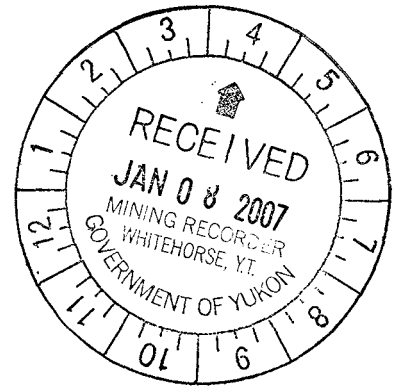


094749
ASSESSMENT REPORT
of
DIAMOND DRILLING



on the
CANYON 10 (YA75726), CANYON 12 (YA75728)
And CANYON 14 (YA75730)
QUARTZ CLAIMS

between
January 6 and March 8, 2006

Latitude 62° 05' N, Longitude 133° 00' W.

NTS: 105 K/02

WHITEHORSE MINING DISTRICT
YUKON TERRITORY

for
Freegold Ventures Limited
2303 West 41st Avenue
Vancouver, British Columbia
V6M 2A4

by
Robert Stroshein, P.Eng.

October 5, 2006

Costs associated with this report have been
approved in the amount of \$ 50,000.00
for assessment credit under Certificate of Work
No. QW28011

W. S. Outback
Mining Recorder
Whitehorse Mining District

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SUMMARY

The Grew Creek Gold Project consists of 299 quartz mining claims along the Robert Campbell Highway between Faro and Ross River, Yukon. Figure 1. The claims are located to cover a sequence of bi-modal Eocene volcanic and sedimentary rocks preserved within a graben formed by the Tintina Fault system.

Gold-silver mineralization has been discovered in quartz-adularia veins and vein stock-work hosted by felsic pyroclastic rocks at the Main Zone near Grew Creek. The felsic pyroclastic rocks occur adjacent to the Grew Creek Fault between outcrops of mafic to intermediate volcanic tuffs and flow rocks to the northwest and massive rhyolite flows to the southeast. The felsic pyroclastic rocks are poorly exposed in outcrop but exploration drilling has defined a roughly semi-circular area with dimensions of two kilometers by one kilometer. The Main zone is located near the western side of the pyroclastic unit and anomalous gold has been detected in drill holes near the eastern flank of the unit in the Rat Creek - Tarn area.

The object of the 2006 exploration program was to explore the Rat Creek – Tarn areas. Diamond drilling consisted of eight (5) holes (798 meters) in the Rat Creek Target area. The drill holes were drilled to test high-chargeability IP anomalies. The drill holes also intersected weakly anomalous gold values associated with fine quartz-pyrite stringers and an intensive pyrite-sericite alteration zone.

Rhyolitic units throughout the area have undergone strong sericite alteration, moderate argillic alteration and variable silicification. There is a high degree of structural preparation of the rock units. Gold values are elevated in several localities, indicating a suitable environment for higher-grade mineralization within amenable settings. Multiple episodes of fracturing and vein/ stock-work emplacement indicate a mineralizing history of some duration. The Tarn Zone may represent a more distal setting than the Main Zone, occurring further outbound, either laterally or vertically, from the core of a mineralized system.

The IP test survey at the Main Zone indicated a broad moderately high chargeability anomaly in the area of the mineralization. It did not identify individual quartz-adularia veins.

The IP survey in the Rat Creek – Tarn target areas outline several broad moderately high chargeability anomalies that were semi-continuous throughout the grid area. Drill results indicate disseminated and stringer pyrite mineralization related to zones of phyllic alteration and local silicification.

DISCLAIMER

A title search for the mineral claims was not undertaken as part of this review, and the author has relied on information from the Yukon Mining Recorder for the Whitehorse Mining District. The author accepts no responsibility for this information. Legal opinions were not sought on any aspects of the report.

The exploration to date has been carried out to industry standards of the day. The exploration and reports were prepared prior to the introduction of Regulatory Standards Instrument 43-101. This report is not intended to fulfill # NI – 101 requirements. The author has not assessed the quality and reliability of the historic exploration data as part of this review.

Samples analyzed during the 2006 were carried out by ALS Chemex Laboratories in Vancouver. The samples were analyzed for gold plus a 34-element suite of metals and trace elements and subjected to a quality control (QC) program designed by the author. The QC consisted of inclusion of periodic standard and blank samples within the sequentially numbered sample sequences.

**FREEGOLD VENTURES
LIMITED
GREW CREEK PROJECT**

PROJECT LOCATION MAP

200 km

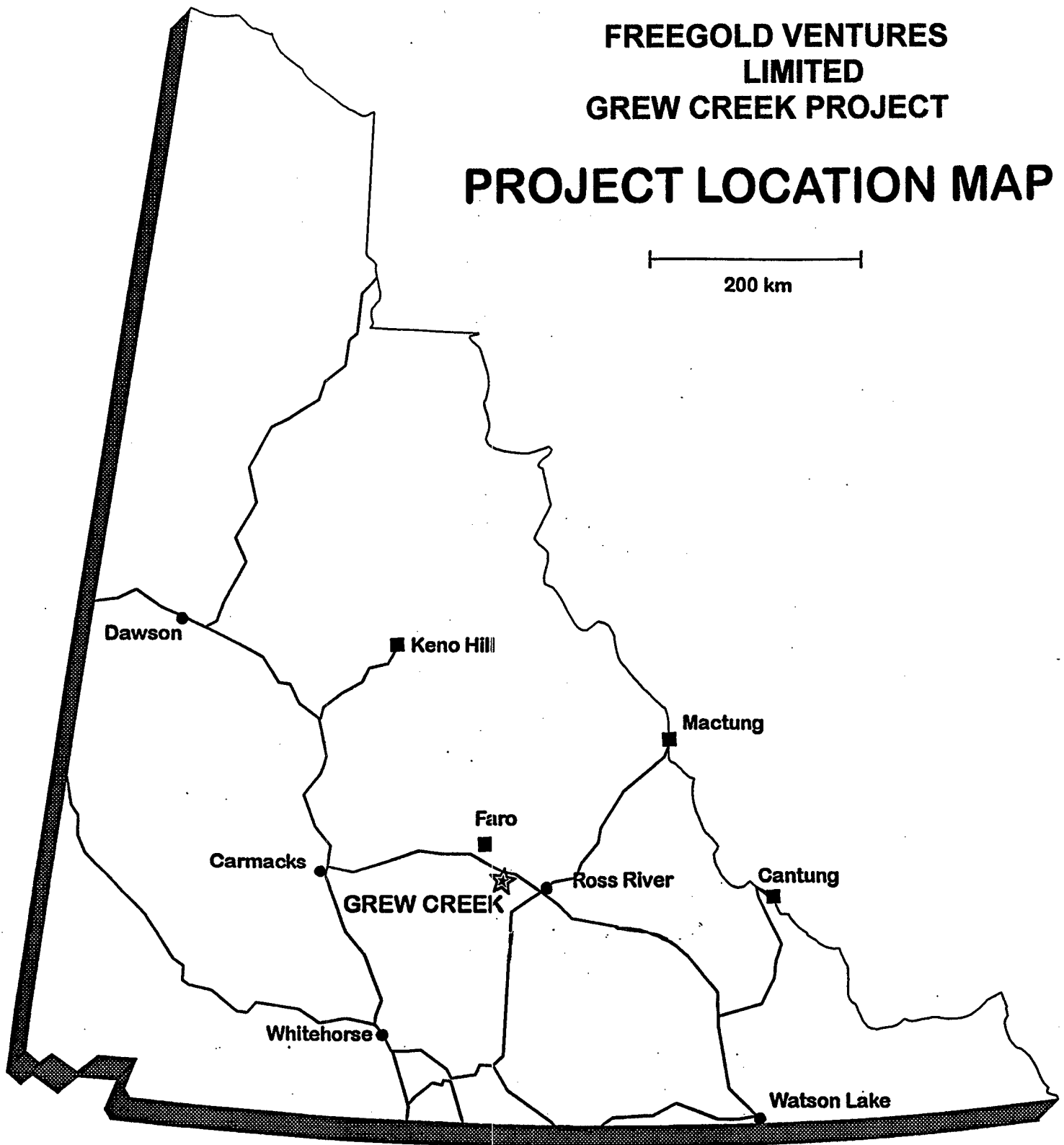


FIGURE 1

INTRODUCTION and TERMS OF REFERENCE

This summary assessment report of the 2006 diamond drilling program was requested by Ms. Kristina Wallcott, Vice President of Freegold Ventures Limited. This report describes the 2006 diamond drilling program carried out in the Rat Creek and Tarn zone targets of the Grew Creek project located in the Whitehorse Mining District.

PROPERTY DESCRIPTION AND LOCATION

Freegold Ventures Limited has entered an Option Agreement with Mr. Allen Carlos, the owner to earn a 100 % interest in the Grew Creek Property. The original property was composed of 212 quartz claims in two claim blocks that enclosed the most favorable exploration targets outlined to date. Freegold Ventures Limited added 87 Rail claims to extend the geological coverage and fill-in between the two original claim blocks. Figure 2.

The Grew Creek Gold Project consists of 299 contiguous claims along the Robert Campbell Highway in the Whitehorse Mining District (figure 1). The claims are located in a linear belt within the Tintina Trench from seven (7) kilometers southwest of Ross River to 20 kilometers south of Faro in Yukon Territory. The claims are located on NTS map sheets 105 F15, K/2 & 3. The claims are listed in appendix 2 and represented in figure 2. The claims can be viewed on the Yukon Mining Recorders website at www.yukonminingrecorder.ca.

ACCESSIBILITY, CLIMATE AND PHYSIOGRAPHY

All areas of the project are accessible from the Robert Campbell Highway by numerous roads and four-wheel drive trails. The main mineralized zone is located two (2) kilometers south of the Campbell Highway near Grew Creek that is located at Km 380. The department of highways was revised the posted kilometer markers since the exploration targets were first identified and the marker posts reflect the "new" kilometer distances.

The climate in the area is typical of the interior plateau of Yukon with generally extreme temperatures ranging from -60° C in winter to 30° C in summer. Rain and snow levels are light to moderate. Vegetation in the area consists of poplar, birch, pine and spruce forests.

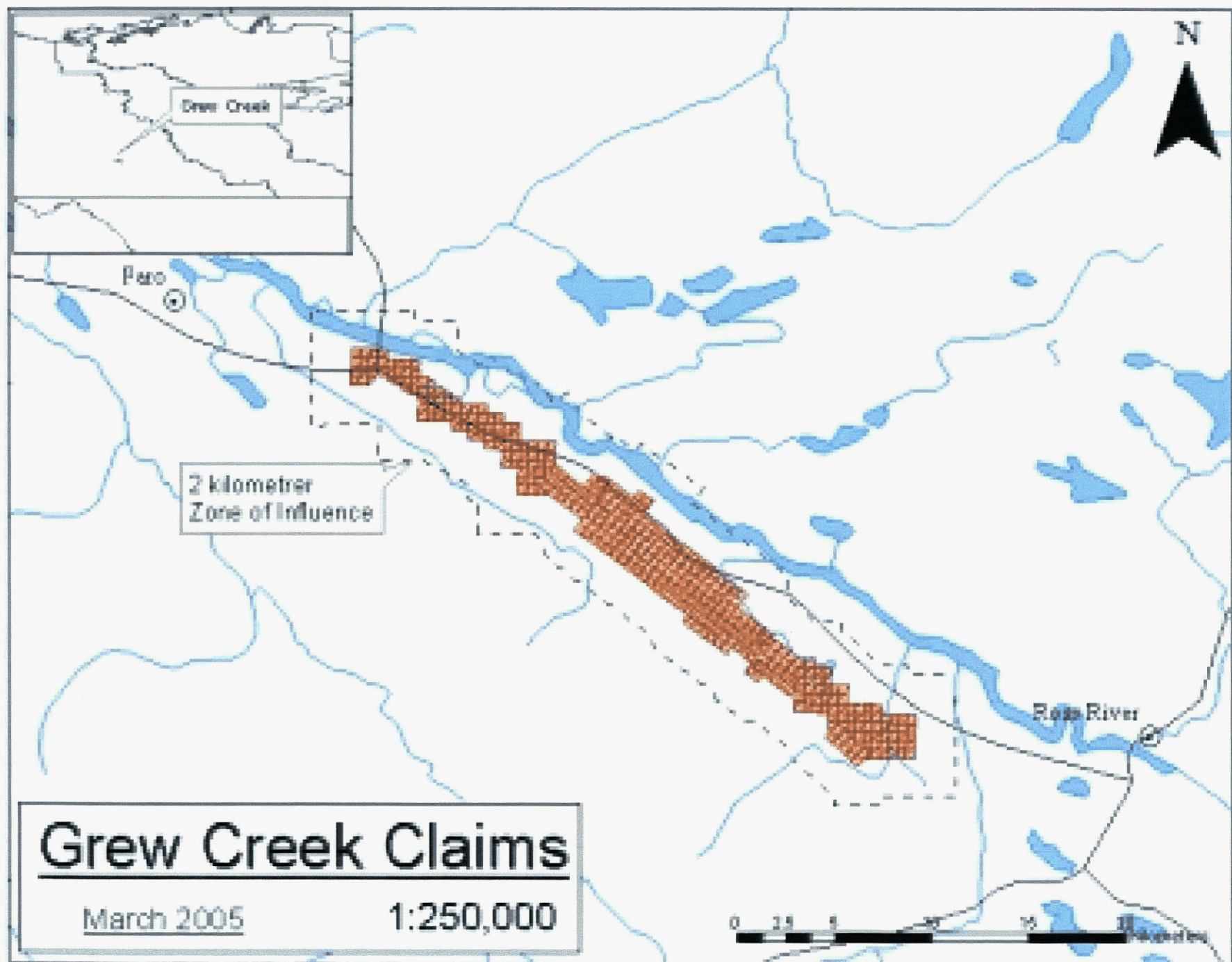
The Yukon Energy power line to Ross River passes through the property and is located within 500 meters of the Main zone deposit.

The property is located within the Tintina Trench, a major physiographic trough trending northwest along the Pelly River valley. The topographic relief is moderate, ranging between 700 and 1000 meters elevation. The property is transected by a number of northerly draining creeks and streams which rise in the Pelly Mountains and flow into the Pelly River.

HISTORY

First reported staking in the Grew Creek area was in 1967 during the Anvil staking rush. Gaylord Mining Ltd. conducted geophysical surveys and completed three diamond drill holes (354 meters) in 1968 testing for potential strata-bound lead-zinc mineralization.

Mr. Carlos discovered gold mineralization in outcrop while prospecting in the Grew Creek area in 1983. Small scale placer gold mining was being carried out in the creek at the time. Carlos staked the Canyon 1-40 claims in June 1983. The discovery outcrop was trenched to reveal strongly silicified and veined brecciated volcanic rocks on a resistant knoll that subsequent exploration showed the knoll was located at the western end of the Main Zone.



Hudson Bay Exploration and Development Company, Limited (HBED) optioned the property in November, 1983 and added the Canyon claims in January and Grand claims in September 1984. HBED carried out ground geophysical, geochemical surveys, trenching, diamond drilling (13 holes, 1732 meters), and reverse circulation drilling (19 holes, 1660 meters) in 1984-85. HBED carried reconnaissance type exploration along the length of the property and identified a number of areas for detail investigations. This activity included line cutting followed by geophysical and geochemical surveys in 1986. HBED returned the property to Carlos in 1987.

Noranda Exploration Company Ltd. optioned the property in 1987 and formed an exploration Joint Venture (JV) with Goldneve Resources Inc., Brenda Mines Ltd. and Hemlo Gold Mines Ltd. to develop the property. The JV expanded the property by adding the Can and Ran claims surrounding the original claims. The JV carried out extensive diamond drilling on the Main Zone (67 holes, 16,180 meters) and in the Tarn Zone area (10 holes, 3,045 meters) in 1987-88. Reverse circulation drilling (13 holes, 1 669 meters) in 1988 was directed at testing various geophysical targets between the Main Zone and the Tarn Zone areas. Exploration along the trend of the Tintina Fault System by the JV included a 4 900 line kilometer airborne survey with 100 meter line spaces. The survey reported electro-magnetic, total field magnetic, vertical magnetic gradient, apparent resistivity and VLF-EM results. The JV collected approximately 5,000 till and humus samples along lines at one (1) kilometer spacing along the structural trend on the Grew Creek Gold Property and adjoining claims.

Goldneve Resources Ltd. acquired a 100 % working interest in the JV and carried out diamond drilling (10 holes, 1158 meters) on the central portion of the Main Zone in 1989. Goldneve carried out backhoe trenching on four targets outside the main zone which had been identified in 1986. Goldneve returned the property to Carlos in 1991.

Wheaton River Minerals Limited optioned the Main Zone area claims and carried out a preliminary evaluation of the economical potential of mining the deposit before relinquishing the option in 1992.

Carlos conducted line cutting and VLF-EM on a grid in the Kilometer 410 area in 1992. He followed up on the anomalies with shallow test pits.

YGC Resources Ltd. acquired an option to earn a 100 % interest in the property in November, 1992 (the agreement was signed in February 1993). YGC carried out diamond drilling (17 holes 1944 meters), established line grids, and conducted soil sampling and geophysical surveys in target areas along the claim belt in 1993. Later in the program excavator trenching was carried out near Danger Creek and on the Blackhawk claims and an additional five (5) shallow diamond drill holes totaling 307 meters were drilled on the Main Zone.

In 1994, YGC drilled 14 diamond drill holes totaling 1307 meters which included nine holes on the South zone located 50 meters south of the Main zone and five holes on the east end of the Main zone deposit.

In 1995, YGC drilled a total of 17 holes (1767 meters) on seven separate exploration grids along claim belt from Km. 410 near the west end to the South Canol geophysical target east of the Canol Road in the Watson Lake Mining District. The program included three holes at the Main Zone of which one hole (GC-95-181) intersected an average gold grade of 7.6 g/t across 9.0 meters on section 10+287.5 E at the 770 meter elevation.

