	45	60	0.25	1	12	46	468	3.22	<10	0.19	217	4	0.01	5	450	48	10	<20	11	0.02	<10	4	<10	8	97
38	G2638	220	0.6	0.29	60	50	<5	0.26	1	12	55	669	3.31	<10	0.23	260	4	0.01	7	450	38	<5	<20	14	0.01	<10	7	<10	13	76
39	G2639	105	0.2	1.15	125	75	5	0.40	1	16	102	187	3.83	20	0.67	285	6	0.01	25	600	54	5	<20	8	0.05	<10	60	<10	19	80
40	G2640	10	0.9	0.59	230	45	<5	0.35	4	26	58	1063	5.92	10	0.39	550	2	0.01	18	390	32	35	<20	10	0.03	<10	23	<10	25	85
41	G2641	30	0.3	1.45	105	95	<5	0.51	<1	18	108	245	3.73	20	0.87	230	4	0.01	30	590	52	10	<20	6	0.07	<10	74	<10	14	35
42	G2642	15	<0.2	0.37	105	115	<5	1.14	<1	5	57	162	1.62	60	0.21	81	2	0.05	2	230	16	<5	<20	15	0.01	<10	7	<10	12	16
43	G2643	20	0.4	0.34	120	120	<5	1.18	<1	6	64	367	1.58	60	0.19	73	2	0.05	3	200	18	<5	<20	21	<0.01	<10	7	<10	13	27
44	G2644	10	0.2	0.22	70	90	<5	0.93	<1	9	57	234	1.97	50	0.16	64	2	0.05	2	180	16	<5	<20	19	<0.01	<10	4	<10	12	17
45	G2645	15	0.4	0.27	55	90	<5	0.75	<1	9	62	358	2.07	50	0.17	71	2	0.05	2	200	16	<5	<20	16	0.01	<10	4	<10	12	17
46	G2646	<5	0.3	0.35	105	50	<5	1.42	<1	10	67	196	2.23	20	0.45	189	3	0.02	7	80	18	10	<20	73	0.01	<10	5	<10	14	33
47	G2647	30	1.1	0.58	520	40	<5	0.32	6	25	57	905	5.71	<10	0.40	534	4	0.01	17	320	48	30	<20	9	0.03	<10	23	<10	21	183
48	G2648	<5	0.2	0.45	20	35	<5	1.02	<1	16	61	382	4.58	<10	0.62	207	3	0.05	9	170	20	<5	<20	29	0.02	<10	22	<10	6	21
49	G2649	<5	<0.2	0.79	45	35	<5	1.27	<1	11	79	303	3.72	20	0.82	201	<1	0.04	4	300	26	5	<20	17	0.03	<10	25	<10	16	21
50	G2650	190	1.0	1.68	30	85	<5	1.83	<1	14	11	3818	3.44	<10	1.27	604	4	0.18	8	###	22	5	<20	79	0.11	<10	154	<10	20	66

QC DATA:**Repeat:**

1	G2601	15	<0.2	0.95	70	40	5	2.19	<1	9	101	245	2.41	<10	0.58	137	3	0.03	5	250	34	10	<20	27	0.02	<10	20	<10	19	34
10	G2610	35	0.2	0.55	255	50	<5	0.21	1	12	95	413	2.68	10	0.19	218	7	<0.01	22	350	22	20	<20	7	0.02	<10	32	<10	24	23
19	G2619	15	<0.2	1.87	55	200	20	0.64	<1	37	178	131	5.68	<10	1.50	868	4	0.02	58	590	44	10	<20	14	0.13	<10	130	<10	27	72
28	G2628	610																												
36	G2636	495	0.9	0.36	35	55	<5	0.27	<1	14	59	629	3.73	<10	0.18	173	18	0.01	9	460	26	5	<20	16	0.02	<10	5	<10	8	47
38	G2638	200																												
45	G2645		0.4	0.27	60	90	<5	0.74	<1	9	61	353	2.01	50	0.17	71	2	0.05	2	210	16	<5	<20	13	0.01	<10	5	<10	10	17

Resplit:

1	G2601	15	<0.2	0.93	90	35	5	2.18	<1	10	84	237	2.43	<10	0.58	137	3	0.02	4	260	38	5	<20	28	0.02	<10	20	<10	19	33
36	G2636	540	0.7	0.35	45	50	<5	0.27	<1	15	56	633	3.76	<10	0.18	171	18	0.01	8	460	26	<5	<20	13	0.02	<10	5	<10	10	49

Standard:

Pb113 (0.5g)		11.2	0.25	65	65	<5	1.59	33	3	6	2374	1.04	<10	0.11	###	67	0.02	1	60	###	10	<20	81	0.01	<10	8	10	1	6980
Pb113 (0.5g)		11.0	0.26	80	70	<5	1.67	34	4	6	2263	1.08	<10	0.10	###	62	0.02	2	70	###	10	<20	77	0.01	<10	8	10	1	6995
SE29	615																												
SE29	605																												

Au: 30g FA - AA Finish

ICP : Aqua - Regia Digest - ICP/AES Finish

Ag : Aqua - Regia Digest - AA Finish

JJ/sa/bp

d17/041

XLS/07

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 AK 2007-7052

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

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

No. of samples received: 21
Sample Type: Core
Project: Nucleus
Submitted by: Debbie James

