2010 Drilling Assessment Report
on the
Revenue and Nucleus Properties
Freegold Mountain Project, Yukon

Freegold Mountain Area
NTS 115 I/6
Lat. 62°20'N Long. 37°19'W
Whitehorse Mining District

Claims work applied to:
See tables 3 and 4 in report

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

Report Prepared by:

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Debbie James B.Sc.

May 25, 2011

Period of Work:
May 19st, 2010 to October 4th, 2010

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1 Summary

The Freegold Mountain Project ('the Project') is centred approximately 200 km northwest of the city of Whitehorse and 70 km northwest of the town of Carmacks. Carmacks is situated on the Klondike Highway, a paved all-weather highway running from Whitehorse to Dawson City. From Carmacks, the unpaved Freegold Road, along with subsidiary unpaved roads, provides access to a large portion of the Project including the Revenue camp and the Revenue and Nucleus Properties. The Project is comprised of 1,051 contiguous claims totalling 198 square kilometres within the Whitehorse Mining District.

Between May 19 and October 4, 2010 eleven diamond drill holes (DDH) and six reverse circulation (RC) holes were drilled on the Nucleus Property while five DDH and forty RC holes were completed on the adjacent Revenue Property, both of which are located at the western end of the Freegold Mountain Project. Work on the Freegold Mountain Project has been divided into two Groupings, Grouping A which consists of 549 claims and includes the Caribou Creek claims and Grouping B which covers the remainder of the Project and comprises 611 claims. The work applied for as part of the assessment filing dated December 6, 2010 for Grouping A covers work done on three holes located on the Nucleus 16 claim and three holes located on the Revenue 16 claim. The work applied for as part of Grouping B covers the Revenue 15 claim, the Addition 3 claim, the Revenue Copper 2, the Revenue Copper 3 and Revenue Copper 4 claims as well as the Revenue No 9 claim, each of which contain one diamond drill hole.

The Freegold Mountain Project is located in the Dawson Range magmatic belt which straddles the boundary between the Stikine and Yukon-Tanana allocthonous marginal pericratonic terranes (Colpron et al. 2007; Hood et al. 2009). The regional geology is defined by a polydeformed, mainly metasedimentary sequence (Yukon-Tanana terrane) in which the deformation culminated with mylonitic corridors during a metamorphic event of lower amphibolitic grade. Beginning in the early Jurassic the basement of Yukon-Tanana terrane was intruded by several generations of granitic intrusives which culminated in the Cretaceous. The structural system defining the project area is dominated by early moderately to steeply dipping north westerly shear and fault zones with a dextral sense. The majority of the Freegold Project area is between two of these major regional structures: the regionally continuous Big Creek fault to the northeast and the Southern Big Creek fault to the southwest (Breitsprecher & Mortensen, 2004).

The Nucleus Property, consisting of 110 claims, is the most heavily explored portion of the Freegold Mountain Project and is centered at 62°20'N latitude and 137°19'W longitude. Exploration and prospecting in the region began in the 1930s but exploration on the Nucleus Property did not begin until 1968. A total of 11 diamond drill holes totaling 3105.92 m and 6 RC totaling 862.59 m were completed in 2010 on the Nucleus Property.

The adjoining Revenue Property consists of 107 claims and is the second most intensely explored area on the Project. The Revenue Property is centred approximately at 62°18'N latitude and 137°12'W longitude. Exploration on this area began in 1950s and has continued under various companies until 2006 when Northern Freegold Resources Ltd. (NFR) took over the property. In 2010 NFR drilled 5 DDH holes totaling 1531.05 m and 40 RC holes totaling 5634.21 m.

Both the Nucleus and Revenue Properties lie within a belt of Palaeozoic or older metasedimentary and lesser metavolcanic rocks belonging to the Yukon-Tanana Terrane. This package 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. These basement metamorphic rocks are extensively intruded by Jurassic and Cretaceous intrusions. North of the Big Creek fault the intrusions are granitoids of the Cretaceous Dawson Range Batholith (107 Ma) and Casino Plutonic Suite. South of the fault the intrusion is the older Big Creek syenite (184 Ma). In turn, all of the above units are cut by small plugs, sills and dykes of felsic to intermediate composition of mid to late Cretaceous age.

The 2010 diamond drill program was successful in expanding the NI 43-101 compliant Nucleus Property resource released in April 2010. Drilling in this area tested the northeastern extent of the resource using the RC drill. In the Revenue Zone the drill program was designed to test the copper-gold porphyry potential of the Revenue Property across a northwest trending area 2.5 km by 500m wide. Following positive preliminary drill results from the RC drill program, the diamond drill was moved onto Revenue to drill deeper holes and test areas with the most promising results.

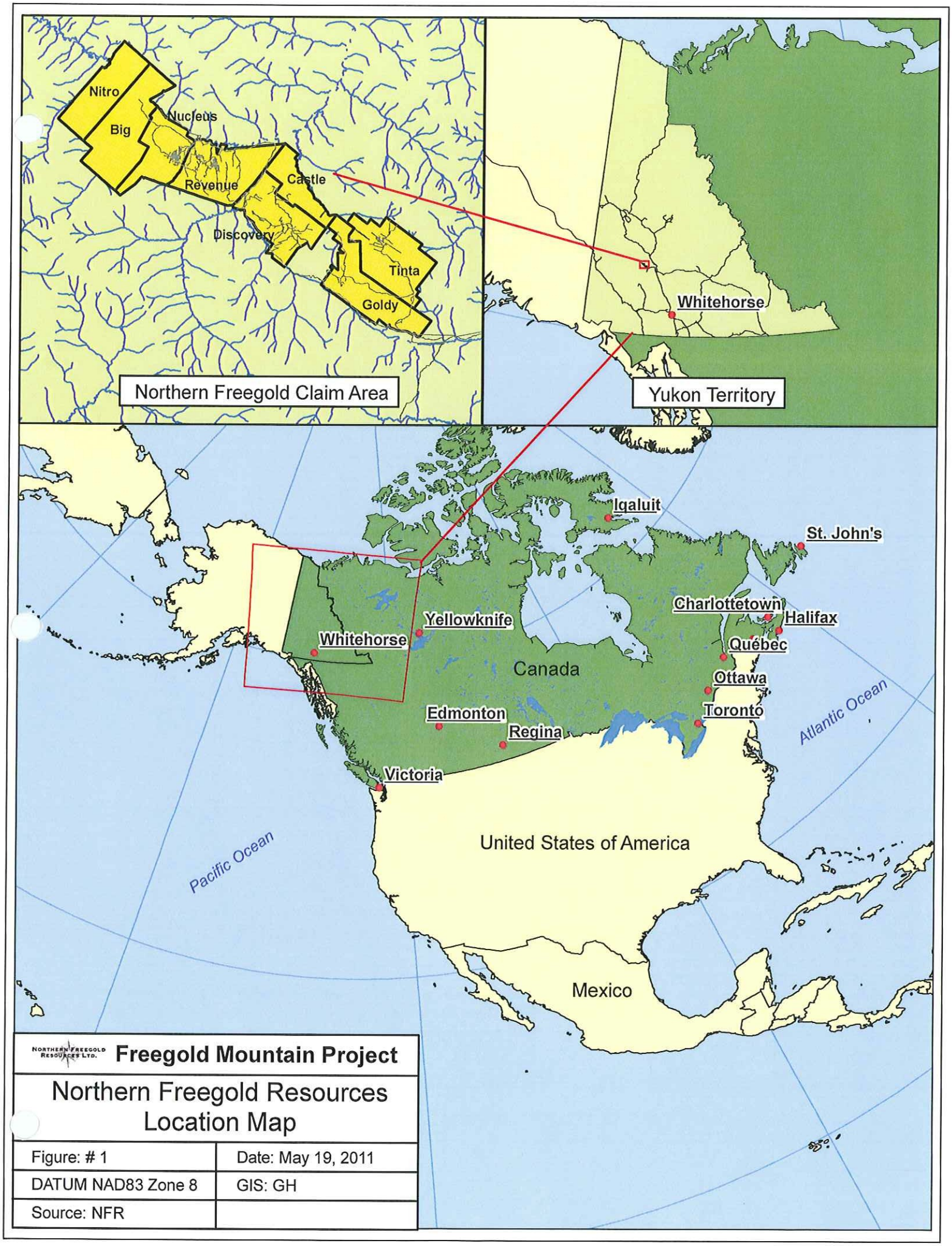
In February 2011, an updated 43-101 resource estimate was released for Nucleus and a Target Deposit was released for the Revenue Zone, both incorporating the results of the 2010 drill program. It is believed that the two deposits are part of the same gold rich porphyry system.

It is recommended that drilling at both Nucleus and Revenue continue with the aim of increasing the resource at Nucleus, confirming the target resource at Revenue and testing the potential to link the two properties.

2 Introduction

The Nucleus and Revenue Properties are part of the Freegold Mountain Project located in the Dawson Range in south-central Yukon Territory (Figure 1) and is 100% owned by Northern Freegold Resources Ltd. Drilling on the Nucleus and Revenue Properties took place between May 19th and October 4th 2010. Fifteen diamond drill holes and forty six RC holes were drilled, resulting in a total of 11,133.74 m of drilling.

Work conducted on a total of eight separate claims on both the Nucleus and Revenue Properties is being applied to the two groupings illustrated in Figure 2 and Figure 3. The claims in Grouping A include the Caribou Claims owned by Bill Harris. Work done on the Nucleus 16 and Revenue 16 claims is being applied to the Caribou Claims as outlined in the application for a certificate of work dated December 6, 2010.



NORTHERN FREEGOLD RESOURCES LTD.

Freegold Mountain Project

Northern Freegold Resources Location Map

Figure: # 1	Date: May 19, 2011
DATUM NAD83 Zone 8	GIS: GH
Source: NFR	

NFR Freegold Mountain Property Claims with Caribou Creek Claims Grouping A Figure 2

370000 380000 390000

6920000 6910000

115I05 115I06 115I07

N

NORTHERN FREEGOLD RESOURCES LTD.

- Grouping A claims
- Claims worked Grouping A
- Other Quartz Claims and Mineral Tenures
- First Nation Settlement Land
- Freegold Mountain Road

1:75,000 May 19, 2011

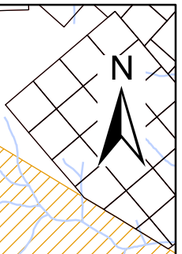
0 1 2 4 Kilometers

NFR Freegold Mountain Property Claims
Grouping B — Figure 3

380000 390000 400000

6910000

115I06 115I07 115I03 115I02



NORTHERN FREEGOLD RESOURCES LTD.

- Grouping B claims
- Claims worked Grouping B
- Other Quartz Claims and Mineral Tenures
- First Nation Settlement Land
- Freegold Mountain Road

1:75,000

May 19, 2011

0 1 2 4 Kilometers

2.1 Property Description and Location

2.1.1 Location and Access

The Freegold Mountain Project is located approximately 70 km northwest of the town of Carmacks (Figure 1) along the unpaved Freegold Road which, along with a network of subsidiary unpaved roads provides access to a large portion of the property. The Revenue camp is located along this road. Whitehorse and the town of Carmacks serve as supply centers for exploration in the area.

The Project covers parts of NTS map sheets 115I/3, 115I/6, and 115I7, and is centred approximately at 62°18'N latitude and 137°12'W longitude.

2.1.2 Claims and Claim Status

The Nucleus Property includes 110 contiguous two-post Yukon Quartz claims (Figure 2). The six drill holes listed in Table 1 were drilled on either the Nucleus 16 or the Revenue 16 claims. The work done on these claims is being applied to the claims listed below in Table 3 as part of Grouping A.

Table 1: Drill holes applied to Grouping A

Claim ID	Hole ID	Hole Type	Max Depth	Date Started	Date Completed
Revenue 16	GRD10-164	DDH	300.84	29/06/10	03/07/10
Revenue 16	GRD10-165	DDH	280.42	03/07/10	07/07/10
Nucleus 16	GRD10-169	DDH	323.09	22/07/10	31/07/10
Nucleus 16	GRD10-171	DDH	350.52	04/08/10	10/08/10
Nucleus 16	GRD10-172	DDH	362.71	10/08/10	16/08/10
Revenue 16	GRD10-174	DDH	308.76	24/08/10	31/08/10

The Revenue Property includes 107 contiguous two-post Yukon Quartz claims (Figure 3). The six drill holes listed in Table 2 constitute the work being applied to the claims listed in Table 4 as part of Grouping B.

Table 2: Drill holes applied to Grouping B

Claim ID	Hole ID	Hole Type	Max Depth	Date Started	Date Completed
Revenue 15	GRD10-167	DDH	310.59	11/07/10	15/07/10
Addition 3	RVD10-009	DDH	300.23	31/08/10	06/09/10
Revenue Copper 2	RVD10-010	DDH	350.52	06/09/10	14/09/10
Revenue Copper 3	RVD10-011	DDH	239.27	15/09/10	18/09/10
Revenue No. 9	RVD10-012	DDH	340.77	19/09/10	26/09/10
Revenue Copper 4	RVD10-013	DDH	300.23	26/09/10	01/10/10

Table 3: Grouping A claims:

Grant Number	Claim Name	Expiry Date	Renewal Period Requested (years)	New Expiry Date	Claim Owner	% owned
90465-90468	Greenstone 001-004	28-Feb-17	4.00	28-Feb-21	Eric Weinecke/Bill Harris	51/49
91056	Greenstone 005	28-Feb-17	4.00	28-Feb-21	Eric Weinecke/Bill Harris	51/49
Y 21094	Greenstone 006	28-Feb-17	4.00	28-Feb-21	Eric Weinecke/Bill Harris	51/49
Y 24020	Revenue 016	28-Feb-24	4.00	28-Feb-28	NFR	100
YA51190	Nucleus 002	28-Feb-21	4.00	28-Feb-25	NFR	100
YA51192	Nucleus 004	28-Feb-21	4.00	28-Feb-25	NFR	100
YA51194	Nucleus 006	28-Feb-21	4.00	28-Feb-25	NFR	100
YA51196	Nucleus 008	28-Feb-21	4.00	28-Feb-25	NFR	100
YA51198-YA51213	Nucleus 010-025	28-Feb-21	4.00	28-Feb-25	NFR	100
YA51215	Nucleus 027	28-Feb-21	4.00	28-Feb-25	NFR	100
YA51217-YA51218	Nucleus 029-030	28-Feb-21	4.00	28-Feb-25	NFR	100
YA60262-YA60265	Nucleus 041-044	28-Feb-21	4.00	28-Feb-25	NFR	100
YA60268-YA60269	Nucleus 047-048	28-Feb-21	4.00	28-Feb-25	NFR	100
YC09243-YC09248	More 003-008	28-Feb-22	4.00	28-Feb-26	NFR	100
YC09250	More 010	28-Feb-22	4.00	28-Feb-26	NFR	100
YC09336-YC09337	More 031-032	28-Feb-22	4.00	28-Feb-26	NFR	100
/C30165-YC30200	Mag 001-036	28-Feb-20	4.00	28-Feb-24	NFR	100
YC37001-YC37008	Mag 037-044	28-Feb-20	4.00	28-Feb-24	NFR	100
YC37009-YC37056	Nitro 001-048	28-Feb-14	4.00	28-Feb-18	NFR	100
YC40076-YC40094	Rage 001-019	28-Feb-17	4.00	28-Feb-21	Bill Harris	100
YC40095-YC40102	Froh 001-008	28-Feb-17	4.00	28-Feb-21	Bill Harris	100
YC40917-YC40924	Froh 021-028	28-Feb-19	4.00	28-Feb-23	Bill Harris	100
YC41307-YC41339	Big 001-033	28-Feb-22	4.00	28-Feb-26	NFR	100
YC47223-YC47232	Froh 047-056	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC47242-YC47247	Au 008-013	28-Feb-20	4.00	28-Feb-24	NFR	100
YC47424-YC47426	Froh 066-068	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC47429-YC47444	Big 035-050	28-Feb-20	4.00	28-Feb-24	NFR	100
YC47445-YC47460	Big 059-074	28-Feb-20	4.00	28-Feb-24	NFR	100
YC53685-YC53692	Big 051-058	28-Feb-20	4.00	28-Feb-24	NFR	100
YC54330	Big 034	28-Feb-20	4.00	28-Feb-24	NFR	100
YC95105-YC95107	Free 002-004	11-Dec-10	4.25	28-Feb-15	NFR	100
YC95108-YC95109	Free 005-006	12-Jan-11	4.25	28-Feb-15	NFR	100
YC95110-YC95112	Free 007-009	17-Dec-10	4.25	28-Feb-15	NFR	100
YC95115-YC95117	Free 010-012	07-Dec-10	4.25	28-Feb-15	NFR	100
YC95142	Free 001	11-Dec-10	4.25	28-Feb-15	NFR	100
YD16920	Free 028	11-Dec-10	4.25	28-Feb-15	NFR	100
YD16921-YD16922	Free 029-030	17-Dec-10	4.25	28-Feb-15	NFR	100

YD16923-YD16928	Free 031-036	17-Dec-10	4.25	28-Feb-15	NFR	100
,D16929-YD16936	Free 037-044	11-Dec-10	4.25	28-Feb-15	NFR	100
YD16937-YD16949	Free 045-058	17-Dec-10	4.25	28-Feb-15	NFR	100
YD16950-YD16951	Free 060-061	17-Dec-10	4.25	28-Feb-15	NFR	100
YD16952	Free 062	17-Dec-10	4.25	28-Feb-15	NFR	100
YD16953-YD16956	Free 063-066	11-Dec-10	4.25	28-Feb-15	NFR	100
YD16957-YD16966	Free 067-076	17-Dec-10	4.25	28-Feb-15	NFR	100
YD16967	Free 055	17-Dec-10	4.25	28-Feb-15	NFR	100
YD16968	Free 059	17-Dec-10	4.25	28-Feb-15	NFR	100
YD16969	Free A 059	17-Dec-10	4.25	28-Feb-15	NFR	100
YD16970-YD16999	Free 077-106	17-Dec-10	4.25	28-Feb-15	NFR	100
YD17051-YD17062	Free 107-118	17-Dec-10	4.25	28-Feb-15	NFR	100
YD17063-YD17068	Free 119-124	11-Dec-10	4.25	28-Feb-15	NFR	100
YD17069-YD17073	Free 125-129	17-Dec-10	4.25	28-Feb-15	NFR	100
YD17113	Free 014	11-Dec-10	4.25	28-Feb-15	NFR	100
YD17118	Free 013	11-Dec-10	4.25	28-Feb-15	NFR	100
YD17130	Free 016	11-Dec-10	4.25	28-Feb-15	NFR	100
YD17136	Free 015	11-Dec-10	4.25	28-Feb-15	NFR	100
YD17137	Free 018	11-Dec-10	4.25	28-Feb-15	NFR	100
YD17139	Free 017	11-Dec-10	4.25	28-Feb-15	NFR	100
YD17140	Free 020	11-Dec-10	4.25	28-Feb-15	NFR	100
YD17141	Free 019	11-Dec-10	4.25	28-Feb-15	NFR	100
YD17142	Free 021	11-Dec-10	4.25	28-Feb-15	NFR	100
YD17143-YD17148	Free 022-027	11-Dec-10	4.25	28-Feb-15	NFR	100
YD17201-YD17219	Free 130-148	11-Dec-10	4.25	28-Feb-15	NFR	100
YD18382-YD18387	Free 149-154	11-Dec-10	4.25	28-Feb-15	NFR	100
YD18388-YD18403	Free 155-170	17-Dec-10	4.25	28-Feb-15	NFR	100
YD18406-YD18409	Free 173-176	17-Dec-10	4.25	28-Feb-15	NFR	100
			Caribou Creek Claims			
Y 21249	HOPE	29-Jan-18	4.00	29-Jan-22	Bill Harris/Mainsteele Developments Ltd.	49/51
Y 25895-Y 25900	BEST 001-006	29-Jan-19	4.00	29-Jan-23	Bill Harris/Mainsteele Developments Ltd.	49/51
Y 76048	HOPE 002	29-Jan-17	4.00	29-Jan-21	Bill Harris/Mainsteele Developments Ltd.	49/51
YA92778-YA92780	GREENSTONE 007-009	29-Jan-18	4.00	29-Jan-22	Bill Harris/Eric Wienecke	49/51
YA92869	GREENSTONE 010	29-Jan-18	4.00	29-Jan-22	Bill Harris/Eric Wienecke	49/51
YB07740-YB07805	BOO 001-066	29-Jan-19	4.00	29-Jan-23	Bill Harris	100
YB07806-YB07815	BOO 077-086	29-Jan-19	4.00	29-Jan-23	Bill Harris	100
YB07816-YB07819	BOO 101-104	29-Jan-19	4.00	29-Jan-23	Bill Harris	100
YB08026-YB08035	BOO 067-076	29-Jan-19	4.00	29-Jan-23	Bill Harris	100
YB08036-YB08042	CARA 001-007	29-Jan-19	4.00	29-Jan-23	Bill Harris/Mainsteele Developments Ltd.	49/51

Total Claims: 549

Table 4: Grouping B claims

Grant Number	Claim Name	Expiry Date	Renewal Period Requested (years)	New Expiry Date	Claim Owner	% owned
15494	Augusta	28-Feb-17	4.00	28-Feb-21	Eric Weinecke/Bill Harris	51/49
15505	Margarete	28-Feb-17	4.00	28-Feb-21	Eric Weinecke/Bill Harris	51/49
15519	Gold Star	28-Feb-17	4.00	28-Feb-21	Eric Weinecke/Bill Harris	51/49
15549	Peerless	28-Feb-17	4.00	28-Feb-21	Eric Weinecke/Bill Harris	51/49
15677	Protection	28-Feb-17	4.00	28-Feb-21	Eric Weinecke/Bill Harris	51/49
60420-60421	Shearzone 001-002	28-Feb-17	4.00	28-Feb-21	Eric Weinecke/Bill Harris	51/49
60422-60423	Vindicator 001-002	28-Feb-17	4.00	28-Feb-21	Eric Weinecke/Bill Harris	51/49
63638	Liberty	28-Feb-19	4.00	28-Feb-23	Eric Weinecke/Bill Harris	51/49
63639-63641	Excelsior 001-003	28-Feb-17	4.00	28-Feb-21	Eric Weinecke/Bill Harris	51/49
67180-67187	Revenue Copper 001-008	28-Feb-24	4.00	28-Feb-28	NFR	100
68060-68061	Addition 001-002	28-Feb-24	4.00	28-Feb-28	NFR	100
73464-73465	Progress 001-002	28-Feb-17	4.00	28-Feb-21	Eric Weinecke/Bill Harris	51/49
74488-74489	Addition 003-004	28-Feb-24	4.00	28-Feb-28	NFR	100
75321-75322	Homestake 001-002	28-Feb-24	4.00	28-Feb-28	NFR	100
75323	Addition 005	28-Feb-24	4.00	28-Feb-28	NFR	100
Y 21008-Y 21011	Inca 001-004	28-Feb-24	4.00	28-Feb-28	NFR	100
Y 21014-Y 21015	Inca 007-008	28-Feb-24	4.00	28-Feb-28	NFR	100
Y21270	Revenue No. 009	28-Feb-24	4.00	28-Feb-28	NFR	100
Y21272	Revenue No. 011	28-Feb-24	4.00	28-Feb-28	NFR	100
Y 24017-Y 24019	Revenue 013-015	28-Feb-24	4.00	28-Feb-28	NFR	100
Y 24025-Y 24026	Revenue 021-022	28-Feb-24	4.00	28-Feb-28	NFR	100
Y25959	Rev 011	28-Feb-24	4.00	28-Feb-28	NFR	100
Y 25961-Y 25962	Rev 013-014	28-Feb-24	4.00	28-Feb-28	NFR	100
Y 26361-Y 26362	Revenue 003-004	28-Feb-24	4.00	28-Feb-28	NFR	100
Y 26365-Y 26366	Revenue 005-006	28-Feb-24	4.00	28-Feb-28	NFR	100
Y 26371-Y 26372	Add 005-006	28-Feb-24	4.00	28-Feb-28	NFR	100
Y 26404-Y 26405	Revenue 007-008	28-Feb-24	4.00	28-Feb-28	NFR	100
Y 79564-Y 79568	Au 001-005	28-Feb-24	4.00	28-Feb-28	NFR	100
Y 80439-Y 80440	Au 006-007	28-Feb-24	4.00	28-Feb-28	NFR	100
Y80600	Goldstar	28-Feb-17	4.00	28-Feb-21	Eric Weinecke/Bill Harris	51/49
YA51214	Nucleus 026	28-Feb-21	4.00	28-Feb-25	NFR	100
YA51216	Nucleus 028	28-Feb-21	4.00	28-Feb-25	NFR	100
YA92082-YA92083	Rick 001-002	28-Feb-19	4.00	28-Feb-23	Eric Weinecke/Bill Harris	51/49
YA92084-YA92095	Rick 003-014	28-Feb-17	4.00	28-Feb-21	Eric Weinecke/Bill Harris	51/49
YA92748-YA92754	Rick 015-021	28-Feb-17	4.00	28-Feb-21	Eric Weinecke/Bill Harris	51/49
A92757-YA92767	Cabage 001-011	28-Feb-19	4.00	28-Feb-23	Eric Weinecke/Bill Harris	51/49

Grant Number	Claim Name	Expiry Date	Renewal Period Requested (years)	New Expiry Date	Claim Owner	% owned
YA92768-YA92769	Cabage 013-014	28-Feb-17	4.00	28-Feb-21	Eric Weinecke/Bill Harris	51/49
YA92770-YA92777	Cabage 017-024	28-Feb-19	4.00	28-Feb-23	Eric Weinecke/Bill Harris	51/49
YA95206-YA95211	Bit 001-006	28-Feb-24	4.00	28-Feb-28	NFR	100
YA95212	Bit 014	28-Feb-24	4.00	28-Feb-28	NFR	100
YA95213	Rev-Cop 001	28-Feb-24	4.00	28-Feb-28	NFR	100
YA95214-YA95220	Bit 007-013	28-Feb-24	4.00	28-Feb-28	NFR	100
YA95221-YA95224	Bit 015-018	28-Feb-24	4.00	28-Feb-28	NFR	100
YA97441-YA97443	Subtract 001-003	28-Feb-24	4.00	28-Feb-28	NFR	100
YB05903-YB05908	Bynordac 001-006	28-Feb-19	4.00	28-Feb-23	Eric Weinecke/Bill Harris	51/49
YB37987	Pauline 001	28-Feb-19	4.00	28-Feb-23	Bill Harris	100
YB37988	Goldstar 001	28-Feb-17	4.00	28-Feb-21	Bill Harris	100
YC09221-YC09240	Sey 001-020	28-Feb-22	4.00	28-Feb-26	NFR	100
YC09279-YC09285	Nuc 001-007	28-Feb-22	4.00	28-Feb-26	NFR	100
YC18660-YC18667	Tinta 003-010	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC18716-YC18719	Goldy 001-004	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC18724-YC18739	Goldy 009-024	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC18864	Hill 014	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC18865	Hill 016	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC18866	Hill 018	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC18867-YC18887	Hill 020-040	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC18888	Hill 050	28-Feb-21	4.00	28-Feb-25	Bill Harris	100
YC18889	Hill 052	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC18890	Hill 054	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC18891	Hill 056	28-Feb-21	4.00	28-Feb-25	Bill Harris	100
YC19282-YC19287	Happy 001-006	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC19288-YC19289	Happy 007-008	28-Feb-21	4.00	28-Feb-25	Bill Harris	100
YC19290-YC19293	Feliz 001-004	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC19564-YC19577	Dart 001-014	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC19653-YC19654	Tinta 001-002	28-Feb-22	4.00	28-Feb-26	Bill Harris	100
YC19655-YC19660	Feliz 005-010	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC19661-YC19665	Feliz 025-029	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC29907-YC29914	Sey 021-028	28-Feb-20	4.00	28-Feb-24	NFR	100
YC30019-YC30036	Goldy 025-042	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC30037	Goldy 044	28-Feb-21	4.00	28-Feb-25	Bill Harris	100
YC30038-YC30043	Dart 015-020	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC30062-YC30097	Glen 001-036	28-Feb-17	4.00	28-Feb-21	Bill Harris	100
YC30123-YC30126	Goldy 005-008	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC30127	Goldy 043Fr	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
37127-YC37128	Tinta 011-012	28-Feb-20	4.00	28-Feb-24	Bill Harris	100

Grant Number	Claim Name	Expiry Date	Renewal Period Requested (years)	New Expiry Date	Claim Owner	% owned
YC37129-YC37132	Tinta 101-104	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC40103-YC40114	Froh 009-020	28-Feb-17	4.00	28-Feb-21	Bill Harris	100
YC40925-YC40934	Froh 029-038	28-Feb-17	4.00	28-Feb-21	Bill Harris	100
YC41340-YC41357	Dart 021-038	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC41358-YC41365	Froh 039-046	28-Feb-18	4.00	28-Feb-22	Bill Harris	100
YC41366-YC41391	Glen 037-062	28-Feb-18	4.00	28-Feb-22	Bill Harris	100
YC41392-YC41397	Tinta 105-110	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC41398-YC41400	Tinta 121-123	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC46501-YC46509	Tinta 124-132	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC47233-YC47241	Froh 057-065	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC47311-YC47314	Tinta 014-017	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC47315-YC47384	Tinta 019-092	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC47385-YC47386	Tinta 111-112	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC47387-YC47420	Goldy 045-078	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
YC47421YC47423	Nuc 008-010	28-Feb-20	4.00	28-Feb-24	NFR	100
YC47427-YC47428	Froh 069-070	28-Feb-18	4.00	28-Feb-22	Bill Harris	100
YC54137-YC54138	Glen 063-064	28-Feb-17	4.00	28-Feb-21	Bill Harris	100
YC54139-YC54142	Dart 039-042	28-Feb-20	4.00	28-Feb-24	Bill Harris	100
C54143-YC54147	Au 014-018	28-Feb-20	4.00	28-Feb-24	NFR	100
YC57816-YC57831	Goldy 079-094	28-Feb-19	4.00	28-Feb-23	Bill Harris	100
YC57832-YC57833	Goldy 095-096	28-Feb-15	3.25	28-Feb-19	Bill Harris	100
YC57834	Goldy 097	28-Feb-19	4.00	28-Feb-23	Bill Harris	100
YC57834-YC57841	Goldy 097-104	28-Feb-19	4.00	28-Feb-23	Bill Harris	100
YC57842-YC57843	Goldy 105-106	28-Feb-15	3.25	28-Feb-19	Bill Harris	100
YC57844-YC57845	Goldy 107-108	28-Feb-17	4.00	28-Feb-21	Bill Harris	100
YC65081-YC65082	Tinta 073-074	28-Feb-21	4.00	28-Feb-25	Bill Harris	100
YC65083-YC65086	Dart 043-046	28-Feb-17	4.00	28-Feb-21	Bill Harris	100
YC65775-YC65784	Goldy 109-118	28-Feb-16	4.00	28-Feb-20	Bill Harris	100

Total Claims: 611

2.1.3 Climate, Physiography and Vegetation

The Dawson Range has a northern interior climate. Winters are long, have typically low precipitation, with temperatures often reaching -30° to -40°C. Summers are variably humid with common afternoon thunderstorms. The exploration season is from April until October.

The Freegold Mountain Project lies in unglaciated terrain with sparse outcrop exposure. Rolling hills and mountain valleys are characteristic landforms. Elevations range from 750 metres to 1510 metres above sea level. Permafrost occurs near surface on north facing slopes and underneath the upper one metre of soil cover on south facing slopes. Two layers of white volcanic ash occur throughout most of the area as unconsolidated beds generally a few centimeters thick, but in places their accumulation exceeds one meter. The oldest ash is thought to be the Old Crow tephra at 150,000 years old, and the most recent is the White River Tephra at 1250-1400years in age (Breitsprecher & Mortensen, 2004). Vegetation consists of alpine grass and moss, willow and black spruce. Valleys are densely vegetated with spruce, birch and cottonwood. Alder and willow form dense covers over flat areas.

The Project is on Crown land, entirely within the traditional territories of Little Salmon/Carmacks First Nation and Selkirk First Nation. Both have settled their land claims with the Yukon Territorial Government and the Federal Government.

3 Regional and Property Geology

3.1 Regional Geology and Tectonic Setting

The geological understanding of the Nucleus and Revenue Properties is largely based on observations from diamond drill core, interpretation of geophysical surveys and regional observations. Outcrop exposure is poor over most of the property, there is moderate to deep weathering and the weathered material was not removed during the most recent ice age.

The Property lies within a belt of Palaeozoic or older metasedimentary and lesser metavolcanic rocks belonging to the Yukon-Tanana Terrane (Figure 4). This package 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. These basement metamorphic rocks are extensively intruded by Jurassic and Cretaceous intrusions. North of the Big Creek fault the intrusions are granitoids of the Cretaceous Dawson Range Batholith (107 Ma) and Casino Plutonic Suite. South of the fault the intrusion is the older Big Creek syenite (184 Ma). In turn, all of the above units are cut by small plugs, sills and dykes of felsic to intermediate composition of mid to late Cretaceous age.

These 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. 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). At Nucleus the feldspar porphyry dykes have been dated at 104-106 Ma and at Revenue the breccia body and aplite dykes at 75 Ma (Bineli Betsi, and Bennet, 2010).

Most of the higher parts of the Property are unglaciated resulting in the preservation of a surface cap of weathered material formed during an extended period of tropical weathering. Oxidation extends to depths of 20 to 200 m below the present ground surface depending on local structural and lithological controls.

