094805

2006 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

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Debbie James, B.Sc.

June 12, 2007

Period of Work: August 2006

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Summary

The Freegold Mountain Property is located in the Dawson Range of the Yukon. Between July 26 and October 5, 2006, 26 diamond holes were drilled within the Nucleus Zone on the property. This report covers the work of one of the holes, GRD06-23, which was applied for assessment filing.

GRD-06-023 was a step out hole drilled west of the known mineralization. It was drilled to a depth of 156.70 at an azimuth of 270° and at a dip of -50° to test the continuity of mineralization. The best gold values were intersected in the first 70 m of the hole which included 27.10 m of 1.02 g/t Au and 7.5 m of 0.76 g/t Au. Higher gold values ranged from 1.07 g/t to 3.45 g/t.

Hole GRD-06-023 confirmed that mineralization in the Nucleus zone extends west of the previously drilled area. This result suggests that further drilling should be done to the west, north and south of the hole to follow the mineralization.

Chapter 1 – Introduction

A. Introduction

Diamond drill hole GRD06-23 was started on August 26, 2006 and completed on August 27, 2006 within the Nucleus Zone by Kluane Drilling Limited.

B. Location and Access

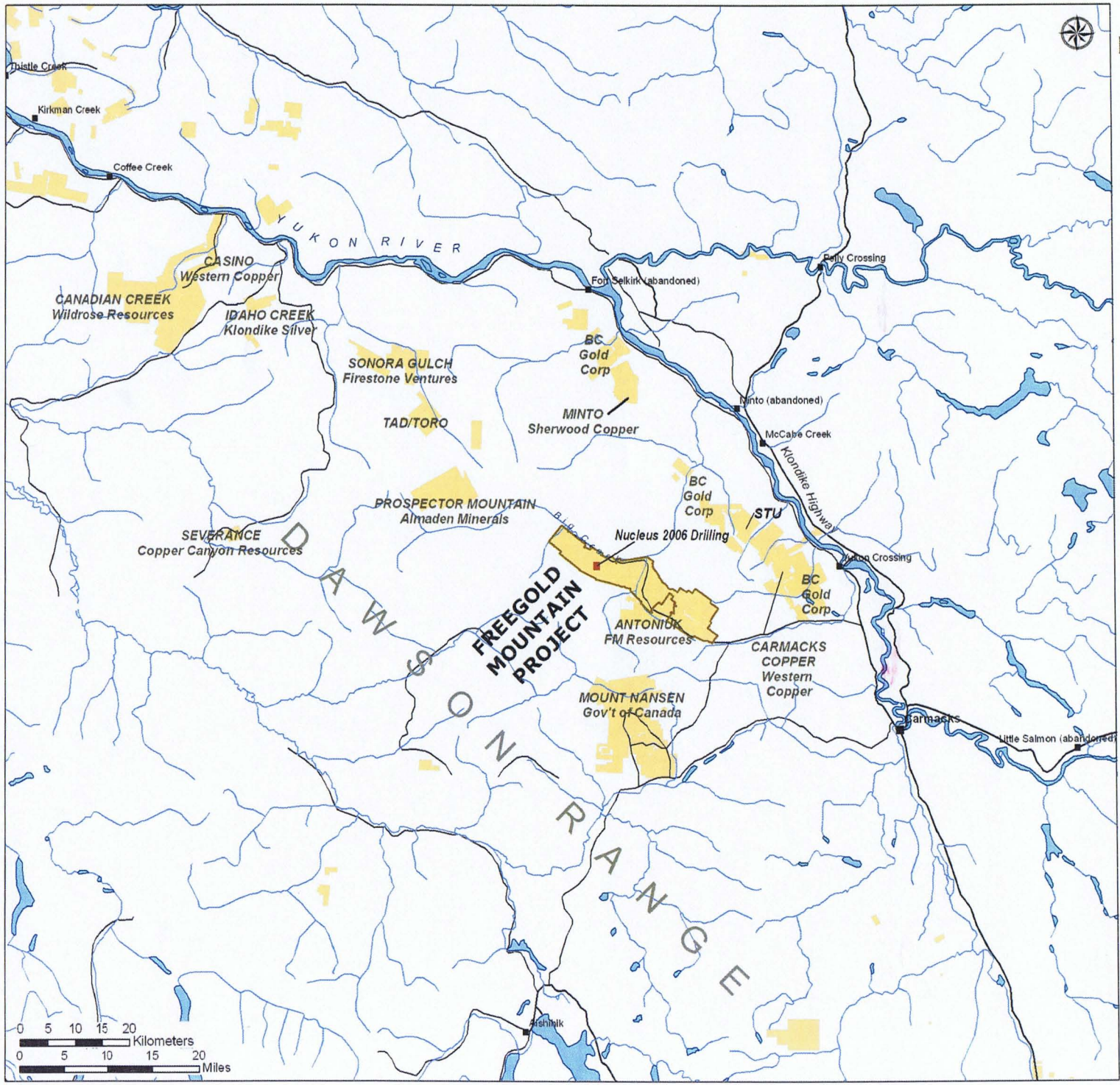
The property is located in the Dawson Range on NTS Map Sheets 115 I/6 centred at latitude 62° 20'N and longitude 137°16'W. The claims are accessible via the Freegold Road, a government maintained gravel road. Four-wheel drive roads access the zones of the property from the Freegold Road. Several cat 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 southwestern 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.



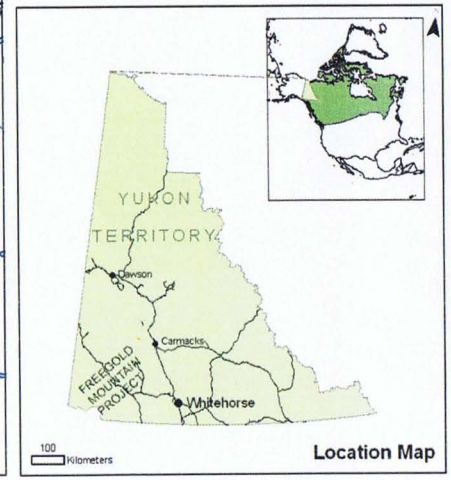
NORTHERN FREEGOLD RESOURCES LTD.

LOCATION MAP

DAWSON RANGE PORPHYRY BELT PROPERTIES

■ *Nucleus 2006 Drilling*

UTM Zone 8 NAD 83
Prepared: March 19, 2007



Location Map

D. Claims Worked and Filed On

Diamond Drill Hole GRD06-23 was drilled on Nucleus 18 (grant # YA51206) (see Figure 2).

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

Grant No.	Claim Name	Expiry prior to filing	$ work filed	renewal period requested	new expiry date*
YC41307	Big 001	28-Feb-10	$ 400	4	28-Feb-14
YC41308	Big 002	28-Feb-10	$ 400	4	28-Feb-14
YC41309	Big 003	28-Feb-10	$ 400	4	28-Feb-14
YC41310	Big 004	28-Feb-10	$ 400	4	28-Feb-14
YC41311	Big 005	28-Feb-10	$ 400	4	28-Feb-14
YC41312	Big 006	28-Feb-10	$ 400	4	28-Feb-14
YC41313	Big 007	28-Feb-10	$ 400	4	28-Feb-14
YC41314	Big 008	28-Feb-10	$ 400	4	28-Feb-14
YC41315	Big 009	28-Feb-10	$ 400	4	28-Feb-14
YC41316	Big 010	28-Feb-10	$ 400	4	28-Feb-14
YC41317	Big 011	28-Feb-10	$ 400	4	28-Feb-14
YC41318	Big 012	28-Feb-10	$ 400	4	28-Feb-14
YC41319	Big 013	28-Feb-10	$ 400	4	28-Feb-14
YC41320	Big 014	28-Feb-10	$ 400	4	28-Feb-14
YC41321	Big 015	28-Feb-10	$ 400	4	28-Feb-14
YC41322	Big 016	28-Feb-10	$ 400	4	28-Feb-14
YC41323	Big 017	28-Feb-10	$ 400	4	28-Feb-14
YC41324	Big 018	28-Feb-10	$ 400	4	28-Feb-14
YC41325	Big 019	28-Feb-10	$ 400	4	28-Feb-14
YC41326	Big 020	28-Feb-10	$ 400	4	28-Feb-14
YC41327	Big 021	28-Feb-10	$ 400	4	28-Feb-14
YC41328	Big 022	28-Feb-10	$ 400	4	28-Feb-14
YC41329	Big 023	28-Feb-10	$ 400	4	28-Feb-14
YC41330	Big 024	28-Feb-10	$ 400	4	28-Feb-14
YC41331	Big 025	28-Feb-10	$ 400	4	28-Feb-14
YC41332	Big 026	28-Feb-10	$ 400	4	28-Feb-14
YC41333	Big 027	28-Feb-10	$ 400	4	28-Feb-14
YC41334	Big 028	28-Feb-10	$ 400	4	28-Feb-14
YC41335	Big 029	28-Feb-10	$ 400	4	28-Feb-14
YC41336	Big 030	28-Feb-10	$ 400	4	28-Feb-14
YC41337	Big 031	28-Feb-10	$ 400	4	28-Feb-14
YC41338	Big 032	28-Feb-10	$ 400	4	28-Feb-14
YC41339	Big 033	28-Feb-10	$ 400	4	28-Feb-14