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	G2651	5	0.2	0.38	35	35	<5	0.24	<1	14	112	237	2.43	<10	0.16	242	2	0.01	10	80	24	<5	<20	5	0.01	<10	4	<10	7	37
2	G2652	5	1.5	0.58	80	40	<5	0.30	2	21	98	1529	4.40	20	0.45	299	5	<0.01	11	200	30	5	<20	3	0.02	<10	19	<10	12	72
3	G2653	15	0.8	0.36	240	80	<5	0.24	5	19	80	485	4.16	90	0.15	230	9	<0.01	13	340	24	25	<20	<1	0.02	<10	8	<10	23	24
4	G2654	35	1.2	0.35	40	85	<5	0.30	2	19	80	903	4.40	30	0.14	371	4	0.01	22	340	30	<5	<20	1	0.02	<10	7	<10	20	68
5	G2655	30	0.5	0.98	30	70	<5	0.38	<1	18	100	401	4.65	40	0.74	294	6	0.01	34	460	40	<5	<20	2	0.06	<10	38	<10	29	33
6	G2656	40	1.8	0.28	75	65	<5	0.29	2	22	57	1685	4.73	<10	0.26	178	8	0.01	17	390	50	<5	<20	9	0.02	<10	7	<10	7	78
7	G2657	30	1.8	0.39	245	75	95	0.85	7	35	60	1204	9.85	20	0.38	1116	14	0.01	24	850	124	25	<20	11	0.04	<10	28	<10	16	148
8	G2658	65	3.0	0.24	<5	145	<5	1.97	5	93	61	2571	>10	20	0.34	2168	11	0.01	48	1230	14	<5	<20	26	0.10	<10	12	<10	<1	69
9	G2659	170	3.0	0.59	130	100	<5	0.35	3	18	78	1316	5.41	30	0.36	331	6	0.01	29	230	126	10	<20	<1	0.03	<10	21	<10	16	78
10	G2660	5	2.9	0.24	5	140	<5	1.88	5	90	61	2459	>10	10	0.32	2180	11	0.01	48	1090	16	<5	<20	27	0.10	<10	12	10	<1	68
11	G2661	180	0.2	0.78	80	90	<5	0.25	<1	17	82	171	3.33	20	0.36	242	3	0.01	27	320	22	<5	<20	4	0.05	<10	24	<10	17	22
12	G2662	45	0.4	0.87	60	120	<5	0.43	1	21	102	273	2.94	20	0.45	192	12	0.01	50	930	24	<5	<20	4	0.05	<10	69	<10	24	20
13	G2663	20	0.3	0.48	245	45	<5	0.36	3	12	52	201	2.96	20	0.22	347	4	<0.01	10	620	22	<5	<20	3	0.02	<10	7	<10	28	45
14	G2664	380	0.2	0.49	380	40	5	0.36	5	9	54	111	2.31	20	0.25	320	5	<0.01	5	620	26	<5	<20	8	0.01	<10	6	<10	30	48
15	G2665	45	0.2	0.68	395	45	<5	0.42	4	11	55	175	2.38	30	0.32	189	3	0.01	6	640	20	<5	<20	4	0.01	<10	6	<10	17	24
16	G2666	155	0.2	1.07	25	115	<5	0.33	<1	12	100	180	2.96	40	0.67	168	7	0.02	27	440	24	<5	<20	<1	0.06	<10	49	<10	15	16
17	G2667	80	0.2	0.38	80	65	<5	0.51	<1	20	102	168	3.51	30	0.28	337	5	<0.01	23	420	18	5	<20	2	0.02	<10	17	<10	20	34
18	G2668	15	0.3	0.44	20	45	<5	3.79	<1	16	88	223	3.22	30	0.84	253	8	<0.01	18	880	18	<5	<20	57	0.02	<10	43	<10	25	20
19	G2669	25	1.1	0.30	85	90	<5	0.30	3	24	108	850	3.42	20	0.11	464	4	<0.01	26	280	38	<5	<20	5	0.02	<10	15	<10	23	112
20	G2670	200	1.2	1.71	10	95	<5	1.95	<1	14	12	3722	3.56	10	1.31	629	3	0.18	9	1710	30	5	<20	81	0.11	<10	159	<10	28	69
21	G2671	75	0.3	0.36	75	90	5	3.46	2	10	61	212	2.54	40	0.79	288	7	<0.01	17	270	24	25	<20	36	0.01	<10	15	<10	19	71

QC DATA:

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ECO TECH LABORATORY LTD.

ICP CERTIFICATE OF ANALYSIS AK 2007-7052

Bushmaster Exploration

Et #	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Resplit:																														
1	G2651	5	0.3	0.38	35	50	5	0.27	<1	15	113	246	2.64	<10	0.17	260	2	0.01	10	80	30	<5	<20	12	0.02	<10	4	<10	11	40
Standard:																														
SE29		600																												
Pb113			11.2	0.23	50	65	<5	1.56	36	3	5	2229	1.06	<10	0.10	1407	64	0.02	1	60	5616	15	<20	73	0.02	<10	7	<10	2	6961

JJ/jl
d#713
XLS#07

ECO TECH LABORATORY LTD.

Jutta Jealous
B.C. Certified Assayer

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 8T4

ICP CERTIFICATE OF ANALYSIS AK 2007-7053

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

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

No. of samples received: 51
Sample Type: Core/Rock
Project: Nucleus
Submitted by: Debbie James