In 1996 YGC Resources Ltd. Carried out a diamond drill program (17 holes, 1 560.7 meters) that consisted of systematic shallow drill testing of the Main Zone mineralization on intermediate sections between 10+175 E and 10+287.5 E.

During the period 1998 – 2004 Carlos carried out geochemical surveys (emzyne leach) in several local grids followed by shallow diamond drill holes.

Freegold Ventures Limited optioned the property from Carlos in July 2004 and carried out diamond drilling on the Main Zone. The drilling program consisted of 12 diamond drill holes for a total of 2078 meters in 2004. Freegold carried out diamond drilling (1020 meters in eight (8) drill holes) and IP surveys in 2005 over the Main Zone and two local areas on the Canyon and Maverick claims.

REGIONAL GEOLOGICAL SETTING

The Grew Creek Gold Project overlies an Eocene volcanic assemblage and fluvial sedimentary rocks preserved within a graben in the Tintina Trench. The Tintina Trench is a prominent linear physiographic depression reflecting a series of strike-slip faults that form the Tintina Fault system. Dextral displacement of rock units either side of the fault zone indicates trans-current movement of approximately 450 kilometers. The fault movement began in Early Triassic time and continued intermittently until late in the Tertiary Era. In the area, Palaeozoic rocks of the Pelly Cassiar Platform southwest of the Tintina Fault are juxtaposed against rocks of the Anvil Allochthon to the northeast. Normal faulting along the pre-existing faults during the Pliocene Epoch resulted in the formation of the trench and the preservation of the Eocene volcanic and clastic rocks within the Canyon Graben (Pride, 1988).

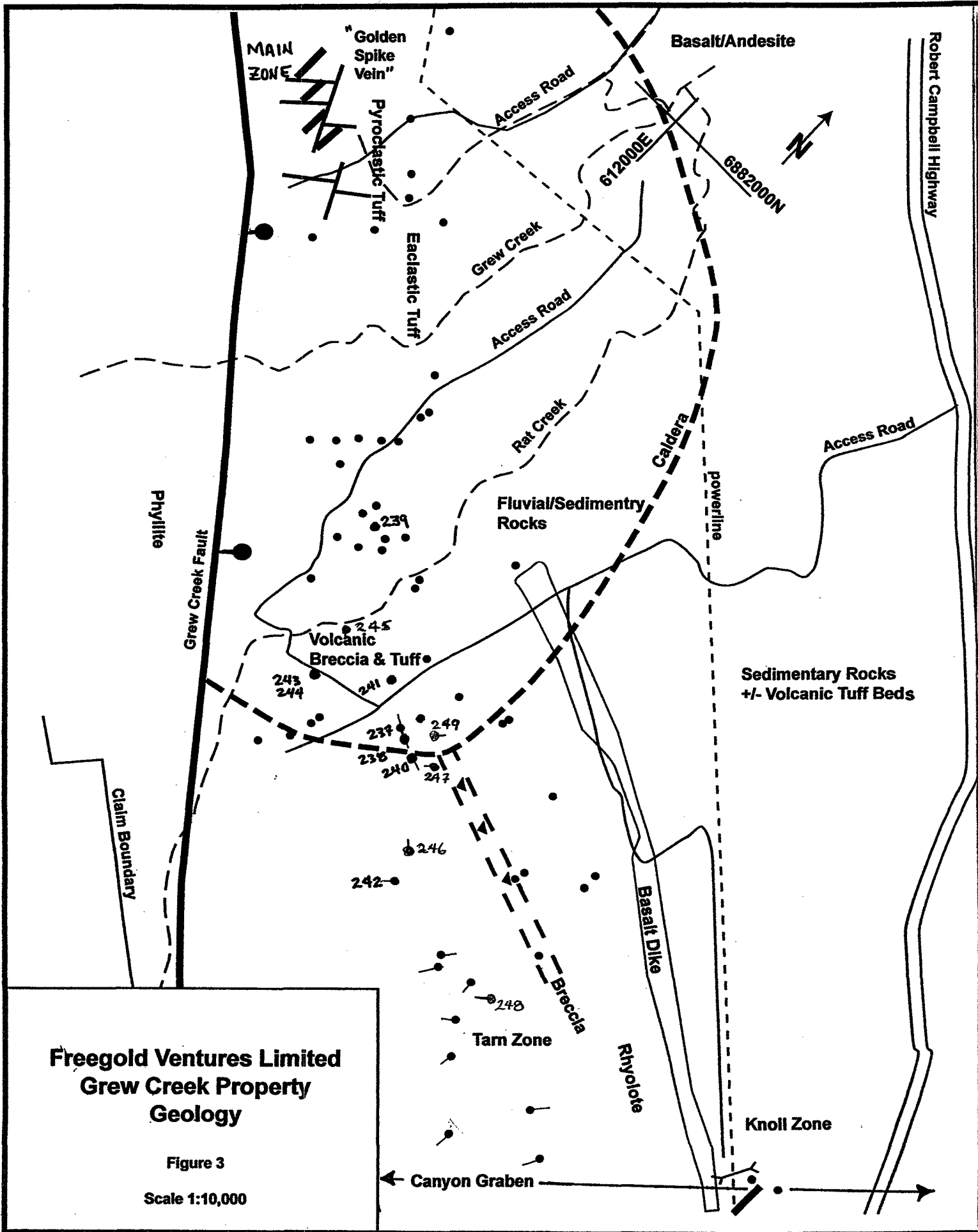
Rocks of the Pelly Cassiar Platform are a continental margin sedimentary sequence of the Rocky Mountain assemblage composed of clastic and carbonate rocks. Rocks within the Tintina Trench are bimodal (basalt-rhyolite) volcanic and fluvial sedimentary rocks of the Kamloops transitional arc volcanic assemblage. Rocks of the Anvil Allochthon are composed of Pennsylvanian and Permian marine meta-basalt and limestone (Wheeler & McFeely, 1991).

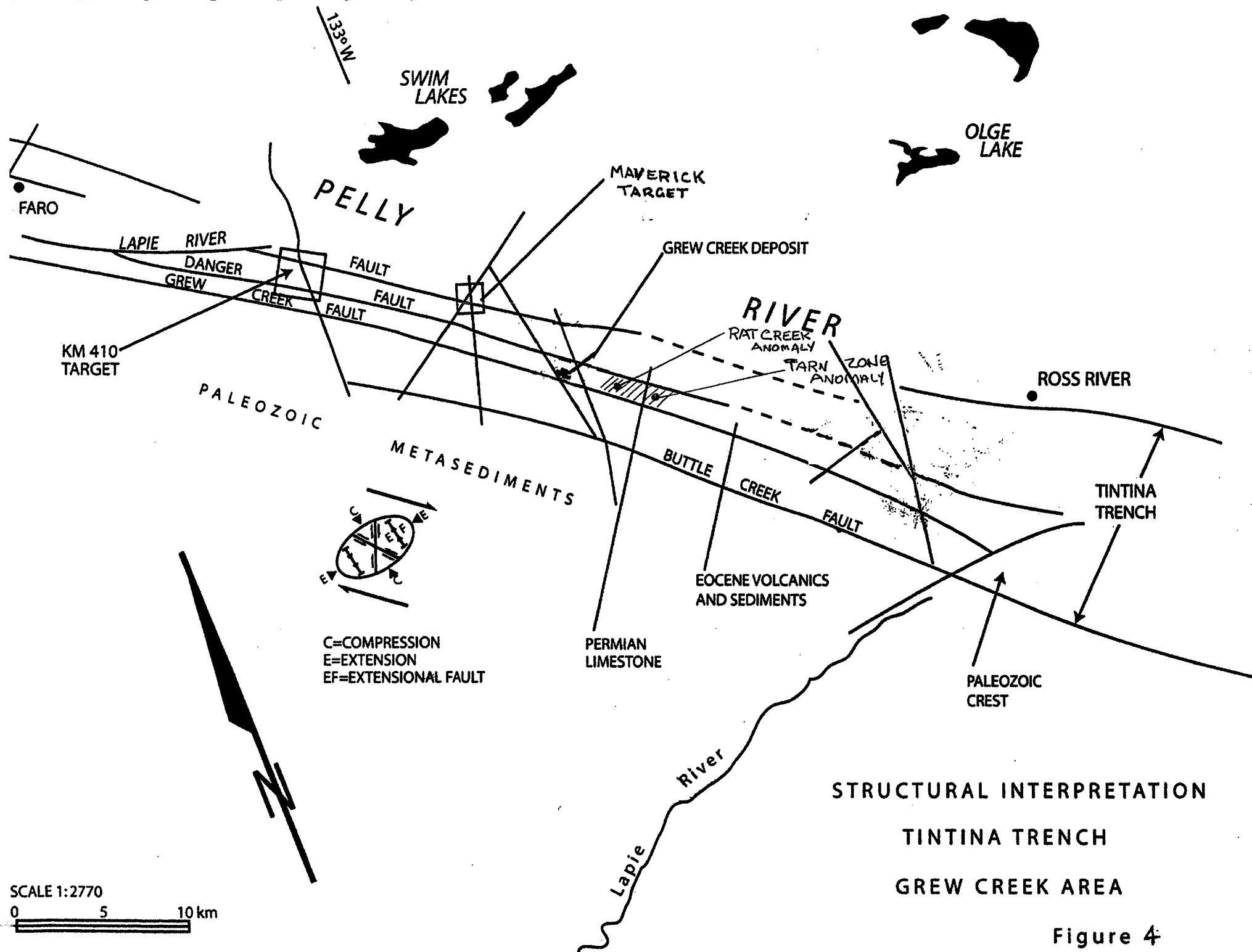
GEOLOGY OF THE GREW CREEK AREA

The Tintina Fault system in the project area includes four major faults which have been named, from the south to north: Buttle Creek, Grew Creek, Danger Creek and Lapie River faults. Figure 4. The Canyon Graben hosts the mineralized gold occurrences on the property and is bounded by the Grew Creek Fault on the southwest and the Danger Creek Fault on the northeast. The Canyon Graben is approximately 1.5 kilometers wide and includes bimodal (rhyolite and basalt) volcanic and fluvial clastic sedimentary rocks (Figure 3). Palaeozoic metamorphosed chert, phyllite and basalt outcrop southwest of the Grew Creek fault while northeast of the Danger Creek fault Permian massive meta-basalt and limestone forming locally prominent resistant cliffs.

The bimodal volcanic rocks within the Canyon Graben are localized by north-south trending extensional faults and deposited in the resulting pull-a-part basins. (Pride, 1988) Porphyritic rhyolite domes have been mapped over a three (3) kilometer trend east of Kilometer 410 and scattered discontinuous outcrops from the Rat Creek area within the Canyon Graben for 18 kilometers to the Lapie River. Basalt occurs as subaqueous and subaerial flows and pyroclastic deposits interpreted as a stratovolcano nestled along the north side of the Grew Creek fault from the Grew Creek area to Kilometer 400, a distance of seven kilometers. A succession of felsic pyroclastic rocks outcrops along Rat and Grew Creeks between the rhyolite flow dome and the basalt stratovolcano.

Fluvial sedimentary rocks are in fault contact or overlie the volcanic units within the Canyon Graben. The sedimentary rocks were deposited in a series of coarsening cycles ranging from pebble conglomerate to sandstone, shale, argillite and coal beds.





LITHOLOGIC DESCRIPTIONS

Rhyolite and Felsic Porphyries

Massive to flow-banded light grey or grey green to creamy white "quartz eye" porphyritic rhyolite forms resistant outcrops near Kilometer 410 and southeast of the Tarn Zone. Grey smokey "quartz eye" and euhedral feldspar phenocrysts occur in a fine grained siliceous groundmass. Quartz-feldspar or quartz porphyry is similar to the rhyolite porphyry but with larger and more prominent phenocrysts especially smokey "quartz eyes" in the quartz porphyry.

Felsic Pyroclastic Rocks

Rhyolite tuffs were only encountered in the Grew - Rat Creek area, north and southeast of the Main Zone. Two types of tuff are readily recognized (Christie, et.al.) based on grain size and composition. Within the pumice rich type, proximal to distal facies have been recognized.

1. S&P (salt and pepper) tuff: the S&P tuff comprises non welded crystal lithic ash tuff with a granular texture which has a salt and pepper appearance. Christie, et.al. recognized six separate units which were internally homogeneous but overall had an upward fining succession. Typically lithic clasts and crystals ranged from 1 mm to 3 mm in size. Lithic clasts are mostly fragments of rhyolite porphyry and rhyolite tuff with less shale, mafic volcanic or phyllite fragments. Crystal fragments are mainly quartz. These deposits are considered to be partially re-worked and classified as epiclastic deposits in this study.

2. CLP (crystal lithic pumice) tuff: CLP tuff can be sub-divided into a coarse lapilli rich tuff with dominant pumice fragments of proximal facies and coarse ash or lapilli-ash tuff with a less prominent fragment component of more distal facies. Lithic and lapilli are made up of fragments of rhyolite porphyry, quartz-feldspar porphyry, pumice, basalt and shale. The CLP tuff is locally variable throughout the area of the pyroclastic rocks both laterally and within the stratigraphic succession.

Pseudo-porphyry units are believed to be welded CLP lapilli tuff (originally basal pyroclastic deposits) which has been melted and remobilised. These beds are locally maroon coloured hematized tuff. These have been termed "aquicludes" by Christie, et.al. They interpreted that the welded tuff restricted flow of hydrothermal fluids, thereby controlling distribution of the mineralized zones.

Heterolithic Volcanic Breccia Tuff

The breccia tuff is composed of lapilli clasts of various textures and composition including pumice, andesite, and rhyolite. There are large clasts of basement metamorphic rocks as well. The unit is not exposed in outcrop but has been intersected in drill holes between Grew and Rat Creeks. The unit may represent the proximal facies of the pyroclastic volcanic rocks.

Fluvial Sedimentary Rocks

Fluvial sedimentary rocks are of two separate ages which are based on the degree of consolidation and lithification of the rocks. The oldest strongly lithified quartz pebble conglomerate was intersected by drilling in the western portion of the property. This unit outcrops north of the highway at Grew creek along the scarp related to the Danger Creek fault. The youngest sedimentary rocks are only moderately consolidated and lithified sandstone and conglomerate which outcrop within the Canyon Graben from the Maverick claim block to the Lapie River area.

The older clastic rocks are predominantly massive quartz pebble conglomerate with gradational coarse quartzose sandstone and rare black carbonaceous siltstone beds. The conglomerate is clast supported with rounded to sub-angular clasts of quartz, sandstone and siltstone with rare

volcanic clasts in a coarse grained matrix. Sandstone and siltstone beds are generally narrow, less than 1-2 meters thick.

The younger fluvial sedimentary rock units range from conglomerate to claystone. Conglomerates are clast supported, polymictic, and moderately to poorly sorted. Clasts are composed of quartz, volcanic rocks, chert, charcoal, and schist lithologies. In the Main Zone area the fluvial sedimentary deposits exhibit at least six fining upward cycles from conglomerate, through pebbly sandstone, sandstone, siltstone and claystone to coal beds. Average bed thickness is 1.5 meters but locally vary up to a maximum of 8 or 10 meters thickness.

Basaltic Flows, Tuffs and Dykes

Pyroclastic and epiclastic basaltic rocks are made of sequences of ash tuff, lapilli tuff and breccia. The assemblage of basaltic to intermediate volcanic rocks outcrops west of the Main Zone. The assemblage is exposed in a hilly area for three (3) kilometers to the west and can be traced by interpreting the airborne magnetic survey to northwest for 10 kilometers. The volcanoclastic rocks are typically dark green to black tuffs with lapilli sized fragments in a fine grained ash to vitric matrix. The basaltic pyroclastic rocks are contemporaneous with the rhyolite rocks in the region.

Dark green olivine basalt dykes and flow rocks intrude all rock units on the property. The dykes are mildly magnetic and have been intersected or observed in outcrop at all areas of the property. The dykes are generally coarse grained, massive or brecciated. The basalt dykes have not been altered as the sediments, rhyolite porphyry, mafic volcanoclastic rocks or the rhyolite tuff have been.

Diorite/Diabase/Gabbroic Dykes

Medium to coarse grained equigranular mafic dykes outcrop in Grew Creek and were intersected in drill holes in the Grew Creek area. These diabase/gabbroic dykes are strongly albitized, carbonatized and intensively veined. The narrow stringer stock work is composed of calcite and quartz-carbonate veining.

STRUCTURAL GEOLOGY

The Tintina Fault System is the dominant structural feature in the area. The northwest-southeast trending compressional faults initiated the system during Late Cretaceous time and produced the dextral motion along the faults. North trending extensional faults and regional uplift produced local development of sub-basins with accompanying bimodal basalt-rhyolite volcanism during the Eocene period. The intersection of the two prominent structures appears to have localized the mineralization of the Main Zone at Grew Creek. Figure 4. The northwest trending compressional faults are deep crustal fractures which were opened up providing conduits during the extensional fault regime.

The northwest trending fault structures which include the graben bounding Grew Creek and Danger Creek Faults are readily traced by topographical expressions and from the airborne geophysical plots. North-south trending extensional faults are interpreted from air photographs, topographical features and offsets noted on the geophysical plots. East-west trending faults are broadly conformable with the sedimentary stratigraphy in the Grew Creek area which is indicated by the magnetic basalt flows within the sequence and therefore can be traced on the geophysical magnetic plots. In areas of limited or non-existent geological information the geophysical surveys provide very useful structural information to extrapolate the known geology. The northwest trending faults may have been reactivated after the gold deposition, resulting in disruption of the mineralization.

The Grew Creek Main zone deposit is preserved within the Canyon Graben, bounded by the Grew Creek and Danger Creek faults which partially define the Tintina Trench in the Grew Creek area. The Grew Creek Gold project covers a 30 kilometer strike length of the Canyon Graben. Other mineralized zones have been identified where gold occurs with quartz veining and silicification hosted by fluvial sedimentary rocks or altered rhyolite flow rocks.