*pending approval of this report

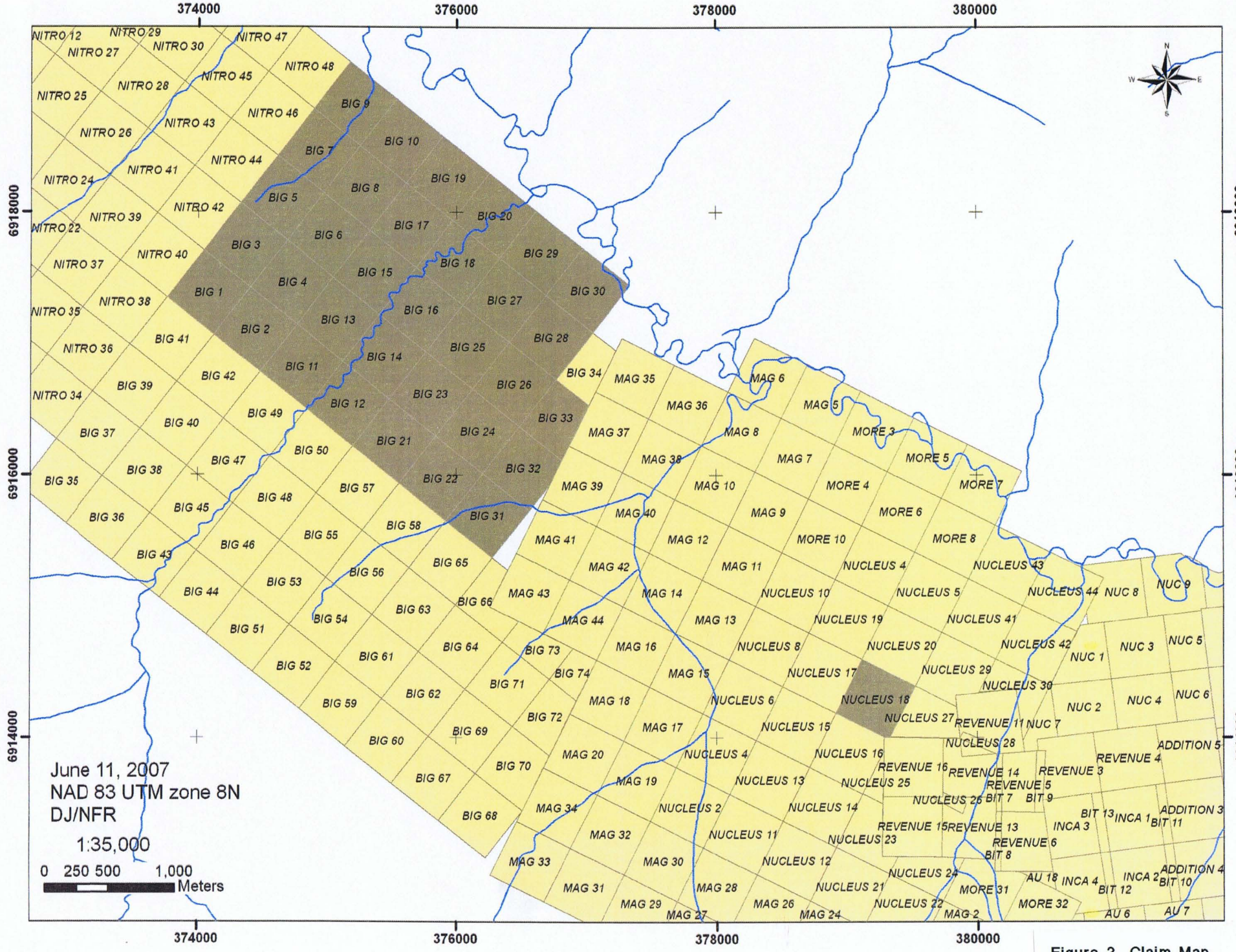


Figure 2 Claim Map

Chapter 2 – Regional Geology

The Nitro, Golden Revenue and Seymour properties lie within a belt of Paleozoic or older metasedimentary and lesser metavolcanic rocks belonging to the Yukon-Tanana Terrane. 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. The Pelly Gneiss (Figure 3) 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. Limy members of this unit have been locally altered to skarn. Skarns are also spatially associated with amphibolite horizons. Primary skarn minerals include quartz, magnetite, epidote, diopside, red and brown garnets and calcite. Magnetite occurs as intergrowths with quartz and as zones of massive magnetite. Magnetite skarn rocks are associated with gold mineralization at the Margarete zone on Freegold Mountain, in Guder Creek on the Seymour property and are common in placer gravels in Mechanic Creek and Revenue Creek.

These basement metamorphic rocks are extensively intruded by Jurassic to Late Cretaceous igneous rocks of the Coast Plutonic Complex. The major structural feature in the area is the northwest trending Big Creek Fault. This regional structure appears to separate rocks of the Devonian-Mississippian Pelly Gneiss, intruded by Upper Triassic Klotassin suite plutonic rocks north of the fault ("Granite Batholith" of Figure 3) from younger plutonic rocks, such as the early Jurassic Big Creek syenite (of the Long Lake suite of intrusions), south of the fault. Mid-Cretaceous intrusive rocks include the Dawson Range Batholith, Casino granodiorite and Coffee Creek granite. 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).

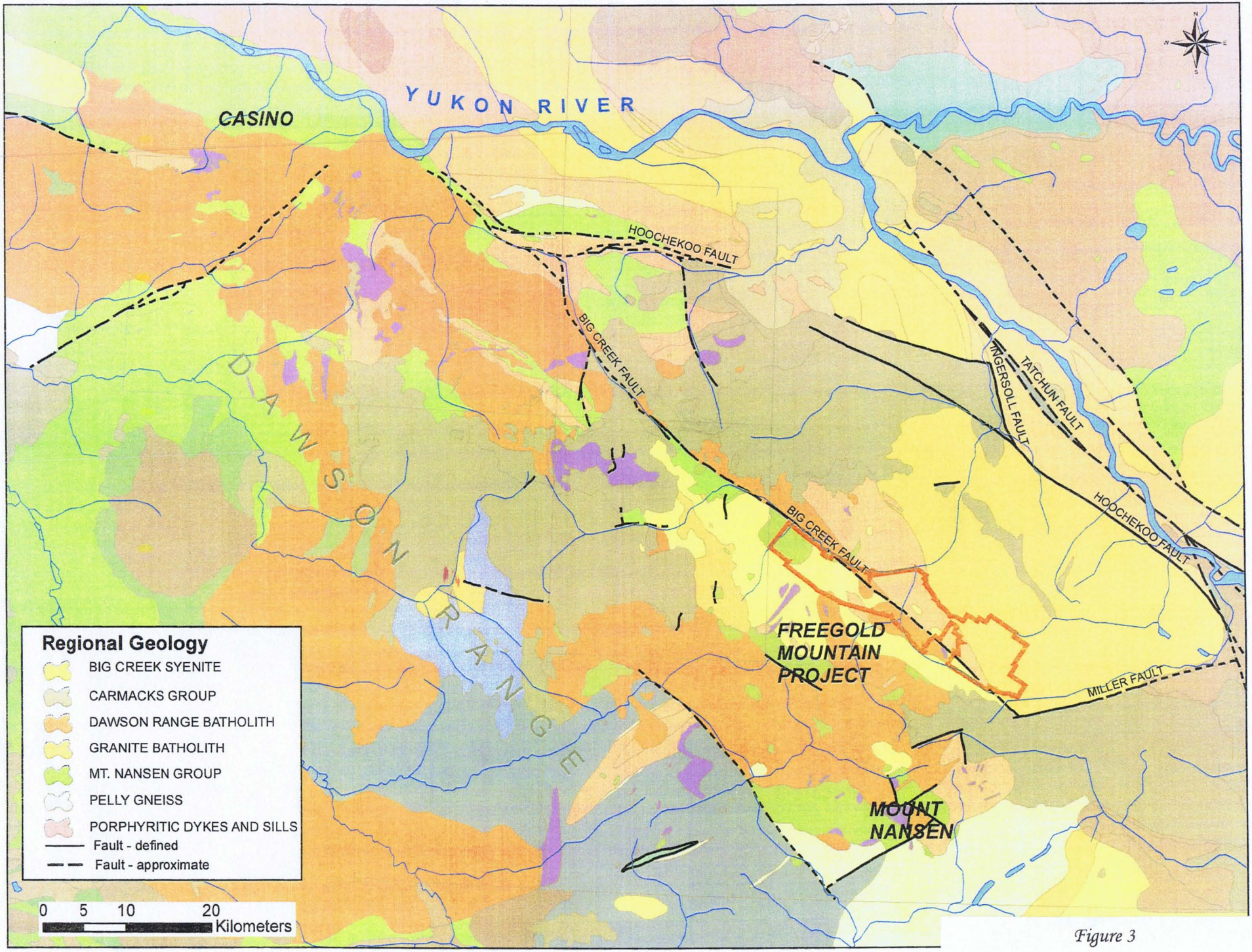

YUKON RIVER
CASINO
HOOCHEKOO FAULT
BIG CREEK FAULT
INGERSOLL FAULT
TATCHUN FAULT
HOOCHEKOO FAULT
BIG CREEK FAULT
DAWSON RANGE
FREEGOLD MOUNTAIN PROJECT
MILLER FAULT
MOUNT NANSEN
Regional Geology
BIG CREEK SYENITE
CARMACKS GROUP
DAWSON RANGE BATHOLITH
GRANITE BATHOLITH
MT. NANSEN GROUP
PELLY GNEISS
PORPHYRITIC DYKES AND SILLS
Fault - defined
Fault - approximate
0 5 10 20
Kilometers

Figure 3

Property Geology

Mineralization within the area of the Nitro, Golden Revenue and Seymour properties 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 4 and Pautler, 2006b). The North Big Creek Fault follows Big Creek in the Nitro, Big and Golden 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. Further ground work is necessary north of this fault to determine if the northerly trends are actually lacking in this area or just less apparent due to the pronounced west-northwesterly trends. 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 in the Nitro, Big and Golden Revenue areas, then follows the Seymour Creek valley in the southeast project area. South of Revenue Creek on the Golden Revenue property, the South Big Creek Fault is characterized by calcite breccias along the northern slope of Iris Creek.

Previously an easterly trending fault was postulated on the Golden Revenue property based on the east-west elongation of the Revenue breccia zone and anomalous gold in soil geochemistry extending westerly from Revenue into the southern Nucleus Zone, connecting to a fault encountered in DN04-14 (Pautler, 2004).

Most of the higher parts of the Golden Revenue property are unglaciated resulting in the preservation of a surface cap of weathered material formed during an extended period of tropical weathering. Oxidized gold mineralization found within this weathered cap may be amenable to extraction by heap leaching. Oxidation extends to depths of 40 to 100 metres below the present ground surface depending on local structural and lithological controls.

Placer gold is ubiquitous throughout the belt. 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 Golden Revenue property.