Values in ppm unless otherwise reported

Et #	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	G2672	405	0.9	1.32	115	75	30	0.55	<1	8	59	212	4.81	20	0.41	89	4	0.08	6	1930	36	10	<20	18	0.07	<10	125	<10	30	60
2	G2673	20	<0.2	0.54	95	75	<5	0.21	<1	5	83	138	3.16	30	0.11	61	6	0.07	7	430	18	10	<20	3	0.02	<10	20	<10	17	49
3	G2674	80	<0.2	0.27	75	115	<5	0.03	<1	3	82	49	3.10	30	<0.01	21	4	0.09	4	240	12	<5	<20	4	0.01	<10	3	<10	5	17
4	G2675	315	<0.2	0.25	145	105	5	0.03	<1	3	86	57	3.02	30	<0.01	25	5	0.06	5	130	10	<5	<20	5	0.01	<10	3	<10	8	14
5	G2676	60	<0.2	0.29	95	75	<5	0.05	<1	3	90	178	1.89	30	<0.01	28	3	0.08	4	90	12	<5	<20	2	<0.01	<10	3	<10	13	18
6	G2677	30	<0.2	0.22	80	80	<5	0.03	<1	2	87	113	1.61	20	<0.01	19	2	0.07	3	50	10	<5	<20	4	<0.01	<10	3	<10	9	8
7	G2678	95	0.2	0.29	85	110	<5	0.02	<1	3	89	135	2.65	20	0.05	26	3	0.08	4	150	12	<5	<20	5	0.01	<10	8	<10	9	17
8	G2679	140	0.2	0.35	80	100	<5	0.03	<1	3	88	76	2.23	30	0.04	21	4	0.08	3	200	14	<5	<20	7	0.02	<10	11	<10	11	22
9	G2680	85	<0.2	0.71	115	100	<5	0.05	<1	5	78	180	3.21	30	0.16	43	4	0.07	5	280	26	<5	<20	3	0.04	<10	15	<10	13	41
10	G2681	30	<0.2	0.37	100	70	<5	0.04	<1	4	91	88	2.88	20	0.05	34	5	0.08	5	200	12	<5	<20	<1	0.02	<10	8	<10	8	54
11	G2682	130	<0.2	0.42	120	70	15	0.03	<1	10	87	130	3.31	20	0.07	64	5	0.08	6	210	16	<5	<20	7	0.02	<10	5	<10	8	86
12	G2683	360	0.9	0.33	970	90	20	0.02	2	44	75	266	8.77	<10	<0.01	157	7	0.08	31	300	24	55	<20	5	0.04	<10	3	<10	13	239
13	G2684	175	<0.2	0.59	105	70	<5	0.07	<1	6	89	417	2.60	20	0.14	84	4	0.07	6	230	20	<5	<20	<1	0.03	<10	4	<10	15	41
14	G2685	435	0.3	0.75	110	85	15	0.10	<1	6	56	335	4.13	20	0.37	60	3	0.08	5	910	24	<5	<20	7	0.05	<10	33	<10	13	48
15	G2686	105	<0.2	0.90	155	80	<5	0.09	<1	26	79	389	3.12	20	0.21	68	3	0.07	11	410	24	<5	<20	<1	0.05	<10	6	<10	29	69
16	G2687	215	0.2	1.10	120	100	10	0.12	<1	17	68	358	4.10	20	0.53	102	3	0.06	8	530	30	<5	<20	3	0.07	<10	17	<10	24	74
17	G2688	890	0.5	1.20	185	135	45	0.06	2	15	63	318	7.61	<10	0.50	182	8	0.05	15	330	32	10	<20	8	0.08	<10	6	<10	7	128
18	G2689	555	0.8	1.13	215	140	75	0.08	<1	15	80	587	3.26	10	0.41	131	4	0.05	8	140	30	5	<20	5	0.06	<10	2	<10	10	50
19	G2690	35	0.2	1.47	245	170	<5	0.09	<1	11	81	383	3.38	<10	0.72	228	4	0.06	6	230	38	5	<20	4	0.10	<10	2	<10	9	38
20	G2691	230	0.4	1.54	350	170	90	0.11	<1	23	73	566	3.70	<10	0.84	227	4	0.05	12	190	44	10	<20	1	0.09	<10	2	<10	11	114
21	G2692	125	<0.2	1.62	520	200	20	0.10	<1	12	77	233	3.66	10	0.88	164	5	0.06	8	370	38	15	<20	3	0.11	<10	3	<10	14	40
22	G2693	290	0.5	1.18	725	110	25	0.05	1	6	93	284	4.33	20	0.56	87	4	0.07	7	380	32	15	<20	5	0.06	<10	17	<10	9	46
23	G2694	180	0.2	1.26	370	120	10	0.07	<1	5	72	244	3.04	20	0.39	104	4	0.05	5	280	32	15	<20	4	0.06	<10	4	<10	13	36
24	G2695	160	<0.2	0.83	420	90	50	0.06	<1	4	74	176	2.51	20	0.28	47	5	0.07	7	220	22	15	<20	4	0.03	<10	4	<10	11	34
25	G2696	90	<0.2	0.60	515	95	10	0.04	<1	3	86	146	2.25	20	0.17	36	4	0.08	3	130	18	5	<20	8	0.03	<10	5	<10	11	26