Post mineral faulting related to ongoing movement on the Tintina Fault System has disrupted the Main Zone mineralization.

MINERALIZATION RAT CREEK – TARN ZONE AREA

At the Tarn Zone mineralization consists of quartz vein stock-work style mineralization within altered feldspar porphyritic rhyolite tuffs and porphyritic flows. Figure 5. Auriferous quartz-fluorite stringers occur in stock-work zones within an envelope of moderate silicification, itself within a broad zone of sericite alteration (phyllitic). Gold values associated with the quartz-fluorite veining typically range from >0.050 to 0.500 g/t gold across core widths of 10 – 25 meters. The area underwent substantial mechanized trenching followed by diamond drilling since 1985. Stock-work zones intersected during these programs were narrow, ranging from 1 to 3 meters in width, and returned assay values typically in the 0.500 to 0.900 g/t range across 1.5 meters.

In the Rat Creek area mineralization occurs within moderately to strongly sericite-altered (phyllitic) rhyolite tuff and minor welded tuff, with moderate to strong variable clay mineral alteration (argillic) and trace to minor disseminated pyrite. Drill holes intersected zones of strong late brecciation with argillic and phyllic alteration, including 1 to 5% disseminated pyrite and breccia-hosted grey quartz-pyrite stringer- stockwork mineralization. Gold values were fairly uniform across all zones, typically returning values of 0.50 to 0.980 g/t gold.

2006 DIAMOND DRILLING PROGRAM

The 2006 work program consisted of a five-hole, 798-metre diamond drilling program during January 7th – March 5th in the Rat Creek – Tarn Zone target area. The drill holes intersected bedrock except drill hole GC-06-246 that was abandoned in overburden consisting of glacial till. All drill holes, current and historic are presented in Figure 5.

Table: Summary of Diamond Drill Hole Data for 2006

DDH No.	Grid East	Grid West	UTM East	UTM West	Azimuth (°)	Angle (°)	Elev. (m)	Depth (m)
GC-06-245	11244	9425	612175	6880831	106	- 55	777	125.0
GC-06-246	11730	9385	61635	6880665	270	- 50	847	101.5
GC-06-247	11600	9516	612645	6880656	196	- 60	837	194.8
GC-06-248	12100	9375	612995	6880560	198	- 50	855	199.6
GC-06-249	11500	9483	612426	6880808	15	- 50	820	176.8

UTM coordinates are in the NAD 83 system.

Drill holes GC-06-245 is located on the Canyon 10 claim, GC-06-246, GC-06-247 and GC-06-249 are located on the Canyon 12 claim and GC-06-248 is located on the Canyon 14 claim relative to the published claim location map.

Robert Stroshein, P. Eng. Acted as Project Manager and Qualified Person (QP). The Project Drill Gologists were Roger Hulstein, P.Geol, Jean Paulter, P.Geol and Daniele Heon.

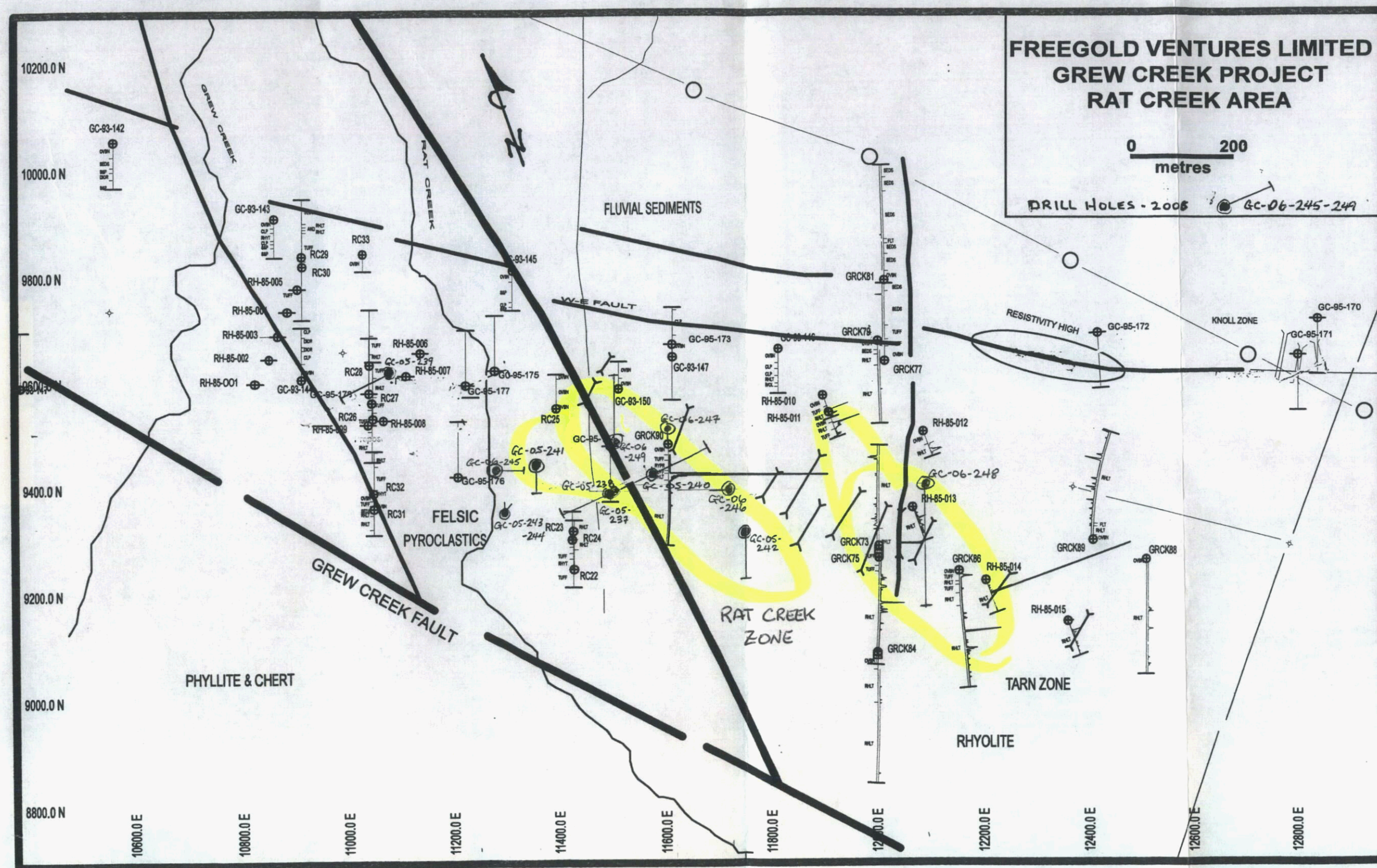


FIGURE 5

Results of the Diamond Drilling Program

The diamond drill holes tested IP chargeability targets in the Rat Creek - Tarn zone area. The area is extensively overburden covered and previous drilling had intersected anomalous gold values up to 3 g/t gold. The 2006 drill holes were oriented to test east-west trending IP chargeability anomalies. The IP survey had been carried out along the northeast-southwest (020° – 200° azimuth) grid lines. Due to the challenges of the overburden depths resulting in the abandonment of drill holes GC-05-243 and GC-05-244, drill hole GC-06-245 was oriented in an easterly direction to take advantage of the topography. The remaining drill holes were oriented to drill along the grid section lines (016° – 196° azimuth).

Drill-hole GC-06-245 (125.0 meters) intersected a sequence of massive rhyolite porphyry and felsic pyroclastic tuffs. The lower rhyolite porphyry body contained fine grained pyrite disseminated within the bedrock and occurring in very thin stringers. Very low grade (detectable) gold values (up to 0.014 g/t) were returned from the core samples.

Drill-hole GC-06-246 (101.5 meters) was abandoned in the overburden that consisted of clay and boulder rich glacial till. The area lies between two arms of an IP chargeability anomaly. The results suggest that there is a trough in the bedrock and the IP survey had not penetrated bedrock.

Drill-hole GC-06-247 (194.8 meters) intersected felsic pyroclastic tuffs and feldspar porphyry (rhyolite). Very low grade gold values (0.010 – 0.10 g/t) were intersected over the interval from the 114.3 – 194.77 meters at the end of the hole. The interval coincides with a thick sequence of felsic pyroclastic tuffs. The units are weakly altered with clay, sericite and disseminated pyrite mineralization. Fine stringers of fine grained grey pyrite occur throughout the interval. Sections within the units contain greater than two (2) percent disseminated pyrite that is reflected in the generally strong IP chargeability anomaly.

Drill-hole GC-06-248 (199.6 meters) intersected weakly to moderately altered (phyllitic) felsic pyroclastic tuffs and quartz-feldspar porphyry (rhyolite flow rocks) at the Tarn zone IP anomaly. The alteration consists of rocks that are pervasively sericite altered and pyritized with clay alteration of feldspar phenocrysts and clasts. Very low grade gold values 0.010 – 0.191 g/t occur throughout the drill hole.

Drill-hole GC-06-249 (176.8 meters) intersected weakly altered (phyllitic) felsic pyroclastic tuffs and massive rhyolite porphyry (QFP – flow rocks) on the Rat Creek IP target. The alteration consists of weak but pervasive sericite alteration and pyritization of the host rocks. Sampling yielded very low grade gold values from background to 0.135 g/t. Values of greater than 0.10 g/t gold are associated with very fine stringers of fine grained light grey quartz and weak silicification.

Diamond drill-hole logs, assay sheets and assay reports are included in Appendices 3 and 4.

SAMPLE PREPARATION, ANALYSES AND SECURITY

The exploration programs carried out between 1984 and 1996 were carried out prior to National Instrument 43-101 coming into effect. The sampling methods as reported by the various operators conformed to industry standards and although geologists supervising the sampling programs may not have been "Qualified Persons" within the meaning of National Instrument 43-101 they were experienced in the exploration industry.

A Qualified Person as defined by National Instrument 43-101 supervised the sampling of the drill core from the 2006 program. The sampling method and approach are as described in the following.

During the diamond drilling program, geological personnel attended the drill at regular intervals as well as during drilling of mineralized intersections where anticipated in the drill holes. Geological personnel were on hand to determine the completion depth of each hole and to shut down the drill hole. The core was delivered to the core shack at the end of each working shift or when the drill hole was completed.

The core was laid out in sequence at the core shack followed by metric conversion of the footage markers and a rough drill log locating the zones of mineralization. All drill core was photographed and visually logged before sampling. The geological and mineralization descriptions were entered on prepared log forms using coded entries for lithology, alteration and veining. Descriptive entries and drawings were also provided in a separate column of the log sheet. The sample intervals were marked on the core and recorded in the drill logs with a unique number. The core was then racked within the core shack and samples were split in sequence. Personnel conducting the sampling included the geologist as well as samplers supervised by the geologist who logged the core.

Samples were split using a heavy duty wheel type splitter with one cutting blade. Samples were collected in uniquely labeled heavy poly sample bags and heat-sealed. Sample blanks, standards and duplicates were inserted at this stage of the sample collection. The samples were then placed in labeled rice bags for shipping. Normally six to seven samples were enclosed in each rice bag that were then tied with steel wire twist ties. The bags were stored in the secure core shack until shipping.

The samples were delivered by personnel to the commercial carrier in Faro or Whitehorse, Yukon for shipment to the laboratory in Vancouver, B.C.

The samples were prepared using standard industry procedures. At the laboratory the samples were logged in the tracking system, dried, the entire sample was fine crushed to better than 70 % -2 mm, split off up to 250 grams and pulverized to better than 85 % passing 75 micron.

The gold analysis was of a 30 gram sample of a pulverized split by a combination of Fire Assay (FA) and atomic absorption spectrophotometry (AAS). The samples were digested using aqua regia. Gold assay results are reported in parts per million (ppm) with a lower limit of 0.005 ppm and an upper limit of 10 ppm. All samples that assayed greater than the upper limit were re-assayed using a combination FA and gravimetric measurement.

Samples for the other elements including Mercury were dissolved by Four Acid "near total" digestion. Mercury analysis was by AAS for the limits of 0.01 to 100 ppm. The remaining 27 elements were determined by Inductively Coupled Plasma with Atomic Emission Spectroscopy (ICP-AES) and reported for trace levels. All samples were also analyzed by 34-element ICP to test for abundances of Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Ti, Tl, U, V, W, and Zn.

DATA VERIFICATION

The author was involved in the compilation of the digital files involved in programs prior to 2005. Only random comparisons of laboratory assay sheets and the database entries have been made. There were no errors noted. The original laboratory assay information sheets were not available for the early HBED and Noranda drilling programs and therefore could not be verified except as entered on company logs and data sheets. The author obtained independent samples from the discovery out crop that was used as the representative standard sample and although the gold assays ranged from 0.463 to 3.060 g/t the average results were consistent with the assays reported by earlier operators from this section of the outcrop. During the 2006 program two levels of gold standards were purchased from a commercial supplier. The assay results were within the bounds of reliability for the standards that were assayed during the program.

Samples from the 2006 drilling program were subjected to a Quality Control (QC) program designed by the author. The QC program consisted of:

Sequentially numbered sample tickets: to identify each sample with a unique number to minimize the possibility of sample numbering errors and to ensure uniform collection of sample data.

Heat-sealed sample bags: to secure individual sample bags to reduce the possibility of sample contamination, spilling or tampering.

Chain of custody: samples were stored in secure preparation area and delivered to the laboratory directly by commercial freight carrier.

Sample duplicates: selected samples were quartered with either one quarter sample retained and one half and one quarter split samples sent for assay. The samples were tagged with different sample numbers generally (but not always) in sequence. Other duplicates consisted of splitting half core samples into two separate samples for assay. There were normally three or four samples duplicated for each drill hole.

Sample blanks: known geochemical blanks of un-mineralized rock material were inserted into the sample sequence at a frequency of approximately 1 in 25. All blanks returned background values, including one inserted directly following a "standard" value to test for "smear effect" during the sampling process, indicating no observable contamination. Thus, the analytical techniques employed by ALS Chemex can be considered highly reliable. These blanks were assigned unique sample numbers within the sample sequence so as to be "blind" to the laboratory.

Reference standard samples: Approximately 75 kilograms of silicified felsic volcanic breccia was collected from the discovery outcrop from an interval known to assay between 1.02 and 1.70 gm/t gold. The samples were manually broken in to pieces of less than three centimeters and thoroughly mixed. The "homogenized" sample was staked in a cone and samples were collected from each of the four quadrants and combined as one sample. Visually, care was taken so that the combined samples contained a relatively similar range of material size. Two samples were inserted in the sample sequence. In addition two commercially produced standards were purchased. The two different standards used were one having a gold value of 1.44 g/t gold, the other having 10.00 g/t gold. Assay results were almost identical to the known values; the former returned values of 1.335 and 1.455 g/t gold; the latter returned a value of 9.63 g/t gold. This indicates very high reliability of results provided by ALS Chemex. These reference standards were assigned unique sample numbers within the sample sequence immediately preceding or following the blank samples.

CONCLUSIONS

The felsic volcanic and pyroclastic rocks in the area have undergone pervasive phyllic alteration that includes sericitization and pyritization that is locally accompanied by moderate argillic alteration and localized silicification. In the area this is alteration associated with consistently weakly elevated gold values.

Mineralization and alteration at the Rat Creek and Tarn Zone is typical of epithermal mineralization, suggesting this zone is distal to centers of mineralizing systems, either laterally or at depth. The weakly elevated gold values throughout the area, combined with large lateral extent of mineralization throughout the Tintina Fault Zone in the Grew Creek area indicate a large mineralizing system, improving the potential for sizable mineralized zones outside of the Main Zone.

Two poorly defined zones are outlined on figure 5 that contain elevated to anomalous gold values in drill core. The Rat Creek zone appears to be associated with an interpreted north trending structure that is consistent with an extensional structure related to movement along the Tintina Fault System. The Tarn zone may represent a similar sub-parallel structure that has not been recognized.

RECOMMENDATIONS

Exploration in the Rat and Tarn Zone areas was conducted along a cut grid oriented at 15° – 195°, adequate for testing of west-northwest trending structures, but not suitable for testing of north-south trending zones.

Further investigation of the two bedrock anomalous zones is recommended. Drill holes should be oriented on east-west bearings. Several fences of drill holes drilled to depths of 200 meters are recommended to fully test these targets.

SUMMARY OF DIAMOND DRILL EXPENSES 2006

Grant No.	Claim Name	Date	Activity	Invoice/Function	Cost
YA75726	Canyon 10	Jan 06 – 16	Diamond Drilling	# 4185 & # 4186	\$26,400.26
YA75728	Canyon 12	Jan 17 – Feb 7	Diamond Drilling	# 4186 & 4196	\$62,826.76
		Feb 22 – Mar 9	Diamond Drilling	# 4202 & # 4203	\$10,505.36
YA75730	Canyon 14	Feb 7 – 22	Diamond Drilling	# 4196 & 4202	\$24,784.09
Total					\$124,516.47

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APPENDIX 1

STATEMENT OF QUALIFICATIONS

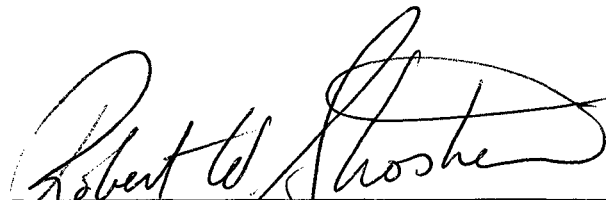
ROBERT W. STROSHEIN P.ENG.

I, Robert W. Stroshein of the City of Whitehorse, Yukon Territory, hereby certify that:

1. I am a Professional Engineer registered (No. 1165) as a member of the Association of Professional Engineers of Yukon Territory.
2. I graduated from the University of Saskatchewan at Saskatoon, Saskatchewan in 1973 with a Bachelor of Science Degree in Geological Engineering.
3. I have been actively engaged as an Exploration Geologist in the Mineral Industry in Western Canada since graduation.
4. I have planned, supervised and reported on the exploration on the Grew Creek Project for Freegold Ventures Limited during 2006.
5. My business and residential address is:

26 Liard Road
Whitehorse, Yukon Territory
Y1A 3L4

Signed,


Robert W. Stroshein, P.Eng.