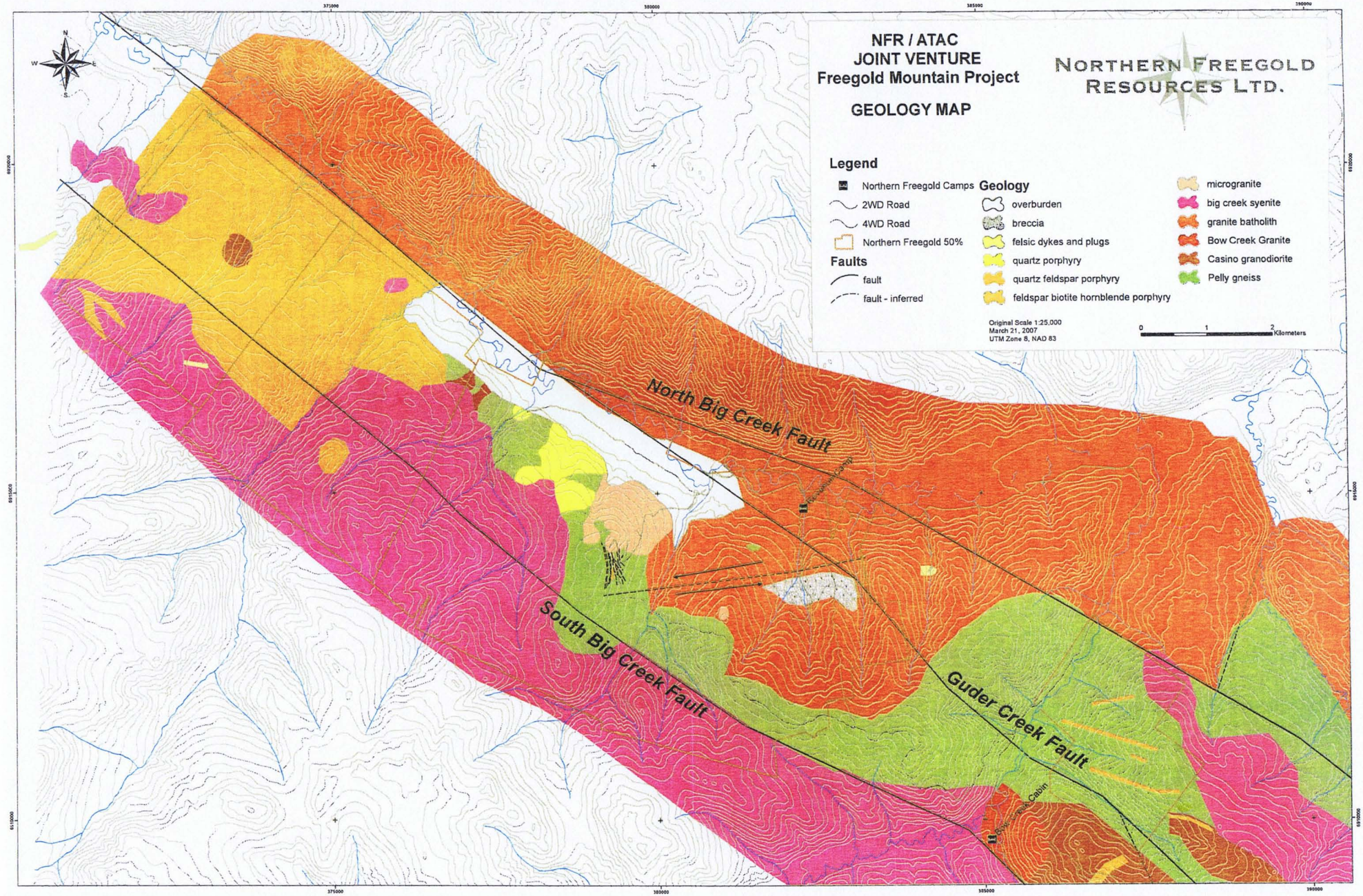

NFR / ATAC
JOINT VENTURE
Freegold Mountain Project
GEOLOGY MAP
NORTHERN FREEGOLD RESOURCES LTD.
Legend
Northern Freegold Camps
2WD Road
4WD Road
Northern Freegold 50%
Faults
fault
fault - inferred
Geology
overburden
breccia
felsic dykes and plugs
quartz porphyry
quartz feldspar porphyry
feldspar biotite hornblende porphyry
microgranite
big creek syenite
granite batholith
Bow Creek Granite
Casino granodiorite
Pelly gneiss
Original Scale 1:25,000
March 21, 2007
UTM Zone 8, NAD 83
0
1
2
Kilometers
North Big Creek Fault
South Big Creek Fault
Guder Creek Fault
Big Creek Cabin

Figure 4

Chapter 3 - 2006 Diamond Drill Program

Nucleus Zone

Between July 26th and October 5th, 2006, twenty-six diamond drill holes were completed at the Nucleus zone, for total of 4798 metres (15,741 feet).

The drilling contractor was Kluane Drilling Ltd. of Whitehorse; a D-6 bulldozer contracted from H. Coyne and Sons Ltd. of Whitehorse was used to build drill sites and to move the drill between holes. Several holes were left with a short section (2 to 3 m (6 to 10 feet) of drill casing or plastic pipe casing.

The last hole drilled at Nucleus in 2004 was numbered GRD04-014 and so the first hole drilled in the 2006 program continued this sequence and was numbered GRD06-015. Drill Hole GRD06-23 was drilled with NTW (thin wall) core size and little or no use of drill muds or other additives. Core recovery averaged 96% except for the top 20 metres of the hole where it ranged from 91% to 93%. The coordinates for GRD06-23 were as follows and are shown in Figure 5:

NUCLEUS DIAMOND DRILLING-2006

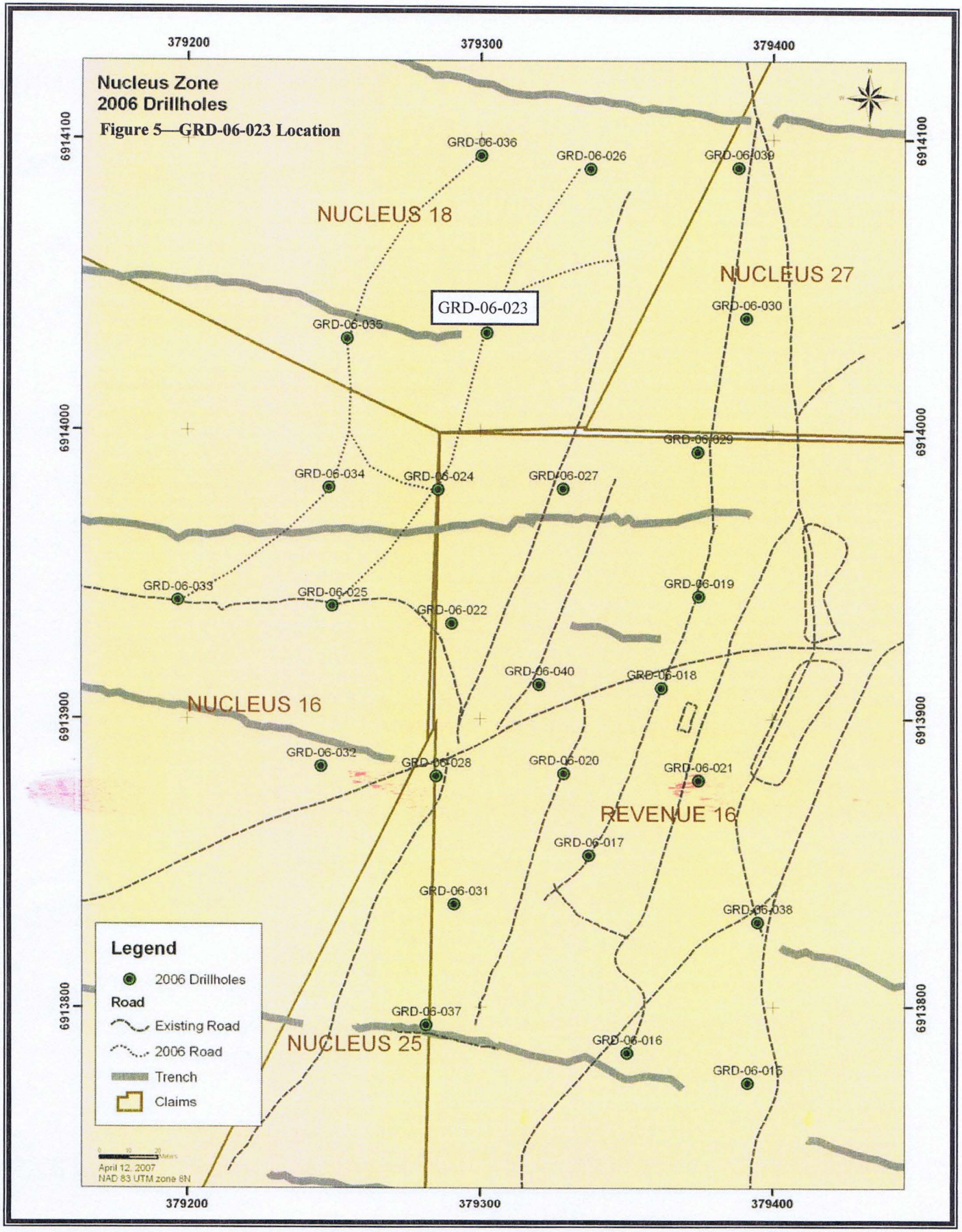
NAD 83

HOLE No.	EASTING	NORTHING	ELEVATION	DEPTH m	AZIMUTH	DIP	SURVEY
GRD06-023	379302.278	6914033.772	961.789	156.67	270	-50	DGPS

The drill core was cleaned, photographed and measured. Recoveries and RQD were determined. The core was logged and marked for sampling by sawing or splitting. Sample intervals averaged 1.50 m 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 followed 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.

A cross section through the drill hole and showing historical drilling and interpretation is shown in Figure 6. The drill log and assay results for hole GRD06-23 is found in Appendix 1.


Nucleus Zone
2006 Drillholes
Figure 5—GRD-06-023 Location
379200
379300
379400
6914100
6914000
6913900
6913800
GRD-06-036
GRD-06-026
GRD-06-039
NUCLEUS 18
NUCLEUS 27
GRD-06-023
GRD-06-035
GRD-06-030
GRD-06-029
GRD-06-034
GRD-06-024
GRD-06-027
GRD-06-033
GRD-06-025
GRD-06-022
GRD-06-019
GRD-06-040
GRD-06-018
NUCLEUS 16
GRD-06-032
GRD-06-028
GRD-06-020
GRD-06-021
REVENUE 16
GRD-06-017
GRD-06-031
GRD-06-038
GRD-06-037
GRD-06-016
NUCLEUS 25
GRD-06-015
Legend
2006 Drillholes
Road
Existing Road
2006 Road
Trench
Claims
April 12, 2007
NAD 83 UTM zone 8N

Hole GRD-06-023 intersected steep easterly dipping metasediments of the Yukon Group comprising interbedded schists, gneisses and local quartzite. The metasediments are intruded by late Cretaceous Carmacks Group hypabyssal intrusive rocks comprised of a microgranite and related feldspar porphyry and quartz feldspar porphyry dykes. Contacts between the porphyry and the metasediment are often brecciated and/or faulted. An older, deeper Cretaceous intrusive of granitic composition intrudes the metasediments. The relationship between the granite, microgranite and porphyry dykes is unknown. The depth of total oxidation in the hole is 50m; partial oxidation reaches down to 83m. Within the oxidation zone, sulphide minerals in veins, breccias and stockworks and along the foliation have been replaced by limonite and minor hematite The rock is strongly altered and fractured with pervasive limonite and intensive clay alteration. Below the oxidation zone, the sulphide minerals are primarily pyrite with lesser amounts of arsenopyrite, chalcopyrite, chalcocite and bornite. The highest gold in GRD-06-023 are associated with the porphyry dykes. Significant intervals from GRD-6-023 are found in table 2 below.

Table 2. Nucleus Diamond Drilling 2006: Significant Intersections GRD-06-023

Hole Number	Depth	AZI	DIP	From	To	Meter	Au g/t
GRD06-23	156.67	270	-50	12.90	42.00	29.10	1.030
Including				16.08	17.65	1.57	3.450
				40.00	42.00	2.00	3.270
				61.00	63.50	2.50	0.658
				67.50	68.50	1.00	3.450
				79.00	80.50	1.50	0.830
				115.90	117.00	1.10	0.600
				132.50	134.00	1.50	0.770

A previous structural analysis of mineralized drill intercepts in the Nucleus Zone (Pautler, 2004) suggested a steep west dipping northerly trending overall structural control to the system since fracture orientations for mineralized intercepts within the holes drilled at –50°W and vertical drill holes are 10 to 20° to core axis, and at 40° to core axis in the 70°E dipping holes. This supports recent observations in an earlier hole drilled in 2006 with the association of visible gold with vertical pyritic structures.

Chapter 4 - Conclusions and Recommendations

The Nucleus zone hosts large tonnage, lower grade, disseminated gold mineralization and higher grade, structurally controlled vein gold mineralization. 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. Faults have also been found to host mineralization. The geological setting, alteration, mineralization and metal associations exhibit some of the characteristics of gold- copper porphyry deposits and others more typical of intrusive-hosted gold systems in the Dawson Range of the Tintina Gold Belt.

Hole GRD-06-023 confirmed that mineralization in the Nucleus zone extends west of the previously drilled area. This result suggests that further drilling should be done to the west, north and south of the hole to follow the mineralization.

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Certificate

I, SUSAN PATRICIA CRAIG, of the City of Whitehorse, in the Yukon Territory, HEREBY CERTIFY:

1. That I am a geologist and that I visited the property in July, September and October 2006.

2. That I am a graduate of Lakehead University (M.Sc. Geology, 1991) and the University of Calgary (B.Sc., Geology, 1986).