Et #	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	G2697	50	<0.2	1.14	575	120	5	0.09	1	5	51	246	3.39	40	0.29	42	5	0.07	5	680	30	15	<20	9	0.04	<10	28	<10	18	35
27	G2698	75	<0.2	0.79	800	90	30	0.07	<1	5	67	274	4.36	30	0.15	32	4	0.08	5	470	22	20	<20	11	0.03	<10	14	<10	16	53
28	G2699	5	<0.2	0.66	45	60	<5	0.76	<1	7	76	21	1.59	20	0.36	286	2	0.08	5	420	26	<5	<20	12	0.09	<10	32	<10	15	33
29	G2700	60	<0.2	1.21	650	105	<5	0.09	2	5	44	284	3.83	50	0.35	47	7	0.07	7	810	32	25	<20	10	0.04	<10	36	<10	21	38
30	G2701	245	<0.2	0.60	335	75	<5	0.05	<1	2	77	124	1.55	20	0.19	24	4	0.05	4	150	18	15	<20	4	0.01	<10	8	<10	7	14
31	G2702	55	0.2	0.23	255	85	<5	0.02	<1	2	89	64	1.24	20	<0.01	18	3	0.08	4	50	10	<5	<20	2	<0.01	<10	2	<10	5	15
32	G2703	75	<0.2	0.20	240	60	5	0.02	<1	2	67	33	0.81	20	<0.01	15	4	0.05	3	40	12	5	<20	6	<0.01	<10	3	<10	5	11
33	G2704	205	<0.2	0.22	275	110	<5	0.01	<1	2	82	93	1.58	10	<0.01	25	5	0.05	3	50	12	<5	<20	6	<0.01	<10	2	<10	4	13
34	G2705	20	<0.2	0.20	180	85	<5	0.02	<1	2	74	55	1.42	20	0.02	20	6	0.08	6	60	12	10	<20	9	<0.01	<10	5	<10	5	11
35	G2706	50	0.3	0.42	170	40	<5	0.12	<1	15	80	444	3.37	10	0.08	75	6	0.06	12	280	14	10	<20	<1	0.02	<10	3	<10	23	97
36	G2707	25	<0.2	0.74	225	70	<5	0.20	<1	15	74	287	3.10	20	0.24	143	4	0.05	8	410	26	<5	<20	7	0.04	<10	4	<10	47	31
37	G2708	45	<0.2	0.86	115	60	<5	0.19	<1	19	67	280	4.31	30	0.36	186	5	0.05	8	360	24	<5	<20	<1	0.04	<10	5	<10	45	48
38	G2709	340	<0.2	0.63	65	45	<5	0.16	<1	15	77	291	3.77	20	0.28	133	5	0.06	3	240	20	<5	<20	<1	0.04	<10	4	<10	40	27
39	G2710	205	1.2	1.84	10	85	<5	1.82	<1	15	11	3867	3.64	10	1.36	650	3	0.19	12	1810	20	15	<20	87	0.10	<10	168	<10	22	71
40	G2711	50	<0.2	0.83	70	60	15	0.45	<1	14	66	205	3.93	20	0.42	324	4	0.06	7	560	24	<5	<20	7	0.07	<10	24	<10	35	69
41	G2712	80	<0.2	0.77	75	40	10	0.33	<1	15	73	256	3.55	20	0.47	181	3	0.05	5	610	20	<5	<20	5	0.03	<10	35	<10	32	18
42	G2713	70	<0.2	0.55	280	35	<5	0.17	<1	20	82	255	3.18	30	0.24	134	4	0.05	9	290	20	5	<20	<1	0.02	<10	9	<10	79	66
43	G2714	305	0.3	0.73	405	40	<5	0.11	<1	22	73	644	3.28	20	0.35	77	4	0.04	11	260	24	25	<20	<1	0.02	<10	5	<10	45	32
44	G2715	15	<0.2	0.66	50	75	<5	0.72	<1	7	71	14	1.61	20	0.36	291	2	0.08	5	410	26	<5	<20	12	0.09	<10	32	<10	15	35
45	G2716	55	<0.2	0.66	320	40	<5	0.17	<1	27	80	264	2.53	20	0.26	146	3	0.05	29	280	28	<5	<20	4	0.02	<10	6	<10	37	116
46	G2717	120	<0.2	0.71	190	45	<5	0.23	<1	21	69	213	3.45	20	0.38	137	3	0.05	8	440	24	<5	<20	3	0.03	<10	15	<10	41	39
47	G2718	260	<0.2	1.27	90	55	<5	0.24	<1	27	88	542	4.16	20	1.00	104	7	0.04	21	570	34	10	<20	1	0.07	<10	85	<10	29	62
48	G2719	710	0.3	1.71	40	80	<5	0.36	1	30	50	1082	5.71	<10	1.43	153	6	0.05	12	700	40	15	<20	6	0.10	<10	140	<10	14	29
49	G2720	35	0.2	0.74	355	80	<5	0.16	<1	14	87	321	3.86	20	0.24	129	3	0.05	4	310	20	<5	<20	<1	0.04	<10	4	<10	42	31
50	G2721	80	<0.2	2.17	40	115	10	0.52	1	32	72	224	6.14	<10	1.91	289	5	0.06	15	720	46	15	<20	6	0.17	<10	158	<10	11	48
51	E178414	50	<0.2	0.34	550	110	<5	0.03	<1	16	86	331	6.84	10	<0.01	46	8	0.06	13	560	12	<5	<20	3	0.03	<10	5	<10	11	121

QC DATA:

Repeat:

1	G2672	395	0.9	1.37	115	80	25	0.56	<1	7	60	215	4.85	20	0.43	92	5	0.09	7	1920	34	5	<20	17	0.07	<10	128	<10	30	61
4	G2675	400																												
10	G2681	35	<0.2	0.38	100	75	10	0.04	<1	5	93	90	2.88	20	0.06	35	3	0.08	3	200	12	<5	<20	<1	0.03	<10	9	<10	11	54
14	G2685	530																												
19	G2690	40	0.2	1.48	250	165	<5	0.09	<1	11	84	363	3.34	<10	0.72	226	5	0.06	5	230	36	15	<20	6	0.10	<10	2	<10	8	36
30	G2701	220																												
36	G2707	20	<0.2	0.75	220	65	5	0.21	<1	15	72	292	3.12	20	0.26	144	6	0.05	7	400	24	5	<20	6	0.03	<10	5	<10	47	31
38	G2709	410																												
43	G2714	280																												
45	G2716	75																												
47	G2718	200																												
48	G2719	670																												

Resplit:

1	G2672	335	1.1	1.38	105	85	30	0.57	1	8	53	221	4.88	20	0.43	93	3	0.08	7	1980	34	10	<20	16	0.07	<10	129	<10	29	60
36	G2707	25	<0.2	0.78	220	65	<5	0.21	<1	16	79	296	3.15	20	0.26	143	3	0.05	8	430	24	5	<20	7	0.04	<10	4	<10	45	32