September 30, 2006



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Appendix 2

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Freegold Ventures Limited
Grew Creek Project
Claim Listing

Appendix 2

Whitehorse	YA85399	Quartz	CANYON	294	A.M. Carlos - 100%.	27/12/2022	Active	105K02
Whitehorse	YA85400	Quartz	CANYON	295	A.M. Carlos - 100%.	27/12/2022	Active	105K02
Whitehorse	YA85401	Quartz	CANYON	296	A.M. Carlos - 100%.	27/12/2022	Active	105K02
Whitehorse	YA85402	Quartz	CANYON	297	A.M. Carlos - 100%.	27/12/2022	Active	105K02
Whitehorse	YA85403	Quartz	CANYON	298	A.M. Carlos - 100%.	27/12/2022	Active	105K02
Whitehorse	YA85404	Quartz	CANYON	299	A.M. Carlos - 100%.	27/12/2022	Active	105K02
Whitehorse	YA85405	Quartz	CANYON	300	A.M. Carlos - 100%.	27/12/2022	Active	105K02
Whitehorse	YC08793	Quartz	CANON	1	A.M. Carlos - 100%.	27/12/2020	Active	105K02
Whitehorse	YC08794	Quartz	CANON	2	A.M. Carlos - 100%.	27/12/2020	Active	105K02
Whitehorse	YC08795	Quartz	CANON	3	A.M. Carlos - 100%.	27/12/2020	Active	105K02
Whitehorse	YC08796	Quartz	CANON	4	A.M. Carlos - 100%.	27/12/2020	Active	105K02
Whitehorse	YC08797	Quartz	CANON	5	A.M. Carlos - 100%.	27/12/2022	Active	105K02
Whitehorse	YC08798	Quartz	CANON	6	A.M. Carlos - 100%.	27/12/2022	Active	105K02
Whitehorse	YC08939	Quartz	CANON	7	A.M. Carlos - 100%.	27/12/2020	Active	105K02
Whitehorse	YC08940	Quartz	CANON	8	A.M. Carlos - 100%.	27/12/2020	Active	105K02
Whitehorse	YC08941	Quartz	CANON	9	A.M. Carlos - 100%.	27/12/2020	Active	105K02
Whitehorse	YC08942	Quartz	CANON	10	A.M. Carlos - 100%.	27/12/2020	Active	105K02
Whitehorse	YC08943	Quartz	CANON	11	A.M. Carlos - 100%.	27/12/2020	Active	105K02
Whitehorse	YC08944	Quartz	CANON	12	A.M. Carlos - 100%.	27/12/2020	Active	105K02
Whitehorse	YC08945	Quartz	CANON	13	A.M. Carlos - 100%.	27/12/2020	Active	105K02
Whitehorse	YC08946	Quartz	CANON	14	A.M. Carlos - 100%.	27/12/2020	Active	105K02
Whitehorse	YC18135	Quartz	DOZER	1	A.M. Carlos - 100%.	12/08/2008	Active	105K03
Whitehorse	YC18136	Quartz	DOZER	2	A.M. Carlos - 100%.	12/08/2008	Active	105K03
Whitehorse	YC18137	Quartz	DOZER	3	A.M. Carlos - 100%.	12/08/2008	Active	105K03
Whitehorse	YC18138	Quartz	DOZER	4	A.M. Carlos - 100%.	12/08/2008	Active	105K03
Whitehorse	YC18139	Quartz	DOZER	5	A.M. Carlos - 100%.	12/08/2008	Active	105K03
Whitehorse	YC18140	Quartz	DOZER	6	A.M. Carlos - 100%.	12/08/2008	Active	105K03
Whitehorse	YC18141	Quartz	DOZER	7	A.M. Carlos - 100%.	12/08/2008	Active	105K03
Whitehorse	YC18142	Quartz	DOZER	8	A.M. Carlos - 100%.	12/08/2008	Active	105K03
Whitehorse	YC18143	Quartz	DOZER	9	A.M. Carlos - 100%.	12/08/2008	Active	105K03
Whitehorse	YC18144	Quartz	DOZER	10	A.M. Carlos - 100%.	12/08/2008	Active	105K03
Whitehorse	YC18145	Quartz	DOZER	11	A.M. Carlos - 100%.	12/08/2008	Active	105K03
Whitehorse	YC18146	Quartz	DOZER	12	A.M. Carlos - 100%.	12/08/2008	Active	105K03
Whitehorse	YC18147	Quartz	DOZER	13	A.M. Carlos - 100%.	12/08/2008	Active	105K03
Whitehorse	YC18148	Quartz	DOZER	14	A.M. Carlos - 100%.	12/08/2008	Active	105K03
Whitehorse	YC18762	Quartz	KAOLIN	1	A.M. Carlos - 100%.	17/09/2010	Active	105K03
Whitehorse	YC18763	Quartz	KAOLIN	2	A.M. Carlos - 100%.	17/09/2010	Active	105K03
Whitehorse	YC18764	Quartz	KAOLIN	3	A.M. Carlos - 100%.	17/09/2010	Active	105K03
Whitehorse	YC19300	Quartz	KAOLIN	4	A.M. Carlos - 100%.	17/09/2007	Active	105K03
Whitehorse	YC19301	Quartz	KAOLIN	5	A.M. Carlos - 100%.	17/09/2007	Active	105K03
Whitehorse	YC19302	Quartz	KAOLIN	6	A.M. Carlos - 100%.	17/09/2007	Active	105K03
Whitehorse	YC19303	Quartz	KAOLIN	7	A.M. Carlos - 100%.	17/09/2007	Active	105K03
Whitehorse	YC19304	Quartz	KAOLIN	8	A.M. Carlos - 100%.	17/09/2007	Active	105K03
Whitehorse	YC19305	Quartz	KAOLIN	9	A.M. Carlos - 100%.	17/09/2007	Active	105K03
Whitehorse	YC19306	Quartz	KAOLIN	10	A.M. Carlos - 100%.	17/09/2007	Active	105K03
Whitehorse	YC19362	Quartz	MAVERICK	1	A.M. Carlos - 100%.	15/06/2019	Active	105K02
Whitehorse	YC19363	Quartz	MAVERICK	2	A.M. Carlos - 100%.	15/06/2019	Active	105K02
Whitehorse	YC19364	Quartz	MAVERICK	3	A.M. Carlos - 100%.	15/06/2019	Active	105K02
Whitehorse	YC19365	Quartz	MAVERICK	4	A.M. Carlos - 100%.	15/06/2019	Active	105K02
Whitehorse	YC19366	Quartz	MAVERICK	5	A.M. Carlos - 100%.	15/06/2019	Active	105K02
Whitehorse	YC19367	Quartz	MAVERICK	6	A.M. Carlos - 100%.	15/06/2019	Active	105K02
Whitehorse	YC19368	Quartz	MAVERICK	7	A.M. Carlos - 100%.	15/06/2019	Active	105K02
Whitehorse	YC19369	Quartz	MAVERICK	8	A.M. Carlos - 100%.	15/06/2019	Active	105K02
Whitehorse	YC19370	Quartz	MAVERICK	9	A.M. Carlos - 100%.	15/06/2019	Active	105K02
Whitehorse	YC19371	Quartz	MAVERICK	10	A.M. Carlos - 100%.	15/06/2019	Active	105K02

Freegold Ventures Limited
Grew Creek Project
Claim Listing

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Whitehorse	YC19372	Quartz	MAVERICK	11	A.M. Carlos - 100%.	15/06/2019	Active	105K02
Whitehorse	YC19373	Quartz	MAVERICK	12	A.M. Carlos - 100%.	15/06/2019	Active	105K02
Whitehorse	YC19374	Quartz	KAOLIN	11	A.M. Carlos - 100%.	17/09/2008	Active	105K03
Whitehorse	YC19375	Quartz	KAOLIN	12	A.M. Carlos - 100%.	17/09/2008	Active	105K03
Whitehorse	YC26055	Quartz	MAVERICK	13	A.M. Carlos - 100%.	15/06/2015	Active	105K02
Whitehorse	YC26056	Quartz	MAVERICK	14	A.M. Carlos - 100%.	15/06/2015	Active	105K02
Whitehorse	YC26057	Quartz	MAVERICK	15	A.M. Carlos - 100%.	15/06/2015	Active	105K02
Whitehorse	YC26058	Quartz	MAVERICK	16	A.M. Carlos - 100%.	15/06/2015	Active	105K02
Whitehorse	YC26059	Quartz	MAVERICK	17	A.M. Carlos - 100%.	15/06/2016	Active	105K02
Whitehorse	YC26060	Quartz	MAVERICK	18	A.M. Carlos - 100%.	15/06/2016	Active	105K02
Whitehorse	YC26061	Quartz	MAVERICK	19	A.M. Carlos - 100%.	15/06/2016	Active	105K02
Whitehorse	YC26062	Quartz	MAVERICK	20	A.M. Carlos - 100%.	15/06/2016	Active	105K02
Whitehorse	YC26063	Quartz	MAVERICK	21	A.M. Carlos - 100%.	15/06/2016	Active	105K02
Whitehorse	YC26064	Quartz	MAVERICK	22	A.M. Carlos - 100%.	15/06/2016	Active	105K02
Whitehorse	YC26065	Quartz	MAVERICK	23	A.M. Carlos - 100%.	15/06/2016	Active	105K02
Whitehorse	YC26066	Quartz	MAVERICK	24	A.M. Carlos - 100%.	15/06/2015	Active	105K02
Whitehorse	YC26067	Quartz	MAVERICK	25	A.M. Carlos - 100%.	15/06/2016	Active	105K02
Whitehorse	YC26068	Quartz	MAVERICK	26	A.M. Carlos - 100%.	15/06/2016	Active	105K02
Whitehorse	YC26069	Quartz	MAVERICK	27	A.M. Carlos - 100%.	15/06/2016	Active	105K02
Whitehorse	YC26070	Quartz	MAVERICK	28	A.M. Carlos - 100%.	15/06/2016	Active	105K02
Whitehorse	YC26071	Quartz	MAVERICK	29	A.M. Carlos - 100%.	15/06/2015	Active	105K02
Whitehorse	YC26072	Quartz	MAVERICK	30	A.M. Carlos - 100%.	15/06/2016	Active	105K02
Whitehorse	YC26073	Quartz	MAVERICK	31	A.M. Carlos - 100%.	15/06/2016	Active	105K02
Whitehorse	YC26074	Quartz	MAVERICK	32	A.M. Carlos - 100%.	15/06/2016	Active	105K02
Whitehorse	YC26075	Quartz	MAVERICK	33	A.M. Carlos - 100%.	15/06/2016	Active	105K02
Whitehorse	YC26076	Quartz	MAVERICK	34	A.M. Carlos - 100%.	15/06/2016	Active	105K02
Whitehorse	YC26077	Quartz	MAVERICK	35	A.M. Carlos - 100%.	15/06/2016	Active	105K02
Whitehorse	YC26078	Quartz	MAVERICK	36	A.M. Carlos - 100%.	15/06/2016	Active	105K02
Whitehorse	YC30101	Quartz	MAVERICK	37	A.M. Carlos - 100%.	01/10/2014	Active	105K02
Whitehorse	YC30102	Quartz	MAVERICK	38	A.M. Carlos - 100%.	01/10/2014	Active	105K02
Whitehorse	YC30103	Quartz	MAVERICK	39	A.M. Carlos - 100%.	01/10/2014	Active	105K02
Whitehorse	YC30104	Quartz	MAVERICK	40	A.M. Carlos - 100%.	01/10/2014	Active	105K02
Whitehorse	YC30105	Quartz	MAVERICK	41	A.M. Carlos - 100%.	01/10/2014	Active	105K02
Whitehorse	YC30106	Quartz	MAVERICK	42	A.M. Carlos - 100%.	01/10/2014	Active	105K02
Whitehorse	YC30107	Quartz	MAVERICK	43	A.M. Carlos - 100%.	01/10/2013	Active	105K02
Whitehorse	YC30108	Quartz	MAVERICK	44	A.M. Carlos - 100%.	01/10/2013	Active	105K02
Whitehorse	YC30109	Quartz	MAVERICK	45	A.M. Carlos - 100%.	01/10/2013	Active	105K02
Whitehorse	YC30110	Quartz	MAVERICK	46	A.M. Carlos - 100%.	01/10/2013	Active	105K02
Whitehorse	YC30111	Quartz	MAVERICK	47	A.M. Carlos - 100%.	01/10/2013	Active	105K02
Whitehorse	YC30112	Quartz	MAVERICK	48	A.M. Carlos - 100%.	01/10/2013	Active	105K02
Whitehorse	YC30113	Quartz	CANON	15	A.M. Carlos - 100%.	01/10/2014	Active	105K02
Whitehorse	YC30114	Quartz	CANON	16	A.M. Carlos - 100%.	01/10/2014	Active	105K02
Whitehorse	YC30115	Quartz	CANON	17	A.M. Carlos - 100%.	01/10/2014	Active	105K02
Whitehorse	YC30116	Quartz	CANON	18	A.M. Carlos - 100%.	01/10/2014	Active	105K02
Whitehorse	YC30117	Quartz	CANON	19	A.M. Carlos - 100%.	01/10/2014	Active	105K02
Whitehorse	YC30118	Quartz	CANON	20	A.M. Carlos - 100%.	01/10/2014	Active	105K02
Whitehorse	YC30119	Quartz	CANON	21	A.M. Carlos - 100%.	01/10/2014	Active	105K02
Whitehorse	YC30120	Quartz	CANON	22	A.M. Carlos - 100%.	01/10/2014	Active	105K02
Whitehorse	YC30121	Quartz	CANON	23	A.M. Carlos - 100%.	01/10/2014	Active	105K02
Whitehorse	YC30122	Quartz	CANON	24	A.M. Carlos - 100%.	01/10/2014	Active	105K02
Whitehorse	YC37856	Quartz	RAIL	51	Freegold - 100%.	30/12/2010	Active	105K02
Whitehorse	YC37857	Quartz	RAIL	52	Freegold - 100%.	30/12/2010	Active	105K02
Whitehorse	YC37858	Quartz	RAIL	53	Freegold - 100%.	30/12/2010	Active	105K02
Whitehorse	YC37859	Quartz	RAIL	54	Freegold - 100%.	30/12/2010	Active	105K02
Whitehorse	YC37861	Quartz	RAIL	56	Freegold - 100%.	30/12/2010	Active	105K02

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Freegold Ventures Limited
Grew Creek Project
Claim Listing

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Whitehorse	YC37924	Quartz	RAIL	119	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37925	Quartz	RAIL	120	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37926	Quartz	RAIL	121	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37927	Quartz	RAIL	122	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37928	Quartz	RAIL	123	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37929	Quartz	RAIL	124	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37930	Quartz	RAIL	125	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37931	Quartz	RAIL	126	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37932	Quartz	RAIL	127	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37933	Quartz	RAIL	128	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37934	Quartz	RAIL	129	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37935	Quartz	RAIL	130	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37936	Quartz	RAIL	131	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37937	Quartz	RAIL	132	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37938	Quartz	RAIL	133	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37939	Quartz	RAIL	134	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37940	Quartz	RAIL	135	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37941	Quartz	RAIL	136	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37942	Quartz	RAIL	137	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37943	Quartz	RAIL	138	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37944	Quartz	RAIL	139	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37945	Quartz	RAIL	140	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37946	Quartz	RAIL	141	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37947	Quartz	RAIL	142	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37948	Quartz	RAIL	143	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37949	Quartz	RAIL	144	Freegold - 100%.	30/12/2006	Active	105K03
Whitehorse	YC37950	Quartz	RAIL	145	Freegold - 100%.	30/12/2006	Active	105K03

Appendix 3

Diamond Drill Logs

Drill Holes

GC-06-245 to GC-06-249

GREW CREEK PROJECT

DIAMOND DRILL HOLE LOGS

GEOLOGIC AND ALTERATION LEGEND

PLEISTOCENE

OVBN

Overburden: poorly sorted, clay rich glacial till; numerous exotic boulders rounded to sub-angular in clay rich matrix. Or, preglacial gravel; rusty weathered sandy to pebbles of exotic composition recoveries very poor. Or, carbonaceous black organic deposits; locally coal beds at deeper levels.

EOCENE

SEDS

Fluvial sedimentary rocks: moderately to poorly consolidated interbedded sandstone, conglomerate, argillite and coal. Light grey to black, moderately to poorly sorted sandstone and polymictic conglomerate with gradational contacts. Conglomerate is clast supported with sandy matrix. Sandstone massive to graded bedding and locally cross bedded. Argillite is fissile black mudstone to coaly deposits. Thin beds within the clastic graded sequence.

TUFF

Felsic crystal tuff: otherwise identified as:

RHYT: felsic crystal or ash tuff with variable lithic or lapilli clasts.

S&P TUFF: salt and pepper texture of non-welded rhyolite crystal lithic tuff. Lithic clasts of uniform size ranging from 1-3 mm in crystal matrix.

CLP TUFF: rhyolite crystal lithic or lapilli pumice tuff. Distal facies poorly sorted with minor lapilli clasts predominant lithic clast and crystal tuff matrix. Proximal facies predominantly lapilli rhyolite and pumice fragments with minor dark crystal matrix.

WELDED RHYT: welded CLP tuff. Creamy grey to green pseudo-porphyry with rounded and broken white to grey "phenocryst" of calcite or rhyolite.

HVB

HETEROLITHIC VOLCANIC BRECCIA TUFF: heterolithic tuff breccia. Proximal facies poorly sorted lapilli tuff. Lapilli of felsic, intermediate, pumice, and metamorphic in minor dark grey ash matrix.

RHY **RHYOLITE:** massive fine grained grey rhyolite. Partially brecciated. Other types as follows:

RHYX: rhyolite breccia.

RHYP: rhyolite "quartz eye" porphyry. Smoky grey quartz phenocryst in fine grained creamy to white groundmass.