The structural system containing Nucleus and Revenue is dominated by early moderately to steeply dipping north westerly shear and fault zones with a dextral sense, parallel to the regional structures. These shear and fault zones underwent multiple reactivations and the stress regime remained relatively constant. The Property is bounded by two of these major regional structures: the regionally continuous Big Creek fault to the northeast and a parallel fault to the southwest (Figure 5). Contained between these regional structures are three sets of secondary structures, one set trending west to northwest and the lesser sets trending northwest to north and northeast. Mineralization is preferentially distributed along these structures, especially the west to northwest direction. The northeast direction appears to be the latest event, and in some cases is post mineralization.

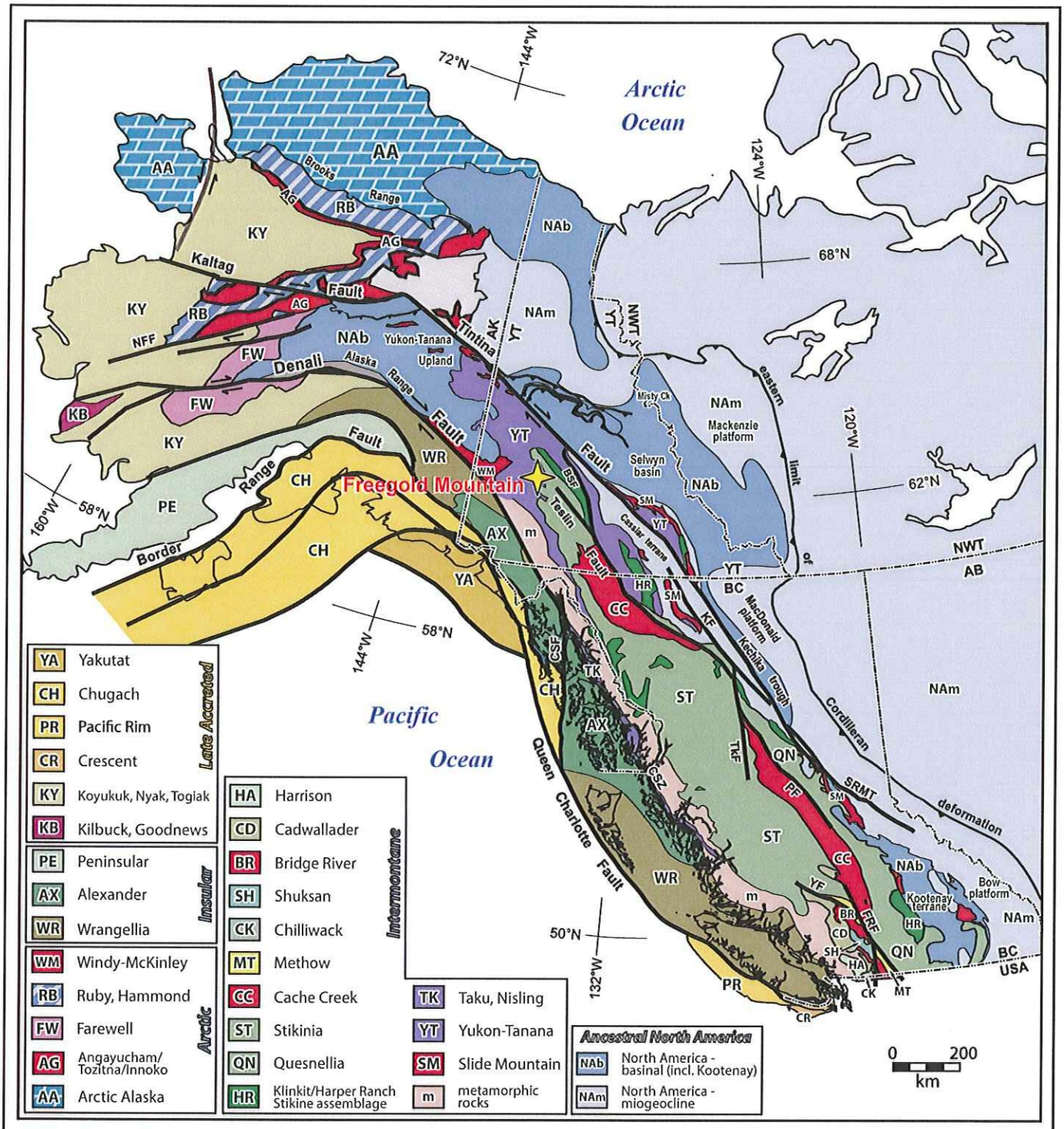


Figure 4. The collage of northern cordilleran terranes (Nelson and Colpron, 2007. The Freegold Mountain Property lies at the contact of Stikinia and Yukon-Tanana terranes of the peri-Laurentian realm.

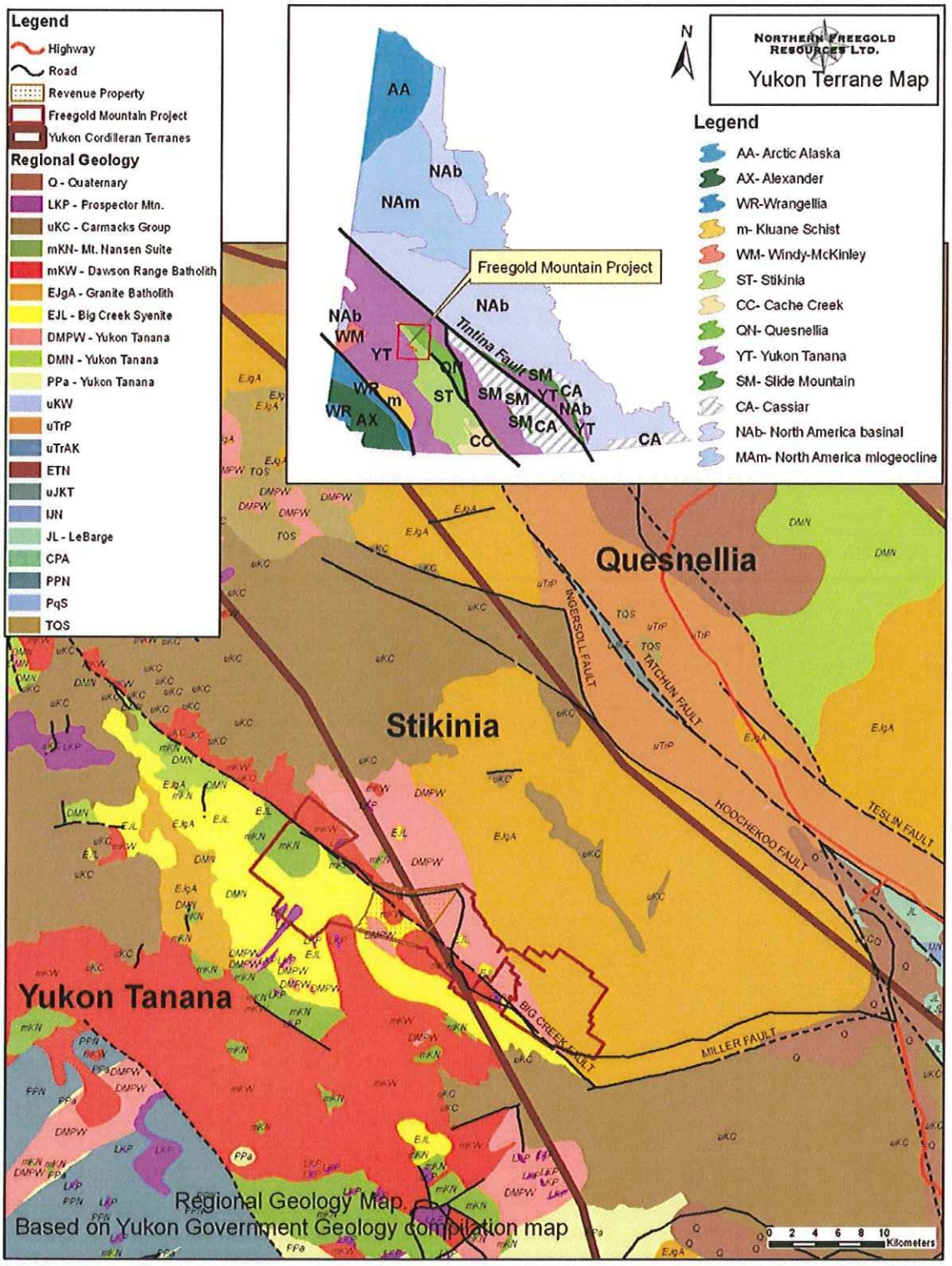


Figure 5: Regional geology

3.2 Nucleus Property Geology

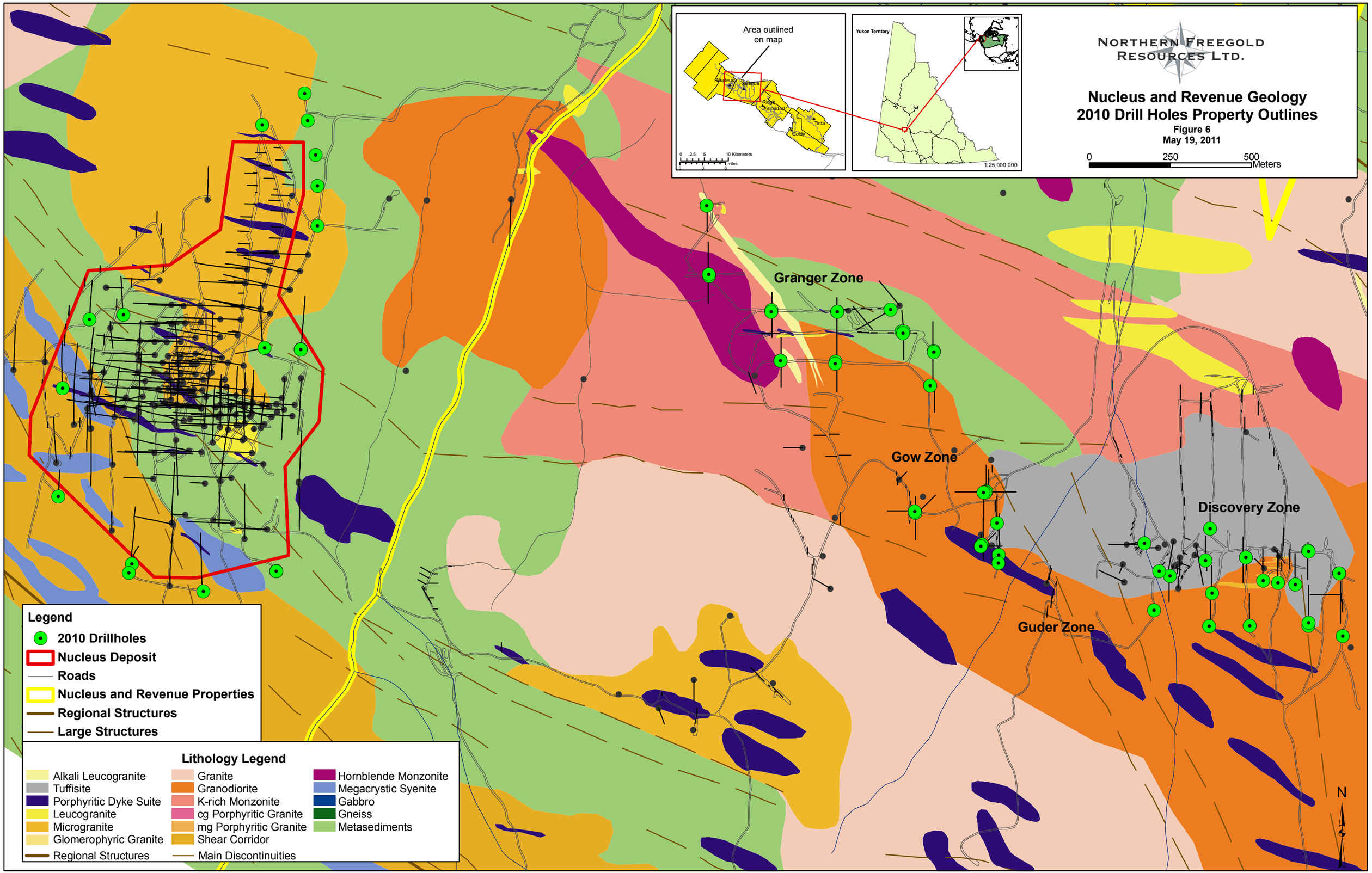
The geology of the Nucleus Deposit is dominated by the schistose metasedimentary and lesser metavolcanic Yukon-Tanana basement rocks intruded by minor quartz-monzonite to granodiorite bodies and a large microgranite intrusion, all of which are crosscut by quartz-feldspar porphyry dykes (Figure 6).

The dominant basement rock is brown quartz-feldspar-biotite schist, usually foliated, sometimes gneissic, but locally fine grained and massive. On the west side of Nucleus grey quartz-feldspar-muscovite schist is typical. The foliation orientation of the basement rocks varies depending on the location within the deposit area. On the eastern side of Nucleus the foliation strikes to the east-northeast and dips steeply to the south. On the western side of the Deposit, foliation changes sharply and strikes to the west and dips moderately to the south. Shearing has formed mylonitic textures within the basement rocks as well as in some of older granitic bodies.

The quartz monzonite and granodiorite bodies are part of the larger Dawson Range Batholith that is found to the east and north of the deposit and also at depth in most drillholes. The rocks are typical equigranular, medium grained salt and pepper granitoids and compositional variations may be largely due to alteration. This unit is the least extensive in Nucleus, though it is prevalent to the east on the Revenue Property.

Most of the microgranite at Nucleus forms a laccolith on the north side of the deposit, creating a resistive cap on the top of the hill, but it also occurs in smaller amounts as dykes and sills within the basement rocks. Compositionally it is very felsic, composed of feldspar and quartz with occasional muscovite or biotite. Some microgranite units show a foliation or flow banding which could be interpreted as a mineral lineation formed when the liquid cooled and/or indicate the rock was emplaced during the shearing and folding event in the area. The younger and fresher microgranite units are fine grained, and equigranular to porphyritic with phenocrysts of plagioclase. Contacts between the microgranite and basement rocks range between sharp and brecciated, and the brecciated contacts tend to carry gold mineralization. The microgranite has not been dated but field relationships observed in core and its position in the stratigraphy suggest it is one of the younger units and most likely slightly older than the porphyry dykes.

The porphyry dykes are oriented roughly northwest and are thought to represent zones of dilation and/or tension gashes as a result of a protracted brittle tectonic event. They have been dated at 105-104Ma and 74-77 Ma (Bineli Betsi and Bennett, 2010). The dykes could belong to both the Carmacks Group and the Mount Nansen Suite or they could be Mt. Nansen Suite dykes that were mineralized and reset during the Carmacks hydrothermal event (Smuk, 1997). Dyke margins are often brecciated and contain increased gold grade. The dykes have a distinctive aphanetic matrix with 5-30% phenocrysts of feldspar +/– quartz and occasionally biotite. Quartz phenocrysts are rounded "quartz eyes" of millimeter size while feldspar phenocrysts are angular and can be up to 2 cm long. Dyke compositions range from rhyolites to andesites.



NORTHERN FREEGOLD RESOURCES LTD.

Nucleus and Revenue Geology 2010 Drill Holes Property Outlines

Figure 6
May 19, 2011

0 250 500 Meters

Nucleus appears to be part of a much larger porphyry Cu ± Au ± Mo system recognized in the Revenue Zone and centred on the Revenue Breccia. Nucleus is perched on the western edge of the system and shows examples of higher level epithermal type features on its western side and at higher levels, while displaying porphyry style mineralization, alteration and metal content on its eastern edge and at greater depths. Further, the eastern side of Nucleus has metal signatures closer to those seen at Revenue such as increased Cu and Ag.

The different host rocks (metavolcanic, metaplutonic and metasedimentary, granitoids and higher level intrusions) with varying chemistry and mafic mineral content have added to the complications and may explain some of the metal zoning. The different rheology of the various rock types may control the form and amount of mineralization. Interestingly, the Granger Zone at Revenue most resembles Nucleus in mineralization and metal content and it is hosted largely in basement rocks while the rest of Revenue is within plutonic rocks.

The Carmacks hydrothermal event, also known as the "Big Flush" is postulated to have occurred during the late Cretaceous when the area was covered by outpouring of the Carmacks volcanic (Smuk et al, 1997). Underneath the layer of volcanics, circulating hydrothermal fluid cells were initiated as can be seen in Figure 7. This large movement of fluid reset older porphyry dykes and is responsible for porphyry mineralization in the Dawson Range. Nucleus could either have been formed during the Carmacks hydrothermal event which mineralized all older rocks (77-70Ma), or it could have seen multiple mineralization events between 107 and 70Ma caused by reactivation of the various fault systems and repeated intrusions of large plutons and higher level intrusions. In the Dawson Range, the Freegold Mountain area hosts numerous intrusions of different ages and any or all of them could have had an impact on mineralization.

CMX=Carmacks Volcanics, DRB=Dawson Range Batholith, YTT=Yukon Tanana Terrane. Credit: MDRU

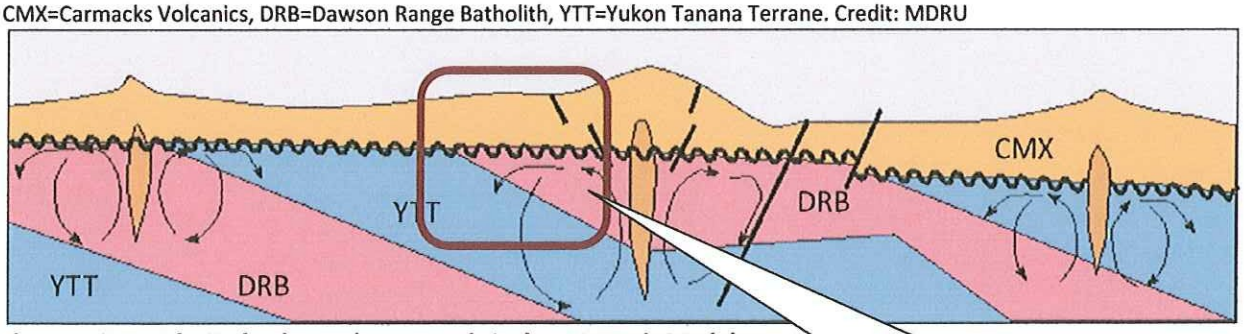


Figure 7 Carmacks Hydrothermal Event and Nucleus Deposit Model

An updated NI 43-101 resource was released for the Nucleus Deposit in February 2011. The new estimate included the 2010 drilling results and incorporates gold, silver and copper and can be seen on the following page.

Table 5 Mineral Resource Estimate for Nucleus Deposit

Indicated Resource

Au_Eq (g/t)		Au		Ag		Cu		Au_Eq	
Cut-off	Tonnes	Grade (g/t)	Ozs	Grade (g/t)	Ozs	Grade (ppm)	lbs	Grade (g/t)	Ozs
Waste (<0.1 g/t)	130,952,953	0.35	1,472,825	0.59	2,494,719	429	123,886,577	0.48	2,022,931
0.1 g/t	126,387,273	0.36	1,466,800	0.61	2,459,229	441	122,909,165	0.50	2,011,681
0.2 g/t	101,955,889	0.43	1,399,116	0.67	2,191,094	494	110,991,121	0.58	1,888,437
0.3 g/t	70,192,066	0.55	1,250,026	0.78	1,755,611	566	87,598,933	0.72	1,635,062
0.4 g/t	48,498,512	0.70	1,095,573	0.90	1,398,493	634	67,752,612	0.89	1,393,365
0.5 g/t	34,616,058	0.86	960,757	1.02	1,139,334	694	52,964,161	1.07	1,194,033
0.6 g/t	25,489,959	1.03	846,749	1.16	949,954	753	42,279,708	1.26	1,033,518
0.7 g/t	19,046,459	1.22	748,249	1.31	799,518	813	34,112,499	1.47	899,465
0.8 g/t	14,547,844	1.43	667,343	1.47	688,678	867	27,795,204	1.69	791,254
0.9 g/t	11,223,524	1.66	598,839	1.66	598,736	917	22,693,303	1.94	700,680
1 g/t	9,001,175	1.89	547,407	1.83	529,202	956	18,963,246	2.19	633,059
> 2 g/t	2,305,195	4.38	324,926	3.43	254,252	928	4,716,419	4.71	348,818

Inferred Resource

Au_Eq (g/t)		Au		Ag		Cu		Au_Eq	
Cut-off	Tonnes	Grade (g/t)	Ozs	Grade (g/t)	Ozs	Grade (ppm)	lbs	Grade (g/t)	Ozs
Waste (<0.1 g/t)	149,190,686	0.22	1,049,032	0.59	2,838,025	393.33	129,332,812	0.34	1,625,554
0.1 g/t	134,907,157	0.24	1,032,619	0.63	2,737,709	425.94	126,646,948	0.37	1,595,356
0.2 g/t	95,027,154	0.30	922,825	0.74	2,272,312	515.08	107,878,488	0.46	1,398,052
0.3 g/t	64,210,131	0.38	783,350	0.85	1,751,371	596.32	84,389,980	0.56	1,153,226
0.4 g/t	41,448,797	0.47	626,921	0.98	1,306,799	678.97	62,025,989	0.67	898,430
0.5 g/t	26,939,088	0.59	509,013	1.05	911,768	700.53	41,593,174	0.80	691,272
0.6 g/t	17,902,409	0.71	411,498	1.06	609,821	693.61	27,367,720	0.92	531,666
0.7 g/t	12,289,989	0.87	342,602	0.95	374,562	612.79	16,598,609	1.05	415,699
0.8 g/t	7,868,959	1.03	261,758	1.06	269,080	628.99	10,908,720	1.23	310,248
0.9 g/t	6,029,275	1.15	223,593	1.12	216,701	616.72	8,195,318	1.34	260,308
1 g/t	4,949,660	1.25	198,560	1.15	182,856	581.58	6,344,459	1.43	227,282
> 2 g/t	479,975	2.63	40,571	1.11	17,199	285.88	302,419	2.74	42,218

*Gold equivalent (AuEq) is calculated based upon prices of US$846/oz for gold, US$14.40/oz for silver, and US$3.31/lb for copper with no discount for metallurgical recovery in contained metal figures (Note: total contained AuEq values may not add exactly because of rounding)

3.3 Revenue Property Geology

The dominant rock types at Revenue are quartz monzonite and granodiorite bodies of the Dawson Range Batholith. The rocks are typical equigranular, medium-grained, salt and pepper granitoids that are locally porphyritic. There is a range in composition observed in thin section from a leucogranite through quartz monzonite to granodiorite. Much of this variation may be due to alteration, the granodiorite is the most common rock type seen in core. Fresh granodiorite typically has 10-20% hornblende and biotite with up to 5% disseminated magnetite.

In the western part of Revenue, Yukon Tanana metamorphic rocks are mostly found as roof pendants at higher elevations along the ridge running along the south side of Revenue and as sheared and deformed rocks along the path of the Big Creek fault which runs along Big Creek. In the northeastern part of Revenue, metamorphic rocks dominate and form a west to northwest swathe across the property (as seen in Figure 6).

The Jurassic Big Creek Syenite forms a large batholith in the southern part of Revenue and is not seen in drill holes. It is resistant to weathering, coarse grained and porphyritic, comprised primarily of orthoclase and hornblende. No syenite xenoliths have been seen in the younger Dawson Range Batholith, suggesting that the two units may be in fault contact.

A microgranite unit forms a resistive knoll on the ridge west of Revenue Creek. It is seen in core as narrow dykes and sills. Compositionally it is very felsic, composed of feldspar and quartz with occasional muscovite or biotite. The microgranite has not been dated but field relationships observed in core and its position in the stratigraphy suggest it is one of the younger units and slightly older than the porphyry dykes.

Porphyry dykes are not such an important unit at Revenue as they are at Nucleus. They do not seem to be associated with increased veining or have brecciated margins. The porphyry dykes are oriented at roughly northwest and are thought to represent zones of dilation and/or tension gashes as a result of a protracted brittle tectonic event. They have been dated at 105-107 Ma and 74-77 Ma (Bineli Betsi and Bennet, 2010). The dykes could belong to the Carmacks Group and the Mount Nansen Suite or they could be Mt. Nansen Suite dykes that were mineralized and reset during the Carmacks hydrothermal event (Smuk, 1999).

The Revenue Breccia is an ovoid breccia body located in the centre of Revenue, near the confluence of Revenue and Whirlwind Pup Creeks. It has a quartz feldspar porphyry composition and occurs as a coherent intrusive body, an autobrecciated magma and a milled breccia with rip up clasts of granodiorite and more rarely, metamorphic rocks. The breccia has been dated at 75 Ma (Bineli Betsi and Bennet, 2010).

Revenue is a Late Cretaceous Cu-Mo+/-Au porphyry style deposit with similarities to the large Casino Deposit (914 million tonnes of 0.237 g/t Au, 0.21% Cu and 0.0236% Mo of proven and probable mill ore reserves, 78 million tonnes of 0.427g/t Au and 0.062% copper of proven and probable heap leach ore and 1140 million tonnes of measured and indicated resource) and the smaller Cash Deposit (36 million tonnes of 0.2% Cu and 0.02% Mo).

The Carmacks hydrothermal event, also known as the "Big Flush" is postulated to have occurred during the late Cretaceous when the area was covered by outpouring of the Carmacks Volcanics (Smuk et al, 1997). Underneath the volcanic cap circulating hydrothermal fluid cells where initiated. This large movement of fluid reset older porphyry dykes and is responsible for porphyry mineralization in the Dawson Range (see Figure 8).

CMX=Carmacks Volcanics, DRB=Dawson Range Batholith, YTT=Yukon Tanana Terrane. Credit: MDRU

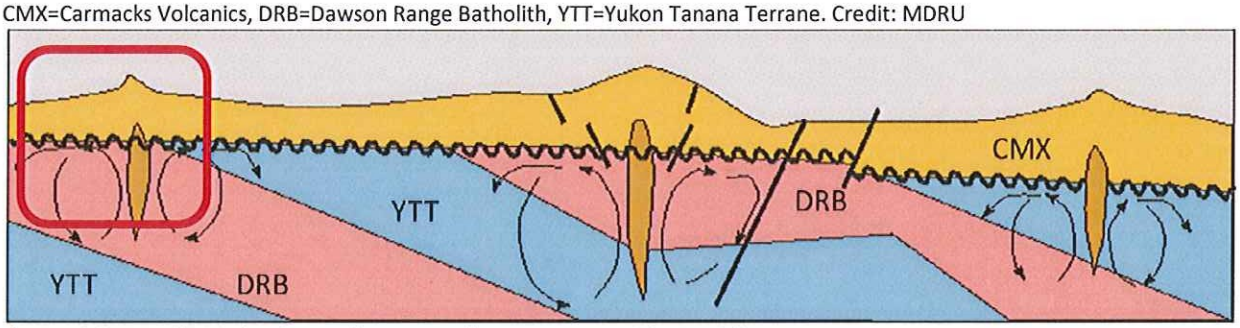


Figure 8 Carmacks Hydrothermal Event and Revenue Deposit Model

The red square marks the position of the Revenue Property. Large scale hydrothermal fluid flow creates porphyry deposits.

The bulk of mineralization in Revenue occurs as porphyry style veins, stockworks and disseminated sulphides hosted in the granodiorite and to a lesser extent the Revenue Breccia. Economic minerals are gold, copper and silver with lesser molybdenum and tungsten.

A target deposit was released for the Revenue Deposit in February 2011. The new estimate included the 2010 drilling results and incorporates gold, silver and copper with molybdenum and tungsten.

Table 6 Revenue Zone Target Deposit Potential

Range of Potential Tonnes	Potential Ounces of Gold (Grade)	Potential Ounces of Silver (Grade)	Potential Lbs of Copper (Grade)
40 to 110 Million	0.7 to 1.1 M Ozs (0.3 to 0.5 g/t)	5.0 to 10.0 M Ozs (2.7 to 3.7 g/t)	130 to 280 M lbs (0.11 to 0.14%)

Range of Potential Tonnes	Potential Lbs of Molybdenum (Grade)	Potential Lbs of Tungsten (Grade)
40 to 110 Million	9 to 18 M lbs (0.007 to 0.011%)	10 to 16 M lbs (0.006 to 0.011%)

4 Work History

4.1 Nucleus Property

Table 7: Summary of drilling on the Nucleus Property

Year	Company	Hole Type	Total Holes	Metres Drilled
1970	Kaiser Resources Ltd.	DDH	4	639.21
1970	Kaiser Resources Ltd.	Percussion	5	416.05
1984	NAT Joint Venture	DDH	3	294.44
1988	Big Creek Resources	Percussion	35	1328.16
1989	Big Creek Resources	DDH	6	592.09
1991	Big Creek Resources	DDH	5	738.53
2001	ATAC	DDH	6	2312.10
2004	ATAC	DDH	14	1832.01
2006	Northern Freegold Resources	DDH	26	4791.85
2007	Northern Freegold Resources	DDH	28	6336.90
2007	Northern Freegold Resources	RAB	32	1659.32
2008	Northern Freegold Resources	DDH	53	13287.45
2008	Northern Freegold Resources	RAB	28	1757.89
2009	Northern Freegold Resources	DDH	43	10430.88
2009	Northern Freegold Resources	RAB	21	1246.41
2010	Northern Freegold Resources	DDH	11	3105.92
2010	Northern Freegold Resources	RC	6	862.59
Total			**326**	**51631.8**

1968 Yukon Revenue Mines Ltd. staked a portion of the Nucleus zone as part of the larger property of Revenue. Until re-staking in 1980, Nucleus was explored as a zone of the Revenue Property, and as part of the now defunct Car and Com claims (Baird, 1968; Granger, 1970).

1970 In 1970 these claims were optioned along with the Revenue portion by Kaiser Resources Ltd. Kaiser Resources Ltd. drilled four diamond drill holes (639 m total) and five percussion holes (416 m total) on the Nucleus zone (Johnson, 1970).

1980-1984 Nat J.V. carried out grid and reconnaissance soil geochemistry, magnetic, and electromagnetic surveys, bulldozer trenching, and drilled three diamond drill holes (315 m total) on Nucleus Zone(Onasick & Archer, 1981; Eaton & Nelson, 1982; Eaton, 1983; Eaton, 1984).

1985-1991 Big Creek Resources Ltd. and Rexford carried out multi-element soil geochemical, magnetic and EM surveys, extensive mechanized trenching and drilled thirty-five RC holes (1283 m total) and eleven diamond drill holes (1330 m total) on Nucleus zone.

1986 NORDAC Mining Corp. carried out trenching and grid soil geochemical survey, and re-examined all pre-1985 drill holes (Eaton, 1986; Main, 1988; Becker & Eaton, 1991).

1996	YKR (originally Yukon Revenue) carried out ground magnetometry and VLF-EM surveys (Davis, 1996).
1999-2000	ATAC carried out structural mapping, excavator trenching, road construction, and line-cutting. They considered both Revenue and Nucleus as the same property under the name Golden Revenue (Becker, 2001).
2001	ATAC drilled six diamond drill holes (1202 m total), carried out 1092 m of excavator trenching, 16.9 line km of IP and 0.9 km of horizontal loop electromagnetic (HLEM) surveys on Nucleus zone (Becker, 2001).
2004	ATAC drilled fourteen diamond drill holes on Nucleus zone totaling 1858 m (Dumala, 2004).
2006	Northern Freegold Ltd. drilled twenty-six diamond drill holes (4798 m total) on Nucleus Zone, performed a petrographic alteration survey of the drilled holes, conducted a helicopter-borne domain electromagnetic geophysical survey over the project (Geotech Ltd, 2007) and performed a preliminary BLEG stream sediment sampling program (Robertson, 2007).
2007	Northern Freegold Resources Ltd. conducted exploratory work in the Nucleus zone including: twenty-eight diamond drill holes (6312 m total), infrared spectroscopic data of selected portions of the diamond and RAB drill holes, a petrographic alteration survey (Fonseca, 2008), limited prospecting and mapping, reprocessing of selected data from the 2001 IP survey and 2006 airborne surveys, 36 km line IP and geophysical rock characterization testwork. At the end of the field season an orthophoto (air photo) was taken over the entire project.
2008	Northern Freegold Resources Ltd. conducted exploratory work in the Nucleus zone including: fifty-three diamond drill holes (13287 m total) and twenty-eight RAB drill holes (1755 m total), infrared spectroscopic analyses of selected drill holes, limited prospecting and mapping (Tikhomirova, 2008), reprocessing of the 2006 magnetic and EM airborne surveys (Condor Consulting Ltd., 2009), production of a 3D chargeability survey, ground magnetic survey, and two radiometrics test lines (Aurora Geoscience, 2008). After the conclusion of the field season a preliminary resource calculation was carried out for the Nucleus deposit (Fonseca, 2009).
2009	Northern Freegold Resources Ltd. drilled forty-three diamond drill holes (10431 m total) and twenty one RAB holes (1246 m total), executed a property wide stream sediment sampling program (Lewis, 2009) and conducted outcrop mapping in both the Nucleus and Revenue Properties (Miller, 2010). Preliminary metallurgical testing for gold recovery was completed on coarse rejects from the 2009 Nucleus Drilling program (G&T Metallurgical Services Ltd., 2009). IP geophysics was done in the Nucleus zone and a ground magnetic and gamma-ray spectrometry survey was conducted across the Nucleus and Revenue Properties. A reinterpretation of property-wide 2006 helicopter borne VTEM and magnetics survey (Geotech, 2006) was also undertaken (Costantini,

2009). After the conclusion of the field season the resource calculation was updated for the Nucleus deposit by Geovector.

2010 Northern Freegold Resources Ltd. conducted a soil sampling program over the Revenue and Nucleus Properties covering about 25 square km during which 347 soil samples and 19 rock samples were collect (Lewis, 2010). Eleven diamond drill holes totaling 3105.92m and 6 RC holes totaling 862.59 m were drilled. A Titan-24 DC/IP Survey was also conducted and consisted of 13 lines, 5 km long spaced 500m apart over both Revenue and Nucleus. An updated resource incorporating gold, silver and copper was produced by GeoVector including inferred and indicated resources.