Et #	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn	
Standard:																															
Pb113			11.4	0.28	70	70	<5	1.71	39	3	6	2356	1.10	<10	0.12	1573	71	0.02	3	60	5450	15	<20	67	0.01	<10	10	10	2	6906	
Pb113			11.8	0.28	60	75	<5	1.73	40	3	7	2378	1.10	<10	0.13	1584	73	0.02	4	70	5456	15	<20	71	<0.01	<10	11	10	2	7011	
Pb113			11.2	0.22	70	55	<5	2.60	37	3	5	1991	1.09	<10	0.09	1500	92	0.02	4	170	5564	30	<20	67	<0.01	<10	8	70	<1	7198	
OXD43		405																													
OXD43		400																													

JLJ
d7742
XLS07ECO TECH LABORATORY LTD.
Jutta Jealous
B.C. Certified Assayer

CERTIFICATE OF ASSAY AW 2007- 7057

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

11-Jul-07

No. of samples received: 50
Sample Type: Rock
Project: Nucleus
Submitted by: Debbie James

ET #.	Tag #	Au (g/t)	Au (oz/t)
27	G2748	1.04	0.030

QC DATA:

Standard: OXK48	3.54	0.103
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JJ/sa
XLS/07

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 AK 2007-7057

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: Rock
Project: Nucleus
Submitted by: Debbie James

Values in ppm unless otherwise reported

Et #	Tag #	Au(ppb)	Ag	Al %	As	Ba	BI	Ca %	Cd	Co	Cr	Cu	Fe %	La	Vg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	TI %	U	V	W	Y	Zn
1	G2722	130	0.3	1.45	45	80	<5	2.66	2	14	89	213	4.40	70	1.58	261	5	0.02	10	810	24	5	<20	5	0.07	<10	78	<10	22	16
2	G2723	85	<0.2	2.29	40	90	<5	0.39	2	22	110	295	5.27	20	2.27	226	6	0.05	22	620	50	20	<20	6	0.14	<10	112	<10	17	28
3	G2724	415	<0.2	2.29	50	65	<5	0.52	2	21	76	1210	4.78	30	2.02	124	7	0.03	16	1280	50	25	<20	1	0.09	<10	132	<10	37	22
4	G2725	25	<0.2	0.70	35	55	<5	0.09	<1	6	60	886	1.15	30	0.38	59	3	0.04	4	120	20	10	<20	<1	<0.01	<10	13	<10	25	8
5	G2726	95	<0.2	0.85	60	55	<5	0.07	<1	6	70	1158	0.86	40	0.30	44	2	0.01	7	130	28	10	<20	<1	<0.01	<10	11	<10	30	6
6	G2727	230	3.1	1.55	365	60	<5	0.16	6	26	68	7046	3.42	30	0.74	50	7	0.01	19	270	48	35	<20	5	0.03	<10	59	<10	23	26
7	G2728	135	0.2	1.70	80	70	<5	0.23	2	14	56	3652	2.71	40	0.85	83	7	0.01	8	660	68	20	<20	6	0.05	<10	66	<10	25	18
8	G2729	765	1.2	0.58	330	110	165	0.04	6	6	34	1196	3.87	30	0.02	62	7	0.01	9	540	106	40	<20	10	<0.01	<10	29	<10	19	30
9	G2730	80	2.2	0.58	100	45	205	0.23	2	14	50	1007	2.13	40	0.14	177	2	<0.01	9	310	102	<5	<20	<1	0.02	<10	19	<10	20	32
10	G2731	280	0.5	0.73	395	40	<5	0.36	5	14	44	3474	2.87	80	0.10	105	3	<0.01	20	680	18	25	<20	<1	<0.01	<10	30	<10	87	22
11	G2732	635	2.1	0.94	135	70	<5	0.74	4	29	29	2150	6.00	90	0.58	260	6	0.01	13	1080	24	15	<20	<1	0.02	<10	79	<10	75	65
12	G2733	765	1.5	1.55	60	70	30	0.96	4	30	21	1577	6.81	30	1.28	296	9	0.02	17	1440	34	20	<20	5	0.05	<10	149	<10	44	44
13	G2734	250	0.5	0.76	115	45	30	0.42	3	16	61	568	3.72	30	0.41	246	5	0.01	11	500	22	10	<20	3	0.03	<10	34	<10	27	25
14	G2735	15	<0.2	0.86	20	85	<5	0.76	<1	7	72	15	1.80	30	0.39	299	3	0.08	7	430	26	<5	<20	13	0.10	<10	32	<10	21	33
15	G2736	85	0.9	0.56	105	45	80	0.27	2	16	58	1004	2.46	50	0.16	205	4	0.01	10	360	36	5	<20	<1	<0.01	<10	21	<10	23	41
16	G2737	605	0.4	1.28	120	70	<5	0.86	2	29	50	981	5.08	40	0.92	465	6	0.02	17	920	28	15	<20	2	0.04	<10	59	<10	37	71
17	G2738	520	0.7	0.75	250	100	<5	1.35	5	47	24	661	7.10	80	0.69	994	7	0.01	31	1230	24	25	<20	1	0.03	<10	88	<10	48	68
18	G2739	270	0.7	1.12	270	60	<5	0.89	5	38	25	1715	5.41	30	0.33	573	6	0.01	36	910	28	15	<20	15	0.02	<10	50	<10	55	79
19	G2740	205	1.2	1.70	<5	90	<5	1.84	1	15	11	3895	3.62	20	1.41	644	3	0.20	10	1720	32	10	<20	94	0.11	<10	168	<10	29	68
20	G2741	135	<0.2	0.64	130	60	<5	0.70	4	38	52	1031	6.09	40	0.40	640	6	0.01	38	570	20	5	<20	<1	0.02	<10	76	<10	39	85
21	G2742	135	0.2	0.85	85	55	<5	0.76	4	50	82	688	6.54	40	0.53	790	6	0.01	46	570	24	<5	<20	2	0.04	<10	75	<10	53	109
22	G2743	165	0.2	2.42	115	100	<5	0.59	4	34	93	3890	5.21	40	1.40	463	7	0.02	49	390	58	20	<20	3	0.08	<10	103	<10	53	81
23	G2744	540	0.4	1.28	305	50	<5	0.34	4	16	37	6226	2.18	20	0.22	91	6	0.01	27	400	56	15	<20	8	<0.01	<10	26	<10	23	47
24	G2745	20	<0.2	0.86	30	75	<5	0.74	<1	7	69	21	1.63	30	0.38	289	2	0.07	4	430	26	<5	<20	8	0.10	<10	34	<10	20	33
25	G2746	910	1.3	1.08	175	70	20	0.34	6	37	53	1379	4.86	20	0.69	232	37	0.01	29	190	42	10	<20	6	0.04	<10	107	<10	31	51
26	G2747	540	0.6	1.03	270	65	<5	0.43	6	34	83	810	6.19	30	0.72	362	9	0.01	26	440	28	15	<20	3	0.04	<10	76	<10	28	64
27	G2748	>1000	0.7	0.90	45	80	<5	0.29	2	22	59	909	3.80	20	0.62	186	5	0.03	18	280	30	10	<20	8	0.04	<10	38	<10	24	37
28	G2749	295	0.4	1.87	65	85	35	0.51	4	45	154	753	9.11	20	1.87	788	10	0.02	53	480	46	25	<20	6	0.08	<10	107	<10	31	92
29	G2750	315	0.7	0.70	90	60	<5	0.38	6	25	38	1539	3.74	20	0.24	304	8	0.01	23	710	36	30	<20	9	0.01	<10	20	<10	17	68
30	G2751	280	0.9	0.75	225	80	<5	0.38	6	27	43	2410	3.39	20	0.09	291	5	0.01	29	660	44	15	<20	13	<0.01	<10	15	<10	22	96