QPOR: quartz porphyry. As RHYP with larger more prominent quartz phenocryst.

FPOR: feldspar porphyry. Grey euhedral feldspar phenocryst in fine grained grey groundmass.

QFP: quartz feldspar porphyry. Grey quartz eye and feldspar phenocryst in creamy white groundmass.

IVOL **INTERMEDIATE VOLCANICS:** dark grey green lithic and lapilli tuff and tuff breccia.

AND: fine grained massive andesite flow rocks. Occasionally porphyritic or amygdaloidal.

MVOL **MAFIC VOLCANICS:** dark green to black locally chloritized mafic tuff and tuff breccia.

BSLT: fine grained massive to porphyritic dark green basalt flow or dyke.

DIABASE **DIABASE/MICROGABBRO/DIORITE:** equigranular fine to medium grained mafic intrusive rocks. Composed of plagioclase grains and 20-40 % amphibole crystals.

CONG **CONGLOMERATE:** very resistant, strongly lithified quartz pebble conglomerate. Massive bedded with interbeds of SST - sandstone and ARG - argillite. Conglomerate is clast supported with rounded to sub-angular clasts of quartz, sandstone, siltstone and rare volcanic and metamorphic rocks. Interbeds of coarse sandstone are gradational quartzose beds of medium thickness. Siltstone beds are black carbonaceous.

PALAEOZOIC

CPHY **CHLORITIC SHEAR:** well foliated heterolithic brecciated shear zone with chlorite rich matrix.

FLT **FAULT ZONE:** coarse heterolithic breccia in black carbonaceous clay matrix in conglomerate sequence or clay seams in volcanic rocks.

ALTERATION CODES:

S	SILICIFICATION:	W - weak, patchy M - moderate, along vein margins P - pervasive																								
A	ARGILLIC:	Ac - acid leaching F - feldspars selectively altered to clay P - pervasive clay altered																								
C	CARBONATE	W - weak, patchy local calcification M - moderate calcite of matrix or calcite altered "phenocrysts" P - pervasive alteration of matrix and calcite "phenocrysts". S - strong, highly effervescent with HCl.																								
Se	SERICITE	W - weak, patchy green alteration M - moderate alteration P - pervasive, bright green smectite alteration																								
Py	PYRITE	<table><tr><td>Percentage</td><td>Tr</td><td>trace</td></tr><tr><td></td><td>1</td><td>1 - 3 %</td></tr><tr><td></td><td>2</td><td>3 - 5 %</td></tr><tr><td></td><td>3</td><td>5 - 10 %</td></tr><tr><td></td><td>4</td><td>10 - 20 %</td></tr><tr><td></td><td>5</td><td>20 - 40 %</td></tr><tr><td>Type</td><td>D</td><td>disseminated</td></tr><tr><td></td><td>S</td><td>stringer</td></tr></table>	Percentage	Tr	trace		1	1 - 3 %		2	3 - 5 %		3	5 - 10 %		4	10 - 20 %		5	20 - 40 %	Type	D	disseminated		S	stringer
Percentage	Tr	trace																								
	1	1 - 3 %																								
	2	3 - 5 %																								
	3	5 - 10 %																								
	4	10 - 20 %																								
	5	20 - 40 %																								
Type	D	disseminated																								
	S	stringer																								
Qv	QUARTZ VEINS	Number of veins or stringers.																								
T	Type or Total Alteration Classification	<table><tr><td>Ph</td><td>phyllic</td></tr><tr><td>QA</td><td>quartz-adularia</td></tr><tr><td>A</td><td>argillic</td></tr><tr><td>W</td><td>clay weathering</td></tr><tr><td>L</td><td>local</td></tr><tr><td>M</td><td>moderate</td></tr><tr><td>I</td><td>intense</td></tr></table>	Ph	phyllic	QA	quartz-adularia	A	argillic	W	clay weathering	L	local	M	moderate	I	intense										
Ph	phyllic																									
QA	quartz-adularia																									
A	argillic																									
W	clay weathering																									
L	local																									
M	moderate																									
I	intense																									
CR	Core recovery in %																									
Struct. Int.	Fracture intensity of core:	degree of broken core from 0 - continuous whole core piece to 10 - no whole core pieces recovered.																								

GREW CREEK PROJECT

DIAMOND DRILL LOG

GC06-245

Hole No.: GC06-245		Grid: RAT CREEK		Claim: CANYON 10		Page 1 of 9												
Depth: 124.97m		Coordinates - Northing		Bearing: 106° TRUE NORTH (090° GRID)		Date Started: JAN. 7, 2006												
Angle: -55°		- Easting:		Elevation: 777.0m		Date Completed: JAN. 16, 2006												
Core Size: NQ		Dip Tests: 53° @ 12.20m; 46.5° @ 48.77m; 50.5° @ 121.92m		Drilled by: CARON DIAMOND DRILLING		Logged By: R. HULSTEIN												
Footage		Rock Type	Alteration							Assays						% RCVRY	UTM & ELEVATION FROM GARMIN: GPS MAP60CS	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		Description	
		OVBD															Overburden	
0.00	30.48	Till															15cm Glacial till, boulders & sand, tough drilling. Rnd'd pebbles of S&P tuff, dk grey schist, gtz	
30.48	37.80	Till															6% Glacial till: as above. Some schist pebbles cut by gtz veinlets.	
37.80	40.84	Till															3% Glacial Till; as above; Bedrock contact @ 40.84m. Phenos & patchy smectite in light green grey gndmass	
40.84	73.15	QFP (RHXL) (QPOR)															rhynolite. 3-5% grey rounded quartz eyes, <3-4mm, 5-7% white - carbonate - argillic - smectite altered 1-15mm round'd - irregular fold spar phenos. Irregular patches & wisps of green smectite (feldspars - lithic clasts?) in green gndmass	
			-	F	M	W	Tr	-	A	40.84	42.06	1.24	B665801	0.006	<0.5	95%	8 pieces	Trace diop py, commonly on minor gray hair-line gray - smectite coated, fractures.
			-	F	M	W	Tr	-	A	42.06	43.28	1.22	N/S			50%	5 pieces	Solid core, minor clay coated fractures, shears, 42.06 - 43.28; includes 20cm of cave - till pebbles.
													BLANK	B665802	0.005	<0.5	BLANK	4 Shears w 3mm clay @ 30° - 45° to C.A.
			-	F	M	W	Tr	-	A	43.28	44.81	1.53	B665803	0.007	<0.5	100%	13 pieces	44.81 - 45.72; Fractured & willy brx w clay filling.
			-	F	M	W	Tr	-	A	44.81	45.72	0.91	N/S				6 pieces	Light green sericite color diminishes below 45.72
			W	F	M	W	Tr	-	A	45.72	47.24	1.52	B665804	<0.005	<0.5	85%	15 pieces	45.72 - 47.24; well fractured & sheared with clay & crushed rhy 20°-30° to C.A. Gray hairline fractures w tr py 00-30° to C.A. (V. minor). Core pieces <10cm.

Hole No. GC06-245

Page No. 3 of 9

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Hole No. GCO6-245
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			Page No. 3 of 9
		QFP cont															54.25-54.86 cont. 86% rec'y, 5 pieces core, very incompetent. 54.86-55.47; tectonically fractured; 75% rec'y, 6 pieces core & broken. 55.00 clast of foliated fine grained 'ash tuff' or phyllosilicate.	
			W	F	M	W	Tr	-	A	55.47	57.30	1.83	B665810	0,000	<0.5	82% 13 pieces	Fractured & tectonically brecciated with local dark grey clay, 20-55° to c.A. core ≤ 15cm. 56.32-56.57m; Healed (primary?) breccia; fine grained rhy matrix. Clasts of QFP.	
										57.30	58.83	1.53	N/S			5%	Missing core; 2 small pieces of competent QFP - ground core?	
										58.83	60.35	1.52	N/S			5%	Missing core; Small pieces of QFP & cuttings. - ground core?	
			M	F	M	W	Tr	-	A	60.35	61.87	1.52	B665811	0,000	<0.5	98%	7 solid pieces of core, 1 @ 25cm. Irregular network of black hairline fractures ≤ 1-3 mm with micro breccias, tr diss py. & 6cm light grey clay (Fault zone)	
			M	F	M	W	Tr	-	A	61.87	63.40	1.53	N/S			67% 10 pieces	Fractured & broken sections. 62.47m, weak foliation - pharos aligned @ ~35° to c.A. 63.10-63.30m; brecciated (almost crumble) with brown siliceous-weak clay matrix. Fractures @ 25-50° to c.A. Tr grey clay on face (diminished from above). Tr diss py.	

Hole No. GC06-245

Page No. 5 of 9

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
		RHYT con't															77.00-77.72; Not banded or laminated, tectonically brx & sheared, sericite on fractures, clay
			W	F	M	W	Tr	-	A	77.72	79.25	1.53	N/S			52% 4 pieces	First 20cm of recovered core is brx'd w clay matrix. Irregular bands ~20° to c.A.
			W	F	M	W	Tr	-	A	79.25	80.77	1.52	B665818	0.005	20.5	95 9 pieces	RHYT Breccia, QFP, fine gr rhy-dacite clasts in patchy sericitic matrix of same. 80.22-80.57: Tectonically brx-sheared-with clay gauge @ 30-45° C.A.
			W	F	M	W	Tr	-	A	80.77	82.30	1.53	N/S				80.77-81.69 : 87% - 4 solid pieces, weak fol @ 70° 81.69 - 82.30 : 63% - 2 solid pieces: Sheared & tectonically brecciated with clay & sericite (Fault) from 81.35-82.58 @ 00-30° to c.A.
			W	F	M	W	-	-	A	82.30	83.82	1.52	B665819	0.006	20.5	96% 12 pieces	- wispy lithic QFP clasts & rne fine grained ash bands & laminations
			W	F	M	W	-	-	A	83.82	85.34	1.52	N/S			97% 12 pieces	- clasts more defined, bands of fine grained ash @ ~70-80° to c.A. (wavy & irregular), clay- sericite coated fractures @ 00-20° to c.A. (irregular brown wavy lamin. similar to brown fine gr breccia @ Grck.) & laminated
86.42	95.80	HVB	W	F	M	W	Tr	-	A	85.34	86.87	1.53	B665820	0.009	20.5	100% 10 pieces	85.34-86.42; increasingly banded & darker gray ash matrix downhole, "Banding" @ 70° to c.A. 86.42m: X-cutting chlorite contact @ 60° to c.A. (X-cuts laminations).

Hole No. GC 06-245

Page No. 6 of 9

Footage From (m) To (m)		Rock Type	Alteration							Assays						% RCVRY	Description
			S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
		HVB Cont															86.42-86.87; Start of green sericite-chl altered lithic clasts (mafic?) with rare to no Qtz-feldspar phenos. Clasts $\leq 10-15$ cm. Matrix of grey Qtz-feldspar phyr. ash with $\leq 1-3$ mm sericite altered lithics. Slight increase in Qtz-silica below 86.42m. Grey banded porphyritic clasts v. siliceous.
			W	F	W	W	Tr	-	A	86.87	88.39	1.52	N/S			92 9 pieces	- as above 86.42-86.87. Banding $\sim 60-70^\circ$ to C.A. close to 'solid' and
			W	F	W	W	Tr	-	A	88.39	89.92	1.53	B665821	0.006	20.5	100 10 pieces	- as above 86.42-86.87. Banding-laminations $\sim 40-50^\circ$ to C.A. Grey banded sections ($<20\%$) more siliceous. QFP clasts - sections not uncommon. Fine Qtz bands in siliceous sections. Py on frac & diss in dark-sericitic clasts.
																	Note: Box 9 (90.52-95.75m) was dropped (by drillers!) & core is all mixed up! Random core overall rec'y of box is $\sim 80\%$.
			W	F	W	W	Tr	-	A	89.92	90.52	0.60	N/S			100 4 pieces	89.92-90.52: moderately tectonic brx w chly & sericite increasing in matrix & on frac.
			W	F	W	W	Tr	-	A	90.52	91.44	0.92	N/S			80	Mixed up core - not sampled, minor calcite veinlet in shear @ 25° to C.A.
			W	F	W	W	Tr	-	A	91.44	92.66	1.22	B665822	0.006	20.5	80 13 pieces	Mixed up core - random sample of interval designated "91.44-92.66". HVB with grey siliceous porphyritic clasts, locally finely banded (original clast was silicified & then incorporated in brx?). Diss py in clast, brx matrix & tectonic, chly-ser rich, breccia matrix.
			W	F	W	W	Tr	-	A	92.66	95.75	3.09	N/S			80	Mixed up core; HVB as previous. Banded-laminated commonly @ 70° to C.A.
			-	F	W	W	-	-	A	95.75	96.01	0.26 56% rec'y	N/S			20 pieces	

Hole No. GCO6-245

Page No. 7 of 9

Footage		Rock Type	Alteration								Assays					% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
95.80	101.53	FLT	-	F	W	W	-	-	A	96.01	97.54	1.53	B665823	0.008	<0.5	56 %	95.80-101.53; Fault zone, upper contact determined by box (9 mixed up ore above 95.80m). Brecciated & intensely fractured HVB unit to 101.20m & QFP below 101.20m. Shearing with clay bands commonly @ 70° to C.A. Fine grained creamy-grey clasts commonly "jigsaw" brecciated. Approx. 20% clay-ground tuff, sericite rich, matrix overall. Fractures commonly 40-50° to C.A. Almost no pyrite
			-	F	W	W	Tr	-	A	97.54	99.06	1.52	N/S			100 % gon-brx	
			-	F	W	W	Tr	-	A	99.06	100.58	1.52	B665824	0.008	<0.5	92 % gon-brx	
101.53	124.97	QFP	-	F	W	W	-	-	A	100.58	102.11	1.53	N/S			100 %	HVB & QFP in fault contact (?) in fault zone @ ~101.20. Gradational over ~0.30m. - Sharp 0.5cm clay shear 35° to C.A. @ 101.53m with coherent QFP downhole. - QFP below 101.53m, v. coherent, no evidence of primary brx, tuff clasts or banding. Very similar to 40.84-73.15m. - weakly & texturally brx - showed to minor clay-sericite filling & coatings. This diminishes down hole from upper contact
																4 pieces	
			-	F	W	W	Tr	-	A	102.11	103.63	1.52	B665825	<0.005	<0.5	100 %	
																8 pieces	
			-	F	W	W	Tr	-	A	103.63	105.16	1.53	N/S			100 %	Traces of pyrite, 3mm grey clay shear @ 103.30m @ 37° to C.A. Healed breccia & irregular clay-sericite bands related to QFP contact. - Irregular 1-2mm grey pyritic fracture @ 25° to C.A. @ 104.75m, weakly 'auto-brecciated'
			-	F	W	W	Tr	-	A	105.16	106.88	1.52	B665826	0.007	<0.5	5 pieces 100 %	

Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Hole No. GC06-295
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			Page No. 8 of 9
		QFP	-	F	W	W	Tr	-	A	106.68	108.20	1.52	N/S				100%	-Weakly fractured with minor clay & sericite.
		CONT															9 pieces	Tr dis py. Fractured & sheared @ 30° to CA @ 108.15m
			-	F	W	W	I	-	A	108.20	109.73	1.53	B665827	0.006	<0.5		95%	- Fractured & sheared with clay & crushed QFP @ 108.20
																	10 pieces	to 108.70 m @ 25° to C.A. Tr dis py in
		Thin																QFP & crushed QFP & no v. thin ≤ 1cm discontinuous
		DIABASE	-	F	W	W	Tr	-	A	109.73	111.25	1.52	N/S				100%	stringers on X-cutting fractures, i.e. 108.30 @ 70° to C.A.
		dykes															11 pieces	110.21-110.34: Black diabase dyke; contact @ 10°-
																		15° to C.A. & irregular - occupying shear
																		with 1cm brx margin on one side. Dyke
																		is brx w rounded ≤ 1cm clasts of fine gr diabase
																		& folies. No thermal or other alt on contacts.
																		111.00: 2 cm crushed shear zone @ 20-25° to C.A.
																		with 1cm wedge of DIABASE ~~0.006~~ 0.00
																		111.15-111.25: DIABASE DYKE, BRX with clasts < 3-4mm,
																		v. similar to 110.21-110.34, upper contact irregular
																		in crushed shear ~ 2cm wide @ 55° to C.A.
																		lower contact sharp @ 55° to C.A., slightly
																		offset ≤ 0.5cm by sericite coated fracture.
																		- Dykes look transparent with QFP & fracturing.
																		- Dykes have weak fabric parallel to contacts.
		QFP	-	F	W	W	I	-	A	111.25	112.78	1.53	B665830	0.012	<0.5		100%	Textonic
		cont																QFP fractured & weakly brecciated @ 111.80-112.36
																		with thin ^{≤ 1mm} py stringers & py blebs on fractures &
																		in brx matrix. Pyritic fractures avg 40-55° but
																		also irregular.
			-	F	W	W	I	-	A	112.78	114.30	1.52	N/S				89%	- weakly fractured ~ 30-45° to C.A., ≤ 1% dis py
																	9 pieces	& minor py coated fractures.