3. That I am a registered Professional Geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia.

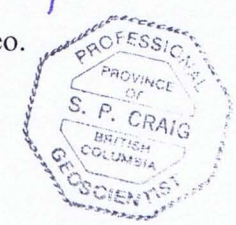
4. That I have been engaged in mineral exploration and development on a full time basis for 15 years in the Yukon and British Columbia.

5. That I am a director of Northern Freegold Resources Ltd. which holds the Freegold Mountain Project.

SIGNED at Vancouver, British Columbia this 12th day of June, 2007.

Susan Patricia Craig

Susan Patricia Craig, P. Geo.



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 2006.

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 four 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 Whitehorse, Yukon this 10th day of June, 2007.

Deborah James

Statement of Costs

Diamond Drill Hole GRD06-023	
157 m @ $105/m	***$16,485***

Appendix 1

GRD06-23 Drill Log and Assay Certificates

DIAMOND CORE DRILLING FIELD LOG							
PROJECT:	**GOLDEN REVENUE**						
PROSPECT:	**NUCLEUS PROSPECT**		**LOGGED BY: Debbie James**			**RELOGGED BY:**	
HOLE_ID: GRD06-023		**CO-ORDINATES**	**DATES**	**CORE SIZES**		**SURVEYS**	
Depth:	**156.67m**	**East:379302.278**	**Start: August 26 , 2006**	**HQ:**		**0.00m:**	
Azimuth:	**270**	**North:6914033.772**	**Finish: August 27, 2006**	**NTW:0.00-156.67m**			
Dip:	**-50**	**RL: 961.789**	**Driller: Kluane**				
BTOx:	**50m**						
BPOx:	**83m**						

DEPTH		INTERVAL	LITHOLOGY	DESCRIPTION			
From	To	(m)		Alteration	Mineralization	Texture	Structure
0.00	2.13	2.13	no core				
2.13	5.24	3.11	Schist	intense lim 3.83-4.38	lim strgrs + on fractures	Fg	Foliation
				mod sil 4.95-5.24	throughout		Narrow breccia zone at 3.83-4.38 w/grey
				mod clay 2.13-5.24	occ fg. Black sx in stringers		chalcedonic qtz. Fragments
5.24	51.64	46.40	PPFX	low degree of clay alt'n throughout fspars ->clay	lim on fractures	Fg 0/	at 7.4m - 3cm brecciated
			28.80-29.57 Brecciated PPFX	7-7.6 mod sil	mod lim associated with brecciated		at 9.5m - 10cm "
			46.91-47.04 Brecciated PPFX	6.1-6.4 mod clay	veins and PPFX zones		at 11.2m - 3cm "
			48.23-49.80m Brecciated PPFX	10.33-10.53 med sil+low clay	lim increasing down hole		at 12.53m - 7cm "
			23-32.9 Microgranite? or alteration	23.16-24.12 - mod ep + clay +/- bio?	23.16-24.12 numerous strgrs		at 17.47m - 12cm "
			of PPFX to resemble	around stringers	w/tr sx, lim		at 17.8 - 20cm "
			40.55-40.72 PPFX Breccia	38.8-35.5 mod ep+clay +/- bio around strgrs	33.8-35.5-same as above		at 33.67 - 5cm "
				40.3-40.33 intense lim+clay	at 50.2 sx strgt, py +asp?		at 46.0 - 10cm "
			49.80-51.15 (Microgranite)	42.05-44.6- mod lim +/- hm on strgrs	at 50.35 sx strgr		at 24.12 - 2cm "
				46.45-49.8-mod lim+clay at'n	at 51.3 py+cpy+asp? Strgrs+veins		at 40.3 - 3cm "
					at 48.9 - sx vein 2mm		at 48.90 -
51.64	58.41	6.77	Schist	51.64-52.7 min sil+ ser+lim +/- clay+chl	sx strgrs	Fg	
			56.0-56.10 Mgran	52.7-53.34 min ser+lim+chl+/-clay	52.44 py strgrs		
			56.89-57.05 Mgran		possible vg		
			56.5-56.6 Mgran				
				53.34-54.3-low sil+ser+lim+chl+/-bio+clay	53.66 - aspy+py 2cm wide		
				54.3-55.16 - mod to intense sil+ser+clay+lim			
				55.16-57.73 - mod ser+clay+min sil			
				57.73-58.35 - mod sil+minor ser+chl			
				58.35-58.4 - mod ser+clay+minor sil			
58.41	62.24	3.83	MGran	58.41-59.6 mod ser+clay+lim	fine sx stringers	Fg-Mg	
				59.6-62.24 mod sil+ser+clay+lim	58.17		
62.24	77.46	15.22	Schist	62.24-64.75 low sil+lim+chl	67.17-67.28 sx vein in qtz	Fg	
			64.75-64.90 Mgran	64.75-65.5 mod sil +dim			
			68.77-68.98 Mgran	65.3-67.0 low chl+ser+/-bio			
			70.5-70.76 Mgran	67-67.28 mod-int clay+ser	67.10- py+qtz vein		

			70.08-70.55 Mgran	67.28-67.7 low chl+ser+/-bio	occ sx strgr		
				67.7-71 mod sil+chl+/-lim+clay			
				71-72.9 low chl+lim			
				72.9-74 mod sil+clay+lim			
				74-77.46 low sil+chl+clay			
77.46	78.90	1.44	MGran	77.46-78.9 minor sil+chl+lim		Mg	
			pieces of schist within Mgran				
78.90	84.87	5.97	Schist	78.9-82.0 mod sil+chl+lim+/-clay	occ or sx strtgs	Fg	
			83.17-83.29 Mgran	82.0-82.15 mod chl+clay	81.5 py+asp strg		
			84.64-84.7 Mgran	82.15-83.67 mod sil+chl+lim+/-clay	generally low degra of min		
			83.62-83.72 Mgran	83.67-83.77 intense clay+chl			
				83.77-84.87 mod sil+chl+lim			
84.87	115.9	31.03	MGran	mod to strong sil+ser+/-kaol+/-chl	>5-10%diss +veins stwks of pyrite +/-		
					cpy+/-aspy+fine grained black		
					sulphide 84.87-84.60;		
					87.60-90.00 >2%		
					90-91.00m 5%		
					91-93 >2%		
					93-100m >7%		
					100.40-113.30m >2-3%		
					113.30-115.90 >3-5%		
115.90	129.1	13.20	Qtz-ser-schist	mod to strong sil+ser+bio+/-chl	>5-7% diss+veins stwks of py+/-	Fg-Mg	Deformed foliation >5% stwks
			to Gnis buff to cream color to tan		cpy+/-aspy+fine grained black		
					sulphide		
129.10	132.5	3.40	PPFX	st sil+ser+/-kaol	>5% diss +veins stwks of py+/-	Mg-Cg	>3% stwks
					cpy+/-aspy+fine grained black		
					sulphide		
132.50	133.9	1.40	Breccia	str sil(bluish color) + clay +limonite	>10-15% sulphide	Brx	60o CA bottom
133.90	136.25	2.35	PPFX	st sil+ser+/-kaol	>3% diss+veins stwks of py+/-	Mg-Cg	
					aspy+fine grained black sulphide		
136.25	141.25	5.00	Qtz-ser-schist or microgranite dike	sil_ser_bio+/-chl	>3% diss+veins stwks of py+/-	Fg-Mg	Broken core
			at 138.00-138.40		cpy+fine black sulphide		shear zoned
141.25	141.65	0.40	Breccia-clast supported brx	sil+ser+lim	>2 sulphide along the edge of the clast	brexted	
141.65	156.67	15.02	Microgranite	mod to strong sil+ser+/-kaol	141.65-146.30 >3-5%	Mg	
					diss+veins/stwks of py+/-cpy+/-		
					aspy+fine grained black sulphide		
					146.30-150.72 >2%		Broken core
					150.72-152.40 >5%		
					152.40-156.67 >3-5%		
	EOH	**156.67**					

Core Recovery , Rock Quality & Magnetics

Hole No: **GRD 06-023** *Project:* ***Freegold***

By:HSCASTILLO

Checked:_____

Drill Interval			Core Recovery		RQD		Mag
From	To	Length	Measured	% Recovery	Measured	RQD	
0.00	2.13		No Rcovery				
2.13	3.05	0.92	0.86	93.48	0.00	0.00	
3.05	6.10	3.05	2.83	92.79	0.94	30.82	
6.10	9.14	3.04	2.84	93.42	1.86	61.18	
9.14	12.19	3.05	2.85	93.44	1.91	62.62	
12.19	15.24	3.05	2.75	90.16	2.13	69.84	
15.24	18.29	3.05	2.78	91.15	1.80	59.02	
18.29	21.34	3.05	2.90	95.08	1.58	51.80	
21.34	23.16	1.82	1.73	95.05	1.12	61.54	
23.16	25.91	2.75	2.65	96.36	1.96	71.27	
25.91	28.96	3.05	2.66	87.21	1.62	53.11	
28.96	32.00	3.04	2.98	98.03	0.78	25.66	
32.00	35.05	3.05	3.02	99.02	2.26	74.10	
35.05	38.10	3.05	2.97	97.38	2.19	71.80	
38.10	41.15	3.05	3.05	100.00	2.01	65.90	
41.15	44.20	3.05	2.99	98.03	2.12	69.51	
44.20	47.24	3.04	3.02	99.34	1.80	59.21	
47.24	50.29	3.05	3.03	99.34	2.12	69.51	
50.29	53.34	3.05	3.01	98.69	2.36	77.38	
53.34	56.39	3.05	2.93	96.07	2.01	65.90	
56.39	59.44	3.05	2.97	97.38	1.38	45.25	
59.44	62.48	3.04	2.97	97.70	1.37	45.07	
62.48	65.53	3.05	2.95	96.72	0.77	25.25	
65.53	68.58	3.05	2.98	97.70	1.56	51.15	
68.58	71.63	3.05	2.93	96.07	1.61	52.79	
71.63	74.68	3.05	3.00	98.36	1.54	50.49	
74.68	77.72	3.04	3.00	98.68	1.95	64.14	
77.72	80.77	3.05	3.02	99.02	1.73	56.72	
80.77	83.82	3.05	2.97	97.38	1.70	55.74	
83.82	86.87	3.05	3.02	99.02	1.40	45.90	
86.87	89.92	3.05	3.00	90.00	1.97	64.59	
89.92	92.96	3.04	2.98	95.00	1.93	63.49	
92.96	96.01	3.05	2.97	98.00	1.82	59.67	