ECO TECH LABORATORY LTD.

ICP CERTIFICATE OF ANALYSIS AK 2007- 7057

Bushmaster Exploration

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
31	G2752	240	0.7	1.41	3840	75	<5	0.32	57	88	32	1657	7.58	40	0.06	595	11	0.01	62	480	74	155	<20	<1	0.03	<10	58	<10	39	130
32	G2753	15	<0.2	0.63	40	105	<5	0.53	<1	7	86	24	1.56	30	0.37	288	2	0.08	7	420	24	10	<20	11	0.11	<10	32	<10	22	31
33	G2754	340	0.5	0.43	480	75	50	0.58	8	40	45	485	6.07	130	0.22	721	4	0.01	17	280	14	10	<20	<1	0.02	<10	17	<10	31	79
34	G2755	40	0.4	1.00	85	70	<5	1.32	3	25	78	433	6.09	40	0.99	448	6	0.01	13	860	28	20	<20	11	0.04	<10	58	<10	31	37
35	G2756	20	0.4	1.20	55	80	10	3.43	2	18	58	272	4.78	40	1.26	336	4	0.02	16	860	28	10	<20	35	0.05	<10	70	<10	25	22
36	G2757	145	0.4	1.00	210	70	10	4.09	4	19	88	497	4.57	20	1.07	337	4	0.03	22	620	30	10	<20	47	0.03	<10	55	<10	17	36
37	G2758	25	0.2	0.91	110	70	<5	5.60	3	18	78	397	4.81	20	1.50	296	5	0.02	15	750	24	15	<20	77	0.03	<10	45	<10	23	20
38	G2759	20	0.2	1.45	45	80	<5	2.68	2	14	69	213	4.40	70	1.58	261	5	0.02	10	810	24	5	<20	5	0.07	<10	76	<10	22	16
39	G2760	15	0.3	1.61	95	170	15	6.68	4	12	75	183	3.84	30	1.60	293	7	0.03	11	690	86	25	<20	95	0.10	<10	81	<10	27	91
40	G2761	35	0.2	3.11	95	200	30	2.85	3	26	56	374	6.61	20	3.10	381	7	0.03	15	1390	68	30	<20	36	0.21	<10	175	<10	38	30
41	G2762	70	<0.2	0.97	175	75	10	3.41	4	21	61	456	5.29	70	0.87	170	6	0.04	14	700	24	15	<20	38	0.03	<10	66	<10	17	14
42	G2763	45	<0.2	0.85	140	110	<5	1.92	2	13	58	205	3.22	140	0.61	210	4	0.08	8	650	24	<5	<20	<1	0.04	<10	49	10	20	20
43	G2764	45	<0.2	1.25	80	70	10	1.58	3	19	74	317	4.73	30	1.27	199	6	0.06	13	790	30	15	<20	14	0.06	<10	96	10	35	18
44	G2765	90	<0.2	1.04	75	55	5	1.27	1	12	59	184	2.93	30	0.92	137	4	0.08	7	590	26	10	<20	14	0.06	<10	69	<10	32	16
45	G2766	35	<0.2	1.18	70	65	10	1.34	2	15	78	211	3.61	20	1.13	150	4	0.08	12	760	30	15	<20	21	0.10	<10	90	<10	33	13
46	G2767	70	<0.2	1.10	315	50	<5	2.06	4	13	68	298	3.36	30	1.01	178	4	0.06	10	620	26	10	<20	25	0.06	<10	76	10	38	24
47	G2768	60	<0.2	1.31	680	50	15	1.80	11	18	89	386	4.47	20	1.40	213	6	0.07	14	930	28	20	<20	23	0.08	<10	106	10	30	21
48	G2769	15	<0.2	0.55	175	65	<5	0.84	2	7	78	86	1.57	<10	0.41	95	2	0.07	7	330	18	<5	<20	41	0.02	<10	35	<10	17	14
49	G2770	135	<0.2	1.06	130	85	5	4.99	2	16	92	308	4.78	30	1.52	302	5	0.02	13	890	28	15	<20	66	0.04	<10	53	<10	27	31
50	G2771	75	<0.2	2.18	1020	90	45	2.92	19	23	54	348	6.75	30	2.49	362	13	0.06	23	1180	44	45	<20	43	0.11	<10	214	<10	27	30