4.2 Revenue Property

Year	Company	Hole Type	Total Holes	Metres Drilled
1955	Teck Exploration	DDH	5	614.4
1965	Meridian Syndicate	DDH	3	165.48
1968	Yukon Revenue Mines Ltd.	DDH	5	706.53
1969	Yukon Revenue Mines Ltd.	DDH	5	551.69
1970	Kaiser Resources Ltd.	DDH	9	1290.97
1970	Kaiser Resources Ltd.	Percussion	20	1873.42
1980	Yukon Revenue Mines Ltd.	DDH	3	179.6
1984	Shakwak Exploration Co. Ltd.	DDH	9	628.12
1988	Big Creek Resources Ltd. and Rexford	DDH	2	295.6
1991	Big Creek Resources Ltd. and Rexford	DDH	11	1018.32
2006	Northern Freegold Resources Ltd.	RAB	58	2171.48
2007	Northern Freegold Resources Ltd.	RAB	84	2996.51
2007	Northern Freegold Resources Ltd.	DDH	8	1123.23
2010	Northern Freegold Resources Ltd.	DDH	5	1531.02
2010	Northern Freegold Resources Ltd.	RC	40	5634.21
Total			**267**	**20,780.58**

1950	P.F. Guder discovered gold-bearing chalcopyrite-pyrite lenses and explored the Discovery Zone area by a short adit and trenches.
1951	Conwest Exploration Ltd. carried out EM and resistivity surveys on the Discovery Zone.
1954	P.F. Guder staked the Happy claims over gold-bearing quartz float (Clark, 1954).
1954	Newkirk Mining Corp conducted an IP-Resistivity survey on Big Creek and Revenue Creek near the Discovery showing.
1954-1955	Teck Exploration carried out EM surveys and drilled five diamond drill holes (614 m total) on Discovery Zone.
1964	Guder re-staked the Happy claim area. (Dunn, 1965)
1964-1965	Meridian Syndicate carried out geochemical surveys and drilled three holes (165 m total) (Dunn, 1965).
1968-1970	Yukon Revenue Mines Ltd. carried out geochemical, magnetic and IP surveys, bulldozer trenching, road construction, and drilled ten diamond drill holes (1258 m total), mostly on Discovery Zone (Baird, 1968; Granger, 1970).
1970	Kaiser Resources Ltd. carried out grid soil geochemical and IP surveys, drilled twenty percussion drill holes (1873 m total) and nine diamond drill holes (1291 m total) on the Discovery Zone (Johnson A. A., 1970).

1974	Shakwak Exploration Co. Ltd. carried out mapping and geochemical sampling in the eastern part of the Happy Zone of the Revenue Property.
1974-1980	Yukon Revenue carried out bulldozer trenching and drilled three diamond drill holes (180 m total) on Discovery Zone (MacDonald, 1983; Wallis, 1983).
1976	Guder re-staked the Happy claims.
1978-1979	Yukon Revenue Mines Ltd. carried out hand trenching on the Happy Zone.
1982	Guder Mining Exploration Ltd. carried out trenching on the Happy Zone (Eaton W. D., 1983).
1983-1984	Shakwak Exploration Co. Ltd. carried out geochemical, magnetic, and EM surveys and drilled nine diamond drill holes (628 m) mostly on Discovery Zone (MacDonald, 1985; Wallis, 1983).
1985	NORDAC Mining Corporation along with Yukon Revenue Mines Ltd. conducted soil geochemistry and trenching (Cathro R. J., 1986). Metallurgy was completed on some of the Revenue mineralization (Wilson, 1985).
1985-1991	Big Creek Resources Ltd. and Rexford carried out multi-element soil geochemical, magnetic, and EM surveys, extensive mechanized trenching, and drilled thirteen diamond drill holes (1314 m total) on Discovery Zone (Becker & Eaton, 1991; Cathro M. , 1986).
1985-1986	Freegold Ventures carried out grid soil sampling in the eastern area (ACK claims).
1986	Guder Mining Exploration Ltd. carried out trenching in the Happy Zone.
1986	NORDAC Mining Corp. carried out trenching and grid soil geochemical survey, and re-examined all pre-1985 drill holes (Cathro R. J., 1986).
1993-2004	Harris and Associates Exploration (became Midnight Mines Ltd.) carried out prospecting, grid preparation, soil and rock sampling, magnetic and VLF-EM surveys, and hand trenching in areas of quartz-carbonate veining in felsic porphyry lithology along Happy Creek (McFaull, 1997).
1996	YKR (originally Yukon Revenue) carried out ground magnetometry and VLF-EM surveys (McFaull, 1997).
1999-2000	ATAC carried out structural mapping, excavator trenching, road construction, and line-cutting (Becker, 2001; Becker & Eaton, 1991).
2006	Northern Freegold Resources Ltd. conducted a project-wide airborne VTEM and magnetic survey (Geotech Ltd, 2007) of which Revenue was a part of. Minor silt and BLEG sampling along with fifty-eight RAB (Rotary air blast) holes totaling 2171 m was carried out on the property (Robertson R. , 2007).

2007 Eighty-four RAB holes totaling 2997 m and eight diamond drill holes totaling 1123 m, minor trench remapping, reconnaissance mapping and rock and MMI soil sampling were completed on the Revenue Property by Northern Freegold Resources Ltd. The 2007 program included aerial photography (1:20000 and 1:10000), digital mapping (1m contours) and orthophotography taken over the entire project area. Petrography and PIMA (portable infrared mineral analyzer) analysis was completed on selected drill core samples (Fonseca, 2007).

2009 Northern Freegold Resources Ltd. conducted a project wide stream sediment sampling program (Lewis, 2009), conducted outcrop mapping (Miller, 2009 End of Season Regional Report: Freegold Mountain Project, 2010) and a magnetic and gamma-ray spectrometry survey (Costantini, 2009) in both the Nucleus and Revenue Properties. A reinterpretation of property-wide 2006 helicopter borne VTEM and magnetic survey (Geotech, 2006) was also undertaken (Costantini, 2009).

2010 Northern Freegold Resources Ltd. conducted a soil sampling program over the Revenue and Nucleus Properties covering about 25 square km during which 347 soil samples and 19 rock samples were collect (Lewis, 2010). Five diamond drill holes totaling 1531.02 m and 40 RC holes totaling 5634.21 m were drilled. A Titan-24 DC/IP Survey was also conducted and consisted of 13 lines, 5 km long spaced 500m apart over both Revenue and Nucleus. An initial target deposit was calculated for the Revenue Zone by GeoVector including gold, silver, copper with molybdenum and tungsten.

5 2010 Diamond Drilling Program

Between June 11, 2010 and October 1, 2010, sixteen diamond drill holes were completed in the Revenue and Nucleus Zones by one diamond drill rig. These drill holes totaled 4636.94 meters in length. In addition to the diamond drill holes, forty six RC drill holes totaling 6496.80 meters were drilled on the Revenue and Nucleus Properties. The diamond drilling contractor was Kluane Drilling Ltd. of Whitehorse and the RC Drilling was contracted to Northspan Explorations Ltd. of Kelowna. A D-7 bulldozer was sub-contracted from H. Coyne and Sons Ltd. of Whitehorse to build drill sites and access roads as well as to move the drills.

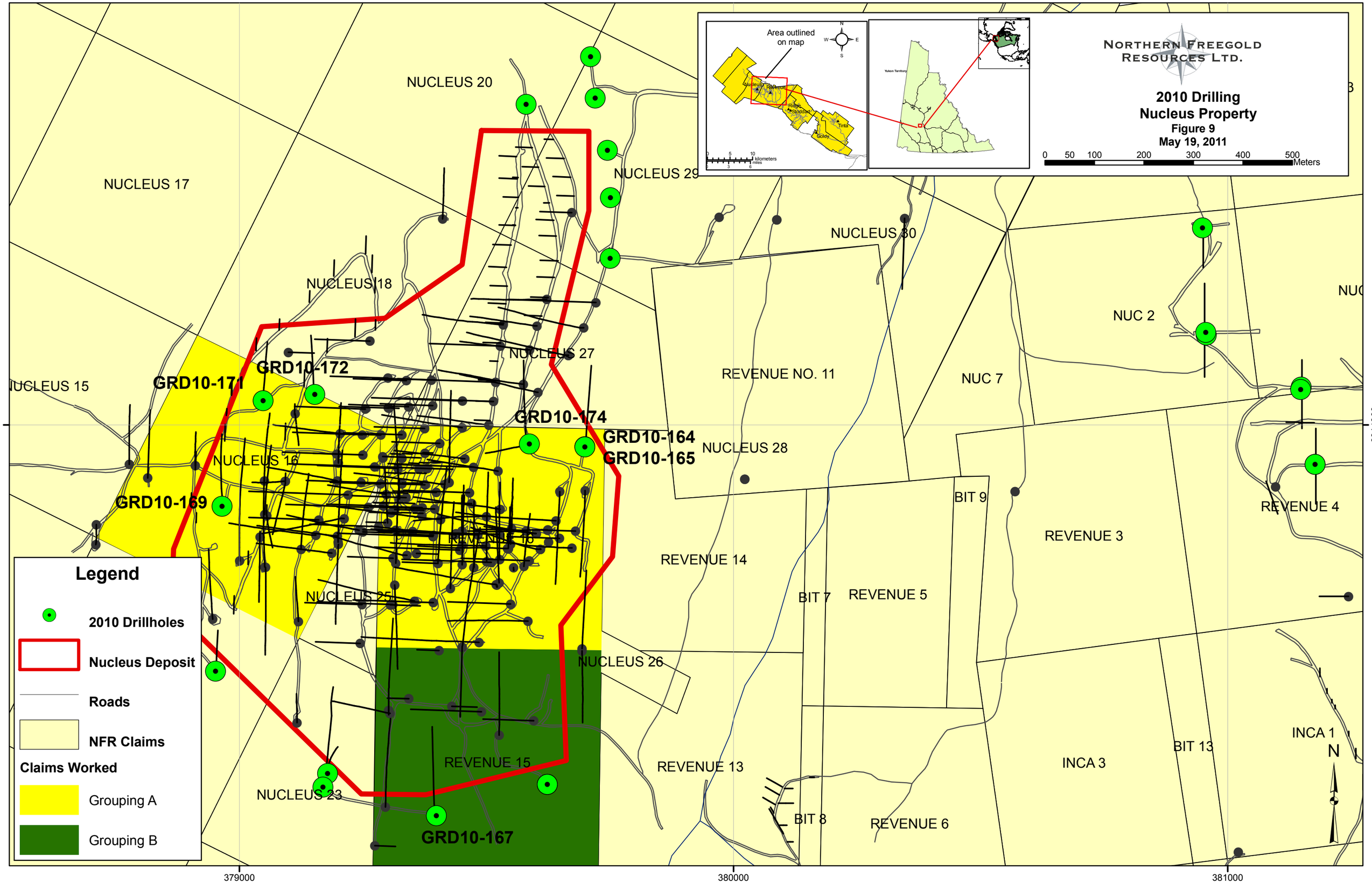
Diamond holes were drilled using NTW (thin wall) core size and minimal use of drill muds and other additives. The co-ordinates for the reported drill holes are listed in Table 8 and the locations shown in Figure 9 and Figure 10.

Average core recoveries are listed in Table 9. Lower recovery values generally associated with intensely oxidized zones occurring predominantly at the top of the hole or within heavily fractured or faulted zones.

Table 8: Drill hole locations

Hole ID	Easting*	Northing	Elevation	Total Depth (m)	UTM Azimuth	Dip°
Grouping A						
GRD10-164	379698.6	6913956	843.39	300.84	0	-55
GRD10-165	379698.5	6913955	843.26	280.42	0	-90
GRD10-169	378964.8	6913836	1006.77	323.09	0	-65
GRD10-171	379047.8	6914049	1006.84	350.52	0	-70
GRD10-172	379152.0	6914062	999.01	362.71	0	-70
GRD10-174	379586.3	6913961	873.68	308.76	0	-55
Grouping B						
GRD10-167	379398.3	6913210	866.71	310.59	0	-55
RVD10-009	381846.4	6913298	810.55	300.23	0	-60
RVD10-010	382296.5	6913359	799.66	350.52	225	-50
RVD10-011	382326.4	6913153	812.14	239.27	0	-65
RVD10-012	382907.0	6913073	904.22	340.77	0	-60
RVD10-013	382801.0	6913105	915.00	300.23	0	-75

*UTM Zone 8, NAD 83


Area outlined on map
Yukon Territory
Mulholland
Revenue
Ridge
Sloddart
Tintina
Goldy
0 5 10 kilometers
0 3 6 miles
NORTHERN FREEGOLD RESOURCES LTD.
2010 Drilling
Nucleus Property
Figure 9
May 19, 2011
0 50 100 200 300 400 500 Meters
NUCLEUS 20
NUCLEUS 17
NUCLEUS 29
NUCLEUS 30
NUCLEUS 18
NUCLEUS 27
NUCLEUS 15
GRD10-171
GRD10-172
GRD10-174
GRD10-164
GRD10-165
NUCLEUS 16
GRD10-169
NUCLEUS 25
NUCLEUS 26
NUCLEUS 23
GRD10-167
REVENUE NO. 11
NUC 2
NUC 7
NUCLEUS 28
BIT 9
REVENUE 4
REVENUE 3
REVENUE 14
BIT 7
REVENUE 5
REVENUE 15
REVENUE 13
BIT 8
REVENUE 6
INCA 3
BIT 13
INCA 1
N
Legend
2010 Drillholes
Nucleus Deposit
Roads
NFR Claims
Claims Worked
Grouping A
Grouping B
379000
380000
381000
6914000

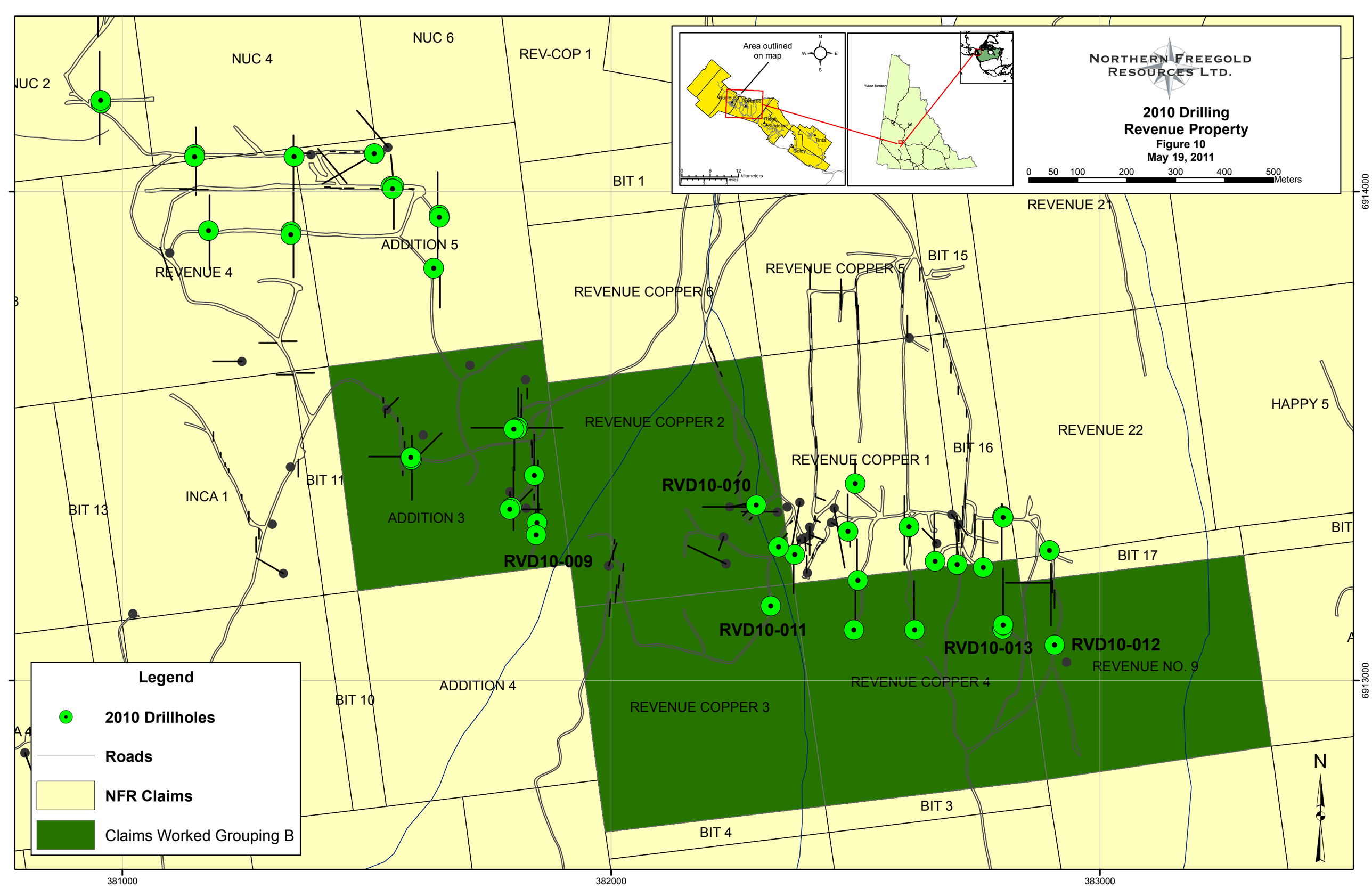

NUC 2
NUC 4
NUC 6
REV-COP 1
BIT 1
REVENUE 21
ADDITION 5
REVENUE 4
REVENUE COPPER 6
REVENUE COPPER 5
BIT 15
REVENUE COPPER 2
HAPPY 5
REVENUE 22
BIT 16
REVENUE COPPER 1
BIT 11
INCA 1
BIT 13
ADDITION 3
RVD10-010
RVD10-009
BIT 17
RVD10-011
RVD10-013
RVD10-012
REVENUE NO. 9
REVENUE COPPER 4
ADDITION 4
BIT 10
REVENUE COPPER 3
BIT 3
BIT 4
Area outlined on map
Quartet
Revenue
Rose
Sloddart
Tinta
Goldy
Yukon Territory
0 6 12 kilometers
0 3 6 miles
N
W
E
S
NORTHERN FREEGOLD RESOURCES LTD.
2010 Drilling
Revenue Property
Figure 10
May 19, 2011
0 50 100 200 300 400 500 Meters
Legend
2010 Drillholes
Roads
NFR Claims
Claims Worked Grouping B
N
381000
382000
383000
6914000
6913000

Table 9: Core recovery

Claim ID	Hole ID	Total Length (m)	Total Recovery (m)	Recovery %
Grouping A				
Revenue 16	GRD10-164	300.84	274.55	91.26
Revenue 16	GRD10-165	280.42	254.4	90.72
Nucleus 16	GRD10-169	323.09	300.81	93.10
Nucleus 16	GRD10-171	350.52	321.54	91.73
Nucleus 16	GRD10-172	362.71	328.08	90.45
Revenue 16	GRD10-174	308.76	263.28	85.27
Grouping B				
Revenue 15	GRD10-167	310.59	278.29	89.60
Addition 3	RVD10-009	300.23	259.31	86.37
Revenue Copper 2	RVD10-010	350.52	309.79	88.38
Revenue Copper 3	RVD10-011	239.27	223.87	93.56
Revenue No. 9	RVD10-012	340.77	314.66	92.34
Revenue Copper 4	RVD10-013	300.23	263.08	87.63

The drill core from all holes was cleaned, photographed and measured for core recovery and RQD. The core was logged and marked by the logging geologist for sampling by sawing or splitting. Sample intervals were chosen based on changes in mineralization, alteration and lithology. 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 for future reference and/or resampling. The core boxes are stored at the Revenue Camp and are currently stacked on pallets. Average sample lengths are listed in Table 10.

Table 10: Average sample lengths

Hole ID	Average Sample Length (m)
Grouping A	
GRD10-164	1.78
GRD10-165	1.71
GRD10-169	1.68
GRD10-171	1.59
GRD10-172	1.56
GRD10-174	1.67
Grouping B	
GRD10-167	1.60
RVD10-009	1.71
RVD10-010	1.80
RVD10-011	1.64
RVD10-012	1.73
RVD10-013	1.70

All core and chip samples were analyzed by ALS Chemex in Vancouver, British Columbia. Samples were transported by company vehicle and expeditor to the ALS Chemex preparation facility in Whitehorse. From there, the pulps were shipped to Vancouver for analysis.

Both the core and RC chips were assayed for gold by 30 g fire assay with an AA finish, followed by aqua regia digestion and ICP finish; samples that returned greater or equal to 1ppm Au were re-assayed by fire

assay/gravimetric finish. Other elements were analyzed by aqua regia digestion (ME-ICP41) with an ICP-AES finish. All sample batches included commercial standards and company blanks which were alternately inserted every tenth sample with additional QC samples inserted at the geologists' discretion. Material collected from outcrops of Bow Creek granite near the point where the Freegold Road crosses Seymour Creek was used as the blank for the diamond drill samples because this rock gives consistently low values in the elements of economic interest, is similar in hardness to the drill core and has proven to be adequate for testing in matters of possible contamination. The RC blanks were chosen from rotary air blast (RAB) drill samples from previous drill campaigns that are stored on site and contain low gold, copper, silver and molybdenum values. This material was chosen because it has a similar consistency to the RC samples and would undergo the same preparation methods as the regular samples.

5.1 Drill Hole Summaries, Grouping A

GRD10-164 and GRD10-165

GRD10-164 and GRD10-165 were drilled on the east side of Nucleus to fill in a large embayment in the 2010 NI 43-101 resource caused by limited drilling. GRD10-164 and GRD10-165, located on the same pad, intersected porphyry style mineralization holes with long copper zones and spotty gold mineralization (as shown in Plate 1).

Both holes are collared in schist which quickly transitions to microgranite for approximately the first 130 m. Both holes intersect an approximately 20 m wide quartz feldspar porphyry dyke that appears to be dipping to the north. This dyke contains increased sulphide veins and sulphides with a dendritic habit and shows an increase in copper mineralization. In hole GRD10-164 the mineralization appears more closely tied to the lithology as the dyke marks the boundary between the intrusive rocks and the schist while in GRD10-165 the copper mineralization is more evenly distributed between the dyke and the surrounding microgranite before transitioning into the schist. GRD10-164 continues in mineralization to the end of hole while values in GRD10-165 drop off below 232m. GRD10-164 is approaching the contact between the schist and the large microgranite intrusion located on the north side of the Deposit. Increased mineralization has been noted in other drill holes at this contact and may explain the increasing grade at the end of GRD10-164.

When compared to the 2009 drilling along section, there is a general decrease in gold mineralization and an increase in copper mineralization to the north. It should also be noted that although the tungsten mineralization appears to decrease in the 2010 drill holes, differing analysis methods may be the cause of the apparent lack of tungsten values.

Table 11: Significant results for GRD10-164 and GRD10-165

HOLE-ID	Length	From	To	Interval	Au	Ag	Cu	Au_eq[1]
	(m)	(m)	(m)	(m)	(g/t)	(g/t)	(%)	(g/t)
GRD10-164	300.84	18.00	32.00	14.00	0.85	1.64	0.02	0.93
		96.24	300.84	204.60	0.13	1.04	0.08	0.37
Incl.		96.24	110.00	13.76	0.35	0.85	0.13	0.72
and		114.00	143.60	29.60	0.11	1.39	0.19	0.64
and		214.00	220.00	6.00	0.45	0.90	0.05	0.60
and		232.56	238.00	5.44	0.40	1.32	0.08	0.65
and		278.25	300.84	22.59	0.19	1.47	0.08	0.44
GRD10-165	280.42	68.82	149.85	81.03	0.12	1.13	0.10	0.43
Incl.		80.00	89.06	9.06	0.10	1.34	0.20	0.67
and		123.00	138.00	15.00	0.41	2.24	0.14	0.81
		158.00	244.00	86.00	0.11	0.75	0.05	0.25
Incl.		159.45	165.00	5.55	0.24	1.48	0.11	0.55
and		192.72	196.78	4.06	0.34	2.52	0.11	0.67

[1] Gold equivalent (AuEq) is calculated based upon prices of US$846/oz for gold, US$14.40/oz for silver, and US$3.31/lb for copper with no discount for metallurgical recovery in contained metal figures

GRD10-174

GRD10-174, located 100m west of GRD10-164 and GRD10-165, contains lower copper and gold grades, rapidly alternating zones of schist and microgranite with very minor dykes and a marked increase in faulting and brecciation (as shown in Plate 2). This may be due to the close proximity to the schist/microgranite contact that on surface trends north parallel to the drill hole. GRD10-174 appears to mark the boundary between weakly elevated gold to the west and zones of increased copper to the east. Drilling from 2008 shows zones of continuous copper mineralization in holes that are located east of GRD10-174 and almost no copper mineralization in the holes located immediately to the west of GRD10-174.

Increases in copper mineralization correspond to spikes in bismuth but are not as closely related to gold. GRD10-174 ends in mineralization and was shut down as the target depth had been achieved and further drilling was problematic.

Table 12: Significant results for GRD10-174

HOLE-ID	Length	From	To	Interval	Au	Ag	Cu	Au_eq[1]
	(m)	(m)	(m)	(m)	(g/t)	(g/t)	(%)	(g/t)
GRD10-174	308.76	74.68	77.72	3.04	1.27	0.39	0.02	1.34
		82.50	108.00	25.50	0.20	0.66	0.04	0.31
		128.00	138.00	10.00	0.16	0.50	0.03	0.25
		168.86	191.00	22.14	0.11	0.67	0.03	0.21
		260.00	275.00	15.00	0.33	1.19	0.07	0.53
		288.00	307.00	19.00	0.15	0.73	0.04	0.27

[1] Gold equivalent (AuEq) is calculated based upon prices of US$846/oz for gold, US$14.40/oz for silver, and US$3.31/lb for copper with no discount for metallurgical recovery in contained metal figures

GRD10-169

GRD10-169 was drilled on the west side of Nucleus and intersected four massive sulphide horizons between 0.30 and 3 m wide with relatively unaltered schist in between (as shown in Plate 3). Gold, copper and silver values all increase in the sulphide zones. Copper mineralization in this area is poor; however the gold grade in GRD10-169 does start to increase below the lowest sulphide zone at 269m. Alteration increases along with copper, gold and bismuth values.

GRD10-169 is composed of almost entirely schistose material unlike nearby hole GRD09-161 which was drilled along strike to the south. This 2009 drill hole contains a large amount of brecciated and faulted material indicating that it may be drilled down a one of the roughly east-west trending faults shown on the plan map. While faults are often conduits for mineralization it is equally possible that sulphides have been removed from this area due to fault activity. It should also be noted that both holes end in increased gold mineralization and that deeper drilling may be required to test the mineralization potential in this portion of the Deposit.

Table 13: Significant results for GRD10-169

HOLE-ID	Length	From	To	Interval	Au	Ag	Cu	Au_eq[1]
	(m)	(m)	(m)	(m)	(g/t)	(g/t)	(%)	(g/t)
GRD10-169	323.09	266.20	269.50	3.30	0.65	0.88	0.12	0.98
		297.00	302.00	5.00	0.24	1.90	0.03	0.35
		316.20	323.09	6.89	0.35	2.29	0.04	0.49

[1] Gold equivalent (AuEq) is calculated based upon prices of US$846/oz for gold, US$14.40/oz for silver, and US$3.31/lb for copper with no discount for metallurgical recovery in contained metal figures

GRD10-171 and GRD10-172

GRD10-171 and GRD10-172 were drilled on the west/northwest side of Nucleus 100 m apart. GRD10-171 has scattered gold values down the hole with overall low copper values (as shown in Plate 4). There appears to be a short zone of supergene copper from 100 m to 135 m which corresponds to the end of the oxide zone and also contains a quartz feldspar porphyry dyke that has been hydrothermally brecciated as well as rapidly alternating zones of schist and microgranite. The hole intersected two sulphide zones close together at 170 m and 177 m which correlate to nearby GRD09-150, but only the first interval from 170.2-171.65 m showed an increase in mineralization.

GRD10-172 has overall low values except for a short gold zone from 36-54 m which is located around a quartz feldspar porphyry dyke (as shown in Plate 5). Overall, this hole contains more microgranite higher in the hole and less granite lower in the hole than GRD10-171. The expected sulphide zone intersection from GRD06-034 and GRD06-035 was not intersected but in the region of its expected intersection there was increased sulphide stockwork and veining. Arsenic is particularly high in the upper 150m of the hole, unlike GRD10-171 where arsenic is higher in the lower half of the hole.

Table 14: Significant results for GRD10-171

HOLE-ID	Length	From	To	Interval	Au	Ag	Cu	Au_eq[1]
	(m)	(m)	(m)	(m)	(g/t)	(g/t)	(%)	(g/t)
GRD10-171	350.52	102.00	106.68	4.68	0.38	0.41	0.10	0.65
		111.45	115.30	3.85	0.58	1.61	0.06	0.77
GRD10-172	362.71	39.30	49.85	10.55	0.36	1.30	0.01	0.41
		51.89	54.00	2.11	0.41	0.00	0.03	0.49
		78.00	80.16	2.16	0.41	1.90	0.01	0.47

[1] Gold equivalent (AuEq) is calculated based upon prices of US$846/oz for gold, US$14.40/oz for silver, and US$3.31/lb for copper with no discount for metallurgical recovery in contained metal figures

5.2 Drill Hole Summaries, Grouping B

GRD10-167

GRD10-167 was drilled on the southern boundary of the Nucleus deposit in order to test the extent of mineralization and expand the resource. The hole consists mostly of schist with minor microgranite and intrusions and spotty minor zones of brecciation (as shown in Plate 6). Gold grades are consistently low with minor spikes at 34.97 m of 1.36 g/t Au and at 88.24 m of 2.16 g/t Au. Copper mineralization is much more extensive with zones of anomalous copper from 19.4 m to 55.0 m at 0.03% Cu and from 117.35 to 214.0 m which includes zones from 117.35 m to 145.0 m at 0.13% Cu and from 190.30 m to 207.17 m at 0.14% Cu. This zone of increased copper mineralization corresponds to a strongly biotite altered quartz feldspar porphyry dyke –not typically seen in the Nucleus Zone. This dyke contained a visible increase in disseminated chalcopyrite and included quartz eyes that were also rimmed with chalcopyrite. Arsenopyrite was also noted and is reflected in the spike in arsenic between 182.14 m and 202.0 m. This dyke also contains a weak but consistent increase in gold and silver mineralization. It also marks the beginning of a general increase in bismuth, although an elevated zone of bismuth is also associated with the first copper anomaly from 19.4 m to 55.0 m. Copper mineralization remains elevated but sub-economic from 214.0 m to the end of the hole at 310.59 m.

Table 15: Significant results for GRD10-167

HOLE-ID	Length	From	To	Interval	Au	Ag	Cu	Au_eq[1]
	(m)	(m)	(m)	(m)	(g/t)	(g/t)	(%)	(g/t)
GRD10-167	310.59	19.40	55.00	35.60	0.25	0.60	0.03	0.35
		81.83	93.00	11.17	0.31	0.28	0.01	0.35
		117.35	214.00	96.65	0.11	1.79	0.10	0.41
Incl.		117.35	145.00	27.65	0.18	2.29	0.13	0.58
and		154.70	158.63	3.93	0.31	6.27	0.23	1.04
and		190.30	208.17	17.87	0.14	2.57	0.14	0.56

[1] Gold equivalent (AuEq) is calculated based upon prices of US$846/oz for gold, US$14.40/oz for silver, and US$3.31/lb for copper with no discount for metallurgical recovery in contained metal figures

RVD10-009

RVD10-009 was drilled in the Guder Zone to test the southern and western boundary of the Revenue Breccia, an intrusive breccias body trending east west across the Guder and Discovery Zones.

RVD10-009 is composed of granodiorite with sericitic and patchy weak potassic alteration (as shown in Plate 7). Mineralization occurs as disseminated chalcopyrite, pyrite and in stockwork sulphide veins. A preliminary examination of the veins has resulted in a vein classification consisting of five main vein types that are thought to occur in the following order:

Table 16 Revenue vein sequence*

Stage	Vein mineralogy	Vein features	Alteration mineralogy	Alteration features
1	Quartz+magnetite +/- (pyrite, chalcopyrite)	Wispy veinlets, occur in swarms. Not seen in breccia	Hematite?	Diffuse salmon pink selvage; no apparent feldspar alteration
2	Quartz+ biotite +/- (pyrite, chalcopyrite)	Wispy veinlets, commonly as swarms. Not seen in breccia	Biotite	Purple-brown phlogopitic biotite alteration; generally confined to vein selvages
3	Quartz +/- (molybdenite, chalcopyrite, pyrite, biotite/chlorite, pyrrhotite, scheelite, powellite, unknown sulphides	Typically 2-10mm, curvilinear to patchy, diffuse margins. Not seen in breccia?	Quartz (chlorite?)	Blotchy quartz replacement of host rock in vein selvages
4	Quartz +/- (molybdenite, chalcopyrite, pyrite, biotite/chlorite, pyrrhotite, scheelite, powellite, unknown sulphides	Sharp edges. May have biotite/chlorite selvage. Not seen in breccia?	quartz	
5	Carbonate + quartz +/-(pyrite, chalcopyrite)	Planar, often banded, creamy white to pink colour	Carbonate, sericite and clay	Wide alteration halo, at least 10X vein thickness; pervasive alteration of feldspars to pale green clay, sericitization of biotite, widespread carbonate alteration
6	Carbonate	Late stage veining. 1-2mm, planar, sheeted or stockwork. Multiple pulses.	None	

**modified from MDRU memo Sept 27, 2010*

All stages of veining are seen in granodiorite hosted drill holes, but the Revenue Breccia has so far only hosted the later stages of carbonate veining.