Core Recovery , Rock Quality & Magnetics

Hole No: **GRD 06-023** *Project:* ***Freegold***

By:HSCASTILLO

Checked:_____

Drill Interval			Core Recovery		RQD		Mag
96.01	99.06	3.05	2.96	98.00	2.34	76.72	
99.06	102.11	3.05	2.94	98.00	2.15	70.49	
102.11	105.16	3.05	2.89	99.00	1.93	63.28	
105.16	108.20	3.04	2.85	98.00	2.49	81.91	
108.20	111.25	3.05	3.05	99.00	2.02	66.23	
111.25	114.30	3.05	2.95	98.00	1.98	64.92	
114.30	117.35	3.05	2.95	99.00	1.92	62.95	
117.35	120.40	3.05	3.01	99.00	1.97	64.59	
120.40	123.44	3.04	2.96	99.00	2.09	68.75	
123.44	126.49	3.05	3.05	99.00	1.70	55.74	
126.49	129.54	3.05	3.03	99.00	2.30	75.41	
129.54	132.59	3.05	2.82	99.00	1.82	59.67	
132.59	135.64	3.05	2.81	99.00	1.86	60.98	
135.64	138.68	3.04	2.90	99.00	0.57	18.75	
138.68	140.51	1.83	1.80	99.00	0.38	20.77	
140.51	143.26	2.75	2.92	99.00	0.83	30.18	
143.26	146.30	3.04	2.84	99.00	1.86	61.18	
146.30	149.35	3.05	3.05	99.00	0.76	24.92	
149.35	152.40	3.05	2.90	99.00	1.83	60.00	
152.40	155.45	3.05	2.96	99.00	1.90	62.30	
155.45	156.67	1.22	1.12	99.00	0.94	77.05	

SUMMARY

154.54	**149.37**	**96.65**	**88.94**	**57.55**
Meterage	Recover Core	% Recovery	Total RQD	%RQD

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

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

ICP CERTIFICATE OF ANALYSIS AK 2006-1844

Bushmaster Exploration Services Ltd.
P.O. Box 31293
Whitehorse, Yukon
Y1A 5P7

No. of samples received: 50
Sample Type: Rock
Project: Nucleus
Submitted by: R. 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	36	>1000	0.8	0.44	295	45	<5	0.13	5	22	67	834	5.31	<10	0.40	383	5	0.01	17	330	12	<5	<20	7	<0.01	<10	22	<10	7	20
2	37	>1000	0.4	1.28	650	45	<5	0.07	4	21	74	1497	2.86	<10	0.07	68	3	<0.01	33	270	40	25	<20	10	<0.01	<10	22	<10	12	24
3	38	475	<0.2	0.97	475	50	<5	0.09	1	13	100	972	1.95	<10	<0.01	13	4	<0.01	36	480	28	20	<20	6	<0.01	<10	10	<10	7	26
4	39	40	<0.2	1.04	310	35	<5	0.08	<1	9	92	818	1.66	<10	0.01	11	5	0.01	34	470	30	15	<20	7	<0.01	<10	9	<10	5	24
5	40	225	0.2	0.97	280	40	<5	0.09	<1	12	105	1096	2.72	<10	<0.01	13	5	0.01	37	400	28	<5	<20	6	<0.01	<10	7	<10	6	20
6	41	460	<0.2	0.84	130	60	<5	0.10	<1	9	76	660	1.68	<10	0.04	45	3	0.01	39	450	28	10	<20	16	<0.01	<10	7	<10	8	23
7	42	140	<0.2	1.14	700	40	<5	0.06	3	15	98	1599	2.35	<10	<0.01	12	4	<0.01	49	330	34	50	<20	7	<0.01	<10	8	<10	9	30
8	43	65	0.5	1.57	250	35	<5	0.02	1	18	84	1941	1.97	20	0.02	11	4	<0.01	36	150	42	20	<20	1	<0.01	<10	12	<10	11	38
9	44	115	<0.2	2.67	520	30	<5	0.04	1	19	56	3697	2.51	<10	0.01	10	3	<0.01	48	250	76	35	<20	8	<0.01	<10	25	<10	18	38
10	45	395	1.0	1.17	10	150	<5	1.61	<1	14	24	4146	3.25	<10	1.14	733	<1	0.17	11	720	34	<5	<20	122	0.15	<10	169	<10	14	47
11	46	255	0.3	2.28	1105	35	<5	0.06	3	26	58	2371	3.87	<10	0.08	14	6	<0.01	56	420	74	70	<20	10	<0.01	<10	30	<10	15	41
12	47	285	<0.2	1.99	1145	15	<5	0.03	4	16	69	1646	2.45	<10	0.08	15	4	<0.01	55	440	70	60	<20	<1	<0.01	<10	22	<10	13	35
13	48	>1000	14.3	1.68	>10000	55	<5	0.02	201	13	37	8498	4.27	<10	0.02	64	<1	<0.01	25	110	6886	365	<20	20	<0.01	<10	13	<10	<1	>10000
14	49	>1000	14.7	2.69	>10000	75	<5	0.02	349	31	20	1845	6.86	<10	<0.01	407	3	<0.01	34	280	>10000	1220	<20	14	<0.01	<10	10	<10	1	>10000
15	50	>1000	8.9	0.89	>10000	55	<5	0.07	99	22	52	2351	4.34	<10	<0.01	906	5	<0.01	14	190	1844	485	<20	8	<0.01	<10	5	<10	3	1845
16	51	>1000	3.8	0.68	>10000	60	<5	0.02	172	9	55	2205	2.50	<10	<0.01	25	2	<0.01	7	190	2454	455	<20	31	<0.01	<10	3	<10	6	2288
17	52	965	4.1	1.22	>10000	65	15	0.03	164	16	57	1632	3.31	<10	0.01	27	1	<0.01	20	290	3630	205	<20	27	<0.01	<10	14	<10	8	3769
18	53	260	0.3	2.09	960	40	<5	0.26	39	55	43	1595	7.14	<10	0.32	572	8	<0.01	84	1000	96	55	<20	8	<0.01	<10	77	<10	22	80
19	54	110	0.5	1.31	315	40	<5	0.11	5	39	80	2188	2.37	<10	<0.01	16	8	<0.01	78	560	56	15	<20	13	<0.01	<10	11	<10	8	48
20	55	>1000	2.6	0.64	9485	55	<5	0.06	101	16	37	1003	4.04	<10	<0.01	797	5	<0.01	12	230	1200	250	<20	9	<0.01	<10	4	<10	3	765
21	56	135	0.3	0.78	145	20	<5	0.06	8	14	105	329	2.52	20	0.22	188	4	<0.01	17	140	22	<5	<20	<1	<0.01	<10	8	<10	17	32
22	57	90	<0.2	1.01	35	30	<5	0.31	1	16	81	146	4.07	20	0.79	411	5	<0.01	13	720	26	<5	<20	4	<0.01	<10	47	<10	28	42
23	58	75	<0.2	2.52	55	85	25	0.68	1	20	140	105	>10	10	1.88	1613	8	0.01	18	460	62	<5	<20	4	0.05	<10	99	<10	69	83
24	59	85	0.2	1.17	200	115	<5	1.77	3	60	109	548	>10	<10	0.80	2677	16	0.03	30	230	18	<5	<20	13	0.01	<10	60	<10	8	113
25	60	310	0.4	0.98	20	75	<5	0.83	2	47	111	738	>10	10	0.82	1624	21	0.01	30	780	18	10	<20	13	<0.01	<10	51	<10	15	78
26	61	>1000	0.7	1.50	20	85	<5	0.51	<1	80	154	1558	>10	20	1.18	890	21	0.01	39	770	30	<5	<20	8	<0.01	<10	76	<10	5	58
27	62	485	0.4	1.69	15	70	<5	0.42	<1	52	126	862	>10	10	1.08	592	11	0.01	29	410	42	<5	<20	6	<0.01	<10	76	<10	24	46
28	63	75	0.2	0.49	30	35	<5	0.17	<1	8	79	96	2.30	<10	0.31	203	2	0.02	9	180	20	<5	<20	5	<0.01	<10	15	<10	8	25
29	64	25	0.2	0.34	25	200	<5	0.09	<1	2	145	22	0.75	<10	0.14	82	2	0.02	4	20	12	<5	<20	2	<0.01	<10	<1	<10	6	23
30	65	>1000	<0.2	0.89	1565	100	10	0.93	18	30	26	63	4.57	<10	2.22	685	<1	0.21	114	1080	24	10	<20	57	0.09	<10	24	<10	15	65

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	66	75	3.4	0.60	140	45	20	0.09	2	4	108	71	1.09	<10	0.16	76	2	0.02	6	50	28	<5	<20	4	<0.01	<10	4	<10	12	29
32	67	55	0.9	0.39	20	35	<5	0.05	<1	3	165	38	0.51	<10	0.06	39	2	<0.01	5	30	14	<5	<20	2	<0.01	<10	<1	<10	5	10
33	68	125	<0.2	0.34	15	25	<5	0.02	<1	<1	123	90	0.24	<10	0.05	19	1	<0.01	5	20	10	<5	<20	<1	<0.01	<10	<1	<10	2	2
34	69	70	<0.2	0.51	25	25	<5	0.12	<1	9	61	108	2.01	<10	0.28	166	2	0.01	7	110	12	<5	<20	<1	<0.01	<10	31	<10	38	17
35	70	35	0.4	0.55	40	20	<5	0.08	1	7	180	130	1.17	<10	0.11	87	2	0.01	7	30	14	<5	<20	<1	<0.01	<10	6	<10	13	12
36	51070	270	1.1	0.65	1015	130	30	0.06	10	2	104	104	3.13	20	0.06	21	9	0.03	6	170	22	<5	<20	28	<0.01	<10	33	<10	<1	6
37	51071	225	1.2	0.83	540	170	35	0.03	5	<1	179	49	1.88	<10	0.01	17	5	0.02	6	90	24	<5	<20	28	<0.01	<10	14	<10	<1	<1
38	51072	65	0.2	0.38	230	105	<5	0.02	2	<1	102	32	0.59	20	<0.01	11	5	0.01	1	70	14	<5	<20	16	<0.01	<10	3	<10	4	<1
39	51073	75	0.2	0.55	60	110	<5	<0.01	<1	<1	182	32	0.54	20	<0.01	18	4	0.01	4	60	22	<5	<20	12	<0.01	<10	3	<10	6	<1
40	51074	300	0.3	0.34	180	135	15	<0.01	1	<1	97	43	0.98	10	<0.01	9	4	0.01	2	70	8	<5	<20	13	<0.01	<10	6	<10	1	<1
41	51075	80	0.4	0.34	340	160	10	<0.01	3	<1	92	59	1.23	10	<0.01	10	2	0.02	3	130	10	<5	<20	18	<0.01	<10	6	<10	1	<1
42	51076	390	0.8	0.34	265	175	30	<0.01	3	<1	69	61	1.43	<10	<0.01	6	3	0.01	2	250	8	<5	<20	15	<0.01	<10	10	<10	1	<1
43	51077	770	1.0	0.41	570	150	45	0.01	6	<1	80	85	2.17	<10	<0.01	7	4	0.03	2	320	10	<5	<20	22	<0.01	<10	11	<10	<1	<1
44	51078	>1000	1.0	0.37	355	160	155	<0.01	3	<1	67	84	1.93	<10	<0.01	10	4	0.02	<1	210	14	<5	<20	21	<0.01	<10	15	<10	1	2
45	51079	170	0.5	0.40	530	125	15	<0.01	6	<1	154	53	0.95	<10	<0.01	16	4	0.01	5	50	12	<5	<20	14	<0.01	<10	4	<10	<1	<1
46	51080	125	0.2	0.34	725	125	5	<0.01	8	<1	85	46	0.86	10	<0.01	9	3	0.02	2	60	10	<5	<20	17	<0.01	<10	5	<10	2	<1
47	51081	440	0.4	0.32	1490	155	15	<0.01	20	<1	108	63	1.08	10	<0.01	12	6	0.03	3	40	12	<5	<20	25	<0.01	<10	3	<10	2	<1
48	51082	>1000	0.6	0.26	4875	110	10	<0.01	55	<1	110	263	1.37	<10	<0.01	13	3	0.01	<1	40	8	<5	<20	13	<0.01	<10	7	<10	<1	<1
49	51083	405	1.0	1.22	15	150	<5	1.65	<1	14	25	4176	3.32	<10	1.18	752	<1	0.17	11	700	32	<5	<20	130	0.15	<10	175	<10	14	46
50	51084	>1000	0.4	0.31	1270	65	35	0.01	15	<1	210	37	1.08	10	<0.01	23	5	0.01	5	30	10	<5	<20	4	<0.01	<10	2	<10	<1	<1
QC DATA:																														
Repeat:																														
1	36	>1000	0.5	0.48	310	65	<5	0.14	5	23	73	842	5.35	<10	0.40	384	5	0.01	17	340	14	<5	<20	10	<0.01	<10	23	<10	10	19
3	38	420																												
10	45	385	1.0	1.14	10	125	<5	1.58	<1	13	22	4309	3.17	<10	1.09	708	<1	0.16	11	720	30	<5	<20	102	0.15	<10	164	<10	8	45
19	54	150	0.5	1.44	340	45	<5	0.11	5	42	84	2387	2.54	<10	0.01	17	9	0.01	80	580	56	15	<20	15	<0.01	<10	11	<10	10	50
36	51070	225	1.1	0.67	1000	135	30	0.06	11	2	105	104	3.11	20	0.06	22	9	0.03	6	160	22	<5	<20	30	<0.01	<10	33	<10	1	6
42	51076	360																												
43	51077	690																												
45	51079	240																												
Resplit:																														
1	36	>1000	0.7	0.45	335	55	<5	0.13	10	23	66	918	5.68	<10	0.46	405	5	<0.01	16	280	12	<5	<20	7	<0.01	<10	25	<10	13	23
36	51070	265	1.1	0.74	985	110	25	0.06	10	2	105	106	3.41	20	0.06	21	6	0.03	5	160	22	<5	<20	31	<0.01	<10	37	<10	<1	6
Standard:																														
Pb106			>30	0.55	275	75	<5	1.68	29	3	40	6332	1.64	<10	0.07	557	32	0.02	7	280	5218	55	<20	135	<0.01	<10	13	<10	1	8351
Pb106			>30	0.56	275	80	<5	1.60	30	4	40	6308	1.65	<10	0.07	559	32	0.02	7	270	5272	60	<20	140	<0.01	<10	13	<10	<1	8440
OxE42		610																												
OxE42		600																												