Footage		Rock Type	Alteration							Assays					% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	
	QFP	QFP	W	F	W	W	<1	-	A	114.30	115.82	1.52	B665832	0.011	20.5	100%
	CONT	CONT											✓			8 pieces
			W	F	W	W	<2	-	A	115.82	117.35	1.53	N/S			97%
																7 pieces
																- More fractured with weak brx between 30-50° to C.A. 116.85-117.05: ^{Tectonic} brecciated, upper contact @ 20°. Trace dis py & minor py coatings as above.
			W	F	W	W	1	-	A	117.35	118.87	1.52	B665833	0.005	20.5	100%
													✓			- Weakly brecciated & fractured, X-cut by irregular gang - pyritic stringers that often wrap around clasts.
			W	F	W	W	1	-	A	118.87	120.40	1.53	N/S			90%
																7 pieces
			W	F	W	W	1	-	A	120.40	121.92	1.52	B665834	0.006	20.5	90%
													✓			5 pieces
			W	F	W	W	1	-	A	121.92	123.44	1.52	N/S			92%
																7 pieces
																- As above, similar py, less brx, shearing & fracturing 122.74-122.84; sheared & ^{tectonic} brx with 3-4 mm white calcite vein - all @ 45° to C.A.
			W	F	W	W	1	-	A	123.44	124.97	1.53	B665835	0.007	20.5	100%
																8 pieces
Geophysical	Samples	each ~20 cm								STANDARD			B665836	1.395	20.5	
depth	47.75 m									CREAS 6 Pb						- As above, weakly brx & sheared @ 123.65-123.75; 124.07-124.27 & 124.67-124.97m. ^{Tectonic} Breccia contacts & shears commonly 30° to C.A. Crushed QFP brx matrix calcareous. Pyrite distribution as above.
	79.05															
	93.14	- From dropped box														
	98.20															
	104.15															
	117.25 m															124.97m F.O.H. - Hole stopped short of 200m due to full & frozen sump & proximity to pond.

Hole No. GC06-245

Page No. 9 of 9

GREW CREEK PROJECT

DIAMOND DRILL LOG

Hole No.: GC06-246		Grid: RAT CREEK		Claim: CANYON 12		Page 1 of 3												
Depth: 101.5 m		Coordinates - Northing		Bearing: 270° (TRUE NORTH); 254° GRID		Date Started: Jan. 19 / 06												
Angle: -50		Easting:		Elevation: 847m ASL		Date Completed: Jan. 29 / 06												
Core Size: HQ, NQ		Dip Tests: @ 54.9m - 48°		Drilled by: E. CARON DIAMOND DRILLING		Logged By: R. HULSTEIN / J. Paulsen												
Footage		Rock Type	Alteration							Assays					% RCVR	Description		
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm	
0	6.10	OVBN								0	6.10	6.10	N/S			3%	Till; rounded pebbles, feldspar, pyrite, schists.	
6.10	9.14	OVBN								6.10	9.14	3.04	N/S			10%	Till; as above, minor dark gray matrix @ 9.14m	
9.14	9.75	OVBN								9.14	9.75	0.61	N/S			27%	Till; mixed lithologies (volcanic-schists) in gray clay matrix that is highly calcareous, - limestone cherts.	
9.75	12.19	OVBN								9.75	12.19	2.44	N/S			12	Till; as above, 4cm white of 2 cobbles (bulk of 2 minor feldspar).	
12.19	13.72	OVBN								12.19	13.72	1.53	N/S			13	Till; Brown sandy matrix.	
13.72	15.24	OVBN								Good core from 13.72 - 22.86m							100%	Till; brown & gray calcareous sandy-clay rich matrix. Mixed volcanic, lat, schist, sandstone pebbles.
15.24	16.76	OVBN								15.24	16.76	1.53	N/S			93	Till; good core - as above.	
16.76	18.29	OVBN								16.76	18.29	1.53	N/S			100	Till; good core - as above.	
18.29	19.81	OVBN								18.29	19.81	1.52	N/S			100	Till; " " " "	
19.81	21.34	OVBN								19.81	21.34	1.53	N/S			100	Till; good core - as above.	
21.34	22.86	OVBN								21.34	22.86	1.52	N/S			37	Till; good core - as above.	
22.86	24.38	OVBN								22.86	24.38	1.52	N/S			00%		
24.38	25.91	OVBN								24.38	25.91	1.53	N/S			25	Till; Rounded pebbles of various lithologies (1-5cm)	
25.91	27.43	OVBN								25.91	27.43	1.52	N/S			26	Till; Rounded pebbles of various lithologies (<1-4cm)	
27.43	28.96	OVBN								27.43	28.96	1.53	N/S			52	Outwash! Rounded pebbles of various lithologies & 1.5 foot of fine brown sand at bottom of interval.	
28.96	30.48	OVBN								28.96	30.48	1.52	N/S			13	Till; rounded volcanic & schist-chert pebbles.	
30.48	36.58	OVBN								30.48	36.58	6.1	N/S			00		
36.58	38.10	OVBN								36.58	38.10	1.52	N/S			16	Sand & rounded pebbles of mixed lithologies	

UTM LOCATION & ELEVATION DETERMINED BY
GARMIN GPSmap60CS

Hole No. GC06-246

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
38.10	42.67	OVRN								38.10	42.67	4.57	N/S			22	Black mud: silt & clay, rare pebbles
42.67	60.35									42.67	60.35	17.68	N/S			3	Rounded pebbles of mixed lithologies, sand-silt & clay
60.35	64.01		Reduced to NQ @ 54.9m							60.35	64.01	3.66	N/S			22	5 cm of rounded pebbles of mixed lithologies @ 60.35m; remainder of interval tan-olive brn & grey silt-sand & minor clay. Fining down hole. - lake bottom sediment.
64.01	65.53									64.01	65.53	1.52	N/S			55	Medium grey silt & clay
65.53	67.06									65.53	67.06	1.53	N/S			30	Medium grey silt & clay; 15cm light tan fine grained 'volcanic' cobble.
67.06	68.58									67.06	68.58	1.52	N/S			7	Small fragments - pebbles? of fine grained felsic volcanic x-cut by 1-2mm grey gtz inlet.
68.58	70.10									68.58	70.10	1.52	N/S			72	Grey silt & sand
70.10	71.6									70.10	72.54	2.44	N/S			100	Upper 2/3 of section grey silt & sand; bottom 1/3
71.6	72.54		NB 71.6-101.5 → River (fluvial) gravels - proglacial													40	- rounded pebbles & cobbles of mixed lithologies, waterlain deposits? with about 5% gtz ± carb pebbles, ± trace - 2% py some → limonite
72.54	73.15									72.54	73.15	0.61	N/S			00	
73.15	74.07									73.15	74.07	0.92	N/S			22	Rounded pebbles of mixed lithology - pea gravel & 5% gtz as above
74.07	75.59									74.07	75.59	1.52	N/S			20	Rounded pebbles of mixed lithology.
75.59	76.20	V								76.20	75.59	0.61	N/S			30	Rounded pebbles of mixed lithologies. 5% gtz, gtz-carb, ± py, ± wuggy, some strcs
76.2	77.1															30	Rounded pebbles to cobbles of mixed lithologies. 5% gtz, gtz-carb ± py, ± wuggy, strcs in phylitic to epiclastic host + incl. RMYT and EPI + SEDS
77.1	87.8															1	cobbles - 1 piece SPP or CLP tuff, w ep, 14cm - w carb. incl.
87.8	88.4	V														8	1 cobble, 1 cobble - EPI and SED?

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Hole No. GC 06-276
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			Page No. 3 of 3
88.4	91.45	OVRN															0	—
91.45	93.9																16	Pebbles to cobbles, mixed lithologies including ^{very} RHYT, assorted epiclastics, seds, andesite, no gtz
93.9	96.0																15	Pebbles - small cobbles - assorted, RHYT ± fine gtz stringers, ANDS, EPI's, gtz + gtz-carb str/veins ± 7%
96.0	97.53																13	Pebbles, rare cobbles, assorted, ± 3% gtz + gtz-carb
97.53	97.84																22	Sed cobble - grey colour, assorted pebbles including 1% gtz-carb.
97.84	98.45																33	Pebbles - assorted, 2-3% gtz < 1cm, includes ANDS, most SEDS, ^{med} dark grey and brn.
98.45	99.35																28	Pebbles to cobbles, assorted, < 1% gtz. Lithologies include, grey SEDS, less on. EPI's
99.35	100.0																0	—
100.0	101.5																0	—
	EOH.	✓																
Lost	in OVB									*	71.6	99.35	grab	B665837	0.005	LO.5		Sample of gtz + gtz carb veins as pebbles and small cobbles in Riv Gravels throughout this section ± 35% gtz in interval

GREW CREEK PROJECT

DIAMOND DRILL LOG

Hole No: GC 06-247		Grid: RAT CK. 9516N/11600E		Claim: Canyon 12		Page 1 of 29											
Depth: 194.77m		Coordinates - Northing ^{GRID 9516N} UTM 6880656N		Bearing: 196° (GRID SOUTH)		Date Started: Jan 31/06											
Angle: -60°		(UTM Nad83) Easting: ^{GRID 11600E} UTM 612645E		Elevation: 837m		Date Completed: Feb 6/06											
Core Size: HQ		Dip Tests: ^{9.14m: -55°} 121.92m: -57° ^{60.96m: -57°} 191.72m: -61°		Drilled by: E. Caron		Logged By: J. Pautler / R. Halstein											
Footage		Rock Type	Alteration							Assays					% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
0	3.05	CAS															Casing
3.05	6.1	OVBN															30/10 Assorted pebbles, small cobbles to ~4.5m, followed by med-dark brown clayey sand with angular to subround fragments of assorted lith. incl. Rhyolite, QFP, SEDS, and QTZ and QTZ-Carb
6.1	7.3	OVBN															58/8 - as from 4.5m - 6.1m above
7.3	8.1	"															53/8 - as from 4.5 - 7.3 above
8.1	8.6	"															61/8 - as above
8.6	9.15	RHYP (FLT)								W	8.6	9.15	8665838	0.019	10.5		- strong clay, light brown @ CNT with OVBN for 10cm followed by light grey, 50% angular to milled fragments of underlying solid bedrock FLT zone or weathered bedrock to lower C Horizon; fsp phenos in RHYP → CLAY and CLAY matrix; gblc clay seam @ 9.15 @ 45% CA
(8.6)	18.9	(FLT ZONE)															as above in 8.6-9.15 -
9.15	9.8	RHYP (FLT)								W	9.15	10.2	5839	20005	20.5	100/6	@ 9.8m - CNT @ 60° with more competent lean brecciated RHYP bedrock.
																	brecciated RHYP with ~20% clay matrix with green colouration - possible smectite or green clay, also fsp → clay, minor 2-3 eyes - unit described below, sericite in frags
9.8	10.2	RHYP								W							

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 2 /
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
10.2	11.9	RHYP		F		W	Tr/D		W	10.2	11.9		8665840	0.006	<0.5	94/5	medium grey coloured Rhysolite XL lithic infill with 15-20% 3mm size (occ. to 5mm) subhedral fsp phenos → altered to clay, ± 3% 3mm size dark gtz phenos, ± minor partial wetting @ 75° CA, some clay gouge zones and: gouge - breccia zones @ 30° CA with clay matrix due to fault, strong sericite or ± smectite? occasional very trace py as dissem.; local cream - pale green col.	
11.9 (11.9)	13.4 (12.5)	RHYP (FLT) 70° CA		F		W	Tr/D		W	11.9	13.4		5841	<0.005	<0.5	93/7	As above with Fault zone from 11.9 to 12.5m - rubbly with clay gouge esp @ 11.9m - 11.95m @ > 70° CA some partial wetting @ 70° CA; minor gfc stringers @ 13.3m with weak oxidation @ 45° CA	
13.4	14.6	RHYP		F		W	Tr/D		W	13.4	15.25	1.85	5842	0.023	<0.5	100/5	As above from 10.2-11.9m, well frcd - weak cracked texture. @ 13.6 minor secondary orange coating on fracture (frc) - lim or As? @ 60° CA; Smectite in frcs but fairly minor, weak - moderate sericite throughout; some <1cm gouge zone @ 00° and 20° CA - slight increase in dissem py to almost 1% near bottom of interval.	
14.6 (14.6)	15.25 (15.25)	RHYP (FLT)		F		W	Tr/D		W							50/7	As above from 10.2-11.9m but bxed due to FLT, 0.5-1% py as dissem	
15.25 (15.25)	16.75 (16.75)	RHYP (FLT)		F		W	Tr/D		W	15.35	16.75		5843	0.01	<0.5	100/8	As above with 50% of section clay fault gouge with milled fragments ± 20% fsp phenos, 2% gtz, weak limonite on frcs	

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
16.75	17.4	RHYP (FLT)		F		W			W	16.75	17.4	1.35	B665844	20.005	20.5	100/7	As above from 10.2-11.9 but with ~20% rubble zones due to FLT some clay ± sericite frcs 25-30° + 00° 1CA; trace lim on frcs. No visible sulfide.
17.4	18.9	RHYP (FLT)		F		W	1/D		W	17.4	18.9	1.5	5845	0.023	20.5	83/6	As above from 10.2-11.9 with clay filled frcs @ 00-10° 1CA; some rubbly sections ~35% rubbly due to fault
18.9	20.5	RHYP		F		W	Tr/D		W	18.9	20.5	1.6	5846	0.030	20.5	100/7	Transitional from RHYP as at 10.2-11.9 grading into proximal CLP to CBV → described below: RHYP is locally partially to completely welded with occ. lapilli clasts 1-2 cm → commonly altered to pale greenish clay-sericite. from 19.1-19.4 - weak chl alt'n - on frcs @ 25° 1CA; and chloritic @ ~19.7-19.8m. 19.4-19.8 - alternating med grey and pale green bands - pale greenish bands welded lapilli @ 19.7 possible SMECTITE! - some bx stringers 1-2 cm in dk grey glic matrix with angular clasts of wall rock (eg @ 19.8m); - weak offset along 35° 1CA frcs CNT 070° - bit irregular
20.5	21.3	P CLP		F		W			W	20.5	21.3		5847	<0.005	20.5	67/5	generally clast dominant ~35% fine tuffaceous matrix; med grey colour with pale green to grey clasts of rhyolite, pumice ± some welding in clasts; lumps and lithic + pumice clasts → alt'd to clay/sericite

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
24.55	25.9	RHYT		F		W			W	24.55	25.9	1.35	5850	20.005	20.5	90/5	CNT @ 70°, bit irregular homogeneous med grey RHYOLITE tuff with clasts and fine fsp XLS → CLAY/ minor ser, clay in fine fcs, minor fine cal str.
25.9	27.0	RHYT		F		W	R/D		W	25.9	27.0	1.1	5851	20.005	20.5	88/5	RHYOLITE tuff as above @ 24.55-25.9 @ 26.6 - fine g ⁺ c - reddish sphaerulic stringers over 3cm wide @ 50 and 85° 1CA minor fine calcite stringers throughout unit.
27.0	27.4	PCLP		F		W			W	27.0	27.4	0.4	5852	20.005	20.5	88/5	CNT 40° 1CA - Rhyolitic Crowded XL lithic lapilli tuff as @ 22.85 - 24.55 from 27 - 27.15 - faulted - minor gouge, broken, crumbly CLP is 50-60° 10 clasts in dark gy fine tuffaceous matrix minor cal stringers; minor block. ARG clasts 0.5mm size
27.4	29.0	PCLP		F		W			W	27.4	29.0	1.6	5853	20.005	20.5	94/5	Rhy c XL lithic lapilli tuff as above. very crowded to 28.5 with 80% clasts > 0.5m in fine dark tuffaceous matrix some pumice. most rhyolite altered to clay/ser/+ some g ⁺ c rims, minor ARG clasts; clay filled fcs, minor anhydrite in stringers (too hard for fluorite); minor calcite str.

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Footage From (m) To (m)		Rock Type	Alteration							Assays						% RCVRY	Description
			S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
33.7	35.05	PCLP		W		W			W	33.7	35.05	1.35	5858	20.005	20.5	100/3	As at 29.0-30.5 with CLP and RHYP (partially welded-welded) zones (large fragments?) some smectite. esp @ 34.4m repl. lithic clast; minor Arg clasts esp near upper contact, fine clay str.
													DUPLICATE	5859	20.005	20.5	
35.05	36.6	PCLP		W		W			W	35.05	36.6	1.55	5860	20.005	20.5	100/3	As @ 27.4-28.5
													STANDARD	5861	1.335	20.5	minor smectite; fine clay str
													BLANK	5862	20.005	20.5	gouge seam 1cm @ 35.1m @ 30°1CA
36.6	38.1	PCLP		W		W	TR/A		W	36.6	38.1	1.5	5863	20.005	20.5	100/5	As above @ 35.05-36.6 with large RHYP clast for 30cm. or zone of RHYP clasts greenish clasts rimmed by up to 1cm grey similar material - chilled margin
													ROB STANDARD	5864	0.666	3.2	→ XL lithic lap tufts to volc bx with tuffaceous matrix
38.1	39.85	PCLP	W	W		W	F/D		W	38.1	39.6	1.5	5865	20.005	20.5	100/3	As above @ 27.4-28.5 with about 15% larger clasts 5-15cm, minor mm. amethyst in stringers; minor calc stringers minor smectite in clasts; clasts primarily RHYP; minor yellow-orange jarosite? stain around 39.7m occ. cal str and cal. phenos
													✓				
39.85	40.85	RHYP		W		M			W	39.85	40.85	1.0	5866	0.014	20.5	100/4	→ CNT @ 35°1CA. - fault gouge along CNT 4cm
(40.1	40.85)	(FLT)	→	20													variably brecciated RHYP - possibly @ POR - some larger g + z eyes (0.6mm)
																	Stringers ser altn - possibly due to fault gouge @ 40.1 - 40.3 and 40.6 - 40.85 - 20% → with minor lim/jarosite - 40°1CA gouge
																	→ L CNT - fault CNT - 20°1CA

g strs. 170 - 216
59.5 - 84.