Copper mineralization in this hole is consistently elevated, especially between 207.0 m and 231.45 m. This zone occurs at the upper contact of the Revenue Breccia from 232.6 m to 243.50 m after which stockwork veins, potassic alteration and disseminated chalcopyrite decrease in variably altered granodiorite. Molybdenum values are consistently low as are tungsten values with only minor spikes near the top of the hole. Scheelite is present both disseminated and in veins but is most prevalent at the top of the hole.

Table 17: Significant results for RVD10-009

HOLE-ID	Length	From	To	Interval	Au	Ag	Cu	AuEq[1]	Mo	W	AuEq[2]
	(m)	(m)	(m)	(m)	(g/t)	(g/t)	(%)	(g/t)	(ppm)	(ppm)	(g/t)
RVD10-009	150.0	3.10	87.00	83.90	0.11	1.55	0.06	0.30	0.00	143.8	0.41
Incl.		65.60	83.82	18.22	0.16	2.46	0.10	0.49	44.4	229.6	0.74
		94.63	98.60	3.97	0.07	1.40	0.06	0.27	128.2	59.9	0.56
		103.94	231.45	127.51	0.13	1.59	0.08	0.38	48.9	37.3	0.50
Incl.		162.00	187.40	25.40	0.14	1.98	0.10	0.43	33.9	28.7	0.52
		207.00	231.45	24.45	0.17	2.07	0.10	0.49	68.0	0.00	0.62

[1] Gold equivalent (AuEq) is calculated based upon prices of US$846/oz for gold, US$14.40/oz for silver, and US$3.31/lb for copper with no discount for metallurgical recovery in contained metal figures

2 Gold equivalent (AuEq) as above and including molybdenum and tungsten metal prices: US$23.53/lb molybdenum, US$9.13/lb tungsten; no discount for metallurgical recovery in contained metal figures

RVD10-010

RVD10-010 was drilled to test the Revenue Breccia - granodiorite contact and follow-up encouraging results in the breccia from historic drill holes GRD68-05 and 69-01. Located on a slump on the east bank of Revenue Creek, the upper 69 meters is composed of reworked overburden (intrusive breccia) and frequent ice filled cavities. Casing was required down to 68.58 m with bedrock starting at 69.49 m. The Revenue Breccia carries spotty mineralization consisting of pyrite, chalcopyrite and fine grained sulphides in both the clasts and matrix, usually concentrated in zones of strong alteration, but lacks veining.

Copper mineralization is sporadic in the breccia. Weakly elevated copper was noted within the first 25 m in the slump material, then again from 79 m to 135.90 m in the breccia. This increased zone of copper begins in a fault breccia and continues throughout the Revenue Breccia with only minor faulting (as can be seen in Plate 8). A small sulphide zone from 130.25 m to 132.0 m contains about 15% sulphides and contains the highest values from this hole for gold, silver, tungsten and copper.

Another zone of increased copper mineralization from 271.05 m to 281.0 m of 0.1% Cu in the breccia is located just above the breccia – granodiorite contact. At the contact, the mineralization increases for gold, copper, silver, tungsten and molybdenum, likely contained in stockwork veins.

Table 18: Significant results for RVD10-010

HOLE-ID	Length	From	To	Interval	Au	Ag	Cu	AuEq[1]	Mo	W	AuEq[2]
	(m)	(m)	(m)	(m)	(g/t)	(g/t)	(%)	(g/t)	(ppm)	(ppm)	(g/t)
RVD10-010	350.52	111.00	135.90	24.90	0.45	3.57	0.18	1.00	43.8	187.3	1.23
Incl.		130.25	135.90	5.65	1.83	10.46	0.62	3.69	57.8	262.1	3.99
		271.05	281.00	9.95	0.07	1.22	0.10	0.36	0.0	0.0	0.37
		308.40	340.70	32.30	0.17	2.61	0.12	0.54	117.8	91.7	0.83
Incl.		308.40	321.75	11.35	0.31	4.74	0.22	0.98	266.3	177.0	1.62

[1] Gold equivalent (AuEq) is calculated based upon prices of US$846/oz for gold, US$14.40/oz for silver, and US$3.31/lb for copper with no discount for metallurgical recovery in contained metal figures

[2] Gold equivalent (AuEq) as above and including molybdenum and tungsten metal prices: US$23.53/lb molybdenum, US$9.13/lb tungsten; no discount for metallurgical recovery in contained metal figures

RVD10-011

RVD10-011 was drilled to test the southern boundary of the Revenue Breccia and to drill under surface showings of malachite and azurite. The hole is collared in granodiorite with disseminated pyrite, pyrrhotite and blebby chalcopyrite (as seen in Plate 9). Veins contain quartz with a fine dark material, some of which are magnetic. Disseminated pyrrhotite and possible magnetite result in elevated magnetic susceptibility values until about 105 m before decreasing as the granodiorite – breccia contact is approached. Copper mineralization is elevated but sub-economic from the start of the hole until 85.0 m. At the beginning of the hole there is a good correlation between the molybdenum and tungsten values however tungsten stops abruptly at 92.96 m. There is no visible change or in composition or structural controls noted in the core at this boundary.

The granodiorite – breccia contact is marked by a quartz feldspar porphyry intrusion with faulting noted at the lower contact. Copper mineralization increases slightly across the dyke, and then drops off sharply before increasing again between 141.0 m to 153.0 m with 0.07% Cu and from 163.0 m to 171.0 m at 0.10% Cu. The drill hole ends in a zone of increased molybdenum and a minor interval of increased gold.

Table 19: Significant results for RVD10-011

HOLE-ID	Length	From	To	Interval	Au	Ag	Cu	AuEq[1]	Mo	W	AuEq[2]
	(m)	(m)	(m)	(m)	(g/t)	(g/t)	(%)	(g/t)	(ppm)	(ppm)	(g/t)
RVD10-011	239.27	85.00	112.25	27.25	0.12	1.89	0.08	0.35	51.4	115.3	0.54
Incl.		96.01	101.30	5.29	0.28	3.27	0.13	0.69	92.2	0.0	0.86
		122.00	126.23	4.23	0.13	1.84	0.07	0.35	109.7	0.0	0.56
		163.00	171.00	8.00	0.16	0.99	0.10	0.43	0.0	0.0	0.43

[1] Gold equivalent (AuEq) is calculated based upon prices of US$846/oz for gold, US$14.40/oz for silver, and US$3.31/lb for copper with no discount for metallurgical recovery in contained metal figures

[2] Gold equivalent (AuEq) as above and including molybdenum and tungsten metal prices: US$23.53/lb molybdenum, US$9.13/lb tungsten; no discount for metallurgical recovery in contained metal figures

RVD10-012

RVD10-012 was drilled on the eastern extent of the Revenue Zone to test the eastern boundary of the Revenue Breccia and to follow up on promising results from the RC drilling. RVD10-012 was collared in granodiorite which continues to 215.69 m before transitioning to Revenue Breccia for the remainder of the hole (as seen in Plate 10). Copper mineralization is elevated and very consistent over the entire length of the hole including across the granodiorite-breccia boundary. Gold values are very low for most of the hole, however at the granodiorite –breccia contact there is an increase in gold mineralization from 231.0 m to 237.17 m. Silver values, while still low, are elevated with respect to the other diamond drill holes in the 2010 program. Silver appears to correlate well with gold. Tungsten and molybdenum values are also of note in this drill hole. Molybdenum values increase at 183.5 m and continues to about 325 m. The tungsten also increases towards the end of the hole starting at 225 m and dropping off again at 325 m along with the molybdenum and the gold. The copper values however increase at the end of the hole and a weak increase is also noted in the silver values.

Mineralization consists of pyrite, chalcopyrite and scheelite, much of it in veins but also disseminated in the core. The breccia is quite highly mineralized at the top with abundant pyrite, chalcopyrite and scheelite along with accessory molybdenite and an unknown black mineral that may be a silver or copper sulphosalt.

Table 20: Significant results for RVD10-012

HOLE-ID	Length	From	To	Interval	Au	Ag	Cu	AuEq[1]	Mo	W	AuEq[2]
	(m)	(m)	(m)	(m)	(g/t)	(g/t)	(%)	(g/t)	(ppm)	(ppm)	(g/t)
RVD10-012	340.77	5.00	13.00	8.00	0.18	2.88	0.09	0.48	54.5	40.0	0.61
		110.00	119.00	9.00	0.24	2.13	0.08	0.50	0.0	0.0	0.50
		127.26	135.32	8.06	0.10	1.96	0.06	0.31	0.0	0.0	0.31
		158.53	265.00	106.47	0.24	1.59	0.06	0.44	133.7	168.3	0.81
Incl.		213.00	237.17	24.17	0.60	2.67	0.05	0.80	269.9	190.9	1.45
		241.00	253.00	12.00	0.29	2.25	0.10	0.60	97.7	182.5	0.92
		269.00	340.77	71.77	0.09	1.54	0.06	0.28	127.8	259.2	0.72
Incl.		294.00	298.35	4.35	0.11	2.47	0.07	0.33	0.0	500.9	0.71
and		317.00	332.00	15.00	0.20	2.81	0.14	0.63	254.3	212.3	1.27

[1] Gold equivalent (AuEq) is calculated based upon prices of US$846/oz for gold, US$14.40/oz for silver, and US$3.31/lb for copper with no discount for metallurgical recovery in contained metal figures

[2] Gold equivalent (AuEq) as above and including molybdenum and tungsten metal prices: US$23.53/lb molybdenum, US$9.13/lb tungsten; no discount for metallurgical recovery in contained metal figures

RVD10-013

RVD10-013 was drilled to follow up on RC results and test the southern boundary of the Revenue Breccia. The entire hole is granodiorite except for a few short dykes and a fault and silicified infill breccia from 36.7 m to 45.1 m (as shown in Plate 11). No breccia was encountered in this hole, which was unexpected because an RC hole collared on the same pad and drilled at the same azimuth but with a shallower dip had intersected breccia. Interpretation suggests that the east end of the Revenue Breccia may be offset in the order of 100m to the south in this area.

Gold mineralization is sporadic but like RVD10-012 appears to correlate well with silver mineralization. Copper values are elevated and consistent throughout the entire hole with the highest values occurring just beyond the lower contact of a minor felsic intrusive from 236.50 m to 247.55 m. Unlike the nearby RC holes and RVD10-012 the molybdenum and tungsten values are very low or below detection suggesting that at this end of the breccia, these minerals are more likely to be associated with the breccia rather than the granodiorite.

Mineralization again occurs in stockwork veins as described in RVD10-009 with the most common sulphides being pyrite, pyrrhotite and chalcopyrite. Dark quartz, biotite and magnetite veins were observed, often occurring in swarms and associated with silicification and biotite flooding which is thought to be an early event.

Table 21: Significant results for RVD10-013

HOLE-ID	Length	From	To	Interval	Au	Ag	Cu	AuEq[1]	Mo	W	AuEq[2]
	(m)	(m)	(m)	(m)	(g/t)	(g/t)	(%)	(g/t)	(ppm)	(ppm)	(g/t)
RVD10-013	350.00	131.50	137.50	6.00	0.16	1.23	0.05	0.33	0.0	53.3	0.37
		174.00	192.90	18.90	0.21	0.67	0.04	0.32	0.0	0.0	0.32
		203.85	211.70	7.85	0.15	1.63	0.08	0.40	56.7	0.0	0.50
		219.65	223.65	4.00	0.38	2.45	0.07	0.61	0.0	0.0	0.60
		236.50	247.55	11.05	0.27	3.34	0.16	0.77	0.0	0.0	0.77
		256.40	261.80	5.40	0.22	2.00	0.09	0.49	0.0	0.0	0.49
		268.80	278.00	9.20	0.12	2.06	0.06	0.31	0.0	0.0	0.31

[1] Gold equivalent (AuEq) is calculated based upon prices of US$846/oz for gold, US$14.40/oz for silver, and US$3.31/lb for copper with no discount for metallurgical recovery in contained metal figures

[2] Gold equivalent (AuEq) as above and including molybdenum and tungsten metal prices: US$23.53/lb molybdenum, US$9.13/lb tungsten; no discount for metallurgical recovery in contained metal figures

6 Conclusions and Recommendations for Future Work

6.1 Nucleus Property

There are two highlights of the 2010 drilling program in Nucleus. The first is the long copper and gold intervals interested in GRD10-164 and GRD10-165 on the eastern side of Nucleus. These holes were drilled to fill in a major embayment in the Nucleus block model and produced long intersections of copper and gold. They also provided evidence of a connection to the Revenue porphyry. The second highlight is the southern area of Nucleus represented by holes GRD10-167, GRD10-168 and GRD10-173. GRD10-168 had the best gold values of the program, but GRD10-173, which was drilled deeper than and south of GRD10-168, produced a long copper intersection typical of porphyries at the end of the hole. These holes are located 125m away from other holes and should produce a significant increase in the resource at Nucleus, opening up the south end to further drilling.

The 2010 drill program was successful in expanding the Nucleus Deposit resource and confirming its continuity. The updated resource completed in February of 2011 shows that mineralization begins at surface and is open to expansion laterally and at depth. The resource only tests the upper reaches of a high chargeability and high conductivity zone identified by the deep IP survey completed in 2010.

Nucleus is only a small part of a large, high chargeability ring encompassing both the Nucleus and Revenue properties. The most striking feature of the deep IP survey was a large oval of high chargeability surrounding an area of low chargeability. This pattern is consistent down to 400m ASL (minimum of 400m below ground level). The chargeability is similar in extent to the large copper and gold soil anomalies. This ring of chargeability is typical of the sulphide halo around a porphyry deposit.

A program of deep (400-500m) holes totaling a minimum of 4,000 covering the eastern and southern sides of Nucleus is recommended.

6.2 Revenue Property

Drilling in the Revenue Zone was designed to test the copper-gold porphyry potential of the Revenue Property and to establish the mineralization potential along the southern boundary of the Revenue Breccia-granodiorite contact. The 2010 program led to the calculation of a target deposit for the Revenue property. A target resource is conceptual in nature and will need to be drilled more thoroughly to delineate a mineral resource.

The objective of the 2010 drill program was met in Revenue. It is a porphyry deposit, complete with multiple pulses of mineralization, an explosive breccia and a series of porphyry dykes. The breccia contact remains the most productive zone but a promising zone is shaping up in Guder Target between holes RVD10-009 and GRDR91-10. The possible extension of this area to the southeast could not be tested in 2010 because it was impassable to road-based drills.

Mineralization in the Revenue Breccia is concentrated along the southern contact with the granodiorite. Although the breccia contains widespread disseminate pyrite and chalcopyrite it does not show consistent mineralization. Increased copper and gold values appear to parallel the southern contact especially in the south eastern portion of the breccia body. Elevated copper and gold values are noted

to occur within about 50m of the contact in both the breccia and the granodiorite. Mineralization is also elevated in zones with increased faulting and at contact margins of the breccia and granodiorite as well as with finer grained intrusions such as dykes or microgranites.

A minimum of 10,000m of drilling is recommended in Revenue. The drilling should be sufficiently systematic to upgrade the target deposit into an inferred resource as well as testing the deeper potential of the system and chargeability anomalies recorded by the deep IP survey.

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Certificates

I, DEBORAH JAMES, of the City of North Vancouver, in the Province of British Columbia, HEREBY CERTIFY:

1. That I am a geologist and that I worked at the property from June to October in 2006, May to October in 2007, April to October in 2008 and May to October in 2010.

2. That I am a graduate of the University of British Columbia (B.Sc. Geology, 1998).

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 Ltd. (2007) which conducts the fieldwork at the Freegold Mountain Project for Northern Freegold Resources Ltd.

SIGNED at Vancouver, B.C. this 25th day of May, 2011.



Deborah James

I, KATIE DODD, of the City of Vancouver, in the Province of British Columbia, HEREBY CERTIFY:

1. That I am a geologist and that I worked at the property from May to September in 2009 and May to September in 2010.

2. That I am a graduate of Simon Fraser University (B.Sc. Earth Sciences, 2001).

3. That I have been engaged in mineral exploration and development on a full time basis for eight years.

4. That I am an employee of Bushmaster Exploration Services Ltd. which conducts the fieldwork at the Freegold Mountain Project for Northern Freegold Resources Ltd.

SIGNED at Vancouver, B.C. this 25th day of February, 2010.



Katie Dodd

Statement of Costs

Table 22: Total cost per hole by claim

Claim ID	Grouping	Drill hole	Metres Drilled	Cost of Hole
Nucleus 16	Grouping A	GRD10-169	323.09	45,132.62
Nucleus 16	Grouping A	GRD10-171	350.52	43,943.30
Nucleus 16	Grouping A	GRD10-172	362.71	45,304.97
Total:			**1036.32 m**	**$134,380.89**
Revenue 16	Grouping A	GRD10-164	300.84	35,092.71
Revenue 16	Grouping A	GRD10-165	280.42	33,287.77
Revenue 16	Grouping A	GRD10-174	308.76	44,900.43
Total:			**890.02**	**$113,280.91**
Revenue 15	Grouping B	GRD10-167	310.59	39,796.3
Total:			**310.59**	**$39,796.3**
Addition 3	Grouping B	RVD10-009	300.23	37,541.53
Total:			**300.23**	**$37,541.53**
Revenue Copper 2	Grouping B	RVD10-010	350.52	53,655.19
Total:			**350.52**	**$53,655.19**
Revenue Copper 3	Grouping B	RVD10-011	239.27	28,667.04
Total:			**239.27**	**$28,667.04**
Revenue No. 9	Grouping B	RVD10-012	340.77	48,858.27
Total:			**340.77**	**$48,858.27**
Revenue Copper 4	Grouping B	RVD10-013	300.23	40,345.56
Total:			**300.23**	**$40,345.56**
Grand Total:			**3767.95 m**	**$496,525.69**

Kluane Drilling Ltd.
14 MacDonald Rd., Whitehorse, Yukon Y1A 4L2
Tel: (867) 633-4800 Fax: (867) 633-3641
kluanedrilling@nothwestel.net

CLIENT:	Bushmaster Exploration Services
CONT #	0
RIG #	KD-1
HOLE #	GRD-10-164
FROM:	29-Jun-2010
TO:	6-Jul-2010
METERS DRILLED	301.14
COST OF HOLE	**$35,092.71**

CASING AND DRILLING CHARGEABLES

SIZE	METERS	DEPTH FROM	TO	METERS DRILLED	RATE P/M	TOTAL (CAD)
NW	6.10	0	30	6.10	88.00	536.45
NTW	295.05	0	300	294.21	105.00	30,891.92
		300	500	0.84	113.00	94.65
TOTAL CASING AND DRILLING CHARGEABLES						**31,523.02**

HOURLY CHARGEABLES

DESCRIPTION		TOTAL SHOTS	TOTAL HOURS	RATE P/H	TOTAL (IN CAD)
MOVING	OVER 0.0 HR/MOVE		3.50	100.00	350.00
REAMING			1.00	180.00	180.00
STABILIZATION			1.50	180.00	270.00
WATER SUPPLY			8.50	100.00	850.00
DOWN HOLE SURVEY			1.50	180.00	270.00
TRAVEL	OVER 1.0 HR/SH		3.00	100.00	300.00
HOLE CONDITIONING			2.00	180.00	360.00
TOTAL HOURLY CHARGEABLES					**2,580.00**

CONSUMABLES, EQUIPMENT AND OTHER SUPLIES

DESCRIPTION	QTY.		TOTAL (IN CAD)
ROD GREASE (17KG)	2	114.90	229.80
EXTREME NUMBER ONE 15KG	2	178.00	356.00
LUBTUB 20KG	1	109.80	109.80
THREAD LUBE	1	165.00	165.00
PLUS 15%			129.09
TOTAL CONSUMABLES, EQUIPMENT AND OTHER SUPLIES			**989.69**

OTHER CHARGEABLES

DESCRIPTION	TIME BASIS	UNITS ITEMS	RATE PER UNIT / ITEM	TOTAL (IN CAD)
TOTAL OTHER CHARGEABLES				**0.00**

SUMMARY OF CHARGEABLES

CASING AND DRILLING CHARGEABLES	31,523.02
HOURLY CHARGEABLES	2,580.00
CONSUMABLES, EQUIPMENT AND OTHER SUPLIES	989.69
OTHER CHARGEABLES	0.00
TOTAL BEFORE TAXES	**35,092.71**

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CLIENT:	Bushmaster Exploration Services
CONT #	0
RIG #	KD-1
HOLE #	GRD-165
FROM:	3-Jul-2010
TO:	8-Jul-2010
METERS DRILLED	280.72
COST OF HOLE	**$33,287.77**

CASING AND DRILLING CHARGEABLES

SIZE	METERS	DEPTH FROM	TO	METERS DRILLED	RATE P/M	TOTAL (CAD)
NW	4.57	0	30	4.57	88.00	402.34
NTW	276.15	0	300	276.15	105.00	28,995.62
TOTAL CASING AND DRILLING CHARGEABLES						**29,397.96**

HOURLY CHARGEABLES

DESCRIPTION		TOTAL SHOTS	TOTAL HOURS	RATE P/H	TOTAL (IN CAD)
MOVING	OVER 0.0 HR/MOVE		1.00	100.00	100.00
REAMING			3.00	180.00	540.00
STABILIZATION			8.00	180.00	1,440.00
WATER SUPPLY			1.00	100.00	100.00
DOWN HOLE SURVEY			1.50	180.00	270.00
HOLE CONDITIONING			5.00	180.00	900.00
TOTAL HOURLY CHARGEABLES					**3,350.00**

CONSUMABLES, EQUIPMENT AND OTHER SUPLIES

DESCRIPTION	QTY.		TOTAL (IN CAD)
ROD GREASE (17KG)	2	114.90	229.80
LINSEED SOAP (23KG)	1	84.60	84.60
TORQ-EEZ- 20L PAIL	1	155.00	155.00
PLUS 15%			70.41
TOTAL CONSUMABLES, EQUIPMENT AND OTHER SUPLIES			**539.81**

OTHER CHARGEABLES

DESCRIPTION	TIME BASIS	UNITS ITEMS	RATE PER UNIT / ITEM	TOTAL (IN CAD)
TOTAL OTHER CHARGEABLES				**0.00**

SUMMARY OF CHARGEABLES

CASING AND DRILLING CHARGEABLES	29,397.96
HOURLY CHARGEABLES	3,350.00
CONSUMABLES, EQUIPMENT AND OTHER SUPLIES	539.81
OTHER CHARGEABLES	0.00
TOTAL BEFORE TAXES	**33,287.77**

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CLIENT: **Bushmaster Exploration Services**
CONT # **0**
RIG # **KD-1**

HOLE # **GRD-169**
FROM: **22-Jul-2010**
TO: **31-Jul-2010**
METERS DRILLED **327.66**

COST OF HOLE **$45,132.62**

CASING AND DRILLING CHARGEABLES

SIZE	METERS	DEPTH FROM	TO	METERS DRILLED	RATE P/M	TOTAL (CAD)
NW	**4.57**	0	30	4.57	88.00	**402.34**
NTW	**323.09**	0	300	300.00	105.00	**31,500.00**
		300	500	23.09	113.00	**2,608.94**
TOTAL CASING AND DRILLING CHARGEABLES						**34,511.28**

HOURLY CHARGEABLES

DESCRIPTION		TOTAL SHOTS	TOTAL HOURS	RATE P/H	TOTAL (IN CAD)
MOVING	OVER 0.0 HR/MOVE		5.00	100.00	**500.00**
REAMING			23.50	165.00	**3,877.50**
WATER SUPPLY			31.00	100.00	**3,100.00**
DOWN HOLE SURVEY			2.50	165.00	**412.50**
TRAVEL	OVER 1.0 HR/SH		2.00	100.00	**200.00**
HOLE CONDITIONING			11.00	165.00	**1,815.00**
TOTAL HOURLY CHARGEABLES					**9,905.00**

CONSUMABLES, EQUIPMENT AND OTHER SUPLIES

DESCRIPTION	QTY.		TOTAL (IN CAD)
ROD GREASE (17KG)	1	114.90	**114.90**
EXTREME NUMBER ONE 15KG	1	178.00	**178.00**
SUPER G-GOLD	1	165.00	**165.00**
SUPER G-BLUE	1	165.00	**165.00**
PLUS 15%			**93.44**
TOTAL CONSUMABLES, EQUIPMENT AND OTHER SUPLIES			**716.34**

OTHER CHARGEABLES

DESCRIPTION	TIME BASIS	UNITS ITEMS	RATE PER UNIT / ITEM	TOTAL (IN CAD)
TOTAL OTHER CHARGEABLES				**0.00**

SUMMARY OF CHARGEABLES

CASING AND DRILLING CHARGEABLES	**34,511.28**
HOURLY CHARGEABLES	**9,905.00**
CONSUMABLES, EQUIPMENT AND OTHER SUPLIES	**716.34**
OTHER CHARGEABLES	**0.00**
TOTAL BEFORE TAXES	**45,132.62**

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CLIENT: **Bushmaster Exploration Services**
CONT # **0**
RIG # **KD-1**

HOLE # **GRD-10-171**
FROM: **3-Aug-2010**
TO: **10-Aug-2010**
METERS DRILLED **353.57**

COST OF HOLE **$43,943.30**

CASING AND DRILLING CHARGEABLES

SIZE	METERS	DEPTH FROM	TO	METERS DRILLED	RATE P/M	TOTAL (CAD)
NW	**6.10**	0	30	6.10	88.00	**536.45**
NTW	**347.47**	0	300	296.95	105.00	**31,179.96**
		300	500	50.52	113.00	**5,708.76**
TOTAL CASING AND DRILLING CHARGEABLES						**37,425.17**

HOURLY CHARGEABLES

DESCRIPTION		TOTAL SHOTS	TOTAL HOURS	RATE P/H	TOTAL (IN CAD)
MOVING	OVER 0.0 HR/MOVE		8.00	100.00	**800.00**
REAMING			3.50	165.00	**577.50**
STABILIZATION			1.50	165.00	**247.50**
WATER SUPPLY			8.50	100.00	**850.00**
DOWN HOLE SURVEY			4.00	165.00	**660.00**
HOLE CONDITIONING			12.50	165.00	**2,062.50**
CLIENT SAFETY MEETING			0.50	100.00	**50.00**
TOTAL HOURLY CHARGEABLES					**5,247.50**

CONSUMABLES, EQUIPMENT AND OTHER SUPLIES

DESCRIPTION	QTY.		TOTAL (IN CAD)
BLUE	4	165.00	**660.00**
GOLD	2	165.00	**330.00**
ROD GREASE (17KG)	1	114.90	**114.90**
PLUS 15%			**165.74**
TOTAL CONSUMABLES, EQUIPMENT AND OTHER SUPLIES			**1,270.64**

OTHER CHARGEABLES

DESCRIPTION	TIME BASIS	UNITS ITEMS	RATE PER UNIT / ITEM	TOTAL (IN CAD)
TOTAL OTHER CHARGEABLES				**0.00**

SUMMARY OF CHARGEABLES

CASING AND DRILLING CHARGEABLES	**37,425.17**
HOURLY CHARGEABLES	**5,247.50**
CONSUMABLES, EQUIPMENT AND OTHER SUPLIES	**1,270.64**
OTHER CHARGEABLES	**0.00**
TOTAL BEFORE TAXES	**43,943.30**

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CLIENT:	Bushmaster Exploration Services
CONT #	0
RIG #	KD-1
HOLE #	GRD-10-172
FROM:	16-Aug-2010
TO:	17-Aug-2010
METERS DRILLED	62.48
COST OF HOLE	**$7,477.83**

CASING AND DRILLING CHARGEABLES

SIZE	METERS	DEPTH FROM	TO	METERS DRILLED	RATE P/M	TOTAL (CAD)
NW	**0.00**	0	30	0.00	88.00	**0.00**
NTW	**62.48**	0	300	0.00	105.00	**0.00**
		300	500	62.48	113.00	**7,060.69**
TOTAL CASING AND DRILLING CHARGEABLES						**7,060.69**

HOURLY CHARGEABLES

DESCRIPTION	TOTAL SHOTS	TOTAL HOURS	RATE P/H	TOTAL (IN CAD)
DOWN HOLE SURVEY		2.00	165.00	**330.00**
HOLE CONDITIONING		3.00	165.00	**495.00**
DIFF. IN HRS HELPER HOURLY RATE $45.00		-12.00	45.00	**-540.00**
TOTAL HOURLY CHARGEABLES				**285.00**

CONSUMABLES, EQUIPMENT AND OTHER SUPLIES

DESCRIPTION	QTY.		TOTAL (IN CAD)
ROD GREASE (17KG)	1	114.90	**114.90**
			0.00
			0.00
			0.00
PLUS 15%			**17.24**
TOTAL CONSUMABLES, EQUIPMENT AND OTHER SUPLIES			**132.14**

OTHER CHARGEABLES

DESCRIPTION	TIME BASIS	UNITS ITEMS	RATE PER UNIT / ITEM	TOTAL (IN CAD)
TOTAL OTHER CHARGEABLES				**0.00**

SUMMARY OF CHARGEABLES

CASING AND DRILLING CHARGEABLES	**7,060.69**
HOURLY CHARGEABLES	**285.00**
CONSUMABLES, EQUIPMENT AND OTHER SUPLIES	**132.14**
OTHER CHARGEABLES	**0.00**
TOTAL BEFORE TAXES	**7,477.83**

CLIENT: Bushmaster Exploration Services
CONT # 0
RIG # KD-1

HOLE # GRD-172
FROM: 10-Aug-2010
TO: 15-Aug-2010
METERS DRILLED 302.06

COST OF HOLE $37,827.14

Kluane Drilling Ltd.