JJ/sa/kc
df/1844
XLS/06

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

ECO TECH LABORATORY LTD.
10041 Dallas Drive
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ICP CERTIFICATE OF ANALYSIS AK 2006- 1859

Bushmaster Exploration Services Ltd.
P.O. Box 31293
Whitehorse, Yukon
Y1A 5P7

No. of samples received: 51
Sample Type: Rock
Project: Nucleus
Submitted by: R. 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	51085	110	0.2	0.14	510	30	5	0.01	2	<1	89	14	0.93	<10	<0.01	12	3	<0.01	2	20	8	<5	<20	4	<0.01	<10	1	<10	<1	1
2	51086	>1000	1.3	0.23	1260	40	70	0.02	6	2	95	61	1.62	<10	<0.01	20	5	0.01	3	90	10	10	<20	6	<0.01	<10	14	<10	1	2
3	51087	>1000	0.7	0.20	2260	30	35	<0.01	10	1	145	88	0.93	<10	<0.01	17	11	<0.01	4	30	8	<5	<20	3	<0.01	<10	2	<10	<1	<1
4	51088	855	1.3	0.18	3010	65	10	<0.01	11	1	97	274	0.96	<10	<0.01	13	4	<0.01	2	20	6	<5	<20	2	<0.01	<10	2	<10	<1	<1
5	51089	>1000	0.8	0.20	2065	70	<5	<0.01	8	<1	83	180	0.90	<10	<0.01	11	3	<0.01	2	10	8	<5	<20	7	<0.01	<10	2	<10	2	<1
6	51090	525	1.7	0.20	1450	85	20	<0.01	6	1	72	20	0.78	<10	<0.01	11	3	<0.01	1	30	10	<5	<20	14	<0.01	<10	1	<10	4	<1
7	51091	455	0.7	0.15	755	50	65	<0.01	4	<1	67	15	0.66	<10	<0.01	10	3	<0.01	2	30	8	<5	<20	6	<0.01	<10	1	<10	2	<1
8	51092	>1000	1.1	0.17	880	70	115	<0.01	3	<1	56	33	1.09	<10	<0.01	9	3	0.01	2	30	6	<5	<20	7	<0.01	<10	2	<10	<1	2
9	51093	105	0.4	0.22	180	85	5	<0.01	<1	<1	72	44	1.53	<10	<0.01	10	4	0.01	2	40	8	<5	<20	5	<0.01	<10	2	<10	<1	3
10	51094	10	<0.2	0.45	10	50	<5	0.21	<1	5	80	18	1.47	20	0.26	263	<1	0.05	5	330	16	<5	<20	5	0.06	<10	23	<10	15	25
11	51095	195	0.3	0.25	1380	60	15	<0.01	4	<1	90	25	1.01	10	<0.01	13	3	<0.01	2	40	8	<5	<20	6	<0.01	<10	1	<10	1	4
12	51096	415	0.4	0.18	1210	90	10	<0.01	5	<1	53	40	1.53	<10	<0.01	10	3	0.01	2	40	8	<5	<20	10	<0.01	<10	2	<10	<1	6
13	51097	190	0.6	0.18	1155	85	<5	<0.01	5	2	36	108	2.40	<10	<0.01	9	4	0.01	<1	40	6	<5	<20	17	<0.01	<10	4	<10	<1	7
14	51098	360	2.6	0.24	2595	35	<5	<0.01	12	9	40	998	2.36	<10	<0.01	17	4	0.01	3	<10	8	10	<20	9	<0.01	<10	<1	<10	2	68
15	51099	100	0.4	0.61	65	65	<5	0.18	1	18	40	118	4.29	10	0.56	440	5	0.01	12	440	14	<5	<20	5	<0.01	<10	48	<10	18	41
16	51100	70	0.9	0.56	615	55	<5	0.13	2	24	68	273	3.79	<10	0.32	428	5	0.03	9	300	20	<5	<20	4	0.01	<10	31	<10	10	73
17	71	50	0.2	1.05	40	55	<5	0.27	1	25	94	130	5.26	<10	0.83	542	6	0.04	12	550	20	<5	<20	6	0.02	<10	79	<10	14	48
18	72	55	0.2	0.84	15	65	<5	0.26	<1	19	75	98	4.26	10	0.68	380	3	0.05	10	280	16	<5	<20	11	0.03	<10	69	<10	19	37
19	73	470	1.5	0.31	2060	45	150	0.24	9	26	86	353	4.99	<10	0.12	398	6	0.02	16	600	8	<5	<20	5	<0.01	<10	31	<10	6	54
20	74	395	1.1	1.12	10	125	<5	1.68	<1	15	22	4078	3.36	<10	1.04	738	<1	0.15	12	880	22	<5	<20	102	0.14	<10	165	<10	17	42
21	75	30	0.3	0.28	55	30	<5	0.25	<1	19	81	167	3.43	<10	0.14	250	5	0.03	11	660	6	<5	<20	8	<0.01	<10	30	<10	6	33
22	76	555	0.5	0.26	1785	45	<5	0.17	9	20	75	143	3.99	<10	0.07	369	5	0.02	9	290	8	<5	<20	4	<0.01	<10	15	<10	9	31
23	77	820	1.7	0.71	9285	40	<5	0.12	42	61	77	453	7.99	10	0.47	328	9	0.01	25	140	18	<5	<20	<1	<0.01	<10	35	<10	1	40
24	78	30	0.2	1.71	15	50	5	0.26	<1	22	130	106	5.18	10	1.30	327	4	0.02	26	430	36	<5	<20	5	0.07	<10	98	<10	14	40
25	79	80	<0.2	3.43	20	145	15	0.98	<1	26	127	42	5.01	10	2.09	513	<1	0.16	34	520	72	<5	<20	42	0.13	<10	106	<10	27	90
26	80	395	0.9	1.44	15	50	15	0.26	<1	31	89	293	7.03	<10	1.08	374	6	0.02	30	710	30	<5	<20	2	0.05	<10	87	<10	10	56
27	0080A	5	<0.2	0.44	5	45	<5	0.19	<1	5	80	28	1.61	20	0.26	287	<1	0.05	5	350	18	<5	<20	5	0.06	<10	24	<10	14	27
28	81	>1000	4.0	2.37	200	60	<5	0.40	2	36	180	1432	7.46	10	2.05	410	4	0.04	60	1090	42	<5	<20	2	0.08	<10	99	<10	15	71
29	82	75	<0.2	3.17	35	105	15	0.68	<1	29	136	48	5.49	10	2.02	365	<1	0.15	36	650	54	5	<20	22	0.14	<10	102	<10	23	40
30	83	20	<0.2	1.26	10	90	10	0.38	<1	17	99	32	2.59	<10	0.77	201	<1	0.08	16	290	30	<5	<20	17	0.05	<10	52	<10	14	19