QC DATA:**Repeat:**

1	G2722	120	0.2	1.46	75	90	5	2.69	2	15	71	214	4.43	70	1.59	263	4	0.02	12	880	34	20	<20	12	0.08	<10	76	<10	26	17
8	G2729	640																												
10	G2731	220	0.5	0.72	400	45	<5	0.36	6	15	43	3523	2.91	90	0.10	107	5	<0.01	22	690	20	40	<20	<1	<0.01	<10	30	<10	90	23
11	G2732	520																												
12	G2733	820																												
25	G2746	850																												
30	G2751	200																												
36	G2757	115	0.4	1.02	240	80	5	4.20	4	19	88	524	4.67	20	1.09	346	5	0.03	24	670	32	15	<20	51	0.03	<10	57	<10	18	38
41	G2762	95																												
45	G2766	35																												

Resplit:

36	G2757	120	0.4	0.97	240	80	10	4.12	4	18	77	431	4.46	20	1.07	330	5	0.03	22	680	30	15	<20	49	0.03	<10	64	<10	18	32
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Standard:

Pb113		11.4	0.30	60	70	<5	1.84	42	3	6	2332	1.14	<10	0.15	1538	77	0.02	4	70	5526	10	<20	79	<0.01	<10	8	10	2	6943
Pb113		11.9	0.31	65	70	<5	1.80	41	4	6	2225	1.15	<10	0.14	1545	75	0.02	2	80	5466	15	<20	74	<0.01	<10	8	10	2	6990
Pb113		11.0	0.25	50	75	<5	1.73	35	3	5	2204	1.03	<10	0.11	1462	70	0.02	2	60	5494	15	<20	74	<0.01	<10	7	10	<1	6897
OXD43	410																												
OXD43	405																												

ECO TECH LABORATORY LTD.

Jutta Jealous

B.C. Certified Assayer

JJ/J
08/054
XLS/07

CERTIFICATE OF ASSAY AW 2007- 7071

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

10-Jul-07

No. of samples received: 34
Sample Type: Rock
Project: Nucleus
Submitted by: Debbie James

ET #.	Tag #	Ag (g/t)	Ag (oz/t)
9	G2780	38.9	1.13

QC DATA:

Standard:
Pb113

22.2 0.65

JJ/jl
XLS/07

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 AK 2007-7071
Revised

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

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

No. of samples received: 34
Sample Type: Rock
Project: Nucleus
Submitted by: Debbie James

Values in ppm unless otherwise reported

El #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	G2772	80	0.6	0.89	180	35	30	1.72	<1	14	45	552	3.54	<10	0.82	230	2	0.05	10	500	44	5	<20	50	0.04	<10	52	<10	8	71
2	G2773	40	<0.2	0.42	190	35	15	2.52	<1	6	52	160	1.73	<10	0.33	150	1	0.04	5	220	14	10	<20	59	0.02	<10	26	<10	8	19
3	G2774	20	<0.2	0.57	225	15	15	1.40	<1	10	68	276	3.11	<10	0.52	302	<1	0.05	8	320	24	10	<20	13	0.03	<10	15	<10	11	27
4	G2775	35	0.2	0.58	195	20	<5	0.94	<1	8	70	318	2.89	<10	0.47	161	1	0.05	8	260	20	5	<20	12	0.03	<10	22	<10	8	37
5	G2776	25	0.2	0.41	170	30	5	0.45	<1	7	75	336	2.15	10	0.34	88	<1	0.05	5	200	12	<5	<20	7	0.02	<10	7	<10	5	14
6	G2777	850	0.4	0.70	140	35	15	0.48	<1	10	66	371	2.99	<10	0.57	117	1	0.05	7	310	24	10	<20	10	0.04	<10	23	<10	5	26
7	G2778	40	<0.2	0.51	130	25	5	0.51	<1	7	85	108	2.34	<10	0.35	94	<1	0.06	5	240	14	5	<20	11	0.03	<10	13	<10	6	11
8	G2779	15	0.2	0.38	380	15	<5	1.04	<1	8	70	231	2.22	<10	0.31	95	<1	0.06	8	250	18	10	<20	21	0.02	<10	11	<10	8	37
9	G2780	45	<0.2	0.13	1050	<5	<5	>10	<1	4	37	67	1.80	<10	0.74	221	2	<0.01	2	140	6	40	<20	587	0.01	<10	6	<10	13	3
10	G2781	80	<0.2	0.41	490	25	<5	0.85	<1	6	72	122	1.96	<10	0.37	92	<1	0.06	5	230	16	10	<20	27	0.02	<10	11	<10	7	10
11	G2782	175	<0.2	0.50	290	20	<5	0.72	<1	9	72	179	2.78	<10	0.44	86	2	0.05	6	320	14	15	<20	18	0.02	<10	18	<10	10	9
12	G2783	70	<0.2	0.11	1305	<5	<5	>10	<1	4	34	75	1.73	<10	0.53	227	4	0.01	3	110	8	40	<20	504	0.01	<10	6	<10	13	5
13	G2784	35	<0.2	0.42	765	25	<5	14.03	<1	9	63	103	2.21	20	0.32	185	2	0.01	7	260	12	25	<20	241	0.01	<10	21	<10	8	14
14	G2785	10	<0.2	0.52	20	70	<5	0.48	<1	6	80	16	1.38	20	0.27	241	<1	0.06	5	400	22	<5	<20	9	0.08	<10	24	<10	3	29
15	G2786	50	<0.2	1.04	90	90	10	2.14	<1	19	104	117	3.77	10	0.56	284	2	0.09	13	320	24	<5	<20	66	0.06	<10	80	<10	4	29
16	G2787	175	<0.2	0.87	105	45	80	2.22	<1	15	112	154	3.17	<10	0.62	247	1	0.06	8	480	22	<5	<20	48	0.06	<10	75	<10	3	25
17	G2788	155	<0.2	1.58	135	40	15	2.51	<1	19	104	204	5.02	<10	1.29	239	2	0.09	12	450	34	10	<20	63	0.08	<10	142	<10	5	20
18	G2789	100	<0.2	1.83	55	45	15	2.54	<1	18	113	143	4.97	<10	1.39	227	3	0.09	14	520	38	5	<20	61	0.09	<10	153	<10	5	21
19	G2790	65	<0.2	1.78	180	30	10	5.98	<1	15	109	98	4.09	<10	1.03	290	2	0.03	13	440	36	5	<20	109	0.08	<10	107	<10	8	18
20	G2791	60	<0.2	1.10	80	75	5	2.07	<1	17	128	121	3.47	20	0.66	220	2	0.11	9	360	24	<5	<20	37	0.06	<10	86	<10	4	15
21	G2792	25	<0.2	0.58	45	105	<5	1.58	<1	10	104	87	1.93	40	0.25	115	1	0.07	4	210	16	<5	<20	7	0.02	<10	23	<10	5	7
22	G2793	65	<0.2	1.48	100	60	20	2.39	<1	24	92	202	4.68	<10	1.00	243	3	0.05	17	360	32	15	<20	43	0.06	<10	113	<10	5	15
23	G2794	65	<0.2	1.73	140	60	<5	2.20	<1	20	64	218	4.58	<10	1.20	204	1	0.02	14	410	98	10	<20	52	0.06	<10	115	<10	4	17
24	G2795	230	<0.3	1.21	60	50	<5	1.77	<1	12	48	199	3.52	10	1.02	183	1	0.06	8	390	26	<5	<20	24	0.07	<10	84	<10	5	20
25	G2796	35	<0.2	1.76	35	55	<5	1.93	<1	19	42	407	5.37	<10	1.61	249	2	0.06	9	520	38	5	<20	37	0.10	<10	161	<10	1	25