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CASING AND DRILLING CHARGEABLES

SIZE	METERS	DEPTH FROM	TO	METERS DRILLED	RATE P/M	TOTAL (CAD)
NW	**6.10**	0	30	6.10	88.00	**536.45**
NTW	**295.96**	0	300	295.73	105.00	**31,051.94**
		300	500	0.23	113.00	**25.76**
TOTAL CASING AND DRILLING CHARGEABLES						**31,614.16**

HOURLY CHARGEABLES

DESCRIPTION		TOTAL SHOTS	TOTAL HOURS	RATE P/H	TOTAL (IN CAD)
MOVING	OVER 0.0 HR/MOVE		3.50	100.00	**350.00**
REAMING			2.00	165.00	**330.00**
STABILIZATION			0.50	165.00	**82.50**
WATER SUPPLY			12.50	100.00	**1,250.00**
DOWN HOLE SURVEY			3.00	165.00	**495.00**
HOLE CONDITIONING			9.50	165.00	**1,567.50**
TOTAL HOURLY CHARGEABLES					**4,075.00**

CONSUMABLES, EQUIPMENT AND OTHER SUPLIES

DESCRIPTION	QTY.		TOTAL (IN CAD)
TORQ-EEZ- 20L PAIL	1	155.00	**155.00**
ROD GREASE (17KG)	5	114.90	**574.50**
BLUE	2	165.00	**330.00**
GOLD	3	165.00	**495.00**
LINSEED SOAP (23KG)	1	84.60	**84.60**
NTW RODS - GROUND CONDITIONS	2	110.01	**220.02**
PLUS 15%			**278.87**
TOTAL CONSUMABLES, EQUIPMENT AND OTHER SUPLIES			**2,137.99**

OTHER CHARGEABLES

DESCRIPTION	TIME BASIS	UNITS ITEMS	RATE PER UNIT / ITEM	TOTAL (IN CAD)
TOTAL OTHER CHARGEABLES				**0.00**

SUMMARY OF CHARGEABLES

CASING AND DRILLING CHARGEABLES	**31,614.16**
HOURLY CHARGEABLES	**4,075.00**
CONSUMABLES, EQUIPMENT AND OTHER SUPLIES	**2,137.99**
OTHER CHARGEABLES	**0.00**
TOTAL BEFORE TAXES	**37,827.14**

CLIENT: Bushmaster Exploration Services
CONT # 0
RIG # KD-1

Kluane Drilling Ltd.
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HOLE # GRD-174
FROM: 24-Aug-2010
TO: 31-Aug-2010
METERS DRILLED 313.03

COST OF HOLE $44,900.43

CASING AND DRILLING CHARGEABLES

SIZE	METERS	DEPTH FROM	TO	METERS DRILLED	RATE P/M	TOTAL (CAD)
NW	**7.92**	0	30	7.92	88.00	**697.38**
NTW	**305.10**	0	300	296.34	105.00	**31,115.95**
		300	500	8.76	113.00	**990.15**
TOTAL CASING AND DRILLING CHARGEABLES						**32,803.49**

HOURLY CHARGEABLES

DESCRIPTION		TOTAL SHOTS	TOTAL HOURS	RATE P/H	TOTAL (IN CAD)
MOVING	OVER 0.0 HR/MOVE		12.50	100.00	**1,250.00**
REAMING			21.00	165.00	**3,465.00**
STABILIZATION			2.50	165.00	**412.50**
WATER SUPPLY			7.50	100.00	**750.00**
DOWN HOLE SURVEY			5.50	165.00	**907.50**
HOLE CONDITIONING			12.50	165.00	**2,062.50**
TOTAL HOURLY CHARGEABLES					**8,847.50**

CONSUMABLES, EQUIPMENT AND OTHER SUPLIES

DESCRIPTION	QTY.		TOTAL (IN CAD)
K-ION	4	173.00	**692.00**
ROD GREASE (17KG)	2	114.90	**229.80**
BLUE	5	165.00	**825.00**
GOLD	5	165.00	**825.00**
LINSEED SOAP (23KG)	3	84.60	**253.80**
			0.00
PLUS 15%			**423.84**
TOTAL CONSUMABLES, EQUIPMENT AND OTHER SUPLIES			**3,249.44**

OTHER CHARGEABLES

DESCRIPTION	TIME BASIS	UNITS ITEMS	RATE PER UNIT / ITEM	TOTAL (IN CAD)
TOTAL OTHER CHARGEABLES				**0.00**

SUMMARY OF CHARGEABLES

CASING AND DRILLING CHARGEABLES	**32,803.49**
HOURLY CHARGEABLES	**8,847.50**
CONSUMABLES, EQUIPMENT AND OTHER SUPLIES	**3,249.44**
OTHER CHARGEABLES	**0.00**
TOTAL BEFORE TAXES	**44,900.43**

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CLIENT:	Bushmaster Exploration Services
CONT #	0
RIG #	KD-1
HOLE #	9
FROM:	1-Sep-2010
TO:	5-Sep-2010
METERS DRILLED	288.04
COST OF HOLE	**$37,541.53**

CASING AND DRILLING CHARGEABLES

SIZE	METERS	DEPTH FROM	TO	METERS DRILLED	RATE P/M	TOTAL (CAD)
NW	**0.00**	0	30	0.00	88.00	**0.00**
NTW	**288.04**	0	300	287.81	105.00	**30,219.84**
		300	500	0.23	113.00	**25.76**
TOTAL CASING AND DRILLING CHARGEABLES						**30,245.60**

HOURLY CHARGEABLES

DESCRIPTION	TOTAL SHOTS	TOTAL HOURS	RATE P/H	TOTAL (IN CAD)
REAMING		10.50	165.00	**1,732.50**
STABILIZATION		3.50	165.00	**577.50**
WATER SUPPLY		4.50	100.00	**450.00**
DOWN HOLE SURVEY		5.00	165.00	**825.00**
HOLE CONDITIONING		9.00	165.00	**1,485.00**
TOTAL HOURLY CHARGEABLES				**5,070.00**

CONSUMABLES, EQUIPMENT AND OTHER SUPLIES

DESCRIPTION	QTY.		TOTAL (IN CAD)
ROD GREASE (17KG)	1	178.00	**178.00**
K-ION	2	173.00	**346.00**
TORQ-EEZ- 20L PAIL	1	155.00	**155.00**
BLUE	1	165.00	**165.00**
GOLD	1	165.00	**165.00**
5' NW CASING	7	132.37	**926.59**
			0.00
PLUS 15%			**290.34**
TOTAL CONSUMABLES, EQUIPMENT AND OTHER SUPLIES			**2,225.93**

OTHER CHARGEABLES

DESCRIPTION	TIME BASIS	UNITS ITEMS	RATE PER UNIT / ITEM	TOTAL (IN CAD)
TOTAL OTHER CHARGEABLES				**0.00**

SUMMARY OF CHARGEABLES

CASING AND DRILLING CHARGEABLES	**30,245.60**
HOURLY CHARGEABLES	**5,070.00**
CONSUMABLES, EQUIPMENT AND OTHER SUPLIES	**2,225.93**
OTHER CHARGEABLES	**0.00**

CLIENT: Bushmaster Exploration Services
CONT # 0
RIG # KD-1

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HOLE # GRD-167
FROM: 10-Jul-2010
TO: 15-Jul-2010
METERS DRILLED 310.59

COST OF HOLE $39,796.30

CASING AND DRILLING CHARGEABLES

SIZE	METERS	DEPTH FROM	TO	METERS DRILLED	RATE P/M	TOTAL (CAD)
NW	4.57	0	30	4.57	88.00	402.34
NTW	306.02	0	300	295.43	105.00	31,019.94
		300	500	10.59	113.00	1,196.81
TOTAL CASING AND DRILLING CHARGEABLES						**32,619.08**

HOURLY CHARGEABLES

DESCRIPTION	TOTAL SHOTS	TOTAL HOURS	RATE P/H	TOTAL (IN CAD)
MOVING OVER 0.0 HR/MOVE		7.50	100.00	750.00
REAMING		8.00	180.00	1,440.00
STABILIZATION		2.00	180.00	360.00
WATER SUPPLY		8.00	100.00	800.00
DOWN HOLE SURVEY		3.00	180.00	540.00
STAND-BY		7.00	100.00	700.00
HOLE CONDITIONING		7.00	180.00	1,260.00
TOTAL HOURLY CHARGEABLES				**5,850.00**

CONSUMABLES, EQUIPMENT AND OTHER SUPLIES

DESCRIPTION	QTY.		TOTAL (IN CAD)
ROD GREASE (17KG)	3	114.90	344.70
LUBTUB 20KG	3	109.80	329.40
BLUE POLYMER	3	160.00	480.00
PLUS 15%			173.12
TOTAL CONSUMABLES, EQUIPMENT AND OTHER SUPLIES			**1,327.22**

OTHER CHARGEABLES

DESCRIPTION	TIME BASIS	UNITS ITEMS	RATE PER UNIT / ITEM	TOTAL (IN CAD)
TOTAL OTHER CHARGEABLES				**0.00**

SUMMARY OF CHARGEABLES

CASING AND DRILLING CHARGEABLES	32,619.08
HOURLY CHARGEABLES	5,850.00
CONSUMABLES, EQUIPMENT AND OTHER SUPLIES	1,327.22
OTHER CHARGEABLES	0.00
TOTAL BEFORE TAXES	**39,796.30**

Kluane Drilling Ltd.
14 MacDonald Rd., Whitehorse, Yukon Y1A 4L2
Tel: (867) 633-4800 Fax: (867) 633-3641
kluanedrilling@nothwestel.net

CLIENT:	**Bushmaster Exploration Services**
CONT #	**0**
RIG #	**KD-1**
HOLE #	**10**
FROM:	**6-Sep-2010**
TO:	**9-Sep-2010**
METERS DRILLED	**357.53**
COST OF HOLE	**$53,655.19**

CASING AND DRILLING CHARGEABLES

SIZE	METERS	DEPTH FROM	TO	METERS DRILLED	RATE P/M	TOTAL (CAD)
NW	**11.58**	0	30	11.58	88.00	**1,019.25**
		30	60	0.00	92.00	**0.00**
		60	100	0.00	98.00	**0.00**
NTW	**345.95**	0	300	295.43	105.00	**31,019.94**
		300	500	50.52	113.00	**5,708.76**
TOTAL CASING AND DRILLING CHARGEABLES						**37,747.95**

HOURLY CHARGEABLES

DESCRIPTION		TOTAL SHOTS	TOTAL HOURS	RATE P/H	TOTAL (IN CAD)
MOVING	OVER 0.0 HR/MOVE		10.50	100.00	**1,050.00**
REAMING			41.00	165.00	**6,765.00**
STABILIZATION			3.50	165.00	**577.50**
PULLING RODS			16.50	0.00	**0.00**
WATER SUPPLY			7.50	100.00	**750.00**
DOWN HOLE SURVEY			5.00	165.00	**825.00**
HOLE CONDITIONING			19.00	165.00	**3,135.00**
TOTAL HOURLY CHARGEABLES					**13,102.50**

CONSUMABLES, EQUIPMENT AND OTHER SUPLIES

DESCRIPTION	QTY.		TOTAL (IN CAD)
BLUE	8	165.00	**1,320.00**
GOLD	2	165.00	**330.00**
ROD GREASE (17KG)	1	114.90	**114.90**
K-ION	3	173.00	**519.00**
TORQ-EEZ- 20L PAIL	1	155.00	**155.00**
			0.00
PLUS 15%			**365.84**
TOTAL CONSUMABLES, EQUIPMENT AND OTHER SUPLIES			**2,804.74**

OTHER CHARGEABLES

DESCRIPTION	TIME BASIS	UNITS ITEMS	RATE PER UNIT / ITEM	TOTAL (IN CAD)
TOTAL OTHER CHARGEABLES				**0.00**

SUMMARY OF CHARGEABLES

CASING AND DRILLING CHARGEABLES	**37,747.95**
HOURLY CHARGEABLES	**13,102.50**
CONSUMABLES, EQUIPMENT AND OTHER SUPLIES	**2,804.74**
OTHER CHARGEABLES	**0.00**
TOTAL BEFORE TAXES	**53,655.19**

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CLIENT:	Bushmaster Exploration Services
CONT #	0
RIG #	KD-1
HOLE #	11
FROM:	16-Sep-2010
TO:	18-Sep-2010
METERS DRILLED	189.59
COST OF HOLE	**$21,509.94**

CASING AND DRILLING CHARGEABLES

SIZE	METERS	DEPTH FROM	TO	METERS DRILLED	RATE P/M	TOTAL (CAD)
NW	**0.00**	0	30	0.00	88.00	**0.00**
NTW	**189.59**	0	300	189.59	105.00	**19,906.49**
TOTAL CASING AND DRILLING CHARGEABLES						**19,906.49**

HOURLY CHARGEABLES

DESCRIPTION	TOTAL SHOTS	TOTAL HOURS	RATE P/H	TOTAL (IN CAD)
WATER SUPPLY		2.00	100.00	**200.00**
DOWN HOLE SURVEY		3.00	165.00	**495.00**
HOLE CONDITIONING		2.00	165.00	**330.00**
TOTAL HOURLY CHARGEABLES				**1,025.00**

CONSUMABLES, EQUIPMENT AND OTHER SUPLIES

DESCRIPTION	QTY.		TOTAL (IN CAD)
K-ION	1	173.00	**173.00**
BLUE	2	165.00	**330.00**
			0.00
PLUS 15%			**75.45**
TOTAL CONSUMABLES, EQUIPMENT AND OTHER SUPLIES			**578.45**

OTHER CHARGEABLES

DESCRIPTION	TIME BASIS	UNITS ITEMS	RATE PER UNIT / ITEM	TOTAL (IN CAD)
TOTAL OTHER CHARGEABLES				**0.00**

SUMMARY OF CHARGEABLES

CASING AND DRILLING CHARGEABLES	**19,906.49**
HOURLY CHARGEABLES	**1,025.00**
CONSUMABLES, EQUIPMENT AND OTHER SUPLIES	**578.45**
OTHER CHARGEABLES	**0.00**
TOTAL BEFORE TAXES	**21,509.94**

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CLIENT:	**Bushmaster Exploration Services**
CONT #	**0**
RIG #	**KD-1**
HOLE #	**11**
FROM:	**15-Sep-2010**
TO:	**15-Sep-2010**
METERS DRILLED	**52.12**
COST OF HOLE	**$7,157.10**

CASING AND DRILLING CHARGEABLES

SIZE	METERS	DEPTH FROM	DEPTH TO	METERS DRILLED	RATE P/M	TOTAL (CAD)
NW	**4.57**	0	30	4.57	88.00	**402.34**
NTW	**47.55**	0	300	47.55	105.00	**4,992.62**
		300	500	0.00	113.00	**0.00**
TOTAL CASING AND DRILLING CHARGEABLES						**5,394.96**

HOURLY CHARGEABLES

DESCRIPTION		TOTAL SHOTS	TOTAL HOURS	RATE P/H	TOTAL (IN CAD)
MOVING	OVER 0.0 HR/MOVE		12.00	100.00	**1,200.00**
REAMING			1.00	165.00	**165.00**
WATER SUPPLY			1.00	100.00	**100.00**
DOWN HOLE SURVEY			1.00	165.00	**165.00**
TOTAL HOURLY CHARGEABLES					**1,630.00**

CONSUMABLES, EQUIPMENT AND OTHER SUPLIES

DESCRIPTION	QTY.		TOTAL (IN CAD)
ROD GREASE (17KG)	1	114.90	**114.90**
			0.00
PLUS 15%			**17.24**
TOTAL CONSUMABLES, EQUIPMENT AND OTHER SUPLIES			**132.14**

OTHER CHARGEABLES

DESCRIPTION	TIME BASIS	UNITS ITEMS	RATE PER UNIT / ITEM	TOTAL (IN CAD)
TOTAL OTHER CHARGEABLES				**0.00**

SUMMARY OF CHARGEABLES

CASING AND DRILLING CHARGEABLES	**5,394.96**
HOURLY CHARGEABLES	**1,630.00**
CONSUMABLES, EQUIPMENT AND OTHER SUPLIES	**132.14**
OTHER CHARGEABLES	**0.00**
TOTAL BEFORE TAXES	**7,157.10**

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CLIENT:	**Bushmaster Exploration Services**
CONT #	**0**
RIG #	**KD-1**
HOLE #	**12**
FROM:	**18-Sep-2010**
TO:	**20-Sep-2010**
METERS DRILLED	**341.99**
COST OF HOLE	**$48,858.27**

CASING AND DRILLING CHARGEABLES

SIZE	METERS	DEPTH FROM	TO	METERS DRILLED	RATE P/M	TOTAL (CAD)
NW	**4.57**	0	30	4.57	88.00	**402.34**
NTW	**337.41**	0	300	296.65	105.00	**31,147.96**
		300	500	40.77	113.00	**4,606.60**
TOTAL CASING AND DRILLING CHARGEABLES						**36,156.90**

HOURLY CHARGEABLES

DESCRIPTION		TOTAL SHOTS	TOTAL HOURS	RATE P/H	TOTAL (IN CAD)
MOVING	OVER 0.0 HR/MOVE		11.00	100.00	**1,100.00**
REAMING			4.50	165.00	**742.50**
STABILIZATION			1.00	165.00	**165.00**
WATER SUPPLY			59.50	100.00	**5,950.00**
DOWN HOLE SURVEY			3.00	165.00	**495.00**
HOLE CONDITIONING			15.00	165.00	**2,475.00**
TOTAL HOURLY CHARGEABLES					**10,927.50**

CONSUMABLES, EQUIPMENT AND OTHER SUPLIES

DESCRIPTION	QTY.		TOTAL (IN CAD)
BLUE	3	165.00	**495.00**
GOLD	2	165.00	**330.00**
ROD GREASE (17KG)	4	114.90	**459.60**
K-ION	1	173.00	**173.00**
LINSEED SOAP (23KG)	1	84.90	**84.90**
			0.00
PLUS 15%			**231.38**
TOTAL CONSUMABLES, EQUIPMENT AND OTHER SUPLIES			**1,773.88**

OTHER CHARGEABLES

DESCRIPTION	TIME BASIS	UNITS ITEMS	RATE PER UNIT / ITEM	TOTAL (IN CAD)
TOTAL OTHER CHARGEABLES				**0.00**

SUMMARY OF CHARGEABLES

CASING AND DRILLING CHARGEABLES	**36,156.90**
HOURLY CHARGEABLES	**10,927.50**
CONSUMABLES, EQUIPMENT AND OTHER SUPLIES	**1,773.88**
OTHER CHARGEABLES	**0.00**
TOTAL BEFORE TAXES	**48,858.27**

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14 MacDonald Rd., Whitehorse, Yukon Y1A 4L2
Tel: (867) 633-4800 Fax: (867) 633-3641
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CLIENT:	**Bushmaster Exploration Services**
CONT #	**0**
RIG #	**KD-1**
HOLE #	**13**
FROM:	**26-Sep-2010**
TO:	**30-Sep-2010**
METERS DRILLED	**301.45**
COST OF HOLE	**$40,345.56**

CASING AND DRILLING CHARGEABLES

SIZE	METERS	DEPTH FROM	TO	METERS DRILLED	RATE P/M	TOTAL (CAD)
NW	**13.72**	0	30	13.72	88.00	**1,207.01**
NTW	**287.73**	0	300	287.50	105.00	**30,187.84**
		300	500	0.23	113.00	**25.76**
TOTAL CASING AND DRILLING CHARGEABLES						**31,420.61**

HOURLY CHARGEABLES

DESCRIPTION		TOTAL SHOTS	TOTAL HOURS	RATE P/H	TOTAL (IN CAD)
MOVING	OVER 0.0 HR/MOVE		30.50	100.00	**3,050.00**
REAMING			3.00	165.00	**495.00**
STABILIZATION			1.00	165.00	**165.00**
WATER SUPPLY			11.00	100.00	**1,100.00**
DOWN HOLE SURVEY			2.50	165.00	**412.50**
HOLE CONDITIONING			9.00	165.00	**1,485.00**
DIFF. IN HRS DRILLER HOURLY RATE $55			16.00	55.00	**880.00**
TOTAL HOURLY CHARGEABLES					**7,587.50**

CONSUMABLES, EQUIPMENT AND OTHER SUPLIES

DESCRIPTION	QTY.		TOTAL (IN CAD)
K-ION	1	173.00	**173.00**
BLUE	4	165.00	**660.00**
GOLD	2	165.00	**330.00**
			0.00
PLUS 15%			**174.45**
TOTAL CONSUMABLES, EQUIPMENT AND OTHER SUPLIES			**1,337.45**

OTHER CHARGEABLES

DESCRIPTION	TIME BASIS	UNITS ITEMS	RATE PER UNIT / ITEM	TOTAL (IN CAD)
TOTAL OTHER CHARGEABLES				**0.00**

SUMMARY OF CHARGEABLES

CASING AND DRILLING CHARGEABLES	**31,420.61**
HOURLY CHARGEABLES	**7,587.50**
CONSUMABLES, EQUIPMENT AND OTHER SUPLIES	**1,337.45**
OTHER CHARGEABLES	**0.00**
TOTAL BEFORE TAXES	**40,345.56**

Drill Logs Legend

Lithology Codes

AGR	Alkali feldspar granite
AMP	Amphibolite
AND	Andesite
APL	Aplite
AQS	Alkalifeldspar quartz syenite
ASY	Alkali Feldspar Syenite
BAS	Basalt
BRX	Generic breccia
DAC	Dacite
DIO	Diorite
DYK	dyke
FAU	Fault
FBX	Fault breccia
FIN	generic **Felsic Intrusive**
GBR	Gabbro
GNE	Gneiss
GRA	Granite
GRD	Granodiorite
GRF	Granofels
GRN	granitoid
HBT	Hornblendite
HBX	Hydrothermal (Phreatic) breccia
HFL	Hornfels
IBX	Intrusive breccia
INI	generic **Intermediate Intrusive**
LEU	Leucogranite
M_GRA	Meta-Granite
M_GRD	Meta-Granodiorite
M_QDI	Meta-Quartz Diorite
MAI	generic **Mafic Intrusive**
MDI	Monzodiorite/Monzogabbro
MGR	Microgranite
MON	Monzonite
MSK	Mineralized Skarn
MYL	Mylonite
NRC	No Recovery
PPF	Feldspar Porphyry
QDI	Quartz diorite
QFP	Quartz Feldspar Porphyry
QGR	Quartz rich granitoids (generic term)
QMO	Quartz monzonite
QSY	Quartz syenite
QUA	Quartzite
REW	Reworked Overburden
RHY	Rhyolite

Lithology Codes

SBX	Sulphide Breccia
SCH	Schist
SLT	Slate
SYE	Syenite
SZN	Sulphide Zone
TON	Tonalite
TUF	Turffisite
UNK	Unknown
VEI	Vein

Colour Codes

BL	black
BE	blue
BR	brown
BU	beige/buff
GN	green
GY	grey
OC	ochre
OR	orange
PG	pink-green
PI	pink
PU	purple
RE	red
WH	white
YE	yellow

Colour Modifier

L	light
D	dark

Oxidation Codes

0	Absent
1	Only at fractures
2	<5cm from fracture
3	>5cm from fracture
4	Complete oxidation

Texture Codes

A	angular clasts
BA	banded
BL	bleached
BX	brecciated
C	clast supported
EG	equigranular
FA	faulted
FB	flow banded
FO	foliated
FP	fine grained porpyritic
FX	fractured
GL	glomerophyric
GO	gougy
HF	hornfelsic
M	mixt angular and sub-rounded clasts
M	generic monomyct
MA	massive
ME	megacrystic
MO	mottled
MY	Mylonite
P	generic polimyct
PO	porphyritic
R	rounded clasts
S	sub-rounded clasts
SE	seriate
VU	vuggy
X	matrix supported
Z	mixed or altered

Grain Size Codes

VF	very fine-grained (no xx visible)
FG	fine-grained (<1mm)
MG	medium-grained (1-2mm)
CG	coarse-grained (2-5 mm)
VC	very coarse-grained (>5mm)

Occurance Codes

BAN	banded
BLC	Bleached
BLE	blebby
DIS	disseminated
EUH	euhedral
FFL	fracture-filled
FGR	fine grained
LAM	laminated
MAS	massive
NET	network
OVP	Overprint
PAT	patchy
PER	pervasive
PHE	phenocrysts
PSM	pseudomorphic
SEL	the selvage is thicker than the tickness of the vein
SHE	subhedral
VSE	at the vein/veinlet selvages
VUG	vuggy

Structure Codes

APF	Axial plane of fold
AXF	Fold axis
BRX	Brecciation
CAP	Protocataclasite 10-50% matrix
CAT	Cataclasite 50-90% matriz
CAU	Ultracataclasite >90% matriz
CCL	Crenulation cleavage
CLV	Cleavage
CRN	Crenulation
CTC	Contact
DYK	Dyke
FAU	Fault
FOF	Folded foliation (fold limbs)
FOL	Foliation
FOM	Mylonite 50-90% matrix
FOP	Protomytlonite 10-50% matrix
FOU	Ultramylonite >90% matrix
FRC	Fracture
FRC	Fracture
GOU	gouge
JOI	Joint
LAY	Layering
LIN	Mineral Lineation
LIN	Left-reverse
LIT	lineation
LNO	Left-Normal
LSS	Left-strike slip
MFO	Foliation magmatic
RIN	Right-reverse
RNO	Right-Normal
RSS	Right-Strike slip
SFO	
SHR	Shear
SLI	Slickenlines
XEN	Xenolith

Intensity

i	complete
m	moderate
s	strong
w	weak
tr	trace

Infill Codes

BA	banded
BL	edge blurring
BO	boudines/boudinages
BR	braided
CE	cement
CL	clip
DS	discontinuous
EE	en-echelon
FF	fault filling veins/veinlets
FL	fracture fill
MA	massive
MV	microveinlets
NS	non systematic
PL	planar
SI	sigmoidal
SP	sub-parallel
ST	stockwork
TR	triangular
VU	vuggy

Mineral Codes	
act	actinolite
alb	albite
alu	alunite
amp	amphibole
and	andalusite
anh	anhydrite
ank	ankerite
anr	anorthite
apa	apatite
arg	argentite
asp	arsenopyrite
azu	azurite
bar	barite
bbo	bornite boxwork
bcp	chalcopyrite boxwork
bio	biotite
bor	bornite
bpy	pyrite boxwork
cal	calcite
chc	chalcocite
chl	chlorite
cin	cinnabar
cla	clay
cov	covellite
cpx	clinopyroxene
cpy	chalcopyrite
crb	carbonate
crd	cordierite
cuw	copper wad
dio	diopside
dol	dolomite
epi	epidote
fds	feldspar
feo	Iron oxide
flu	fluorite
fmo	ferrimolybdite
fus	fuschite
gal	galena
gli	glassy limonite
goe	goethite
grp	graphite
grt	garnet
gyp	gypsum
hbl	hornblende
hem	hematite
ill	illite
ilm	ilmenite
jar	jarosite
kao	kaolinite
kfs	k-feldspar
leu	leucoxene

Mineral Codes	
lim	limonite
maf	mafics
mal	malachite
mar	marcarsite
mcr	microcline
mno	manganese oxide
mol	molybdenite
mox	molybdenite-ox
mte	magnetite
mus	muscovite
nag	silver
nau	gold
ncu	copper
nte	tellurium
pla	plagioclase
prl	pyrophyllite
prt	pyrrhotite
prx	pyroxene
pyr	pyrite
pyx	pyrite-ox
qtz	quartz
rea	realgar
rod	rhodocrosite
rut	rutile
ser	sericite
shl	scheelite
sid	siderite
sme	smectite
sox	oxidized sulph
spe	specularite
sph	sphalerite
spl	spinel
stb	stibnite
sul	sulphides
sux	sulphides-ox
sco	scordite
ten	tenorite
tlc	talc
top	topaz
trm	tremolite
ttn	titanite
ttr	tetrahedrite
tur	tourmaline
unk	unknown
vg	visible gold
zoi	zoisite

Drill Hole Summary

Property:	Freegold		
Zone:	Nucleus		
Drill Hole ID:	GRD10-164		
UTM Easting:	379698.55	**Elevation (m):**	843.39
UTM Northing:	6913955.86	**Azimuth:**	0
(NAD 83, Zone 8)		**Dip:**	-55
Depth (m):	300.84		
Drill Contractor:	Kluane	**Logged by:**	S. Dyck
Date Started:	29-Jun-10	**Date Started:**	01-Jul-10
Date Completed:	03-Jul-10	**Date Completed:**	08-Jul-10
Core Size:	NTW		

Comments: Target - to test mineralization on the eat side of Nucleus in the copper zone. Hole was sucessful, intersected consistent sulphides over most of its length. More chalcopyrite than in most holes. Lithologies were Schist>Microgranite>feldspar (quartz) porphyry dykes>Granite.

Batch Sheets: 10NFR031

Sample Numbers: I040001-I040189

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
|---|---|---

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
|---|---|---

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
|---|---|---

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy 2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy 2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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Drill Hole Summary

Property:	Freegold		
Zone:	Nucleus		
Drill Hole ID:	GRD10-165		
UTM Easting:	379698.507	**Elevation (m):**	843.26
UTM Northing:	6913955.199	**Azimuth:**	0
(NAD 83, Zone 8)		**Dip:**	-90
Depth (m):	280.42		
Drill Contractor:	Kluane Drilling	**Logged by:**	K. Dodd
Date Started:	03-Jul-10	**Date Started:**	04-Jul-10
Date Completed:	07-Jul-10	**Date Completed:**	11-Jul-10
Core Size:	NTW		

Comments: Targetting east side Copper Zone at Nucleus. Vertical hole off the same pad as GRD10-164. This hole does not look as sucessful. It starts off very similar, but changes to a long stretch of schist with fewer sulphides and less chalcopyrite.

Batch Sheets: 10NFR032

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Inf-dip_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralgy_1 | Sulfide Mineralgy_1_1 | Sulfide Mineralgy_1_2 | Sulfide Mineralgy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralgy_2 | Sulfide Mineralgy_2_1 | Sulfide Mineralgy_2_2 | Sulfide Mineralgy_2_3 | Total Sulfide %_2 | Vein CA_2 | Inf-dip_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Tolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralgy_1 | Sulfide Mineralgy_1_1 | Sulfide Mineralgy_1_2 | Sulfide Mineralgy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralgy_2 | Sulfide Mineralgy_2_1 | Sulfide Mineralgy_2_2 | Sulfide Mineralgy_2_3 | Total Sulfide %_2 | Vein CA_2 | Inf-dip_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Inf-dip_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Tolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralgy_1 | Sulfide Mineralgy_1_1 | Sulfide Mineralgy_1_2 | Sulfide Mineralgy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralgy_2 | Sulfide Mineralgy_2_1 | Sulfide Mineralgy_2_2 | Sulfide Mineralgy_2_3 | Total Sulfide %_2 | Vein CA_2 | Inf-dip_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralgy_1 | Sulfide Mineralgy_1_1 | Sulfide Mineralgy_1_2 | Sulfide Mineralgy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralgy_2 | Sulfide Mineralgy_2_1 | Sulfide Mineralgy_2_2 | Sulfide Mineralgy_2_3 | Total Sulfide %_2 | Vein CA_2 | Inf-dip_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Tolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralgy_1 | Sulfide Mineralgy_1_1 | Sulfide Mineralgy_1_2 | Sulfide Mineralgy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralgy_2 | Sulfide Mineralgy_2_1 | Sulfide Mineralgy_2_2 | Sulfide Mineralgy_2_3 | Total Sulfide %_2 | Vein CA_2 | Inf-dip_2 | Vein Zone Description |
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Drill Hole Summary

Property:	Freegold		
Zone:	Nucleus		
Drill Hole ID:	GRD10-169		
UTM Easting:	378964.835	**Elevation (m):**	1006.77
UTM Northing:	6913835.507	**Azimuth:**	0
(NAD 83, Zone 8)		**Dip:**	-65
Depth (m):	323.09m		
Drill Contractor:	Kluane	**Logged by:**	L. Lewis
Date Started:	22-Jul-10	**Date Started:**	23-Jul-10
Date Completed:	31-Jul-10	**Date Completed:**	01-Aug-10
Core Size:	NTW		

Comments: Oxidation is moderate to strong down to 68.5m and includes predominantly schist and gneiss, with minor intrusions of microgranite, granite, one qtz feldspar porphyry dyke and one feldspar porphyry dyke. Alteration is mostly masked by the oxidation, but varies from weak to moderately clay altered. The first sulphide zone occurs from 108.4-109.82m, containing 25% pyr-prt and trace cpy. The host schist is silicified. Schist in the hanging wall have increased muscovite and epidote, alternating with clay-crb alteration. A narrow qtz-crb stringer in granite contains pyr-sph-gal-cpy at 139.85m. At 204.6m is a narrow massive sx of pyr with minor cpy, bor, tr asp. At 226.45m: half meter of 25% pyr, tr cpy. Alteration in the schists is overall increasing downhole. At 264.95m: 3.35m zone of 45% pyr (cpy-covellite-prt-tr asp). The hanging wall schist is wealy mineralized below as well as the MGR unit. Below 316.2m, the schist becomes very strongly silicified/possibly sheared with minor sulphide veining as well as 3-4% clots of pyr, 0.3% cpy. Unfortunately, the rods became stuck at 329m and no further drilling was possible.

Batch Sheets: 10NFR044

Sample Range: I040435-I040500, I040901-I041047

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | | OXIDATION | Lith_From | Lith_To | | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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Drill Hole Summary

Property:	Freegold		
Zone:	Nucleus		
Drill Hole ID:	GRD10-171		
UTM Easting:	379047.751	**Elevation (m):**	1006.84
UTM Northing:	6914048.655	**Azimuth:**	0
(NAD 83, Zone 8)		**Dip:**	-70
Depth (m):	350.52		
Drill Contractor:	Kluane Drilling	**Logged by:**	K. Dodd
Date Started:	04-Aug-10	**Date Started:**	05-Aug-10
Date Completed:	10-Aug-10	**Date Completed:**	11-Aug-10
Core Size:	NTW		
Comments:			
Batch Sheets:	10NFR055		
Sample Range:	I041146-I041385		

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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Dataset	Hole_ID	Logged_by	Date_Logged	Ox_From	Ox_To	OXIDATION	Lith_From	Lith_To	Litho	Litho-1	Litho-2	% qtz Phenocryst	% fds Phenocryst	Grain Size	Texture-1	Texture-2	BxClast_1	BxClast_2	Lithology Description	Dominant Alteration	Dominant Alteration Style(occurrence)	Dominant Alteration Intensity	Secondary Alteration	Secondary Alteration Style(occurrence)	Secondary Alteration Intensity	Alteration Description	Min_From	Min_To	pyrite	Pyrite %	Cpy%	Prt%	Asp%	Other	Other%	Mineralization Description	Structure From	Structure To	Rotation CA	Struct_type1	Struct_subtype1	Struct_CA1	Structure Description	Vein From	Vein To	Number of Veins	Cummulative Vein Thickness mm	Common Thickness mm	Vein Inf-Type_1	Dominent Inf-Mineralogy_1	Sulfide Mineralogy_1_1	Sulfide Mineralogy_1_2	Sulfide Mineralogy_1_3	Total Sulfide %_1	Vein CA_1	Vein Inf-Type_2	Dominent Inf-Mineralogy_2	Sulfide Mineralogy_2_1	Sulfide Mineralogy_2_2	Sulfide Mineralogy_2_3	Total Sulfide %_2	Vein CA_2	Vein Zone Description
																																					344	344.85	30				GRA intrusion into SCH. UCTC 30, LCTC 40 TCA																						
																																				344.85	345.2		DYK	GRA																						
																																				345.2	346.35	40																						
																																				346.35	350.52	20																						

Drill Hole Summary

Property:	Freegold		
Zone:	Nucleus		
Drill Hole ID:	GRD10-172		
UTM Easting:	379151.989	**Elevation (m):**	999.01
UTM Northing:	6914061.768	**Azimuth:**	0
(NAD 83, Zone 8)		**Dip:**	-70
Depth (m):	362.71		
Drill Contractor:	Kluane	**Logged by:**	E. Miller
Date Started:	10-Aug-10	**Date Started:**	17-Aug-10
Date Completed:	16-Aug-10	**Date Completed:**	22-Aug-10
Core Size:	NTW		

Comments: Drilling was slow at the top of the hole due to heavily fractured rock but improved downhole. The drill hole was composed of alternating schist (hbl, biotite and muscovite schists present and often seen together) and microgranite with significant intervals of a medium-grained biotite granite appearing deeper in the hole. The level of silicification throughout the majority of the hole is VERY high and very consistent. The oxidized zone within the hole was extremely deep and we did not completely transition out of it until 165.85m.