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	84	995	0.2	0.78	1350	85	10	0.91	6	32	23	53	4.65	<10	1.94	675	<1	0.17	102	1160	18	<5	<20	48	0.09	<10	23	<10	17	59
32	85	25	0.2	2.52	10	70	5	1.64	<1	32	112	115	5.82	20	1.82	335	2	0.11	33	620	42	<5	<20	24	0.08	<10	107	<10	20	31
33	86	20	<0.2	1.73	10	75	5	1.18	<1	17	66	61	4.23	10	1.56	210	3	0.05	6	440	32	<5	<20	12	0.05	<10	105	<10	22	20
34	87	55	<0.2	1.98	10	60	<5	0.88	<1	21	67	107	4.88	<10	1.69	221	3	0.08	8	500	32	<5	<20	13	0.08	<10	160	<10	17	24
35	88	65	<0.2	2.38	10	65	5	0.90	<1	27	65	129	5.87	<10	2.30	253	<1	0.05	7	530	40	<5	<20	11	0.14	<10	167	<10	11	28
36	89	40	0.3	0.83	40	60	10	0.42	<1	12	89	63	2.20	<10	0.59	112	<1	0.06	6	210	20	<5	<20	5	0.05	<10	45	<10	9	9
37	90	830	0.4	2.08	1695	65	50	0.69	9	34	70	128	5.42	<10	1.93	262	2	0.04	10	500	38	<5	<20	8	0.06	<10	142	<10	13	25
38	91	135	0.4	1.95	505	90	5	0.49	2	22	80	113	4.39	<10	1.68	213	<1	0.06	10	480	38	<5	<20	12	0.12	<10	123	<10	15	24
39	92	20	0.3	2.01	20	60	<5	0.67	<1	21	132	92	4.76	20	1.96	255	2	0.05	29	420	32	<5	<20	6	0.06	<10	100	<10	20	24
40	93	10	0.2	2.31	15	100	10	0.98	<1	20	134	61	4.95	10	2.18	345	<1	0.06	25	460	40	<5	<20	26	0.11	<10	117	<10	25	34
41	94	45	0.2	0.16	270	40	<5	0.15	1	2	93	53	1.20	10	0.04	91	3	0.04	3	30	6	<5	<20	4	<0.01	<10	<1	<10	3	5
42	95	30	<0.2	0.16	135	35	<5	0.06	<1	6	85	63	1.87	10	0.02	172	4	0.04	4	30	6	<5	<20	5	<0.01	<10	2	<10	6	14
43	96	45	0.2	0.18	470	30	<5	0.04	2	4	88	69	1.30	<10	0.02	82	3	0.03	2	30	6	<5	<20	3	<0.01	<10	<1	<10	4	9
44	97	30	<0.2	0.15	50	35	<5	0.05	<1	3	84	56	1.39	10	0.02	134	4	0.03	3	30	8	<5	<20	4	<0.01	<10	<1	<10	4	13
45	98	35	0.3	0.17	860	50	<5	0.09	4	4	99	54	1.11	<10	0.03	76	3	0.04	3	30	6	<5	<20	4	<0.01	<10	<1	<10	3	5
46	99	25	0.2	0.15	120	25	<5	0.14	<1	2	95	54	1.24	<10	0.04	103	4	0.04	3	30	4	<5	<20	<1	<0.01	<10	<1	<10	2	6
47	100	15	0.2	0.22	115	40	<5	0.12	<1	2	106	55	1.26	<10	0.03	49	4	0.03	4	30	6	<5	<20	5	<0.01	<10	<1	<10	2	2
48	101	30	0.2	0.15	695	30	<5	0.03	3	3	84	48	1.13	10	0.01	69	3	0.03	4	30	4	<5	<20	<1	<0.01	<10	<1	<10	2	4
49	102	30	0.2	0.19	55	35	<5	0.03	<1	2	92	49	1.15	<10	0.01	57	3	0.03	3	40	6	<5	<20	7	<0.01	<10	<1	<10	5	6
50	103	65	0.2	0.21	285	25	<5	0.03	1	3	82	68	1.69	<10	0.01	76	4	0.01	3	30	6	<5	<20	3	<0.01	<10	<1	<10	3	7
51	104	295	0.5	0.26	1515	30	<5	0.01	6	8	110	195	1.97	<10	<0.01	30	3	<0.01	4	20	8	20	<20	3	<0.01	<10	<1	<10	3	6
QC DATA:																														
Repeat:																														
1	51085	95	0.2	0.14	510	25	5	0.01	3	<1	92	14	0.94	<10	<0.01	12	3	<0.01	2	30	6	<5	<20	3	<0.01	<10	1	<10	<1	<1
10	51094	5	<0.2	0.45	10	55	<5	0.21	<1	5	79	19	1.48	20	0.26	267	<1	0.05	4	350	18	<5	<20	5	0.06	<10	23	<10	16	26
19	73	415	1.4	0.29	2130	40	135	0.23	10	26	82	334	4.86	<10	0.11	386	5	0.02	16	590	8	<5	<20	6	<0.01	<10	30	<10	6	54
36	89	35	<0.2	0.86	40	60	15	0.43	<1	12	92	65	2.24	<10	0.61	115	<1	0.06	6	210	18	<5	<20	3	0.05	<10	46	<10	9	10
45	98	40																												
Resplit:																														
1	51085	145	<0.2	0.14	530	25	10	0.01	2	<1	86	14	0.85	<10	<0.01	12	2	<0.01	<1	20	8	<5	<20	5	<0.01	<10	2	<10	<1	<1
36	89	55	<0.2	0.85	40	50	<5	0.43	<1	12	78	68	2.24	<10	0.56	118	2	0.05	6	220	24	<5	<20	13	0.05	<10	47	<10	9	9
Standard:																														
Pb106			>30	0.51	270	90	<5	1.62	32	3	43	6256	1.66	<10	0.16	553	39	0.02	7	280	5344	60	<20	135	<0.01	<10	13	10	1	8474
Pb106			>30	0.52	270	85	<5	1.65	33	4	43	6268	1.68	<10	0.17	560	39	0.02	7	260	5290	55	<20	137	<0.01	<10	13	10	<1	8397
OxE42		610																												
OxE42		600																												

JJ/bp/kc
df/1859
XLS/06

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ICP CERTIFICATE OF ANALYSIS AK 2006- 1927

Bushmaster Exploration Services Ltd.
P.O. Box 31293
Whitehorse, Yukon
Y1A 5P7

No. of samples received: 51
Sample Type: Rock
Project: Nucleus
Submitted by: R. 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	105	145	<0.2	0.10	965	25	<5	0.04	<1	3	52	81	1.75	<10	<0.01	118	3	0.02	4	30	6	<5	<20	2	<0.01	<10	<1	<10	2	12
2	106	50	<0.2	0.16	125	35	<5	0.03	<1	4	70	73	1.34	<10	<0.01	81	2	0.03	5	30	8	<5	<20	5	<0.01	<10	<1	<10	4	9
3	107	25	<0.2	0.12	190	35	<5	0.03	<1	2	61	41	1.05	<10	<0.01	92	2	0.03	3	30	6	<5	<20	<1	<0.01	<10	<1	<10	2	11
4	108	20	<0.2	0.15	80	40	<5	0.03	<1	3	72	61	1.26	<10	<0.01	70	2	0.03	2	30	4	<5	<20	2	<0.01	<10	<1	<10	2	10
5	109	95	<0.2	0.16	615	40	<5	0.03	<1	2	73	79	1.35	<10	0.01	104	3	0.03	4	30	6	<5	<20	3	<0.01	<10	<1	<10	3	11
6	110	310	<0.2	0.16	245	25	<5	0.03	<1	3	78	57	1.10	<10	<0.01	76	2	0.03	3	30	4	<5	<20	<1	<0.01	<10	<1	<10	1	7
7	111	20	<0.2	0.17	275	30	<5	0.03	<1	4	83	42	0.96	<10	<0.01	99	2	0.04	5	30	6	<5	<20	3	<0.01	<10	<1	<10	3	14
8	112	20	<0.2	0.14	25	30	<5	0.04	<1	4	84	40	0.99	10	0.02	118	2	0.04	7	30	4	<5	<20	2	<0.01	<10	<1	<10	3	9
9	113	5	<0.2	0.15	10	55	<5	0.03	<1	4	86	30	0.98	10	0.01	123	3	0.05	4	40	10	<5	<20	9	<0.01	<10	<1	<10	8	18
10	114	15	<0.2	0.13	15	55	<5	0.04	<1	3	75	33	1.03	10	0.02	113	3	0.04	4	40	8	<5	<20	2	<0.01	<10	<1	<10	4	10
11	115	25	<0.2	0.17	300	50	<5	0.06	<1	6	74	83	1.90	<10	0.03	157	4	0.03	4	20	4	<5	<20	<1	<0.01	<10	<1	<10	<1	16
12	116	95	0.2	0.37	25	45	<5	0.08	<1	6	98	84	2.28	<10	0.18	167	4	0.03	9	80	8	<5	<20	3	<0.01	<10	9	<10	5	18
13	117	600	2.7	0.88	55	30	<5	0.13	<1	24	113	764	4.26	<10	0.85	154	4	0.03	30	210	6	<5	<20	<1	0.02	<10	61	<10	5	245
14	118	95	0.4	0.35	30	45	<5	0.06	<1	10	89	126	2.79	20	0.29	90	4	0.04	5	30	6	<5	<20	2	<0.01	<10	8	<10	11	13
15	119	30	0.2	0.30	5	65	<5	0.05	<1	8	82	82	1.89	20	0.22	83	3	0.04	4	60	10	<5	<20	9	<0.01	<10	7	<10	17	10
16	120	115	0.5	1.34	80	40	<5	0.29	<1	36	83	392	8.50	<10	1.31	336	6	0.01	32	760	16	<5	<20	3	0.02	<10	98	<10	10	34
17	121	50	0.3	0.90	40	40	<5	0.16	<1	16	86	184	5.06	10	0.91	249	5	0.03	13	310	10	<5	<20	1	<0.01	<10	76	<10	10	29
18	122	30	0.3	0.27	10	45	<5	0.31	<1	11	82	147	3.50	10	0.28	213	4	0.03	7	450	4	<5	<20	5	<0.01	<10	22	<10	13	22
19	123	25	0.2	0.16	<5	35	<5	0.07	<1	7	75	97	2.52	10	0.11	194	3	0.04	3	20	2	<5	<20	<1	<0.01	<10	3	<10	10	15
20	124	380	1.1	1.11	<5	110	<5	1.60	<1	14	22	4122	3.30	<10	1.03	724	<1	0.17	11	920	14	<5	<20	98	0.14	<10	165	<10	14	44
21	125	25	0.2	0.19	15	30	<5	0.08	<1	9	80	113	2.83	<10	0.11	227	4	0.03	5	40	6	<5	<20	4	<0.01	<10	3	<10	9	23
22	126	35	0.2	0.16	10	35	<5	0.07	<1	9	75	109	2.69	10	0.13	188	4	0.04	5	20	6	<5	<20	4	<0.01	<10	3	<10	14	28
23	127	15	0.3	0.15	55	35	<5	0.06	<1	11	90	124	2.63	10	0.09	132	4	0.04	6	40	4	<5	<20	3	<0.01	<10	3	<10	9	33
24	128	15	<0.2	0.16	95	45	<5	0.04	<1	4	78	29	1.37	<10	0.03	156	3	0.03	4	30	10	<5	<20	3	<0.01	<10	<1	<10	3	21
25	129	20	<0.2	0.22	60	20	<5	0.03	<1	3	77	24	1.27	10	0.02	159	3	<0.01	3	40	6	<5	<20	<1	<0.01	<10	<1	<10	8	11
26	130	15	<0.2	0.24	135	40	<5	0.02	<1	2	70	38	1.16	20	0.02	87	2	<0.01	4	50	6	10	<20	1	<0.01	<10	2	<10	7	14
27	131	770	1.0	0.41	>10000	35	<5	0.01	<1	34	71	573	6.73	<10	<0.01	67	8	<0.01	23	80	8	190	<20	13	<0.01	<10	22	<10	<1	67
28	0131A	5	<0.2	0.39	10	45	<5	0.17	<1	4	64	36	1.50	10	0.21	240	<1	0.06	4	320	16	<5	<20	6	0.05	<10	22	<10	13	27
29	132	30	<0.2	0.20	65	70	<5	<0.01	<1	2	92	21	0.65	10	<0.01	27	3	<0.01	3	60	12	5	<20	14	<0.01	<10	1	<10	6	13
30	133	15	<0.2	0.23	40	35	<5	0.01	<1	5	70	41	0.95	20	<0.01	86	3	<0.01	4	60	12	5	<20	8	<0.01	<10	2	<10	9	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
31	134	995	0.2	0.75	1475	85	<5	0.86	<1	30	24	55	4.61	<10	1.97	672	<1	0.19	107	1140	14	<5	<20	49	0.09	<10	24	<10	17	61
32	135	80	0.5	1.79	80	70	<5	0.23	<1	24	64	280	7.24	<10	1.80	541	7	<0.01	16	530	22	<5	<20	10	0.04	<10	120	<10	23	53
33	136	35	0.5	0.80	20	35	<5	0.22	<1	26	69	284	6.73	<10	0.84	455	7	0.01	20	350	8	<5	<20	5	<0.01	<10	66	<10	21	32
34	137	20	0.2	1.07	15	40	<5	0.27	1	21	59	136	5.49	20	0.91	616	5	0.01	21	430	14	<5	<20	5	0.01	<10	70	<10	43	90
35	138	15	<0.2	0.30	75	25	<5	0.06	1	14	64	98	2.71	<10	0.08	207	3	<0.01	11	170	8	<5	<20	2	<0.01	<10	16	<10	9	44
36	139	15	<0.2	0.16	55	20	<5	0.02	<1	4	54	38	1.12	<10	0.02	105	4	<0.01	2	40	10	<5	<20	1	<0.01	<10	<1	<10	7	12
37	140	70	<0.2	0.20	25	15	<5	0.02	1	4	74	44	1.17	<10	0.01	146	4	<0.01	4	40	6	10	<20	<1	<0.01	<10	<1	<10	6	9
38	141	<5	<0.2	0.22	15	25	<5	0.03	<1	4	75	40	1.15	10	0.02	78	3	0.02	3	40	6	<5	<20	3	<0.01	<10	<1	<10	9	16
39	142	15	<0.2	0.24	10	20	<5	0.02	<1	2	76	14	0.68	10	0.01	82	3	<0.01	2	40	10	<5	<20	<1	<0.01	<10	<1	<10	7	7
40	143	15	<0.2	0.31	25	20	<5	0.01	2	3	91	45	0.81	10	<0.01	33	3	<0.01	6	40	10	10	<20	<1	<0.01	<10	1	<10	6	8
41	144	5	<0.2	0.48	<5	55	<5	0.22	<1	5	75	40	1.58	20	0.29	280	<1	0.06	5	370	16	<5	<20	7	0.07	<10	26	<10	14	29
42	145	20	<0.2	0.32	15	20	<5	0.03	<1	3	121	30	1.28	10	0.02	218	6	<0.01	4	40	8	<5	<20	<1	<0.01	<10	<1	<10	5	10
43	146	25	<0.2	0.25	20	35	<5	0.03	<1	4	82	49	1.89	<10	0.02	180	4	<0.01	2	30	10	<5	<20	4	<0.01	<10	<1	<10	5	19
44	147	10	<0.2	0.16	5	65	<5	0.04	<1	1	77	9	0.90	20	0.03	180	2	0.04	2	40	8	<5	<20	4	<0.01	<10	<1	<10	6	16
45	148	10	<0.2	0.21	5	25	<5	0.03	<1	2	78	12	0.91	10	0.02	140	3	0.03	3	30	8	<5	<20	2	<0.01	<10	<1	<10	6	16
46	149	25	<0.2	0.22	10	25	<5	0.04	<1	2	87	26	1.34	10	0.03	178	4	0.03	4	30	8	<5	<20	<1	<0.01	<10	<1	<10	6	15
47	150	20	<0.2	0.19	15	35	<5	0.04	<1	2	61	26	1.22	10	0.02	154	3	0.03	4	30	8	<5	<20	4	<0.01	<10	<1	<10	7	16
48	301	115	0.3	4.24	55	130	<5	0.50	<1	21	29	283	7.47	<10	2.34	309	<1	0.07	20	620	30	<5	<20	49	0.24	<10	289	<10	16	53
49	302	50	0.3	2.11	25	60	<5	0.17	<1	12	39	276	7.36	<10	1.38	131	4	0.13	4	810	14	<5	<20	28	0.16	<10	224	<10	7	32
50	303	65	0.2	2.15	<5	50	<5	0.27	<1	21	16	206	7.02	<10	1.29	297	20	0.07	11	740	20	<5	<20	25	0.20	<10	192	<10	20	61
51	304	75	0.2	1.93	<5	40	<5	0.29	<1	18	37	257	7.03	<10	1.12	220	2	0.09	11	510	14	<5	<20	29	0.12	<10	141	<10	9	69
QC DATA:																														
Repeat:																														
1	105	135	<0.2	0.10	960	30	<5	0.04	<1	3	53	81	1.74	<10	<0.01	118	3	0.02	4	20	4	<5	<20	2	<0.01	<10	<1	<10	2	12
10	114	15	<0.2	0.14	15	60	<5	0.04	<1	3	78	34	1.05	10	0.02	114	2	0.04	3	40	6	<5	<20	3	<0.01	<10	<1	<10	6	10
19	123	35	0.2	0.16	5	35	<5	0.07	<1	7	76	90	2.49	10	0.10	190	3	0.04	4	30	4	<5	<20	3	<0.01	<10	3	<10	10	15
36	139	15	<0.2	0.18	45	15	<5	0.03	<1	4	56	40	1.15	<10	0.02	106	3	<0.01	4	40	8	<5	<20	2	<0.01	<10	<1	<10	5	10
Resplit:																														
1	105	105	<0.2	0.21	810	30	<5	0.04	<1	3	54	84	1.77	<10	<0.01	121	4	0.03	5	20	6	<5	<20	2	<0.01	<10	<1	<10	2	12
36	139	10	<0.2	0.15	55	15	<5	0.03	<1	3	58	36	1.22	10	0.03	105	3	0.01	2	40	8	<5	<20	<1	<0.01	<10	1	<10	6	12
Standard:																														
PB106			>30	0.52	270	75	<5	1.48	33	4	40	6305	1.64	<10	0.16	551	39	0.02	7	290	5328	60	<20	145	<0.01	<10	13	10	<1	8425
PB106			>30	0.55	275	80	<5	1.61	34	4	41	6369	1.67	<10	0.17	565	42	0.02	7	275	5310	55	<20	140	<0.01	<10	14	10	<1	8440
OXE42		610																												
OXE42		610																												