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Footage From (m) To (m)		Rock Type	Alteration							Assays					% RCVRY	Description
S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm				
40.85	41.35	RHYT?		MP		W	40.85	41.35	0.5	8665867			100/4			- soft RHYT -> clay alt'd due to
40.85	41.35	(FLT)									20.005	20.5				fault line 2sp -> clay, fine tuffaceous
																RHYOLITE with feltd fsp.
																CNT 70% CA
41.35	42.7	P CLP		WP		M F/D	41.35	42.7	1.35	5868	0.011	20.5	100/4			Proximal Rhy XL lithic lap tuff with
41.35	42.7	(FLT)														few larger frags to 10cm; brecciated
																and pervasively clay altered due to
																faulty mod sericite, minor SMECTITE? lots
																zones of ground rock - still in FLT zone
42.7	44.55	P CLP		W	M	M 1/D				5869	0.033	20.5	99/9			Proximal Rhy XL lithic lap tuff with
																clasts up to 5 cm, commonly 1-3cm
																Smectite replacing clasts; some oxidation,
																ground rock, clay due to fault but
																below main part of fault - Frags
																in CLP more heterolithic below fault
																more RHYT, less RHYF, more variable
																alt'n in clasts, minor aggregates of mte
																up to 0.3mm round. 43.6m
																@ 43.5 - 44.4m - wchl. alt'n
																overall w fine cal str and cal'phers
44.55	46.2	P CLP		W	M	1/D				5870	0.007	20.5	99/6			As above but with glic - bz zones
										V						glic Agillite with some bx frags and
																RHYF frags, smectite alt'd clasts
																shl alt'd from 45.25 - 45.5m
																NB some large 15 cm RHYF and 10cm RHYT, up to
																5cm clasts near bottom of purple FPOR -> underlying

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Footage		Rock Type	Alteration							Assays						% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
45.8		FLT)															unit - see around 51.8m; rare chalc clast <1cm
46.2	47.2	PCLP		W		S	1/D	I	M	46.2	47.2	1.0	8665871	0.008	20.5	96/4	@ 45.8m - 46.25 - FAULT gouge @ CNT ground rock. CNT @ 20°ICA
																	pale green ser - clay ± chl alt'n → appears due to fault - remnant brecciation (structural?) or originally PCLP? as above but strongly altered, some resemblance to b'ked RHYT (possibly clasts in CLP)
47.2	48.7	PCLP	W	W		S	1/D		M	47.2	48.7	1.5	5872	0.028	20.5	94/4	1-fine 1-2mm glz-b'kz stringer @ 70°ICA offset by 10° PCLP, pale green alt'n as above.
																	@ 48.3 - 48.7 - grading into fault zone. @ 48.6 - 49.1m - less ser, but patchy sil FLT 30-40°ICA (closer to 30°)
48.7	50.4	PCLP	W	W, P		M	TR/D		M	48.7	50.4	1.7	5873	0.014	20.5	100/5	CNT 40°ICA -10cm of ARG SED
																	@ 48.9 - 49.05 - strongly silicified, overprinted sericite alt'n. QS alt'n, minor py - @ 70°ICA rest of zone is proximal CLP clasts up to 10cm, minor cal stringers, some minor argillaceous stringers. more monolithic; clay alt'd due to FLT, minor smectite alt'n of clasts DIBASE?
50.4	51.8	FPOR (TUFF)		W, P		M	TR/D	(I)	M	50.4	51.8	1.40	5874	20.005	20.5	98/4	Purplish coloured unit with 30% euhedral to subhedral laths of fsp generally 0.5mm longer less, fine calcite stringers occ. up to 1cm; fsp's are saussuritized, hematitic tuffaceous clasts in groundmass Fine fsp porphyritic Tuff

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
50.4	51.8	F POR							W								- @ 50.4-50.7 boxed zone with Prox. CLP and F POR - fres @ 45°ICA
	Cont'd.																@ 50.7 ^{main} CNT with F POR @ 70°ICA w/clay, mod sericite alt'n to 51.5m prob. related to fault - pale green overall colour.
																	@ 51.65m 1cm cal - weak gtz stringers @ 35°ICA
																	overall zone is pale green to pinkish colour due to alteration
51.8	53.35	F POR		W		W			W				5875	0.009	20.5	100/3	purple FSP PORPH. with fine fsp lathes, Saussuritized fsp - less pervasively ser alt'd cal stringers some clay stringers minor 0.5cm bx veins - clay/ser cement @ 20°ICA
																	@ 52.1 - 1cm hemi veinlet with 2-3mm with gtz envelope and 3-4mm jasper envelope.
																	- few other similar jasper-bearing stringers with calcite, generally @ 40°ICA
																	- grades back to ^{more} sericite alt'd ~~pale green overall colour~~ but not as strong @ 52.5m - 53.35 with some brecciation to cracked texture (flt related)
53.35	55.1	P CLP															
		F POR		W, P		M			W				5876	0.013	20.5	99/4	Alt'd as in 52.5 - 53.25 above w/clay-ser overall pale green to pinkish-purple colour, brecciated mod clay-sericite alt'd due to flt.
53.35	55.1	(FLT)															- appears to be proximal CLP unit to 54.5 followed by F POR
																	FLT @ 54.85-55.1 Main part of fault - strong clay gouge - gouge filled fres @ 30°ICA

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FPOR = RH&T C in old Logs

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Hole No. GC 06-247
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
55.1	56.4	FPOR	W?	W		W	TR/D						8665877	20,005	20.5	96/3	Purple, finely fsp porphyritic with calcite amygdulose. Fsp = saussuritized, minor jasper rimmed clasts to 0.5mm in size minor qtz-jasper clasts to 1.5cm. Fine clay alt'd stringers (1-2mm) with ser/ham envelopes to 1cm. 05, 50, 70°ICA. - appears perv. w. sil due to hozy appearance of fsp and very hard. - As above purple fsp porphyry but fsp less hozy - not silicified, not as hard. @ 56.2-56.32 ser alt'd bx zone @ 60°ICA, 1cm sercitic envelope. - some cal-jasper alt'd? clasts to 1cm wide.
56.4	57.9	FPOR		W		W	R/D						5878	20,005	20.5	97/3	
57.9	59.25	FPOR		W		W-M	R/D						5879	20,005	20.5	100/5	Purple fsp porph as above but altered from 57.9 - 58.9 to pale greenish-buff due to mod ser alt'd. Minor amygdulose near top with qtz weath infilling + jasper esp on rims, some less alt'd purple fsp por clasts within alt'd zone. @ 58.9 alt'n cont with much less ser alt'd ^{purple} FPOR @ 40°ICA
59.25	60.95	FPOR		W		±W	(3+)						5880	20,005	20.5	100/4	Purple FSP PORH, only weakly ser alt'd. < 5% 1-4mm hbl phenos, some variolitic texture of fsp, minor clay + cal-chl ± qtz fine stringers - few mm str. most @ 25°ICA; minor hbl phenos.

very fine str with dol/clay

East
Vns 63m -

Footage		Rock Type	Alteration							Assays						% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
																	@ 60.6-60.95 - sericite altered.
60.95	62.5	F POR		W		W		5 ⁺	W				8665881	20,005	20.5	100/3	As above, ^{purple F POR} but more sericite altered to ^{pale pink} and more stringers esp from 62.0-62.5 generally ^{below FLT} @ 25-30° CA - some offset along ^{STKS} _{of} ^{± cal} _{± 1cm} some jasper clasts
																	@ 62.1 - 1cm FLT gouge @ 25° CA fsp - w. saundersized.
62.5	64.0	F POR		W		W		2	W				5882	20,005	20.5	97/5	As above with sericite alt'n giving pale pink to light greenish colour, minor jasper clasts.
													DUPLICATE 5883	20,005	20.5		@ 63.1 - FLT gouge. <1cm @ 10° CA minor fine clay-cal ± minor gtz stringers with gtz-cal patches (disrupted veinlets) and 2 ± 1cm ^{± cal} gtz veinlets below fault @ 30° CA - banding evident grey+white gtc and minor white calcite.
																	DIABASE - bird's foot ^{foldover} _{agglomerations}
64.0	65.5	F POR		W		± W		1	W				5884	20,005	20.5	100/5	Variably ^{ser} altered purple fsp por. (F POR) with 1 gtz-sericite-epidote stringer 1cm wide @ 64.5m ; weak-mad cal, chl, clay stringers
65.5	67.05	F POR		W		W	Tr-1/2	3 ⁺	W				5885	20,005	20.5	97/5	Variably Sericite alt'd F POR - purple from v weak to weak, locally moderate, 3 gtz-cal veinlets about 1cm width with banded gtz and white cal to green carbonate ± urclay. ± disrupted above

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Footage		Rock Type	Alteration							Assays						% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
																	10-20° fcs ; vlets occur @ 05+25-30° 1CA some 1 cm size gtz ± carb fragments. - other fine chlorite-clay-calcite-se in str
67.05 (67.35)	67.9 (67.6)	FPOR (FLT)		W		w-m			W	67.05	67.9	0.85	B665886	20.005	20.5		sericite alt'd purple FPOR as above with mod clay alt'n around FLT zone from 67.35-67.6m @ 40° 1CA? with brecciation peripheral to FLT - kemic specs abundant in fault zone - also seen above in clay alt'd zones NOT S/L'D.!
67.9	68.6	FPOR				W		4	W	67.9	68.6	0.7	5887	0.005	20.5	100/5	Sericite alt'd purple porph with minor gtz-clay stringers @ 40° 1CA and minor calcite str
68.25	68.4	(QZ VN) Box 16											BLANK	5888	0.006	20.5	@ 68.25-68.4 m - QTZ BX VEIN - totally ischaed bx with sil wall rock frags and later gtz flooding - med grey colour @ 50° 1CA @ 68.4-68.6 - FLT related clay @ 68.45- 7cm TW cream coloured gtz-odularia? bx vein @ 40° 1CA hosted by more clay alt'd FPOR - due to fault in FLT zone @ 68.4-68.6 ground rock, milled frags, clay
68.45	68.54	(QZ VN)															
68.6	70.1	FPOR (FLT)		W.P		W		(3) 20 frags		68.6	70.1	1.50	5889	0.006	20.5	98/4	@ 68.6-68.65 - Main part of Fault - rubbery clay, alt'd milled ground rock, minor clay, kemic specs → followed by clay w sericite altered brecciated FPOR with kemic specs throughout minor remnant, gtz and gtz-cal stringers up to 0.5m
68.4	70.1	(FLT)											STANDARD	5890	1.365	20.5	

NB hematite specs above could be unmetamorphosed! or hematite calc?? - looks sec. (2°)

Footage		Rock Type	Alteration							Assays					% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	
																occ. jasper clast. - possible few cream col. adularia clasts
70.1	71.5	FPOR		WP		W	VD	2								
(70.1)	(71.5)	(FLT)											5891	20.005	20.5	100/6
																FAULT ZONE through purple porphyry pervasively clay altered due to fault and brecciated, hematite specs throughout
																gouge zones @ 25-40° 1CA; - cream col. carb stringers throughout and 1 ft ± str
																few mm size ± 15° 1CA but fragmented, another
																amorphous banded light greyish gtz vein at least
																2cm wide but badly broken
																- some red cinnabar? stringers + clasts. - reddish 2° mineral.
																- minor fine cal. stringers.
71.5	73.1	FPOR		W		W	1/D	3					5892	0.005	20.5	94/5
													✓			Purple porph (FPOR) - altered to pale pinkish to greenish - amygdaloidal with cal-gtz-jasper filling - generally 0.5 mm, rare up to 1cm.
																QTZ >> CAL ± CARB (cream col.) veinlets up to
																1.5cm 2@ 50° 1CA, 1 fragmented veinlet @ 65° 1CA
																1 veinlet. 15 banded with med amorphous
																gray and white gtz, minor calcite, gouge along
																upper contact, some bx veins with altered
																wallrock, carb-cal cement
																Cinnabar? red sec. mineral coating some clasts.
																Minor chel.
73.1	73.7			WP		W		3		73.1	73.7	0.6	5893	0.006	20.5	100/5
													✓			Purple por (FPOR) with clay/sec alt'n in fault
																zone from 73.1 - 73.4m - brecciated due to
																fault with abundant fine ground rock, lesser
																gouge, some fragmented gtz ± cal veinlets ± 1cm

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475' Call Jeff Power. 3263

Hole No. G006-247

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Footage		Rock Type	Alteration							Assays					% RCVR	Description	Page No.
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
																	@ 73.5m - 7.5cm Tw silicified bx vein @ 55°ICA with 0.8cm unlet within it near bottom @ 40°ICA gouge borders upper CNT of SIL ZONE, broken frags of wallrock - offwhite at. gtz in veins
73.7	74.7	FPOR		W		W			W				5665894	20,005	20.5	100/3	purple porphyry ± more sercite alt'd zones, sauseitized fspgs, minor chl-ser ± carb str + fine cal str minor cal filled amyggs.
74.7	76.2	FPOR		W		W		fine grs	W				5895	20,005	20.5	96/3	Variably ± sercite alt'd purple porph as above; fine carb/calcite stringers ± very minor gtz in few stringers Elmer with hemic specs
76.2	77.7	FPOR		W		W	TR/6	6	W				5896	20,005	20.5	100/4	As above var. ± ser alt'd purple porph with 6 g ^{calc} str to veinlets - 3 veinlets 0.5-1.0cm in width. - one 1cm banded vein @ 50°ICA - one more grey col unlet ± 1cm width @ 40°ICA. very minor - <u>sercite</u>
77.7	79.4	FPOR	W	W		W		2-3					5897	20,005	20.5	94/5	As above var. ± ser alt'd purple por. to 78.7m with chl-ser-(ep) veinlets ± 0.3-0.5cm @ 50°ICA which X cut and locally offset (few mm) 10-30° trending str of same.
78.7	79.0	(FLT)		W.P													@ 78.7- 79.0 - FLT zone - clay-ser alt'd with ground rock, clay gouge, minor <u>SMECTITE</u>

904 . R standard

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
			W														Hole No. GCOB-247 Page No. 16 of 29
																	@ 78.85 10cm boxed zone with 1cm. pinkish-white gtz-cal vlnet @ 50°ICA at bottom and minor fragment str in the zone itself which is also 50°ICA. followed by w. pervasively silicified amygdales (few mm) porph. sil overprints earlier sericite. to 79.25 - non sil amyg purple porph from 79.25-79.4
79.4	80.8	FPOR							VW				5898	20.005	20.5	95/4	Very purple porph., amygdaloidal. with cal, minor gtz + isophr filling amygdaloides very minor gneiss @ 80.6 with rubble zone from 79.8-80.0 fcs @ 05 Some gneiss @ 45°ICA grades less purple to almost grey & very minor sericite & only west side of fcs
80.8	82.5	FPOR				W		3	W				5899	20.005	20.5	93/5	Weak overall ser alt'd purple PORPHY with pink-purple vln strig. with cal-gtz rim (1-2mm) 3 gtz-cal-chl-ser strig. @ 50-55°ICA - banded 0.5-1cm wide; 1 offset along 15°ICA fcs ± chl str and alt'd patches. fine dark specs -> hem?
82.5	83.6	FPOR				W			W	82.5	83.60		5900	20.005	20.5	98/5	Variably ser. alt'd purple por. ± w saussuritization of fcs, fine dark specs -> hem. chl-ser strig. cal str + rare str

check sample intervals

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 17 of 29
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
83.6	84.2	FPOR				W		3	W	83.60	84.20	0.6	866590	40.005	40.5	99/6	Var ser alt'd purple porph as above with 3 cal-gtz vnlts $\approx$ 1cm wide - disrupted 10-15° 1CA, but disrupted along 45° 1CA frcs, some chl-ser vnlts.	
84.2	85.35	FPOR				W			W	84.20	85.35		5902	40.005	40.5	99/6	Variable ser alt'd purple porph; hemic spcs V minor amyggs; minor chl-ser strcs $\pm$ cal. w. frcs @ 05° 1CA $\pm$ clay	
85.35	86.1	FPOR				W			W	85.35	86.10		5903	40.005	40.5	100/6	As above minor amygdaloidal. hemic filled amygdules and/or calcite $\pm$ vlv gtz 05° frcs	
86.10	87.80	FPOR DIBASE J. Bunker K. Hultsch			P	W		1	Ph/W	86.10	87.80	1.70	5905	40.005	40.5	100/7	As above - Purple, hematite-carbonate altered feldspar porphyry. DIBASE, characterized by birds foot feldspar both agglomerate texture. Amygdaloidal from 86.1, but decreasing towards 87.80m. Amygdules of irregular fracture filling of purple hematite-carbonate in white calcite filling center. Bright red jasper filling small (mm) amygdules. bleached 86.80; 1.5cm white gtz-emb vlnet @ 55 to C.A. 86.80 - 87.00; wkly brx, hem-jasper-gtz-emb filling, brx clasts of fine gr diabase look chilled; flow top/bottom? 87.00; 1cm crushed grey diabase with gouge @ 65 to 6A. 87.00 - 87.40; wkly brx with clay coated fracture-filling.	

diabase is sill? grey sill - turning in some places to
pink or contact, some sill has almost vein-like.

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
87.80	89.9	Diabase			P	W	Tr dis	2 carb gtz	Ph w	87.80	89.90	2.1	B665906	20,005	20.5	100/3	As above - Diabase; less bleached - grades from light grey to purple to medium dark grey - purple. Cross cut by clay coated fractures & cal-dolm veinlets. 88.40; 0.5 cm calcite - clay fracture @ 30° to c.A. 89.05; 1 cm light grey clay in 15 cm brx zone, @ 60°. Dolm increasing towards 89.90m. 89.82-90.00; Brx diabase, filled & x-cut by white calcite-dolm - gtz veining - brx filling; veins @ ~30°.
89.90	91.45				m	W	-	5 gtz- carb	Prop. m	89.90	91.45	1.55	B665907	20,005	20.5	100/2	As above - diabase; medium purple-grey. "Fresher". Minor x-cutting clay coated fractures or gouge zones. 90.20; 0.5 cm white calcite vein @ 20° to c.A. 90.95; 0.5 cm white calcite vein @ 25° to c.A. X-cut by later light grey 2 mm carb violet @ 45° to c.A.
91.45	92.95				m	W		3 gtz carb	Prop. m	91.45	92.95	1.50	B665908	20,005	20.5	100/2	As above - diabase; medium purple grey - fresher diabase. Minor gtz & gtz - carbonate veinlets. 92.25m; 0.5 cm gtz - calcite violet @ 25 to c.A. Last 20 cm has is lighter grey - bleached; minor red hematite - calcite amygdules - void filling/replacement.
92.95	94.25	Diabase	-	Tr? W?	W	W	Tr dis	1	Ph m	92.95	94.25		- 5909	0.005	20.5	92/2	Diabase as above, bleaching & sericite alt increasing and carbonate alt = decreasing towards 94.25 (L.C.) lower 0.25 m, brd, shrd is clay with dis py and appears chilled. Diabase likely intrudes. 94.16; 1 cm fine gr light grey-green dykelet @ 35°, approx parallel to shrd & brx both contact @ 35° & 45° respectively. Dis py & minor gtz in clay rich brx contact (94.00 - 94.25). L.C. defined by brd differing lithology.