Batch Sheets:	10NFR062
Sample Range:	I041401 - I041655

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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Dataset	Hole_ID	Logged_by	Date_Logged	Ox_From	Ox_To	OXIDATION	Lith_From	Lith_To	Litho	Litho-1	Litho-2	% qtz Phenocryst	% fds Phenocryst	Grain Size	Texture-1	Texture-2	BxClast_1	BxClast_2	Lithology Description	Dominant Alteration	Dominant Alteration Style(occurrence)	Dominant Alteration Intensity	Secondary Alteration	Secondary Alteration Style(occurrence)	Secondary Alteration Intensity	Alteration Description	Min_From	Min_To	pyrite	Pyrite %	Cpy%	Prt%	Asp%	Other	Other%	Mineralization Description	Structure From	Structure To	Foliation CA	Struct_type1	Struct_subtype1	Struct_CA1	Structure Description	Vein From	Vein To	Number of Veins	Cummulative Vein Thickness mm	Common Thickness mm	Vein Inf-Type_1	Dominent Inf-Mineralogy_1	Sulfide Mineralogy_1_1	Sulfide Mineralogy_1_2	Sulfide Mineralogy_1_3	Total Sulfide %_1	Vein CA_1	Vein Inf-Type_2	Dominent Inf-Mineralogy_2	Sulfide Mineralogy_2_1	Sulfide Mineralogy_2_2	Sulfide Mineralogy_2_3	Total Sulfide %_2	Vein CA_2	Vein Zone Description
Nucleus	GRD10-172	E. Miller	18-Aug-10				76.71	82.3	BRX	bio	qtz			fg	M	C	SCH		Biotite and muscovite schist breccia with very minor microgranite. Breccia is as above but with greater proportion of dark grey schists, higher clay alteration and very abundant hematite and some possible cinnabar.	cla	PER	m	crb	PER	w	also patchy silicification and sericite.	147.65	153.9	pyr	3				pyx	1	Partially oxidized disseminated sulfides and within vein selvedges.	41	41.39	30					101.1	110.45	550	1	600	BR	qtz	feo	hem	pyr	0.01		NS	qtz	pyr				0.1		Network of veining gives rock a crackled appearance. Two vein sets the first is a (sometimes vuggy) feo-rich veining with feo selvedges the second is a pale grey chalcedonic (sometimes brecciation) network. The feo cuts the chalcedonic veins.
Nucleus	GRD10-172	E. Miller	18-Aug-10				82.3	83.8	MGR	qtz	fds			fg	FO				Quite heavily oxidized, red-orange, weakly foliated microgranite partial brecciation/disruption of foliation in some places. Mostly just alteration and oxidation obscuring original textures.	cla	PER	s	crb	PER	w	also patchy sericite. Strongly oxidized.	153.9	155.37	pyr	7				pyx	1	Partially oxidized disseminated sulfides and within vein selvedges.	41.39	41.4		CTC	SCH-QFP	35		110.45	113.03	150	1	170	BR	qtz	feo	cla	cin	0.01										very feo rich and often bright red..... Possibly some cinnabar?
Nucleus	GRD10-172	E. Miller	18-Aug-10				83.8	85.34	SCH	qtz	mus			fg	FO				Red iron-oxide rich schist where the only minerals preserved are muscovte and quartz... mafics may now be feo or may have been lost before that...	cla	PER	m	crb	PER	w	also patchy sericite. Strongly oxidized.	155.37	157.64	pyr	5				pyx	2	Partially oxidized disseminated sulfides and within vein selvedges.	43.83	43.84		CTC	QFP-BRX	50		113.03	114.33	64	1	70	BR	qtz	pyr			0.01		PL	qtz	pyr	cla		30	35		sulfide-rich veining has dendritic pyrite selvedges.... These two vein sets are the same as the oxidized version seen below and in previous units.
Nucleus	GRD10-172	E. Miller	18-Aug-10				85.34	92.6	MGR	qtz	fds			fg	BX	C	MGR	SCH	White, brecciated microgranite that is much less oxidized than above. Approximately 5% schist fragments. Cut by several large (5mm) banded chalcedonic veins. Between 85.34 and 89.92m there is significant core loss of around 4meters	qtz	PER	m	cla	PER	m	felspars altered to clay.	157.64	158.45	pyr	5						blebby disseminated.	43.84	49.85	55					114.33	123.8	287	1	310	BR	qtz	feo	hem	pyr	0.01		NS	qtz	pyr				0.1		Network of veining gives rock a crackled appearance. Two vein sets the first is a (sometimes vuggy) feo-rich veining with feo selvedges the second is a pale grey chalcedonic (sometimes brecciation) network. The feo cuts the chalcedonic veins.
Nucleus	GRD10-172	E. Miller	18-Aug-10				92.6	94.45	FAU	cla	qtz			fg					Faulted and intensely clay altered microgranite. Stained salmon pink becoming more orange downhole. More competent bits show brecciated microgranite.	cla	PER	i	crb	PER	w		158.45	165.85	pyr	2						moderate disseminated fine-grained pyrite but majority of mineralisation is within small veinlets	49.85	49.86		CTC	SCH-BRX	30		123.8	124.9	19	1	23	NS	qtz	feo	hem		0.01										red-brown sometimes vuggy. Range between 50 and 10CA
Nucleus	GRD10-172	E. Miller	18-Aug-10				94.45	100	MGR	qtz	fds		10	fg	PO	FO			Porphyritic foliated micro-leucogranite. Variably orange with feo-staining and white with very little staining. Staining is spreading from abundnat feo-rich veining. Feldspar phenocrysts are altered to a chalky white clay. Some intervals look more like a PPF but there are no discernable contacts... so there may be some mixing and melding of the two (one intruded into the other while it was still hot? or melted some of the previous one to blur the contacts?)	cla	PER	s	qtz	PAT	m	silicification patchy and seems to be associated with the zones that look like PPF...	165.85	179.61	pyr	5						disseminated in dark black fine-grained blebs.	51.89	51.9		CTC	MGR-SCH	45		124.9	126.15	0	0	0														No veining is preserved in fault gouge
Nucleus	GRD10-172	E. Miller	18-Aug-10				100	101.1	BRX	cla	qtz			fg	M	C	SCH		Brecciated heavily oxidized schist. Orange to brown in colouration. Was likely a biotite or other mafic-rich shchist in order to produce as many iron oxides as are present. Breccoated by a network of qtz-feo veins. Last 10cm are matrix suported with a grey chalcedonic matrix.	cla	PER	s	crb	PER	w	very minor silicifcation in selvedges.	179.61	180.06	pyr	5						disseminated in dark black fine-grained blebs and as possible replacements of biotite.	51.9	53.1	60					126.15	128.02	60	1	65	NS	qtz	feo	hem		0.01										red-brown sometimes vuggy. Range between 30 and 60 CA
Nucleus	GRD10-172	E. Miller	18-Aug-10				101.1	110.45	MGR	qtz	fds		10	fg	PO	FO			Porphyritic foliated micro-leucogranite. Variably orange with feo-staining and white with very little staining. Staining is spreading from abundant feo-rich veining. Feldspar phenocrysts are altered to a chalky white clay. Almost identical to 94.45-100 but without the PPF sections	cla	PER	s	qtz	PAT	m		180.06	181.61	pyr	3						Disseminated and in vein selvages.	53.1	55.5	75					128.02	130.9	0	0	0														No veining is preserved in fault gouge
Nucleus	GRD10-172	E. Miller	18-Aug-10				110.45	113.03	SCH	feo	qtz			fg	FO				Very oxidized orange-pink to red schist. Likely a biotite schist in order to produce enough FeO. Original mineralogy now almost entirely obscured/destroyed by alteration and oxidation. Very compent but still strongly clay altered.	cla	PER	s	feo	PER	i	clay and oxidation has destroyed most original mineralogy and obscured any other possible alterations	181.61	190.5	pyr	5						Disseminated and in vein selvages.	55.5	56.5	55					130.9	132.59	10	1	10	NS	qtz	feo	hem										Most veining is destroyed by alteration and faulting.

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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Dataset	Hole_ID	Logged_by	Date_Logged	Ox_From	Ox_To	OXIDATION	Lith_From	Lith_To	Litho	Litho-1	Litho-2	% qtz Phenocryst	% fds Phenocryst	Grain Size	Texture-1	Texture-2	BxClast_1	BxClast_2	Lithology Description	Dominant Alteration	Dominant Alteration Style(occurrence)	Dominant Alteration Intensity	Secondary Alteration	Secondary Alteration Style(occurrence)	Secondary Alteration Intensity	Alteration Description	Min_From	Min_To	pyrite	Pyrite %	Cpy%	Prt%	Asp%	Other	Other%	Mineralization Description	Structure From	Structure To	Foliation CA	Struct_type1	Struct_subtype1	Struct_CA1	Structure Description	Vein From	Vein To	Number of Veins	Cummulative Vein Thickness mm	Common Thickness mm	Vein Inf-Type_1	Dominent Inf-Mineralogy_1	Sulfide Mineralogy_1_1	Sulfide Mineralogy_1_2	Sulfide Mineralogy_1_3	Total Sulfide %_1	Vein CA_1	Vein Inf-Type_2	Dominent Inf-Mineralogy_2	Sulfide Mineralogy_2_1	Sulfide Mineralogy_2_2	Sulfide Mineralogy_2_3	Total Sulfide %_2	Vein CA_2	Vein Zone Description
Nucleus	GRD10-172	E. Miller	21-Aug-10				281.9	282.52	GRA	bio	qtz			mg	EG				Medium to fine-grained biotite granite. 45% fds (55% plag, 45% kfds), 35% qtz, 20% biotie. (white with black speckles) small zones of intensely silicified quartz flooding. A couple schist xenolits and one partially digested microgranite xenolith. Sericitic alteration in selvedges of qtz-pyr-ser veining altering the plag to a pale green while the k-fds remains milky white.	qtz	PER	s	cla	PER	w	also sericite alteration in vein selvedges and weak chlorite alteraiton of biotite.												203.01	206	5					298.9	301.87	80	1	100	PL	qtz	pyr	ser		60	30	NS	cal	crb				qtz and calcitic veining each make up approximately half of the veining.
Nucleus	GRD10-172	E. Miller	21-Aug-10				282.52	285.3	SCH	hbl	bio			fg	FO				Same dark green hbl-bio+/-msucovite schist with strong chlorite alteration and patchy sericite and carbonate alteration and a strong overprinting silicification. As described before. Downhole the rock is becoming increasingly lighter and more clay altered beneath the silicification. There are several small granitic dykes (see description of granite above and below) intruding the schist... these have been picked out in the structure column.	qtz	PER	s	chl	PER	s	also localised weak to moderate pale clay alteration.												206	208.5	10					301.87	309.37	310	1	330	NS	qtz	pyr			70												"spiderweb" network of qtz-pyr veining.
Nucleus	GRD10-172	E. Miller	21-Aug-10				285.3	285.68	GRA	bio	qtz			mg	EG				Medium to fine-grained biotite granite. 45% fds (55% plag, 45% kfds), 35% qtz, 20% biotie. (white with black speckles) small zones of intensely silicified quartz flooding. Contains a few small (<5cm) schist xenoliths. Sericitic alteration in selvedges of qtz-pyr-ser veining altering the plag to a pale green while the k-fds remains milky white. Same granite as described from 281.9-282.52m.	qtz	PER	s	cla	PER	w	also sericite alteration in vein selvedges and weak chlorite alteraiton of biotite.												208.5	211.34	5					309.37	313.1	290	1.5	430	NS	qtz	pyr			70												Veining abundance increased drastically almost brecciating the rock in places. Possible trace arsenopyrite. Much of the sulfide is very fine-dark black pyrite
Nucleus	GRD10-172	E. Miller	21-Aug-10				285.68	287.3	SCH	hbl	bio			fg	FO				Same dark green hbl-bio+/-msucovite schist with strong chlorite alteration and patchy sericite and carbonate alteration and a strong overprinting silicification as described previously. The top of the unit is partially brecciated and is quite veined it is also paler and has a higher degree of clay alteration underneath teh silicification than the lower portion of the unit. Several very small (<2cm) granitic dykes cut the rock all at approx 75CA	qtz	PER	s	chl	PER	s	also localised weak to moderate pale clay alteration.												211.34	211.35		CTC	SCH-MGR	25		313.1	314.45	80	2	160	NS	qtz	pyr	asp	cpy	80												Very abundant pyrite-rich veining with trace arsenopyrite and chalcopyrite. Some of these veins show dendritic selvedges... many of the veins are lost in the massive sulfide zone
Nucleus	GRD10-172	E. Miller	21-Aug-10				287.3	288.77	GRA	bio	qtz			mg	EG				Medium to fine-grained biotite granite. 45% fds (55% plag, 45% kfds), 35% qtz, 20% biotie. (white with black speckles) small zones of intensely silicified quartz flooding. Contains a few small (<5cm) schist xenoliths. Sericitic alteration in selvedges of qtz-pyr-ser veining altering the plag to a pale green while the k-fds remains milky white. Same granite as described from 281.9-282.52m.	qtz	PER	s	cla	PER	w	also sericite alteration in vein selvedges and weak chlorite alteraiton of biotite.												211.35	211.93	25				Foliation of microgranite (probably magmatic)	314.45	315.66	53			NS	qtz	pyr	ser		50		NS	cal	crb				qtz and calcitic veining networks each make up approximately half of the veining.
Nucleus	GRD10-172	E. Miller	21-Aug-10				288.77	301.87	SCH	bio	mus			fg	FO				Large unit of bioite-hbl-muscovite schist with banding and zones where they exchange dominance. In general it becomes more muscovite rich downhole but this is not a consistent change just a trend. Foliation is quite consistent downhole. Colour ranges from a pale green to a dark green from sericite and chlorite alteration. There are a couple minor intervals of intense clay and carbonate alteration that almost look like they may be fault gouge... but for the most part the rock is fairly competent and most of it is moderately to strongly silicified. From 294.13-294.3m there is a granitic dyke with faulted upper and lower contacts.	qtz	PER	s	chl	PER	s	Also pervasive moderate sericitic alteration, and patchy weak carbonate and moderate to weak clay alteration.												211.93	224	5					315.66	319.2	150	1	170	NS	qtz	pyr	cpy		60												1cm thick vein at 318.35m is folded along with the foliation (contains both pyrite and chalcopyrite)
Nucleus	GRD10-172	E. Miller	21-Aug-10				301.87	313.1	GRA	bio	qtz			mg	EG				Medium to fine-grained biotite granite. 45% fds (55% plag, 45% kfds), 35% qtz, 20% biotie. (white with black speckles) small zones of intensely silicified quartz flooding. Contains a few small (<5cm) schist xenoliths. Sericitic alteration in selvedges of qtz-pyr-ser veining altering the plag to a pale green while the k-fds remains milky white. Same granite as described from 281.9-282.52m.	qtz	PER	s	cla	PER	w	also sericite alteration in vein selvedges and weak chlorite alteraiton of biotite.												224	225.43	10					319.2	324.1	129	1	150	NS	qtz	pyr	cpy	chl	60		NS	cal	crb				Carbonate veining is lower in abundance than the qtz-pyr veining. Possible trace cpy.
Nucleus	GRD10-172	E. Miller	21-Aug-10				313.1	314.45	SZN	pyr	qtz			fg					A very, very pyrite-rich zone where silicification and sulfidation has destroyed most of the primary textures. The lithology appears to be primarily schist but it also has significant microgranite intervals. Approaching the contacts the sulfide is mostly found in a brecciating network of veining but the vast majority of the unit is unconstrained sulfide replacement of the host.	qtz	PER	s	sul	PER	s	Also minor clay alteration underlying the silicification and sulfidation.												225.43	225.44		CTC	SCH-MGR	35		324.1	328.68	332	1	350	BR	qtz	pyr	chl	ser	40		NS	cal	crb				Veining is disrupted and braided with no preferred orientation.
Nucleus	GRD10-172	E. Miller	21-Aug-10				314.45	315.66	GRA	bio	qtz			mg	EG				Medium to fine-grained biotite granite. 45% fds (55% plag, 45% kfds), 35% qtz, 20% biotite. First 20cm is a zone of intensely silicified quartz flooding almost destroying the textural characteristics of the rock. Same granite as described from 281.9-282.52m.	qtz	PER	s	chl	PER	w	also minor patches of weak sericite alteration and weak carbonate alteration in some vein selvedges												226.6	226.61		CTC	MGR-SCH	35		328.68	333.65	244	1	260	BR	qtz	pyr	chl	ser	40		NS	cal	crb				braided veining along microfaulting planes and being microfaulted. Chlorite-rich veining is in the majority.

Dataset	Hole_ID	Logged_by	Date_Logged	Ox_From	Ox_To	OXIDATION	Lith_From	Lith_To	Litho	Litho-1	Litho-2	% qtz Phenocryst	% fds Phenocryst	Grain Size	Texture-1	Texture-2	BxClast_1	BxClast_2	Lithology Description	Dominant Alteration	Dominant Alteration Style(occurrence)	Dominant Alteration Intensity	Secondary Alteration	Secondary Alteration Style(occurrence)	Secondary Alteration Intensity	Alteration Description	Min_From	Min_To	pyrite	Pyrite %	Cpy%	Prt%	Asp%	Other	Other%	Mineralization Description	Structure From	Structure To	Foliation CA	Struct_type1	Struct_subtype1	Struct_CA1	Structure Description	Vein From	Vein To	Number of Veins	Cummulative Vein Thickness mm	Common Thickness mm	Vein Inf-Type_1	Dominent Inf-Mineralogy_1	Sulfide Mineralogy_1_1	Sulfide Mineralogy_1_2	Sulfide Mineralogy_1_3	Total Sulfide %_1	Vein CA_1	Vein Inf-Type_2	Dominent Inf-Mineralogy_2	Sulfide Mineralogy_2_1	Sulfide Mineralogy_2_2	Sulfide Mineralogy_2_3	Total Sulfide %_2	Vein CA_2	Vein Zone Description
Nucleus	GRD10-172	E. Miller	21-Aug-10				315.66	318.85	SCH	bio	qtz			fg	FO				Brownish-red to maroon tinted grey, altered schist. Looks partially bleached. Rock is completely silicified. Clay alteration and possible biotite and carbonate alteration are overprinted by this silicification. It was likely a biotite schist but the original mineralogical characteristics have been destroyed. Folding features are visible at approximately 318.35m where the foliation is folded along with an mineralised vein... this suggestes at least some of the mineralization was occuring prior to one of the major folding events (see photo).	qtz	PER	s	cla	PER	m	also possibly biotite and carbonate alteration that have ben obscured by silicification overprint.												226.61	234.5	2					333.65	335.7	131	1	160	PL	qtz	pyr	chl		50	50	NS	cal							carbonate veining is much lower in abundance than the qtz-pyr-ser veining. The most dominant direction for the qtz veining is 50CA but the veining occurs in directions ranging from 10-80CA.
Nucleus	GRD10-172	E. Miller	21-Aug-10				318.85	319.2	PPF	fds	qtz		5	vf	PO				intensely clay altered ansd silicified PPF. Beige to greyish, non descript appearance with blebby disseminated pyrite.	qtz	PER	s	cla	PER	m													234.5	234.8		DYK	MGR	20		335.7	339.85	235	1	250	BR	qtz	pyr	chl	bio	40		NS	cal							carbonate veining **most abundant** within the darker biotite-hbl rich sections but found throughout.
Nucleus	GRD10-172	E. Miller	21-Aug-10				319.2	324.1	SCH	hbl	bio			fg	FO				Dark green to black hbl-schist. With strong chlorite alteration and patchy sericite and carbonate alteration and an intense overprinting silicification. Unit becomes more bleached and altered in the last 50cm before the lower contact	qtz	PER	i	chl	PER	s	also minor, patchy sericite and carbonate alteration. Approximately 0.1% leucoxene within the last meter.												234.8	235.34	25					339.85	340.22	60	1	70	NS	qtz	pyr			60		PL	qtz	pyr				10		The larger veinlets tend to be more quartz rich while the smaller veinlets (1mm and less) tend to be dominantly sulfides.
Nucleus	GRD10-172	E. Miller	21-Aug-10				324.1	328.68	MGR	qtz	bio			fg	BX			SCH	A very, very jumbled unit that looks like it may be a microgranite intruding at a fold hinge and mixing up with all the bioitite+/- hbl schist that it came through. This resulted in a very jumbled white and black mixture of microgranite and schist that has since been silicified.	qtz	PER	i	chl	PER	m	Also minor clay and patches of moderate fe-carbonate alteration.												236.88	243.7	5					340.22	344.05	230	1	240	BR	qtz	pyr	chl		60		NS	cal							qtz-pyr veining is much more abundant than the calcitic veining.
Nucleus	GRD10-172	E. Miller	21-Aug-10				328.68	333.65	SCH	bio	mus			fg	FO				A biotite-hbl schist that slowly and gradually gives way to a muscovite-quartz schist as it approaches the lower contact. Sulfides are slightly more abundant within the darker hbl-rich beginning than the bleached end of the unit but are present within both. Two minor foliated mafic rich intusions (?) are also seen. Whole unit is silicified and the hbl-bio dominated sections are carbonate-chlorite altered while the muscovite-dominated sections are sericite-carbonate altered.	qtz	PER	s	crb	PER	m	also locally chlorite and sericite altered.												243.7	243.71		CTC	SCH-MGR	65		344.05	345.49	68	1	75	BR	cal	crb			0.01		BR	qtz	pyr						calcitic veining is the dominant veining and becomes more dominant downhole.
Nucleus	GRD10-172	E. Miller	21-Aug-10				333.65	335.7	MGR	qtz	fds			fg	FO				White, silicified, weakly foliated micro-leucogranite. 40%fds, 60% qtz.	qtz	PER	s	cla	PER	w	very minor sericitization in some selvedges												245.91	245.92		CTC	MGR-SCH	25		345.49	347.2	112	1	130	BR	qtz	pyr			80		BR	cal	crb		5		About half and half sulfide stringers and carbonate veins with one larger (2cm) braided qtz-pyrite with trace cpy vein at 5degrees 5.
Nucleus	GRD10-172	E. Miller	22-Aug-10				335.7	339.85	SCH	bio	hbl			fg	FO				altered biotite-hbl schist with some intervals of muscovite schist. Chlorite alteration is dominant in hbl-rich zones sericite alteration is dominant within muscovite-dominant sections and carbonate alteration is locally strong within cal vein selvedges. All alterations (apart from teh carbonate alteration) are overprinted by moderate to strong silicification.	qtz	PER	m	chl	PER	m	Also carbonate in selvedges and sericite in more muscovite-rich sections. Minor possible secondary bioite in vein selvedges.												245.92	246.7	50					347.2	348.05	50	1	55	BR	qtz	pyr			80		BR	cal	crb		5		about half and half sulfide stringers and carbonate veins.
Nucleus	GRD10-172	E. Miller	22-Aug-10				339.85	340.22	MGR	qtz	fds			fg	FO				Weakly foliated micro-leucogranite. First 10cm is very, fine grained and looks like it has either been quartz flooded or is a quartz vein.	qtz	per	m				Fairly fresh-looking rock												246.7	246.71		CTC	SCH-QFP	70		348.05	349.7	80	1	90	BR	qtz	pyr			80		BR	cal	crb		5		about half and half sulfide stringers and carbonate veins.
Nucleus	GRD10-172	E. Miller	22-Aug-10				340.22	343.04	SCH	bio	hbl			fg	FO				Dark green to brown biotite-hbl schist with small muscovite schist bands. Schist is bleached to a pale greenish colour at top and bottom of interval. Chlorite alteration of hbl is strong o intense, biotite is altering to chlorite and carbonate. Also some possible secondary biotite. Rock is still perdominantly silicified.	qtz	PER	s	crb	PER	m	also strong chlorite alteration and some possible secondary biotite												247.25	247.26		CTC	QFP-SCH	45		349.7	350.37	40	1	55	BR	qtz	pyr			80		BR	cal	crb		5		about half and half sulfide stringers and carbonate veins.
Nucleus	GRD10-172	E. Miller	22-Aug-10				343.04	344.05	GRA	qtz	bio			mg	EG				Granite with sections and/or rafts of the surrounding schist. Granite is medium- to fine-grained with approximtely 5% biotite , 55% fds, 40% qtz.	qtz	PER	s	chl	PER	m	biotite altering to chlorite and carbonate. Schist raft is bleached and intesnely quartz flooded.												247.26	257.35	40					350.37	350.81	60	1	65	BR	qtz	pyr			80		BR	cal	crb		5		Dominantly sulfide stringers with perhaps 1/5 of veining being made up calcitic veining.
Nucleus	GRD10-172	E. Miller	22-Aug-10				344.05	345.49	SCH	bio	hbl			fg	FO				Dark green chlorite altered, silicified schist that becomes intensely carbonate atlered in the last 20cm of the unit.	qtz	PER	s	crb	PER	s	Chlorite alteration also. Carbonate alteration is weak at the beginning of the unit and intense at the end.												257.35	262.9	45					350.81	352.7	150	1	170	BR	qtz	pyr			80		BR	cal	crb		5		Dominantly sulfide stringers with perhaps 1/10 of veining being made up calcitic veining.

Dataset	Hole_ID	Logged_by	Date_Logged	Ox_From	Ox_To	OXIDATION	Lith_From	Lith_To	Litho	Litho-1	Litho-2	% qtz Phenocryst	% fds Phenocryst	Grain Size	Texture-1	Texture-2	BxClast_1	BxClast_2	Lithology Description	Dominant Alteration	Dominant Alteration Style(doccurrence)	Dominant Alteration Intensity	Secondary Alteration	Secondary Alteration Style(occurrence)	Secondary Alteration Intensity	Alteration Description	Min_From	Min_To	pyrite	Pyrite %	Cpy%	Prt%	Asp%	Other	Other%	Mineralization Description	Structure From	Structure To	Foliation CA	Struct_type1	Struct_subtype1	Struct_CA1	Structure Description	Vein From	Vein To	Number of Veins	Cummulative Vein Thickness mm	Common Thickness mm	Vein Inf-Type_1	Dominent Inf-Mineralogy_1	Sulfide Mineralogy_1_1	Sulfide Mineralogy_1_2	Sulfide Mineralogy_1_3	Total Sulfide %_1	Vein CA_1	Vein Inf-Type_2	Dominent Inf-Mineralogy_2	Sulfide Mineralogy_2_1	Sulfide Mineralogy_2_2	Sulfide Mineralogy_2_3	Total Sulfide %_2	Vein CA_2	Vein Zone Description
Nucleus	GRD10-172	E. Miller	22-Aug-10				345.49	347.2	PPF	fds	crb		2	vf	PO				intensely clay altered ansd silicified PPF. Beige to greyish, non descript appearance with blebby disseminated pyrite. Same as 318.85-319.2m.	crb	PER	s	cla	PER	m	Intense alteration has destroyed many of the features fo the rock including original mineralogy and obscured textural characteristics. It has left the rock non-descript tan to beige in colouration.												262.9	262.91		CTC	SCH-GRA	45		352.7	353.9	59	1	65	BR	qtz	pyr			70		DS	cal						veining blends in with and melds with breccia matrix... a few cut the breccia and some are brecciated along with the host rock. Mineralisation dominantly hosted in breccia matrix.
Nucleus	GRD10-172	E. Miller	22-Aug-10				347.2	348.05	SCH	bio	hbl			fg	FO				Dark green chlorite altered, silicified and carbonate altered biotite-hbl schist. As carbonate alteration increases silicification decreases	crb	PER	m	chl	PER	s	qtz patchy moderate to strong.												262.91	264.13		CTC	GRA-SCH	35		353.9	362.71	445	1	500	BR	qtz	pyr	chl		50		DS	cal						Dominantly sulfide stringers with perhaps 1/6 of veining being made up calcitic veining. EOH
Nucleus	GRD10-172	E. Miller	22-Aug-10				348.05	349.7	SCH	cla	crb			fg	FO				Bleached, tan-buff schist with intense clay and carboante alteration undermining the rock competency... particularly at the beginning of the interval which looks as though there may be some fault gouge.	crb	PER	i	cla	PER	i	gives rock a tan-buff colour and undermines its competence and hardness.												264.13	268.9	50																					
Nucleus	GRD10-172	E. Miller	22-Aug-10				349.7	350.37	GRA	qtz	bio			mg	EG				Medium- to fine-grained granite with approximtely 5% biotite , 55% fds, 40% qtz. Feldspars are altering to clay and carbonate while biotite is altering to chlorite and carbonate.	cla	PER	s	crb	PER	s													268.9	281.9	80																					
Nucleus	GRD10-172	E. Miller	22-Aug-10				350.37	350.81	PPF	fds	crb		2	vf	PO				intensely clay altered ansd silicified PPF. Beige to greyish, non descript appearance with blebby disseminated pyrite. Same as 318.85-319.2m.	crb	PER	s	cla	PER	m	Intense alteration has destroyed many of the features fo the rock including original mineralogy and obscured textural characteristics. It has left the rock non-descript tan to beige in colouration.												281.9	281.91		CTC	SCH-GRA	90																					
Nucleus	GRD10-172	E. Miller	22-Aug-10				350.81	352.7	GRA	qtz	bio			mg	EG				Medium- to fine-grained granite with approximtely 5% biotite , 55% fds, 40% qtz. Feldspars are altering to clay and carbonate while biotite is altering to chlorite and carbonate.	cla	PER	s	crb	PER	m													281.91	282.53		CTC	GRA-SCH	70																					
Nucleus	GRD10-172	E. Miller	22-Aug-10				352.7	353.9	SBX	pyr	qtz				BX		GRA	SCH	A sulfide-rich breccia ranging from clasts to matrix supported. Matrix material ranges from sulfide bearing quartz to sulfide bearing clays while clast composition is domminantly microgranite and schist fragments with lesser quartz-sulfide and carbonate fragments also some rare fragments that look like extremely altered subvolcanic porphyry.	cla	PER	s	qtz	PER	s													282.53	282.85	80																					
Nucleus	GRD10-172	E. Miller	22-Aug-10				353.9	362.71	SCH	bio	hbl			fg	FO				Dark green to brown biotite-hbl schist with small muscovite schist bands. Several small intervals where schist is bleached to a pale greenish colour. Chlorite alteration of hbl is strong to intense, biotite is altering to chlorite and carbonate. Also some possible secondary biotite giving rock a reddish-brown to marroon colour in places (particularly within the top 4m). Rock is still perdominantly silicified but where carbonate alteration becomes strong silicification is absent and the rock competency is affected negatively giving rise to a couple intervals that almost look faulted. EOH	qtz	PER	s	crb	PER	s	also chlorite alteration (increasing in predominance downhole), minor intervals of sericite alteration and possible secondary biotite (particularly in the top 4m) EOH												282.85	282.92		DYK	GRA	70																					
Nucleus	GRD10-172	E. Miller	22-Aug-10																																			282.92	283.2	80																					
Nucleus	GRD10-172	E. Miller	22-Aug-10																																			283.2	283.24		DYK	GRA	75																					
Nucleus	GRD10-172	E. Miller	22-Aug-10																																			283.24	283.6	75																					
Nucleus	GRD10-172	E. Miller	22-Aug-10																																			283.6	283.68		DYK	GRA	85																					
Nucleus	GRD10-172	E. Miller	22-Aug-10																																			283.68	283.82	85																					
Nucleus	GRD10-172	E. Miller	22-Aug-10																																			283.82	283.86		DYK	GRA	85																					
Nucleus	GRD10-172	E. Miller	22-Aug-10																																			283.86	285.3	80																					
Nucleus	GRD10-172	E. Miller	22-Aug-10																																			285.3	285.31		CTC	SCH-GRA	80	Contact irregular and microfaulted.																									
Nucleus	GRD10-172	E. Miller	22-Aug-10																																			285.31	285.69		CTC	GRA-SCH	80	Contact irregular and microfaulted.																									
Nucleus	GRD10-172	E. Miller	22-Aug-10																																			285.69	287.39	70																					
Nucleus	GRD10-172	E. Miller	22-Aug-10																																			287.39	287.4		CTC	SCH-GRA	80																					
Nucleus	GRD10-172	E. Miller	22-Aug-10																																			287.4	288.78		CTC	GRA-SCH	70																					
Nucleus	GRD10-172	E. Miller	22-Aug-10																																			288.78	301.87	65																					
Nucleus	GRD10-172	E. Miller	22-Aug-10																																			301.87	315.67		CTC	GRA-SCH	30																					

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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Drill Hole Summary

Property:	Freegold		
Zone:	Nucleus		
Drill Hole ID:	GRD10-174		
UTM Easting:	379586.32	**Elevation (m):**	873.68
UTM Northing:	6913961.458	**Azimuth:**	0
(NAD 83, Zone 8)		**Dip:**	-55
Depth (m):	308.76		
Drill Contractor:	Kluane Drilling Ltd.	**Logged by:**	K. Dodd
Date Started:	24-Aug-10	**Date Started:**	27-Aug-10
Date Completed:	31-Aug-10	**Date Completed:**	01-Sep-10
Core Size:	NTW		

Comments: Alternating SCH and MGR with cpy in veins in both rock tpyes. Very broken crumbly core, appear to be drilling down a fault. Sampled to 307m. The last part of the hole was reaming material. Hole shut down because target depth had been reached and it would take too long to clear the hole to resume drilling.

Batch Sheets:	10NFR068
Sample Range:	I041656-I041856

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfde %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfde %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfde %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfde %_2 | Vein CA_2 | Vein Zone Description |
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Drill Hole Summary

Property:	Freegold		
Zone:	Nucleus		
Drill Hole ID:	GRD10-167		
UTM Easting:	379398.324	**Elevation (m):**	866.71
UTM Northing:	6913209.796	**Azimuth:**	0
(NAD 83, Zone 8)		**Dip:**	-55
Depth (m):	310.59		
Drill Contractor:	Kluane	**Logged by:**	S. Dyck
Date Started:	11-Jul-10	**Date Started:**	13-Jul-10
Date Completed:	15-Jul-10	**Date Completed:**	20-Jul-10
Core Size:	NTW		

Comments: Mainly schist (biotite and muscovite) throughout with small microgranite intrusions all the way down hole. Fault breccia zones, mostly clay rich, some silica rich. Dark QFP dyke at 190.3-208.17 m with increased chalcopyrite. Blebby chalcopyrite in large quartz vein at 157.35-158.3 m, also arsenopyrite, hematite, pyrite and molybdenite.