El #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	G2797	140	<0.2	1.10	250	45	<5	2.73	<1	8	67	143	2.60	20	0.91	263	2	0.04	11	480	38	20	<20	34	0.04	<10	47	<10	9	38
27	G2798	35	<0.2	1.27	260	25	10	1.81	<1	6	89	148	1.99	<10	0.95	110	2	0.03	4	520	50	15	<20	35	0.04	<10	33	<10	13	61
28	G2799	75	<0.2	1.19	125	25	60	1.75	<1	7	88	84	2.17	<10	0.92	168	<1	0.03	5	610	74	10	<20	26	0.05	<10	33	<10	12	55
29	G2800	200	1.0	1.67	20	75	<5	2.75	<1	13	11	3485	3.31	<10	1.13	579	3	0.17	11	1960	38	5	<20	127	0.10	<10	146	<10	7	70
30	G2801	70	<0.2	1.32	100	35	15	1.69	<1	7	75	95	2.38	<10	1.07	311	<1	0.04	5	500	106	5	<20	29	0.05	<10	32	<10	12	94
31	G2802	50	<0.2	0.82	180	45	<5	2.23	<1	5	67	75	1.73	30	0.58	130	<1	0.02	2	300	24	5	<20	23	0.02	<10	13	<10	10	11
32	G2803	50	<0.2	0.89	55	95	10	1.31	<1	6	74	62	2.02	30	0.71	184	<1	0.04	2	390	24	5	<20	6	0.06	<10	16	<10	10	16
33	G2804	75	<0.2	1.32	60	45	10	1.57	<1	11	74	200	3.28	<10	1.13	206	3	0.04	9	580	38	15	<20	21	0.06	<10	83	<10	13	20
34	E178415	25	<0.2	1.04	170	20	55	2.30	<1	7	66	106	2.29	<10	0.84	149	1	0.03	5	580	60	15	<20	36	0.04	<10	62	<10	15	27

QC DATA:**Repeat:**

1	G2772	60	0.8	0.69	190	40	75	1.72	<1	14	45	545	3.50	<10	0.61	227	1	0.05	10	500	44	10	<20	53	0.04	<10	52	<10	5	69
6	G2777	900																												
9	G2780		<0.2	0.14	1010	<5	<5	>10	<1	2	28	65	1.78	<10	0.87	226	1	0.01	4	150	6	35	<20	563	<0.01	<10	4	<10	18	3
10	G2781	85	<0.2	0.42	430	25	<5	0.85	<1	6	74	123	1.98	<10	0.97	93	<1	0.06	4	220	14	<5	<20	25	0.02	<10	11	<10	7	11
16	G2787	205																												
19	G2790	65	<0.2	1.78	165	30	10	5.98	<1	15	109	98	4.08	<10	1.02	290	1	0.03	12	440	36	10	<20	111	0.03	<10	107	<10	8	18

Repeat:

1	G2772	35	0.5	0.71	180	35	45	1.88	<1	14	64	490	3.56	<10	0.71	213	1	0.07	9	440	38	<5	<20	47	0.07	<10	56	<10	7	65
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Standard:

Pb113		110	0.27	60	55	<5	1.78	40	2	2	2461	1.09	<10	0.11	1547	57	0.02	1	205	5412	5	<20	135	<0.01	<10	6	<10	1	6489
OXD43	405																												

JJ/ji
d8/761
XLS/07

ECO TECH LABORATORY LTD.

Jutta Jealous

B.C. Certified Assayer

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