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

JJ/bp/sa
df/1911
XLS/06

CERTIFICATE OF ASSAY AK 2006- 1859

Bushmaster Exploration Services Ltd.
P.O. Box 31293
Whitehorse, Yukon
Y1A 5P7

21-Nov-06

No. of samples received: 51
Sample Type: Rock
Project: Nucleus
Submitted by: R. Robertson

ET #.	Tag #	Au (g/t)	Au (oz/t)
2	51086	1.35	0.039
3	51087	1.09	0.032
5	51089	1.16	0.034
8	51092	3.27	0.095
28	81	3.45	0.101

QC DATA:

Standard:

OXJ47	2.36	0.069

JJ/sa
XLS/06

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

CERTIFICATE OF ASSAY AK 2006-1844

Bushmaster Exploration Services Ltd. 22-Nov-06
P.O. Box 31293
Whitehorse, Yukon
Y1A 5P7

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

ET #.	Tag #	Au (g/t)	Au (oz/t)	Pb (%)	Zn (%)
1	36	4.92	0.143		
2	37	1.58	0.046		
13	48	2.09	0.061		1.07
14	49	3.58	0.104	1.05	1.36
15	50	1.67	0.049		
16	51	1.20	0.035		
17	52	1.04	0.030		1.08
20	55	1.08	0.031		
26	61	1.89	0.055		
30	65	1.03	0.030		
44	51078	3.45	0.101		
48	51082	1.07	0.031		
50	51084	1.18	0.034		

QC DATA:

Standard:

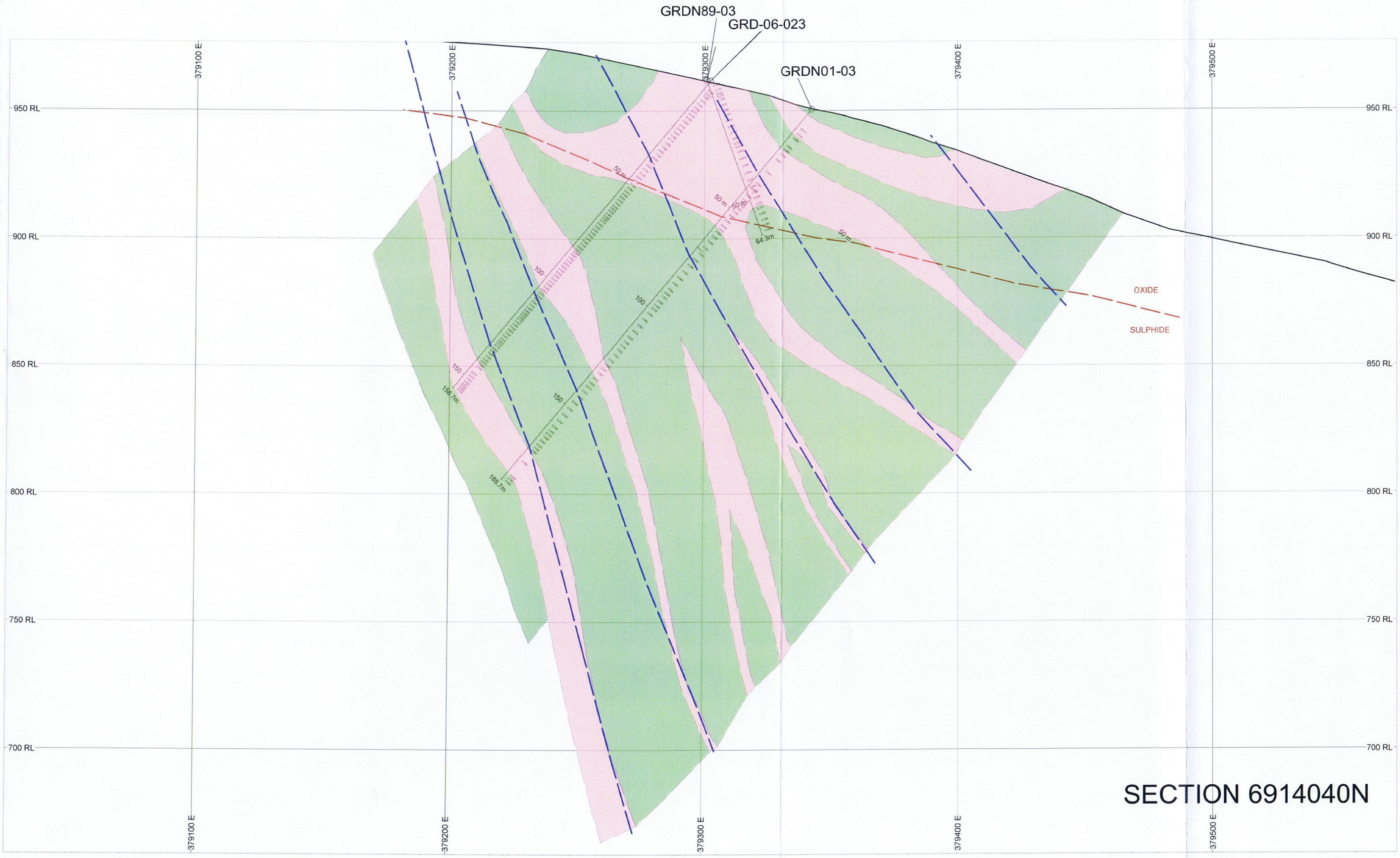
OXH37	1.28	0.037		
Pb106			0.53	0.84

JJ/kk
XLS/06

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

NORTHERN FREEGOLD RESOURCES LTD.

Nucleus Zone
Hole GRD-06-023



SECTION 6914040N

0.897 - Au g/t

Undifferentiated intrusives (microgranite, quartz feldspar porphyry)

Metasediments

Fault (mineralized zone)

SECTION SPECS:

REF. PT. E, N	379300 m	6914040 m
EXTENTS	546.8 m	317.7 m
SECTION TOP, BOT	976.8 m	659.1 m
TOLERANCE +/-	12.5 m	

SCALE 1 : 750

(m)

-5 0 5 10 15 20 25

*unknown

AZIMUTH = 90°

N W E S

Figure 6