Batch Sheets:	10NFR040
Sample Range:	I040219-I040434

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfde %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfde %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfde %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfde %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfde %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfde %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfde %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfde %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfde %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfde %_2 | Vein CA_2 | Vein Zone Description |
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Drill Hole Summary

Property:	Freegold		
Zone:	Revenue		
Drill Hole ID:	RVD10-009		
UTM Easting:	381846.357	**Elevation (m):**	810.55
UTM Northing:	6913298.008	**Azimuth:**	0
(NAD 83, Zone 8)		**Dip:**	-60
Depth (m):	300.23 m		
Drill Contractor:	Kluane Drilling	**Logged by:**	K. Dodd
Date Started:	31-Aug-10	**Date Started:**	02-Sep-10
Date Completed:	06-Sep-10	**Date Completed:**	08-Sep-10
Core Size:	NTW		

Comments: Granodiorite with sericitic alteration and patchy weak potassic alteration. Disseminated cpy, pyr and sulphide veins. Scheelite disseminated and in veins, most prevalent at the top of the hole. Fine stockwork stringers of qtz and biotite with magnetic material. Minor PPF dykes, minor molybdenite in qtz veins. Tuffisite from 232.6-243.50m, after which stockwork veins, potassic alteration and disseminated cpy decrease in variably altered granodiorite.

Batch Sheets: 10NFR073

Sample Range: I041857-I042000, I043001-I043048

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Uth_From | Uth_To | Uthlo | Uthlo-1 | Uthlo-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Uthology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Uth_From | Uth_To | Utho | Utho-1 | Utho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Uthology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cumulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Uth_From | Uth_To | Utho | Utho-1 | Utho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Uthology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide % 2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cumulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Uth_From | Uth_To | Utho | Utho-1 | Utho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Uthology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Uth_From | Uth_To | Utho | Utho-1 | Utho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Uthology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Uth_From | Uth_To | Uthlo | Uthlo-1 | Uthlo-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Uthology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Uth_From | Uth_To | Utho | Utho-1 | Utho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Uthology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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Drill Hole Summary

Property:	Freegold		
Zone:	Revenue		
Drill Hole ID:	RVD10-010		
UTM Easting:	382296.468	**Elevation (m):**	799.66
UTM Northing:	6913358.763	**Azimuth:**	225
(NAD 83, Zone 8)		**Dip:**	-50
Depth (m):	350.52	**Depth (ft):**	1150
Drill Contractor:	Kluane Drilling Ltd.	**Logged by:**	L. Lewis
Date Started:	06-Sep-10	**Date Started:**	07-Sep-10
Date Completed:	14-Sep-10	**Date Completed:**	17-Sep-10
Core Size:	NTW		

Comments: This drill hole was testing the tuffisite-granodiorite contact and follow-up encouraging results in the breccia from GRD68-05 and 69-01. Due to the hillside slump, the upper 69 meters is reworked overburden (tuffisite) and frequent ice filled cavities. Casing down to 225' (68.58m). Bedrock starts at 69.49m. At 244' (74.37m), water was encountered, ~40 gal/min. The breccia carries spotty mineralization (pyr, cpy, mol and black sx flecks) in both the clasts and matrix, usually concentrated in zones of strong alteration, but lacks veining. 130.25-132.0m: mineralized zone with 5% cpy, 8% pyr & 3% dark fg sxs. 135.9-136.2m: 40% banded vuggy qtz-crb veining with 5% granular dull grey to black sx (sulphosalts?). 169.0-189.0m: breccia contains abundant grd clasts with early qtz-cpy stringers. Below this, there is a section of what looks like unbrecciated QFP with 2% pyr cubes. From 205-311.75m (Tuf-Grd contact) there is sporadic visible cpy (possible mol), usually in the intervals with GRD breccia clasts. Below 311.75m is variably altered GRD with the most abundant cpy (scheelite) adjacent to the upper contact (1.5% cpy). From 313.75-321.1m: 1% pyr, 0.5% cpy, tr mol. This amount generally decreases with depth. One other good section was cut from 338.7-340.7m which carried a 0.5-2cm vein of massive cpy, scheelite with minor qtz-crb-bio-chl veining. The hole ended at 350.52m in GRD.

Batch Sheets:	10NFR074
Sample Range:	I042225-I042434

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfde %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfde %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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Drill Hole Summary

Property:	Freegold		
Zone:	Revenue		
Drill Hole ID:	RVD10-011		
UTM Easting:	382326.411	**Elevation (m):**	812.14
UTM Northing:	6913152.65	**Azimuth:**	0
(NAD 83, Zone 8)		**Dip:**	-65
Depth (m):	239.27		
Drill Contractor:	Kluane Drilling Ltd.	**Logged by:**	K. Dodd
Date Started:	15-Sep-10	**Date Started:**	16-Sep-10
Date Completed:	18-Sep-10	**Date Completed:**	20-Sep-10
Core Size:	NTW		

Comments: Hole collared in GRD with disseminated pyr, prt and blebby cpy. Veins contain qtz with fine dark material, some of which are magnetic. Disseminated prt and possible mte result in elevated mag sus values until about 105m. TUF encountered at 137.4m. Moderately clay altered with blebby disseminated pyr replacing qtz eyes and fds phenocrysts. Trace cpy but prt not found in TUF. Drill hole ended in TUF, shut down to allow for further drilling.

Batch Sheets:	10NFR080
Sample Range:	I042435-I042594

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Secondary Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralgy_1_1 | Sulfide Mineralgy_1_2 | Sulfide Mineralgy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralgy_2_1 | Sulfide Mineralgy_2_2 | Sulfide Mineralgy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ok_From | Ok_To | OXIDATION | Uth_From | Uth_To | Uthlo | Uthlo-1 | Uthlo-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Uthology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Secondary Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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Dataset	Hole_ID	Logged_by	Date_Logged	Ox_From	Ox_To	OXIDATION	Uth_From	Uth_To	Litho	Litho-1	Litho-2	% qtz Phenocryst	% fds Phenocryst	Grain Size	Texture-1	Texture-2	BxClast_1	BxClast_2	Lithology Description	Dominant Alteration	Dominant Alteration Style(occurrence)	Dominant Alteration Intensity	Secondary Alteration	Secondary Alteration Style(occurrence)	Secondary Alteration Intensity	Alteration Description	Min_From	Min_To	pyrite	Pyrite %	Cpy%	Prt%	Asp%	Other	Other%	Mineralization Description	Structure From	Structure To	foliation CA	Struct_type1	Struct_subtype1	Struct_CA1	Structure Description	Vein From	Vein To	Number of Veins	Cummulative Vein Thickness mm	Common Thickness mm	Vein Inf-Type_1	Dominent Inf-Mineralogy_1	Sulfide Mineralogy_1_1	Sulfide Mineralogy_1_2	Sulfide Mineralogy_1_3	Total Sulfide %_1	Vein CA_1	Vein Inf-Type_2	Dominent Inf-Mineralogy_2	Sulfide Mineralogy_2_1	Sulfide Mineralogy_2_2	Sulfide Mineralogy_2_3	Total Sulfide %_2	Vein CA_2	Vein Zone Description
Revenue	RVD10-011	K. Dodd	18/09/10	0			92.96	94.78	GRD	bio	fds		1	CG	PO				Weakly porphyritic GRD with weak pervasive ser alteration. Vein set is a continuation from above, but number of veins decreases and ser alteration has increased. Well defined grains in GRD with fresher bio than above. Decrease diss sulphides	qtz	OVP	i	ser	PAT	w		77	87.72	pyr	0.1	0.01	1		shl	0.01	diss prt, pyr and trace cpy. Trace shl.								54.1	58	35	35	1																Vein 1: Five Dark magnetic qtz veins at 70-90 TCA, 1-3mm, . Vein 2: twenty eight qtz bio with sulphides - pyr, cpy and or prt at 50 TCA. Vein 3: two cross cut the other two veins. 2-4mm smokey qtz veins with 1-5% diss sulphides - pyr, prt, cpy and/or mol, generally at edges of qtz veins 50 TCA.
Revenue	RVD10-011	K. Dodd	18/09/10	0			94.78	101.3	GRD	bio	fds		1	CG	PO				Variably altered intensely silicified GRD with bleached zone and zones of increased bio around 40-60 TCA 1cm qtz veins. Mod ser alteration and increased blebby sulphides in veins. Diss sulphides associated with bio. Bio weakly to strongly altered, no bio left in bleached zone from 97.70-98.40m	qtz	OVP	i	ser	PAT	m	weak patchy kfs alteration	87.72	92.96	pyr	1	0.01	1													58	62.48	20	20	1																Vein1: qtz bio with sulphides - pyr, cpy and or prt at 50 TCA. One 1 cm vein at 59.20m, qtz cal vein with pyr and trace mol, about 25% sulphides, 30 TCA. Vein 2: one smokey qt vein with qtz, chl, cpy and mol at 20 TCA.
Revenue	RVD10-011	K. Dodd	18/09/10	0			101.3	108.81	GRD	bio	fds		3	CG	PO				Strongly silicified GRD with patchy fds phenos, 1-1.5cm. Pervasive mod ser alteration with patchy weak kfs alteration. Increase in dark qtz veins from previous section. Sheeted veins at 30 TCA dominate start of the zone, veining decreases between 103.5 and 104.7m then increases again until the end of the unit. Veins generally at 30-50 TCA from 104.7-108.10 becoming more stockwork after 106m. Ser alteration increases toward end of unit which is faulted from 108.10-108.81m. Core altered to ser and clay, crumbly sandy core, no identifiable features.	qtz	OVP	i	ser	PER	m	weak kfs alteration from 101.3-102.2m.	92.96	94.78	pyr	0.01	0.01	0.1						diss sulphides								62.48	65	25	25	1																Vein 1: 24 qtz with bio/fine dark minerat at 40-50 TCA, may have pyr, cpy and or prt. Vein 2: one smokey qtz vein with chl and cpy, 1-2mm 10 TCA.
Revenue	RVD10-011	K. Dodd	19/09/10	0			108.81	112.25	GRD	cla	fds			CG	BL				Clay altered bleached GRD. No bio, all altered to clay. Qtz vein at upper contact with fault with fine dark material at margins at 20 TCA. Veins repeated across zone. Decrease after 110.20m. Ser alteration around clay cal veins around 112m, selvage to the vein. Weak diss pyr.	cla	PER	m	ser	PAT	m	fds and bio altered to clay. Mod patchy ser alteration around 112m associated with clay cal veins	94.78	101.3	pyr	0.2	0.5	0.5						diss sulphides								65	68	30	15	0.5																Vein 1: 15 stockwork of qtz with bio/fine dark mineral at 30-50 TCA, may have pyr, cpy and or prt. Vein 2:5 very fine pyr veins at 80 TCA, 90% sulphides and qtz. Vein 3: 15hairline qtz bio veins at 60 TCA.
Revenue	RVD10-011	K. Dodd	19/09/10	0			112.25	116.09	GRD	cla	fds			MG	EG	FX			Strongly ser altered fractured and broken GRD. Clay and cal on fracture surfaces, larger cal veins than seen above noted in this zone. Very fractured broken rock from 113-113.6m. Two rhodochrosite veins at 115.20m 50 TCA. Mod to strong qtz overprint with bio altered to purpley brown. Bio alteration increases down hole, more clay as next bleached zone is approached.	ser	PER	s	cla	per	m	Clay is mod to strong, stronger at lower contact and from 113-113.6m	101.3	108.81	pyr	0.5	0.1	1													68	74.68	50	60	1																Vein1: fifteen steeper 1-2mm qtz veins with fine dark material - non magnetic 50-60 TCA, sulphides appear to be diss around or over vein not part of the vein. Vein2: twenty 1-2mm qtz veins with fine dark material as above, non magnetic 30 TCA. Vein 3: ten 1-4mm smokey qtz vein with a combination of pyr, prt, cpy, mol, shl chl 20-30 TCA. One 1cm qtz vein with cpy and pyr at 73.70m at 50 TCA. One vein at 68.90m 1cm smokey qtz vein with mol and cpy and blebby pyr. Cut by 3mm qtz cal vein with chl
Revenue	RVD10-011	K. Dodd	19/09/10	0			116.09	125.5	GRD	cla	fds			MG	EG	BL			Variably altered bleached GRD with zones of mod to strong ser alteration. Zones of increased clay alteration, core is sandy, can stick a knife through it. In bleached zones bio is altered to clay, in ser zones bio is weakly to moderately altered. Later veins seem to be present, the cal veins and the smokey qtz veins with cpy and minor prt. Don't see as many qtz veins mixed with fine dark material. In ser altered zones rock is dark green with increased silicification, usually strong. Diss pyr across unit	cla	PER	s	qtz	OVP	m		108.81	112.25	pyr	0.1				sox	0.1	diss pyr and diss sox.								74.68	77	50	25	0.5																Vein 1: ST NS qtz and dark material veins with chl around 75m. Zone is magnetic. Vein 2: 10 1mm dark veins at 30 TCA. Vein 3: one qtz chl vein with sulphides, pyr at 10 TCA. Vein 4: five 1mm qtz bio veins with pyr at 30 TCA outside zone of vein two veins.
Revenue	RVD10-011	K. Dodd	19/09/10	0			125.5	126.23	GRD	ser	fds			FG					Strongly sericitized GRD. Groundmass looks FG and dark green with 1-2mm qtz and qtz grains visible. Fine diss pyr. Zone cut by qtz veins with fine dark material and weak sulphides and later clay cal veins.	ser	PER	i	qtz	OVP	m		112.25	116.09	pyr	0.01						trace diss pyr.								77	81	45	45	1																Vein 1: twenty five 1-2mm qtz vein with fine dark black material with sulphides, pyr, prt, cpy, 30 TCA. Vein 2: twenty 1: 1-2mm qtz vein with fine dark black material with sulphides, pyr, prt, cpy, 50-60 TCA.
Revenue	RVD10-011	K. Dodd	19/09/10	0			126.23	127.6	GRD	cla	fds			MG	EG	BL			GRD as from 116.09 to 125.5m. Minor xenolith of QFP material at 126.9m. Very weak PRE ser alteration, bio altered to clay. Minor qtz stringers.	ser	PER	w	qtz	OVP	m	bio altered to clay.	116.09	125.5	pyr	0.5	0.01													81	87.72	50	60	1																Vein 1: fifteen 1-2mm qtz vein with fine dark black material, generally don't have sulphides, but not always. 50 TCA. Vein 2: twenty five 1-2mm qtz vein with fine dark black material with sulphides, pyr, prt, cpy, 30 TCA. Vein 3: ten 1-5mm smokey qtz veins with chl, pyr, prt, cpy, mol shl or a some combination there of. 30 TCA. One 3mm qtz cal vein with Shl at 86m with bio selvage containing concentration of prt.
Revenue	RVD10-011	K. Dodd	19/09/10	0			127.6	135.64	QFP	fds	qtz	1	0.25	VF	EG	FX			Weakly but pervasively ser altered moderately silicified QFP with 1% qtz eyes, 1-3mm and occasional 3-5mm fds phenos. Light green with blebby pyr associated with qtz eyes or fds phenos. Possible trace cpy. Qtz veins with blebby pyr and fine dark sulphides.	ser	PER	w	qtz	OVP	m	Core is light green.	125.5	126.23	pyr	0.5						diss pyr								87.72	88	4	10	2	NS	qtz	bio	prt	prt											NS qtz veins with bio and blebby prt in mafic zone. Veins are hard to see and very convoluted.
Revenue	RVD10-011	K. Dodd	19/09/10	0			135.64	137.4	FAU										Fault in TUF. Can see clasts of TUF but zone is totally clay altered, can stick a knife through it. No sulphides visible.	cla	PER	i					126.23	127.6	pyr	0.1						diss pyr								88	89.92	40	40	1																Veins in qtz flooded vein zone. Vein 1: massive qtz vein at 30 TCA with bio veins parallel to qtz vein. Diss pyr and prt present but hard to tell if they are in the vein as part of the vein or later sulphide overprint. Vein 2: 1cm qtz vein parallel TCA that is part of qtz flooding. Bio veins parallel to qtz and contain prt and chl. Zone is cut by Vein 3: 30ish 1mm qtz bio veins at 30 TCA and if they contain sulphides have prt, maybe some prty, didn't see and cpy. Vein 4: Five smokey qtz veins with chl, shl, prt cpy mol. 1-2mm, 50 TCA. One vein at 10 TCA. All cut by late hairline cal veins.

| Dataset | Hole_ID | Logged_by | Date_Logged | Ok_From | Ok_To | OXIDATION | Uth_From | Uth_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Uthology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Uth_From | Uth_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Secondary Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Uth_From | Uth_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Secondary Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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Drill Hole Summary

Property:	Freegold		
Zone:	Revenue		
Drill Hole ID:	RVD10-12		
UTM Easting:	382907.049	**Elevation (m):**	904.22
UTM Northing:	6913072.62	**Azimuth:**	0
(NAD 83, Zone 8)		**Dip:**	-60
Depth (m):	340.77		
Drill Contractor:	Kluane	**Logged by:**	E. Miller
Date Started:	19-Sep-10	**Date Started:**	19-Sep-10
Date Completed:	26-Sep-10	**Date Completed:**	26-Sep-10
Core Size:	NTW		

Comments: From the top of the hole to ~216m depth there is a silicified granodiorite with mafics dominated by hornblende but also with lesser amounts of biotite and magnetite. This granodiorite is variably mineralised with pyrite, chalcopyrite, and scheelite… much of the mineralisation is within veining but a significant portion is also observed as disseminations. After ~216m the rest of the hole is within a polymictic magmatic breccia (tuffisite) clasts consist primarily of porphyritic subvolcanics, schist, granodiorite and clasts of itself (autobrecciated). This unit is quite highly mineralised at the top with abundant pyrite, chalcopyrite and scheelite along with accessory molybdenite and a unknown black mineral that may be a silver or copper sulfide. All types of mineralisation are patchy and irregularly distributed throughout the unit but are generally decreasing downhole.

Batch Sheets:	10NFR083
Sample Range:	I043049-I043266

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | stil% | Other | Other% | Mineralisation Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralgy_1_1 | Sulfide Mineralgy_1_2 | Sulfide Mineralgy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralgy_2_1 | Sulfide Mineralgy_2_2 | Sulfide Mineralgy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(ocurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(ocurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | sfl% | Other | Other% | Mineralisation Description | Structure From | Structure To | Foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralgy_1_1 | Sulfide Mineralgy_1_2 | Sulfide Mineralgy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralgy_2_1 | Sulfide Mineralgy_2_2 | Sulfide Mineralgy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
|---|---|---

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | sh% | Other | Other% | Mineralisation Description | Structure From | Structure To | foliation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralgy_1_1 | Sulfide Mineralgy_1_2 | Sulfide Mineralgy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralgy_2_1 | Sulfide Mineralgy_2_2 | Sulfide Mineralgy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
|---|---|---

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(ocurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(ocurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | sh% | Other | Other% | Mineralisation Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralgy_1_1 | Sulfide Mineralgy_1_2 | Sulfide Mineralgy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralgy_2_1 | Sulfide Mineralgy_2_2 | Sulfide Mineralgy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
|---|---|---

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(ocurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(ocurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | shl% | Other | Other% | Mineralisation Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralgy_1_1 | Sulfide Mineralgy_1_2 | Sulfide Mineralgy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralgy_2_1 | Sulfide Mineralgy_2_2 | Sulfide Mineralgy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
|---|---|---

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(ocurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(ocurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | sfal% | Other | Other% | Mineralisation Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
|---|---|---

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | shl% | Other | Other% | Mineralisation Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
|---|---|---

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(ocurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(ocurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | sh% | Other | Other% | Mineralisation Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
|---|---|---

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration Intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | sph% | Other | Other% | Mineralisation Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralgy_1_1 | Sulfide Mineralgy_1_2 | Sulfide Mineralgy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralgy_2_1 | Sulfide Mineralgy_2_2 | Sulfide Mineralgy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
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Drill Hole Summary

Property:	Freegold
Zone:	Revenue
Drill Hole ID:	RVD10-013
UTM Easting:	382801
UTM Northing:	6913105
(NAD 83, Zone 8)	
Elevation (m):	915
Azimuth:	0
Dip:	-75
Depth (m):	300.23
Drill Contractor:	Kluane
Date Started:	26-Sep-10
Date Completed:	01-Oct-10
Core Size:	NTW
Logged by:	D. James
Date Started:	27-Sep-10
Date Completed:	02-Oct-10

Comments: Entire hole in granodiorite except for a few short dykes. Fault and silicified infill breccia 36.7-45.1m. Cross cuts mineralization. No potassic alteration or secondary biotite. Low disseminated mineralization, most mineralization in veins. pyr>prt>cpy=sul>shl. Best zone of mineralization is 230-240. Vein groups- not in order of occurence: Vein A - wispy pyr and bio. Vein B - banded qtz+creamy carb+ or - pyr,sul,cpy. Late Vein C - light grey "fat" quartz + or - sul,ser,pyr,cpy sometimes with bio+pyr selvage. Sharp edges. Vein D - qtz+pyr + or - bio, cpy, prt. Diffuse edges, thin. Vein E - Dark quartz+ clay+sulphides. Vein type E could be a variation of the carbonate vein B. Vein F - pure calcite - latest event. Vein G - dark qtz+bio+mag. Often occurs in swarms, which are associated with silicification and biotie flooding. Early event.

Batch Sheets:	10NFR086
Sample Range:	I043267-I043453

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
|---|---|---

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | %-qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
|---|---|---

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
|---|---|---

| Dataset | Hole_ID | Logged_by | Date_Logged | Ox_From | Ox_To | | OXIDATION | Lith_From | Lith_To | Litho | Litho-1 | Litho-2 | % qtz Phenocryst | % fds Phenocryst | Grain Size | Texture-1 | Texture-2 | BxClast_1 | BxClast_2 | Lithology Description | Dominant Alteration | Dominant Alteration Style(occurrence) | Dominant Alteration intensity | Secondary Alteration | Secondary Alteration Style(occurrence) | Secondary Alteration Intensity | Alteration Description | Min_From | Min_To | pyrite | Pyrite % | Cpy% | Prt% | Asp% | Other | Other% | Mineralization Description | Structure From | Structure To | Isolation CA | Struct_type1 | Struct_subtype1 | Struct_CA1 | Structure Description | Vein From | Vein To | Number of Veins | Cummulative Vein Thickness mm | Common Thickness mm | Vein Inf-Type_1 | Dominent Inf-Mineralogy_1 | Sulfide Mineralogy_1_1 | Sulfide Mineralogy_1_2 | Sulfide Mineralogy_1_3 | Total Sulfide %_1 | Vein CA_1 | Vein Inf-Type_2 | Dominent Inf-Mineralogy_2 | Sulfide Mineralogy_2_1 | Sulfide Mineralogy_2_2 | Sulfide Mineralogy_2_3 | Total Sulfide %_2 | Vein CA_2 | Vein Zone Description |
|---|---|---

Scale 1:1,000
Section Origin (top left)
379,700 m E
6,913,100 m N
1,050 m RL
Orientation .0 deg

1,000mRL
900mRL
800mRL
700mRL
600mRL

6,913,300mN
6,913,400mN
6,913,500mN
6,913,600mN
6,913,700mN
6,913,800mN
6,913,900mN
6,914,000mN
6,914,100mN

GRD09-143
GRD09-140
GRD09-134
GRD10-164
GRD10-165

NRC - No Recovery
GNE - Gneiss
FAU - Fault
FPP - Feldspar Porphyry
GRA - Granite
SCH - Schist
QMO - Quartz Monzonite
MRX - Generic Breccia
MGR - Microgranite
QFP - Quartz Feldspar Porphyry
OVB - Overburden
QDI - Quartz Diorite
QUA - Quartzite
DIO - Diorite
GRD - Granodiorite
QTZ - Quartz
APL - Aplite
AND - Andesite
MON - Monzonite
VEI - Vein
AMP - Amphibolite
MSK - Mineralized Skarn
SZN - Sulphide Zone
BAS - Basalt
REW - Reworked Overburden
DYK - Dyke
MYL - Mylonite
SBX - Sulphide Breccia (30% sc)
M_GRA - Meta Granite
DAC - Dacite
FBX - Fault Breccia
FIN - Felsic Intrusive
GBR - Gabbro
GRN - Granitoid
HBX - Hydrothermal Breccia
IBX - Intrusive Breccia
INI - Intermediate Intrusive
UNK - Unknown
MAI - Mafic Intrusive
SYE - Syenite
MDI - Monzodiorite/Monzogabbro
RHY - Rhyolite
TUF - Tuffaceous
HBT - Hornblendite
LEU - Leucogranite
BXX - Brecwerk Breccia
MGRSCH
SCHWNGRQTZ

Legend for Lith1_Code

Legend for Au_ppm

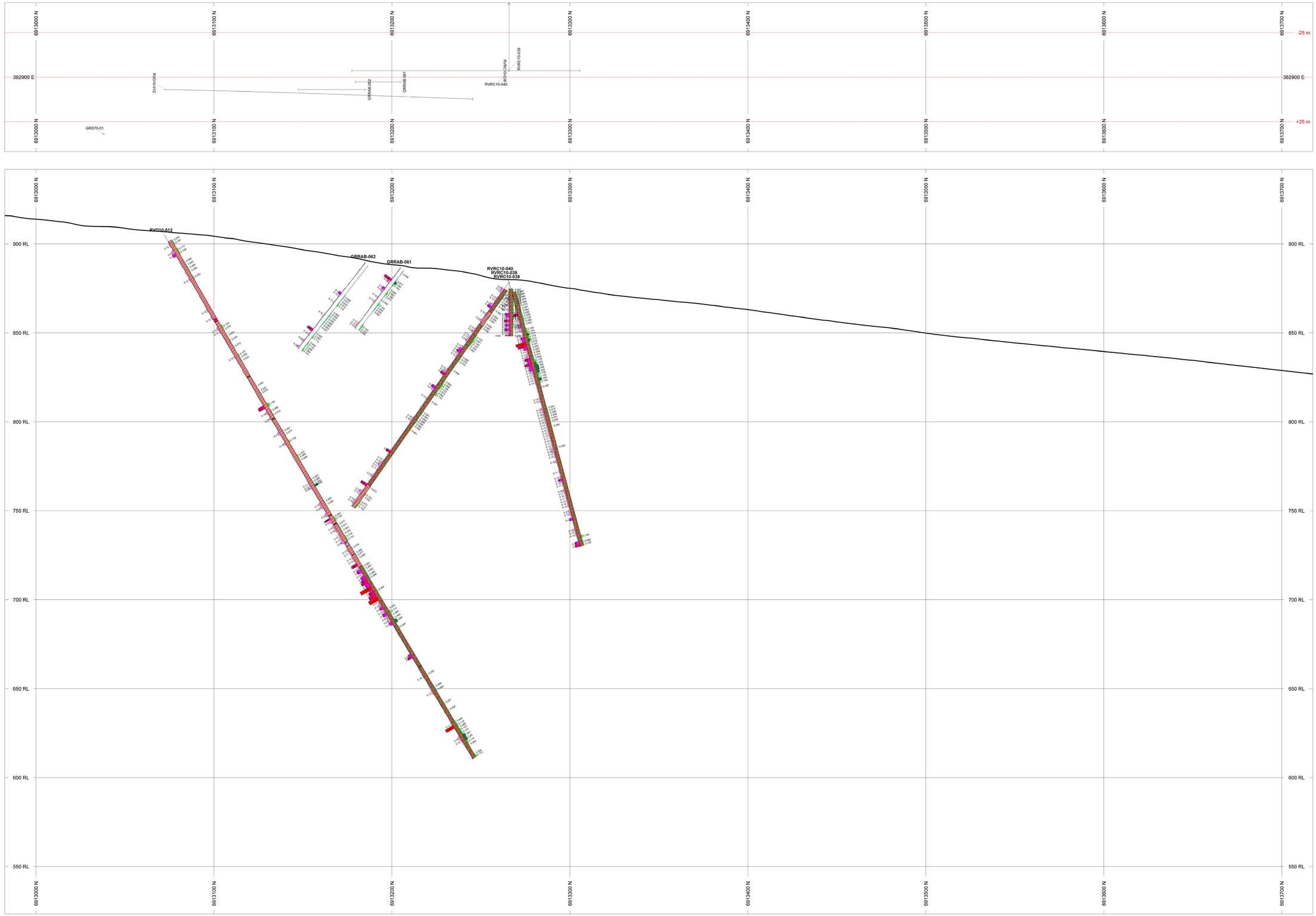
Legend for Cu_pct

Northern Freegold Resources Ltd.

Nucleus 2010 Report
E379700
GRD10-164, 165
25m Section Width
North-South Section

Date:19/5/2011
Author: GH
Office: Vancouver
Drawing: Plate 1
Scale: 1:1000
Projection: Non-Earth (meters)

0 25 50
metres



HOLES PLOTTED

TOTAL 6

GRRAB-061	GRRAB-062	RVD10-012
RVRC10-038	RVRC10-039	RVRC10-040

NORTHERN FREEGOLD RESOURCES LTD.

PROFILES L/R COL
Cu_pct R
1
0.5
0.2
0.1
0.05
0.01

Au_ppm L
10
3
1
0.5
0.3
0.2
0.1

ROCK CODES Lith1_Code	PAT	LABEL	DESCRIPTION
		AND	Andesite
		GRD	Granodiorite
		MGR	Microgranite
		QFP	Quartz Feldspar Porphyry
		DAC	Dacite
		TUF	Intrusive Breccia

ASSAYS	L/R	TEXT
Au2	L	------
Cu2	R	------

SECTION SPECS:

REF. PT. E, N	382900 m	6913350 m
EXTENTS	735 m	418.6 m
SECTION TOP, BOT	941.9 m	523.3 m
TOLERANCE +/-	25 m	

SCALE 1 : 1000

(m)

-5 0 5 10 15 20 25 30

NAD83 / UTM zone 8N

AZIMUTH = 0°

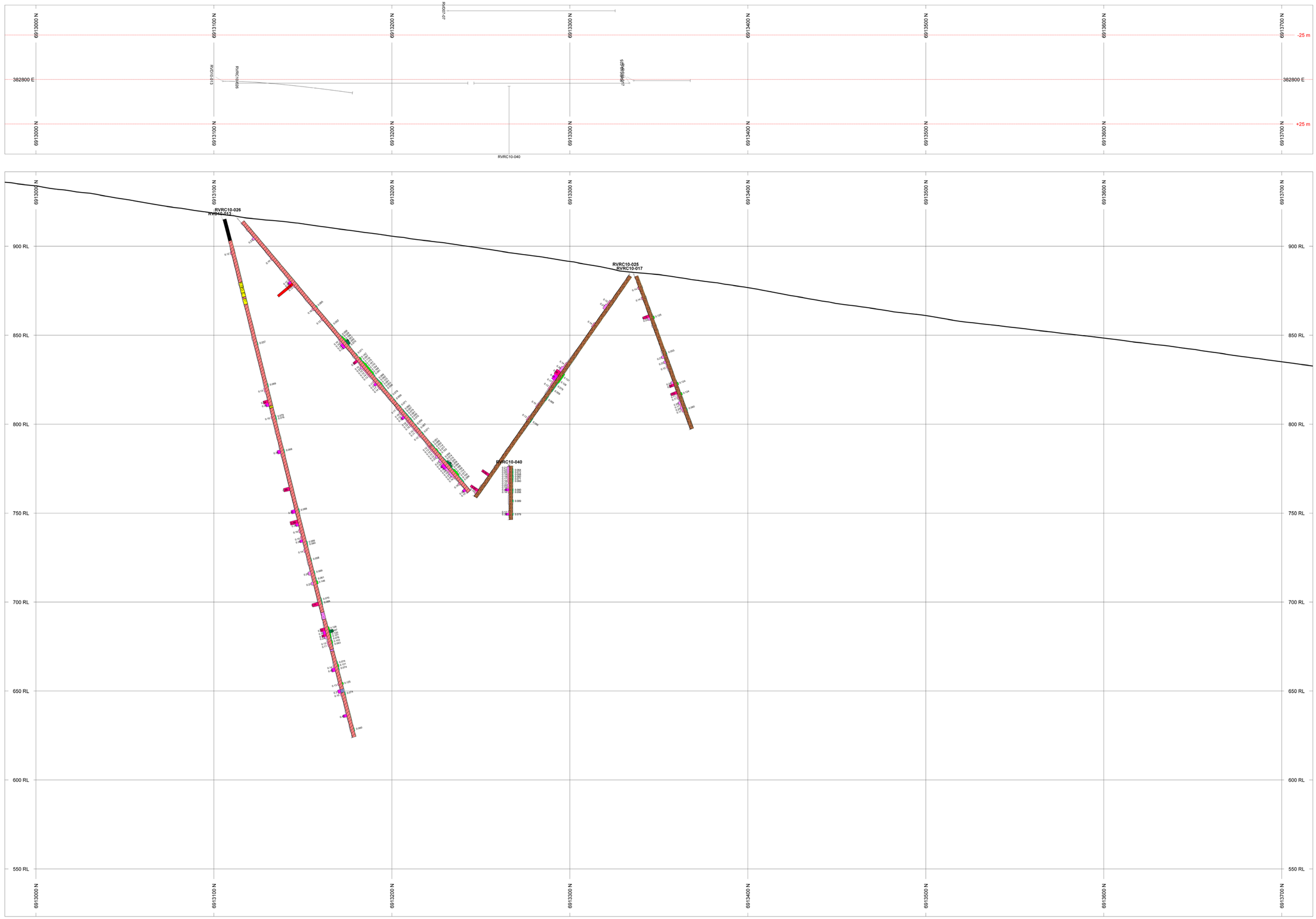
N W E S

Northern Freegold Resources

Revenue Zone

382900E SECTION

February 2011 Plate 10



HOLES PLOTTED

TOTAL 5

RVD10-013
RVRC10-026
RVRC10-017
RVRC10-040
RVRC10-025

NORTHERN FREEGOLD RESOURCES LTD.

PROFILES L/R COL
Cu_pct R
1
0.5
0.2
0.1
0.05
0.01

Au_ppm L
10
3
1
0.5
0.3
0.2
0.1

ROCK CODES PAT LABEL DESCRIPTION
Lith1_Code
BRX Breccia
DYK Dyke
FAU Fault
GRA Granite
GRD Granodiorite
NRC No Recovery
FIN Generic Felsic Intrusive
TUF Intrusive Breccia

ASSAYS L/R TEXT
Au2 L ------
Cu2 R ------

SECTION SPECS:

REF. PT. E, N	382800 m	6913350 m
EXTENTS	735 m	418.6 m
SECTION TOP, BOT	941.9 m	523.3 m
TOLERANCE +/-	25 m	

SCALE 1 : 1000
(m)
-5 0 5 10 15 20 25 30
NAD83 / UTM zone 8N

AZIMUTH = 0°
N
W E
S

Northern Freegold Resources
Revenue Zone
382800E SECTION
February 2011 Plate 11

Scale 1:1,000
Section Origin (top left)
379,575 m E
6,913,100 m N
1,050 m RL
Orientation .0 deg

1,000mRL
900mRL
800mRL
700mRL
600mRL

6,913,600mN
6,913,700mN
6,913,800mN
6,913,900mN
6,914,000mN
6,914,100mN
6,914,200mN
6,914,300mN

GRD08-110
GRD09-126
GRD08-069
GRD08-076
GRD08-090
GRRAB-165

GRD08-083
GRD08-074
GRD08-071
GRD08-105
GRD08-073
GRD08-094
GRD08-101
GRD09-126
GRD08-091
GRD08-088
GRD08-086
GRD08-085
GRD08-093
GRD08-096
GRD08-098
GRD10-174

33.0m
55.1m
80.7m
135.2m
141.6m
26.4m
23.0m
42.0m
52.4m
123.2m
175.5m
208.3m

NRC - No Recovery
GNE - Gneiss
FAU - Fault
PPF - Feldspar Porphyry
GRA - Granite
SCH - Schist
QMO - Quartz Monzonite
BRX - Generic Breccia
MGR - Microgranite
QFP - Quartz Feldspar Porphyry
OVB - Overburden
QDI - Quartz Diorite
QUA - Quartzite
DIO - Diorite
GRD - Granodiorite
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AND - Andesite
MON - Monzonite
VEI - Vein
AMP - Amphibolite
MSK - Mineralized Skarn
SZN - Sulphide Zone
BAS - Basalt
REW - Reworked Overburden
DYK - Dyke
MYL - Mylonite
SBX - Sulphide Breccia (30% sx)
M_GRA - Meta Granite
DAC - Dacite
FBX - Fault Breccia
FIN - Felsic Intrusive
GBR - Gabbro
GRN - Granitoid
HBX - Hydrothermal Breccia
IBX - Intrusive Breccia
INI - Intermediate Intrusive
UNK - Unknown
MAI - Mafic Intrusive
SYE - Syenite
MDI - MonzodioriteMonzogabbro
RHY - Rhyolite
TUF - Tuffrisite
HBT - Hornblendite
LEU - Leucogranite
BBX - Bioxwork Breccia
MGRSCH
SCHMGR/QTZ

Legend for LithU_Code
Legend for Au_ppm
Legend for Cu_pct

Northern Freegold Resources Ltd.

Nucleus 2010 Report
E379575
GRD10-174
25m Section Width
North-South Section

Date:19/5/2011
Author: GH
Office: Vancouver
Drawing: Plate 2
Scale: 1:1000
Projection: Non-Earth (meters)

0 25 50
metres

N

NRAB09-200

GRD09-161

GRD09-161

GRD10-170

GRD10-170

NRAB09-201

GRD10-169

6,913,400mN | 6,913,500mN | 6,913,600mN | 6,913,700mN | 6,913,800mN | 6,913,900mN | 6,914,000mN | 6,914,100mN | 6,914,200mN

Scale 1:1,000
Section Origin (top left)
378,950 m E
6,913,100 m N
1,050 m RL
Orientation .0 deg

GRD10-170 | GRD09-161 | NRAB09-201 | GRD10-169

1,000mRL
900mRL
800mRL
700mRL
600mRL

GRD10-170

GRD09-161

NRAB09-201

GRD10-169

6,913,600mN | 6,913,700mN | 6,913,800mN | 6,913,900mN | 6,914,000mN | 6,914,100mN

- NRC - No Recovery
- GNE - Gneiss
- FAU - Fault
- PPF - Feldspar Porphyry
- GRA - Granite
- SCH - Schist
- QMO - Quartz Monzonite
- BRX - Generic Breccia
- MGR - Microgranite
- QFP - Quartz Feldspar Porphyry
- OVB - Overburden
- QDI - Quartz Diorite
- QUA - Quartzite
- DIO - Diorite
- GRD - Granodiorite
- QTZ - Quartz
- APL - Aplite
- AND - Andesite
- MON - Monzonite
- VEI - Vein
- AMP - Amphibolite
- MSK - Mineralized Skarn
- SZN - Sulphide Zone
- BAS - Basalt
- REW - Reworked Overburden
- DYK - Dyke
- MYL - Mylonite
- SBX - Sulphide Breccia (30% sx)
- M_GRA - Meta Granite
- DAC - Dacite
- FBX - Fault Breccia
- FIN - Felsic Intrusive
- GBR - Gabbro
- GRN - Granitoid
- HBX - Hydrothermal Breccia
- IBX - Intrusive Breccia
- INI - Intermediate Intrusive
- UNK - Unknown
- MAI - Mafic Intrusive
- SYE - Syenite
- MDI - Monzodiorite/Monzogabbro
- RHY - Rhyolite
- TUF - Tuffisite
- HBT - Hornblendite
- LEU - Leucogranite
- BBX - Bioworx Breccia
- MGR/SCH
- SCH/MGR/QTZ

Legend for Litho_Code

Au_ppm_Test

Au_ppm_Histogram Amount at 1:1000

Cu_pct_Test

Cu_pct_Histogram Amount at 1:1000

Litho_Code Trace Choice

EOH

Legend for Au_ppm

0.1 - 0.3
0.2 - 0.5
0.5 - 1
1 - 402

Legend for Cu_pct

0.05 - 0.1
0.1 - 0.5
0.5 - 0.7
0.7 - 8

Northern Freegold Resources Ltd.	
	Nucleus 2010 Report E378950 GRD10-169, 170 40m Section Width North-South Section
Date:24/5/2011	
Author: GH	
Office: Vancouver	
Drawing: Plate 3	
Scale: 1:1000	Projection: Non-Earth (meters)

0 25 50
metres

Scale 1:1,000
Section Origin (top left)
379,050 m E
6,913,100 m N
1,050 m RL
Orientation .0 deg

6,913,600mN | 6,913,700mN | 6,913,800mN | 6,913,900mN | 6,914,000mN | 6,914,100mN | 6,914,200mN | 6,914,300mN

1,000mRL
900mRL
800mRL
700mRL
600mRL

GRD09-144 GRD09-141 GRD08-111 NRAB08-184 NRAB08-185 GRD08-113 GRD09-142 GRD09-150 GRD10-171 GRD08-117 GRD08-109 GRD08-107 GRD08-106 GRD08-104 GRD08-102 GRD08-100 GRD09-100 GRD07-052 GRD07-092 NRAB08-174

144.9m | 152.6m | 197.0m | 199.9m | 211.7m | 215.0m | 237.3m | 244.7m

NRC - No Recovery
GNE - Gneiss
FAU - Fault
PPF - Feldspar Porphyry
GRA - Granite
SCH - Schist
QMO - Quartz Monzonite
BRX - Generic Breccia
MGR - Microgranite
QFP - Quartz Feldspar Porphyry
OVB - Overburden
QDI - Quartz Diorite
QUA - Quartzite
DIO - Diorite
GRD - Granodiorite
QTZ - Quartz
APL - Aplite
AND - Andesite
MON - Monzonite
VEI - Vein
AMP - Amphibolite
MSK - Mineralized Skarn
SZN - Sulphide Zone
BAS - Basalt
REW - Reworked Overburden
DYK - Dyke
MYL - Mylonite
SBX - Sulphide Breccia (30% sx)
M_GRA - Meta Granite
DAC - Dacite
FBX - Fault Breccia
FIN - Felsic Intrusive
GBR - Gabbro
GRN - Granitoid
HBX - Hydrothermal Breccia
IBX - Intrusive Breccia
INI - Intermediate Intrusive
UNK - Unknown
MAI - Mafic Intrusive
SYE - Syenite
MZG - Monzodiorite/Monzogabbro
RHY - Rhyolite
TUF - Tuffsite
HBT - Hornblendite
LEU - Leucogranite
BBX - Boxwork Breccia
MGR/SCH
SCH/MGR/QTZ

Au_ppm Text
Cu_pct Text
Cu_pct Histogram Displayed at 1:1000
Au_ppm Histogram Displayed at 1:1000
Lith1_Code Triangle Shade
EOH

Legend for Lith1_Code

Legend for Au_ppm: 0.1 - 0.3; 0.3 - 0.5; 0.5 - 1; 1 - 402

Legend for Cu_pct: 0.05 - 0.1; 0.1 - 0.5; 0.5 - 0.7; 0.7 - 8

Northern Freegold Resources Ltd.

Nucleus 2010 Report
E379050
GRD10-171
25m Section Width
North-South Section

Date:19/5/2011
Author: GH
Office: Vancouver
Drawing: Plate 4
Scale: 1:1000
Projection: Non-Earth (meters)

0 25 50
metres

Scale 1:1,000
Section Origin (top left)
379,150 m E
6,913,100 m N
1,050 m RL
Orientation .0 deg

1,000mRL
900mRL
800mRL
700mRL
600mRL

6,913,600mN
6,913,700mN
6,913,800mN
6,913,900mN
6,914,000mN
6,914,100mN
6,914,200mN
6,914,300mN

GRD07-055
GRD06-037
GRD08-109
GRD06-032
GRD09-147
GRD06-025
NRAB08-189
GRD10-172
GRDN89-05
GRDN04-11
NRAB08-172

GRD08-109
GRD08-107
GRD08-106
GRD08-104
GRD08-102
GRD08-100
GRD07-052
GRD06-033
GRD07-053
GRD10-172
GRDN89-05
NRAB08-172

38.9m
GRD08-106
56.0m
GRD08-104
77.6m
GRD08-102
GRD07-049
89.0m
GRD08-100
54.9m
GRD07-052
GRD06-032
53.4m
GRD06-033
61.8m
GRD07-053
GRD06-036
60.3m
GRDN89-05
GRDN04-11
158.0m
GRDN04-11

GRD07-056
GRD07-055
GRD07-050
GRD07-051
GRD06-025
GRD06-035

127.1m
GRD07-056
133.3m
GRD07-055
122.9m
GRD07-049
GRD07-047
152.8m
GRD07-050
129.9m
GRD06-032
135.9m
GRD06-025
134.0m
GRD06-034
143.4m
GRD06-035
172.2m
GRD07-051
GRD07-040

GRDN04-13
185.2m
GRD06-037
GRD09-147
245.9m
GRD06-040
264.5m
GRD09-147
230.3m
GRDN04-13
GRD07-054
293.6m
GRD07-054

GRD10-172

NRC - No Recovery
GNE - Gneiss
FAU - Fault
PPF - Feldspar Porphyry
GRA - Granite
SCH - Schist
QMO - Quartz Monzonite
BRX - Generic Breccia
MGR - Microgranite
QFP - Quartz Feldspar Porphyry
OVB - Overburden
QDI - Quartz Diorite
QUA - Quartzite
DIO - Diorite
GRD - Granodiorite
QTZ - Quartz
APL - Aplite
AND - Andesite
MON - Monzonite
VEI - Vein
AMP - Amphibolite
MSK - Mineralized Skarn
SZN - Sulphide Zone
BAS - Basalt
REW - Reworked Overburden
DYK - Dyke
MYL - Mylonite
SBX - Sulphide Breccia (30% sx)
M_GRA - Meta Granite
DAC - Dacite
FBX - Fault Breccia
FIN - Felsic Intrusive
GBR - Gabbro
GRN - Granitoid
HBX - Hydrothermal Breccia
IBX - Intrusive Breccia
INI - Intermediate Intrusive
UNK - Unknown
MAI - Mafic Intrusive
SYE - Syenite
MDI - MonzodioriteMonzogabbro
RHY - Rhyolite
TUF - Tuffiolite
HBT - Hornblendite
LEU - Leucogranite
BBX - Bioworx Breccia
MGRSICH
SCHMGRQTZ

Legend for LithO, Code

Legend for Au_ppm

0.1 - 0.3
0.3 - 0.5
0.5 - 1
1 - 402

Legend for Cu_pct

0.05 - 0.1
0.1 - 0.5
0.5 - 0.7
0.7 - 8

Northern Freegold Resources Ltd.

Nucleus 2010 Report
E379150
GRD10-172
25m Section Width
North-South Section

Date:19/5/2011
Author: GH
Office: Vancouver
Drawing: Plate 5
Scale: 1:1000
Projection: Non-Earth (meters)

0 25 50
metres

Scale 1:1,000
Section Origin (top left)
379,400 m E
6,913,100 m N
1,050 m RL
Orientation .0 deg

6,913,100mN
6,913,200mN
6,913,300mN
6,913,400mN
6,913,500mN
6,913,600mN
6,913,700mN
6,913,800mN
6,913,900mN

1,000mRL
900mRL
800mRL
700mRL
600mRL

GRD10-167
GRDN04-05
GRD07-063
GRDN04-08
GRD06-015
GRD09-131
GRD08-078
GRD06-038
GRDN04-03
GRD07-045
GRDN91-02
GRPN88-30
GRPN88-29
GRDN04-01
GRPN88-28
GRD07-046
GRDN01-04
GRD07-042
GRDN01-06
GRD07-044
GRDN91-01
GRD07-059
GRD07-041
GRD07-041A
GRD08-114
GRD08-072
GRD07-043
GRD07-058
GRD08-081
GRD07-062
GRD08-087
GRD07-060
GRD08-070
GRD08-068
GRD07-043
GRD08-103

GRDN04-05
GRD07-063
GRDN04-08
GRD09-131
GRD08-078
GRD06-038
GRDN04-03
GRD07-045
GRDN91-02
GRPN88-30
GRPN88-29
GRDN04-01
GRPN88-28
GRD07-046
GRDN01-04
GRD07-042
GRDN01-06
GRD07-044
GRDN91-01
GRD07-059
GRD07-041
GRD07-041A
GRD08-114
GRD08-072
GRD07-043
GRD07-058
GRD08-081
GRD07-062
GRD08-087
GRD07-060
GRD08-070
GRD08-068
GRD07-043
GRD08-103

GRD10-167
119.8m
111.0m
125.8m
108.5m
51.3m
86.3m
26.5m
38.3m
136.7m
150.6m
165.9m
203.8m
179.3m
89.5m
82.2m
67.2m
95.3m
166.2m
293.8m
21.5m
4.8m

NRC - No Recovery
GNE - Gneiss
FAU - Fault
PPF - Feldspar Porphyry
GRA - Granite
SCH - Schist
QMO - Quartz Monzonite
BRX - Generic Breccia
MGR - Microgranite
QFP - Quartz Feldspar Porphyry
OVB - Overburden
QDI - Quartz Diorite
QUA - Quartzite
DIO - Diorite
GRD - Granodiorite
QTZ - Quartz
APL - Aplite
AND - Andesite
MON - Monzonite
VEI - Vein
AMP - Amphibolite
MSK - Mineralized Skarn
SZN - Sulphide Zone
BAS - Basalt
REW - Reworked Overburden
DYK - Dyke
MYL - Mylonite
SBX - Sulphide Breccia (30% sx)
M_GRA - Meta Granite
DAC - Dacite
FBX - Fault Breccia
FIN - Felsic Intrusive
GBR - Gabbro
GRN - Granitoid
HBX - Hydrothermal Breccia
IBX - Intrusive Breccia
INI - Intermediate Intrusive
UNK - Unknown
MAI - Mafic Intrusive
SYE - Syenite
MDI - Monzodiorite/Monzogabbro
RHY - Rhyolite
TUF - Tuffisite
HBT - Hornblendite
LEU - Leucogranite
BBX - Bowerk Breccia
MGR/SCH
SCH/MGR/QTZ

Legend for Au_ppm
0.1 - 0.3
0.3 - 0.5
0.5 - 1
1 - 402

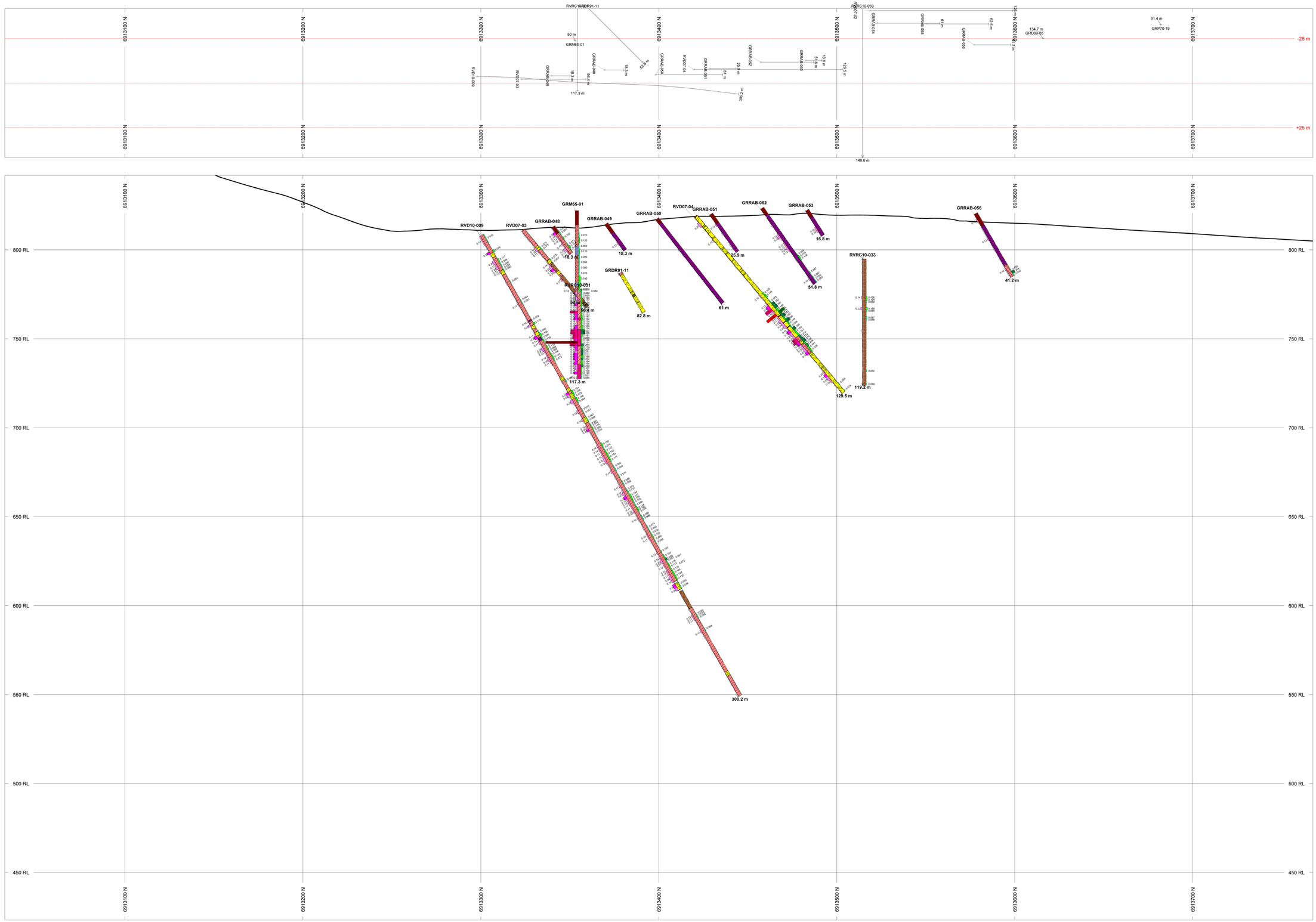
Legend for Cu_pct
0.05 - 0.1
0.1 - 0.5
0.5 - 0.7
0.7 - 8

Northern Freegold Resources Ltd.

Nucleus 2010 Report
E379400
GRD10-167
25m Section Width
North-South Section

Date:19/5/2011
Author: GH
Office: Vancouver
Drawing: Plate 6
Scale: 1:1000
Projection: Non-Earth (meters)

0 25 50
metres



HOLES PLOTTED

TOTAL 14

GRDR91-11	GRM65-01	GRRAB-048
GRRAB-049	GRRAB-050	GRRAB-051
GRRAB-052	GRRAB-053	GRRAB-056
RVD07-03	RVD07-04	RVD10-009
RVRC10-031	RVRC10-033	

NORTHERN FREEGOLD RESOURCES LTD.

PROFILES
Cu_pct — L/R: R — COL: 1, 0.5, 0.2, 0.1, 0.05, 0.01

Au_ppm — L — 10, 3, 1, 0.5, 0.3, 0.2, 0.1

ROCK CODES Lith1_Code	PAT	LABEL	PAT	LABEL
		BRX		QDI
		DYK		QFP
		FAU		QMO
		GRA		REW
		GRD		SBX
		MGR		VEI
		NRC		FBX
		OVB		TUF
		PPF		

ASSAYS	L/R	TEXT
Au2	L	------
Cu2	R	------

SECTION SPECS:

REF. PT. E, N	381850 m	6913400 m
EXTENTS	735 m	418.6 m
SECTION TOP, BOT	841.9 m	423.3 m
TOLERANCE +/-	25 m	

SCALE 1 : 1000

(m) -5 0 5 10 15 20 25 30

NAD83 / UTM zone 8N

AZIMUTH = 0°

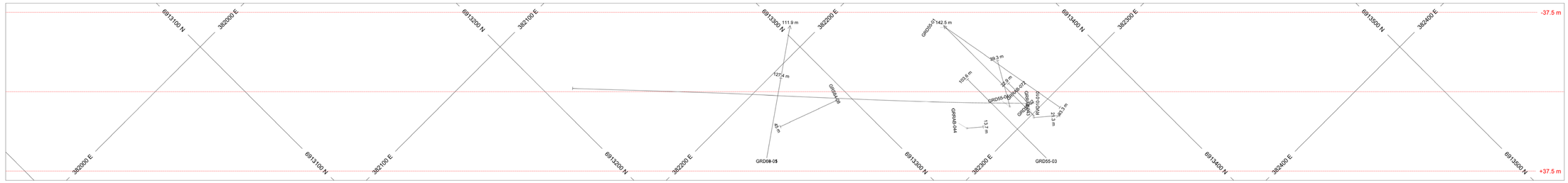
N W E S

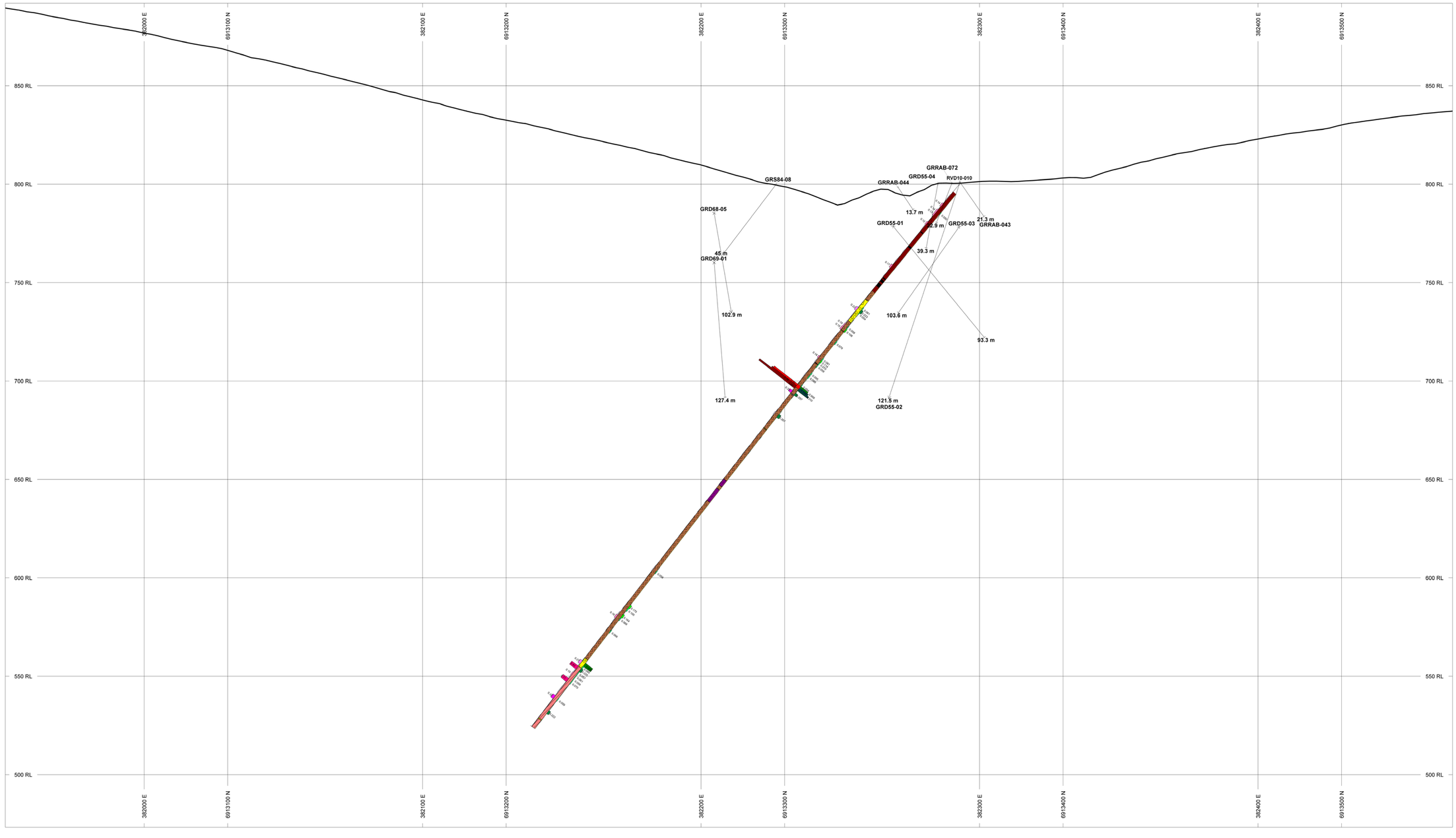
Northern Freegold Resources

Revenue Zone

381850E SECTION

February 2011 Plate 7





HOLES PLOTTED

TOTAL 10

GRD55-04	GRD55-02	GRD55-03
GRRAB-043	GRD68-05	GRD69-01
GRS84-08	GRRAB-044	GRRAB-072
	RVD10-010	

NORTHERN FREEGOLD RESOURCES LTD.

PROFILES
Cu_pct — L/R: R — COL: 1, 0.5, 0.2, 0.1, 0.05, 0.01

Au_ppm — L — 10, 3, 1, 0.5, 0.3, 0.2, 0.1

ROCK CODES Lith1_Code	PAT	LABEL	DESCRIPTION
		BRX	Breccia
		FAU	Fault
		GRD	Granodiorite
		NRC	No Recovery
		QFP	Quartz Feldspar Porphyry
		REW	Reworked Overburden
		SZN	Sulphide Zone
		VEI	Vein
		TUF	Intrusive Breccia

ASSAYS	L/R	TEXT
Au2	L	------
Cu2	R	------

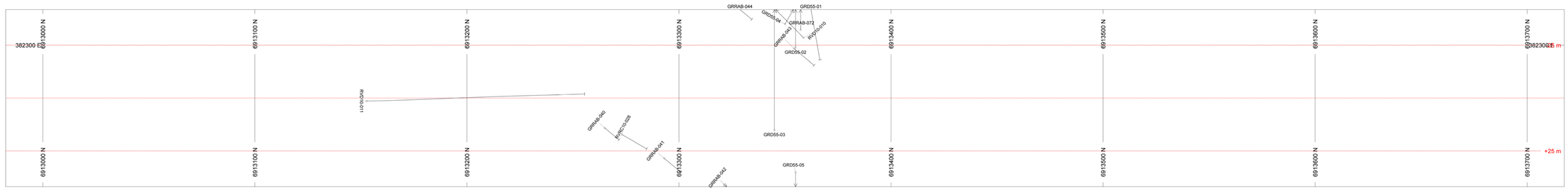
SECTION SPECS:

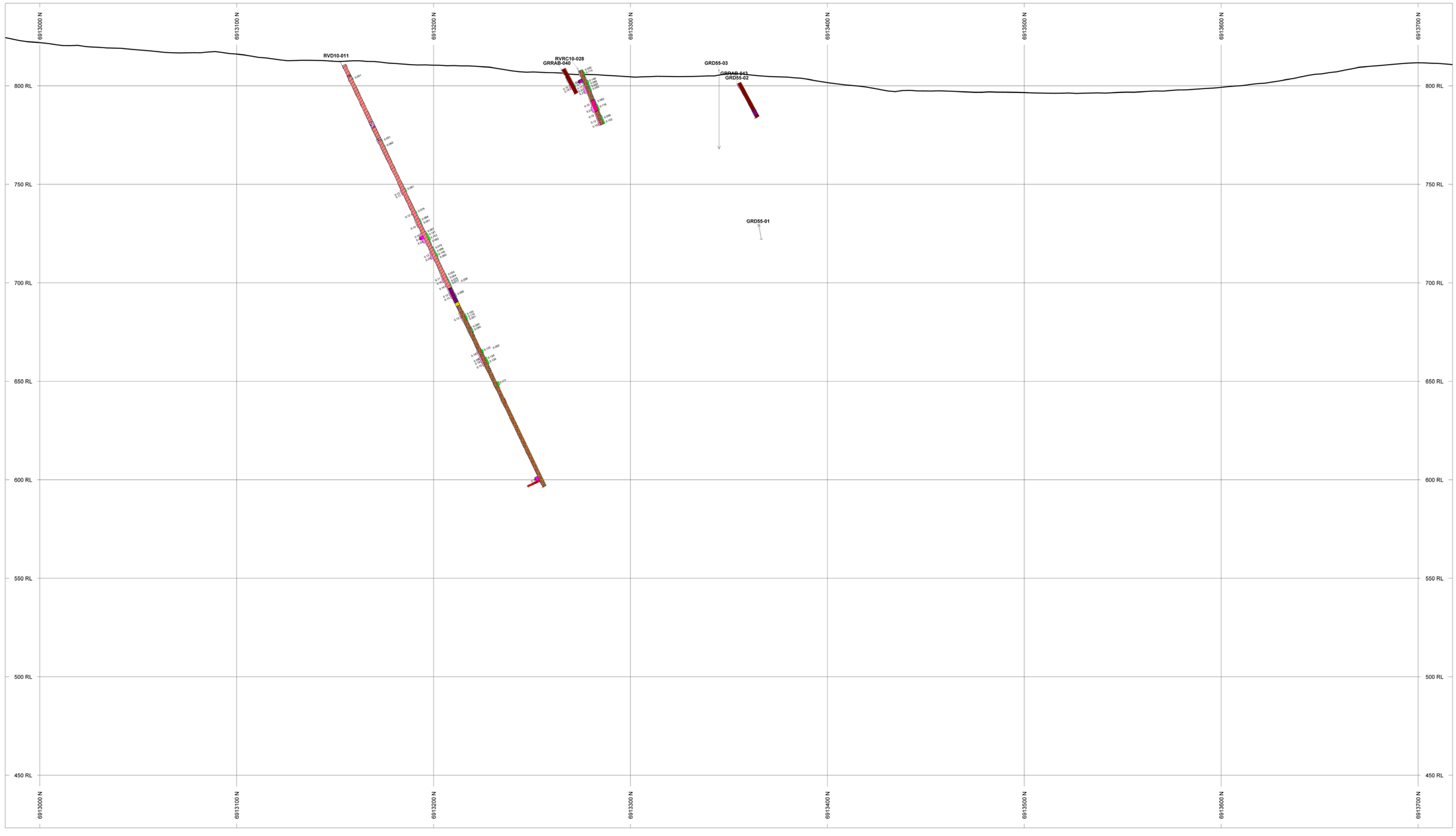
REF. PT. E, N	382210 m	6913280 m
EXTENTS	735 m	418.6 m
SECTION TOP, BOT	891.9 m	473.3 m
TOLERANCE +/-	37.5 m	

SCALE 1 : 1000
(m)
-5 0 5 10 15 20 25 30
NAD83 / UTM zone 8N

AZIMUTH = 45°
N W E S

Northern Freegold Resources
Revenue Zone
382210E SECTION
February 2011 Plate 8





HOLES PLOTTED

TOTAL 7

GRD55-01	GRD55-02	GRD55-03
GRRAB-040	GRRAB-043	RVD10-011
RVRC10-028		

NORTHERN FREEGOLD RESOURCES LTD.

PROFILES
Cu_pct — L/R: R — COL: 1, 0.5, 0.2, 0.1, 0.05, 0.01

Au_ppm — L — COL: 10, 3, 1, 0.5, 0.3, 0.2, 0.1

ROCK CODES
Lith1_Code

PAT	LABEL	DESCRIPTION
	FAU	Fault
	GRD	Granodiorite
	MGR	Microgranite
	OVB	Overburden
	QFP	Quartz Feldspar Porphyry
	DAC	Dacite
	TUF	Intrusive Breccia

ASSAYS
Au2 — L/R: L — TEXT: ------
Cu2 — L/R: R — TEXT: ------

SECTION SPECS:

REF. PT. E, N	382325 m	6913350 m
EXTENTS	735 m	418.6 m
SECTION TOP, BOT	841.9 m	423.3 m
TOLERANCE +/-	25 m	

SCALE 1 : 1000

(m) -5 0 5 10 15 20 25 30

NAD83 / UTM zone 8N

AZIMUTH = 0°

N W E S

Northern Freegold Resources

Revenue Zone

382325E SECTION

February 2011 Plate 9