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 19 of 29
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			
94.25	98.46	PLA (CLP?)	W	F	M	m- (P?)	I dis	flood- ing ?	Ph m	94.25	96.00	1.75	B665910	0.021	<0.5	100/5	Sericite altered crystal lithic poorly sorted tuff. Mostly (80%) light green feldspar - quartz phytic, texturally bnd - shrd (with clay) lapilli ash tuff, white feldspars, grey quartz crystals in sa - green fine grained matrix locally banded - likely welding. Approx (20%) grey variably crystal - lithic tuff with light tan fine grained angular clasts and rounded sericite - rhyolite - gtz - fold phytic clasts (≤ 5mm) in medium grey and sericite green variably siliceous matrix. Silica could easily be early - before sericite dt = 25-46 C.A. 95.20 - 96.00; Sheared, dy rich, dis py, No grey silica. abundant calcite in sh.
			W	F	M	m- (P?)	I dis	flood- ing ?	Ph m	96.00	97.55	1.55	-5911	0.021	<0.5	90/5	As above, sheard - clay - calcite rich 96.00 - 96.55. 96.50; 1 cm piece of 'banded' gtz - silica replacing gtz - fold lithic tuff with strong sa dt selvage. 96.50 - 96.70; 3 < 0.5 cm banded gtz - calcite veinlet subparallel @ ~ 30-40° to C.A. 96.80; any that on margin of rhy clast. 97.40; 3-5mm irregular any that veinlet x-cutting all other fabrics - lithologies (inc grey gtz) @ 25°.
			W	F	W	W	I dis	flood- ing	Ph m	97.55	98.46	0.91	-5912	0.013	<0.5	100/5	As above; No shearing 98.31 - 98.46; 40% flooded by light grey quartz. lower contact @ 98.46 sharp.
										Duplicate			-5913	0.015	<0.5		
98.46	109.85	RHYT	P		Tr	W	I Dis	-	Ph m	98.46	99.05	0.59	-5914	0.019	<0.5	100/3	Creamy white siliceous fine grained rhyolite breccia clasts of flow banded - welded angular clasts (cm), Minor gtz - feldspar phenocrysts partly absorbed - rnd d.

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Footage From (m) To (m)		Rock Type	Alteration							Assays						% RCVRY	Description
			S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
		RHYT cont															
			W	Tr ON FRAC	Tr ON FRAC	W	I DIS	-	Ph M	99.05	100.60	1.55	B665915	0.027	20.5	90/3	dis py blebs in fractures. Sericite concentrated in fractures.
																	As above; Monolithologic - all rhy, occasional welded banded cherts. Crackle brx & healed, green sericite-sericite concentrated on fracs. Dis bright py cubes, often in grey bleb or stringer (sx?).
																	99.15 - 99.45; healed shelled, brx @ 55° to C.A.
																	100.10 - 100.40; open space frac @ 00° to C.A.; & fine gr rhy - more crystalline silicified rhy
																	irregular contact approx. 10-20° to C.A.
																	100.20; 0.5 cm clay frac - shen @ 40° to C.A.
		FLT 100.60 - 101.60	W	Tr ON FRAC	-	W	I DIS	-	Ph M	100.60	102.10	1.50	-5916	0.015	20.5	100/3	As above;
													✓				100.60 - 101.60; Tectonic brx - fault with minor white argillitic clay & grey crushed clay rich ('gouge'?) approx parallel to C.A. but irregular.
			W	Tr ON FRAC	-	W	I DIS	-	Ph M	102.10	103.60	1.50	-5917	0.049	20.5	90/3	As above; Py 3% as Dis cubes & cm irregular stringers locally in grey patches. 'Clay' on fractures.
													✓				103.00 - 103.20; brx - flt zone; upper contact @ 60° - L.C. @ ~60-70°.
			M	Tr ON FRAC	W	W	I DIS	-	Ph M	103.60	105.15	1.55	-5918	0.044	20.5	100/2	As above; healed crackle brx, more siliceous,
													✓				104.05 - 104.20 m; Brx fault zone, L.C. sharp @ 50°
																	consistent fractures @ 40° to C.A. controlling crackle brx.
			M	Tr ON FRAC	-	W	I DIS	-	Ph M	105.15	106.70	1.55	-5919	0.056	20.5	90/3	As above; slightly less siliceous than 103.60 - 105.15.
													✓				106.00 - 106.70; Gray ash "tuff" filling shrs & irregular < 1 cm "dykelets" with rnd'd rhy clasts

Sample
121.90 - 123.45

Hole No. GLO6-247

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
		RHYT	W	F $\frac{1}{2}$	-	M	2	-	Ph	114.30	115.80	1.50	8665928	0.062	<0.5	90/4	RHYT. as described above; increase in sericite -
		con't		FRAC			DIS		M								sericite, mm open spaces (-lithophase?).
			W	F $\frac{1}{2}$	-	M	2	-	Ph	115.80	117.35	1.55	-5929	0.081	<0.5	100/3	welded rhy clasts, feldspars & small lithics light apple green.
				FRAC			DIS		M								116.10 - 116.25; brx in clay rich matrix, vuggy fractures.
																	- fluids ripped through this unit!; Fractures 30-45°
																	with clay & sericite.
			W	F $\frac{1}{2}$	-	M	2	2	Ph	117.35	118.90	1.55	-5930	0.080	<0.5	100/1	117.35 - 117.48; 'spherulitic' sericite alt clast.
				FRAC			DIS		M								117.48 - 117.55; Fine gr banded cutting(?) above clast(?).
																	② ~30° to c.A. (chilled margin?).
																	117.75 & 117.83; 2 thin <0.5 amygdal qtz vnlts in 25
																	cm zone of fabric @ 50° to c.A.
			W	F $\frac{1}{2}$	-	M	2	-	Ph	118.90	120.40	1.50	-5931	0.079	<0.5	100/0	120.05; 10x0.5cm grey qtz lense @ 20° to c.A.
				FRAC			DIS		M								119.90m; Healed, wky ssc, shows offsetting differing
																	rhy tufts & lapilli clasts. Flow banded clasts
																	upto 20cm.
			W	F $\frac{1}{2}$	-	W	2	2	Ph	120.40	121.90	1.50	-5932	0.116	<0.5	100/0	As above - RHYT; obvious lapilli, some banded
				FRAC			DIS		M								(flow? or welded?). Slightly more siliceous & v.
																	thin grey qtz stringers: 120.90 @ 20°
																	121.60 @ 30° to c.A. on grey py rich fractures
			W	F $\frac{1}{2}$	-	W	2	-	Ph	121.90	123.45	1.55	N/S			100/1	As above - RHYT; minor fractures w qtz & grey
			M	FRAC			DIS		M								pyritic fractures - stringers, commonly ~45° c.A.
			M	F $\frac{1}{2}$	-	W	1	-	Ph	123.45	124.95	1.50	-5933	0.082	<0.5	100/1	RHYT (as above; can alt feldspars, lithics & ash
				FRAC			DIS		M								matrix & alt concentrated on fractures & clast margins)
																	weakly crackle brx - jig saw texture (best 124.90 -
																	124.80m). Bright py - less dirty py.
			W	F $\frac{1}{2}$	-	W	1	-	Ph	124.95	126.50	1.55	N/S			95/2	RHYT; as above (113.55-114.30 & 123.45-124.95m)
				FRAC			DIS		L								sericite coated fractures @ 40-60° to c.A. & some
																	micro brx in green matrix; some fractures @ 25°

Hole No. G606-247

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
		RHYT	W	F	-	W	I	-	Ph	126.50	128.00	1.50	8665934	0.089	<0.5	85/6	RHYT as above (113.55-114.30 & 123.45-124.95m).
		con't		FRAC			DIS		L								126.60-126.70: Fractured & broken w fractures & minor grey pyritic clay @ 45° to c.a.
																	127.00-127.10 m; sheared & crushed w grey clay @ 40° to c.a.
																	- Siliceous with ameboid grey gts (clasts?) 127.10-127.20
																	127.50; sheared & brx'd w clay (missing core?)
			W-	F	-	W	I	-	Ph	128.00	129.54	1.54	-5935	0.066	<0.5	100/1	RHYT as above (113.55-114.30 & 123.45-124.95m).
			M				DIS	(1?)	L								Slightly more sericitic, greyer, sericite alt (green).
							~3%										clasts. Gray irregular siliceous clasts - sheared veinlets with trace amethyst. 1cm brx zone @ 129.44m @ 30°
130.39	133.72	CLP (PLA?)	W	F	-	W	I	I	Ph	129.54	131.06	1.52	-5936	0.050	<0.5	100/1	CLP; GRADATIONAL contact over ~1m & marked by more mafic clasts, moderate fabric @ 30-40°, wrapping around larger clasts - up to 1.5cm long, wispy irregular dark green sericite bands & irregular grey gts blebs & discontinuous veinlets - locally amethystine. (ie 129.65). Crackle brx 129.54 - ~130.00).
							~1%										Less py than in above RHYT.
			-	F	W	W	<1%	-	Ph	131.06	132.59	1.53	-5937	0.035	<0.5	100/1	CLP; Felsic clasts up to 20cm. Overall fabric 30-45° mostly felsic clasts, - some strongly sericite alt, some clasts flow banded - welded. Int X-ray by handline white-tan intermediate fractures - veinlets crossing fabrics. Minor grey 'gts' clasts, S & P textured sections 131.40-131.80; 132.0-132.59m. with crystal lithic grey matrix.
					some clasts		DIS		L								CLP; S & P textured 132.59-133.72; Brx'd av. @ 133.03 @ 30°
																	133.72-134.11; rhy brx, sharp irregular contact @ 30°.
133.72	142.00	RHYT	-	F	-	W	<1%	I	Ph	132.59	134.11	1.52	-5938	0.009	<0.5	100/1	RHYT; very well defined lapilli, some very sericitic & in Sericitic matrix - Some mafic - intermediate clasts.
							DIS		L								
			-	F	W	W	I	-	Ph	134.11	135.65	1.54	-5939	0.046	<0.5	100/2	
									L								

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
		RHYT	-	F	-	W	I	-	Ph	135.65	137.16	1.51	N/S			100/1	As above
		Con't							L								
			-	F	-	W	I	-	Ph	137.16	138.68	1.52	B665940	0.015	<0.5	100/1	RHYT as above; 137.16-138.18 - Grey ash x-tal - lithic matrix with clasts of mixed lithologies. Contact @ 138.18 sharp @ 45° to c.A.
									L								
			-	F	-	W	I	-	Ph	138.68	140.21	1.53	N/S			100/2	Fabric @ 30-45° but cross cutting  & locally defined by fine ash bands.
									L								
			-	F	-	W	I	-	Ph	140.21	141.73	1.52	-5941	0.069	<0.5	100/1	139.97; 2-5cm wide shear - fault w/ clay, 40°.
									L								Solid core
142.00	147.64	CLP	-	F	-	W	I	-	Ph	141.73	143.26	1.53	N/S			100/2	141.73-142; RHYT, Lower Contact sharp @ 45° to c.A.
									L								142.00-143.26; CLP; clasts up to 10-15cm, fine gr intermediate & coarsely porphyritic felds in gray crystal - lithic ash matrix. Matrix supported.
			-	F	-	W	Tr	-	Ph	143.26	144.78	1.52	-5942	0.005	<0.5	100/0	Solid core. Minor shale, rare rounded gtz clasts < 2cm.
									L								
			-	F	-	W	Tr	-	Ph	144.78	146.30	1.52	N/S			100/0	Solid core, as above.
									L								
147.64	156.56	RHYT	-	F	-	W	Tr	-	Ph	146.30	147.83	1.53	-5943	0.011	<0.5	100/1	146.30-147.64; CLP as above, l.c. sharp but irregular
									L								147.64-147.83; RHYT as above, u.c. sharp 
																	147.57m; shear with clay @ 45° to c.A. & veinlet of tan intermediate "dykelet".
																	147.30m; shear with clay @ 45° to c.A.
			-	F	-	W	Tr	-	Ph	147.83	149.35	1.52	N/S			100/1	148.33m; shear @ 30° to c.A.
									L								
			-	F	-	W	Tr	-	Ph	149.35	150.88	1.53	-5944	0.038	<0.5	100/1	150.10-150.25; Flow banded rhy clast X/mt by gtz veinlets & crackle brk. Extrusive texture.
									L								

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Footage From (m) To (m)		Rock Type	Alteration							Assays						% RCVRY	Description
			S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
		RHYT															150.78-150.88 i broken, wkly frac, minor shn in clay.
		cont	-	F	W	W	Tr	-	Ph	150.88	152.40	1.52	N/S			90/5	150.88-151.08; Great clast of rhy with flattened pumice in very fine gr siliceous matrix.
							<1%		L								151.90-152.40; Fractured & broken in sericite-clay commonly @ 40° C.A.
			-	F	W	W	Tr	-	Ph	152.40	153.92	1.52	865945	0.059	<0.5	90/6	More broken & fractured (commonly @ 45°) with clay Increase in sericite alt - more mafic clasts & matrix.
				FRAC					L								
			-	F &	W	W	Tr	-	Ph	153.92	155.45	1.53	N/S			93/6	153.92-154.20; Banded ash defining fabric @ 50-55° X-cut by healed sericitic shear - frac @ 30° to C.A.
				FRAC					L								
																	154.85; 0.5 cm gray clay - pyritic - gneiss in zone of broken - frac sericitic tuff @ ~50° to C.A.
			-	F &	W	W	Tr	-	Ph	155.45	155.75	0.30	N/S			100/1	Solid core
				FRAC					L								
			-	F &	W	W	Tr	-	Ph	155.75	156.51	0.76	-5946	0.021	<0.5	75/8	156.10-156.51 m; Broken & fractured core with minor clay crushed tuff.
				FRAC					L								
156.56	158.80	CLP	W	F &	-	W	Tr	-	Ph	156.51	157.58	1.07	N/S			85/5	156.51-156.56; RHYT; sharp L.C. @ 40 to 2mm bleached rhy ash tuff. Irregular frac - shn @ 70° cutting contact. CLP ~~is~~ RHYT shn.
				FRAC					L								
																	157.30-157.58; Broken fractured - sheared core minor clay in crushed tuff. Shearing ~45-55° to C.A.
			W	F &	W		Tr	1	Ph	157.58	158.80	1.22	-5947	0.016	<0.5	100/4	CLP; Gray crystal lithic matrix locally siliceous. Fractures coated with clay & sericite spaced ~30cm @ 20-40° to C.A. ≤ 1% in py in SLG sections. Lower contact sharp @ 60 on shear, minor gray clay.
				FRAC	W/LET		<1%		L	157.58	158.80	DUP	-5948	0.010	<0.5		
										DUPPLICATE			DUP				
158.80	169.16	RHYT	-	F &	W		1	-	Ph	158.80	160.02	1.22	-5949	0.056	<0.5	100/9	Tectonically sheared & fractured; 158.80-159.00; Br'd, minor clay in matrix, 159.00; 2 cm green pyritic clay @ 75° to C.A.
				FRAC					M								

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Footage From (m) To (m)		Rock Type	Alteration							Assays						% RCVRY	Description
			S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
		RHYT CONT															159.25-159.35; clay rich brxd flt zone to min bounding grey clay @ 60° to c.A.
																	159.35-160.02; Thin (mm) grey clay coated fractures spaced ~10-20cm @ 45° & 70° to c.A.
			-	F ₉	W	W	I	-	Ph	160.02	161.54	1.52	8665950	0.039	20.5	90/2	Local fractures with trace grey pyritic clay, sericite @ 30°-40° spaced ~0.25m
				FRAC					M				✓	✓			
			-	F ₉	W	W	I	-	Ph	161.54	163.07	1.53	N/S			100/2	Shearing & brx, along with clay & sericite diminishing down section, Buckshot dis py starting ~159.40m - full dirty ≤ 1mm blebs.
				FRAC					m								
			-	F ₉	W	W	I	-	Ph	163.07	164.59	1.52	-5951	0.089	20.5	100/3	163.40 - 163.80m; Sheared & brxd, clay shu @ 45°
				FRAC					m				STD OREAS 6PB	-5952	1.370	20.5	Trace red (hem?) alteration to round'd ≤ 2cm gtz
													BLANK	-5953	<0.005	20.5	clasts, L.C. grey pyritic clay @ ~60° c.A.
			-	F ₉	-	W	I	-	Ph	164.59	166.12	1.53	N/S			100/4	Wkly brx, minor shears to clay-sericite @ 20°.
				FRAC					m								Rare hematite alt siliceous clasts @ 165.20m.
			-	F ₉	-	W	I	-	Ph	166.12	167.64	1.52	-5954	0.063	20.5	100/4	Weakly brx, shears with clay-sericite 20-00° to c.A.
				FRAC					m								and minor grey pyritic clay, Buckshot py gives way to random dis bright py in ser-clay matrix.
			-	F ₉	-	W	I	-	Ph	167.64	169.16	1.52	-5955	0.067	20.5	100/3	Brxd & fractured with sericite rich matrix (much the same as above)
				FRAC					m								168.15 and 168.45; 1cm clay brx zone with minor brx gtz vein
																	clasts, dis py in clay matrix. Approx. 20° to c.A.
169.16	179.83	RHYX(?) flow	-	F ₉	-	W	I	-	Ph	169.16	170.69	1.53	N/S			100/4	169.16 - 169.76; Brxd & shu'd to minor clay & mod sericite.
				FRAC					m								169.26m; 2-3mm grey pyritic shen @ 55° to c.A.
																	169.76; brx - shen contact @ 40° to c.A.
																	170.29 - 170.69; Disrupted flow banding, possible flame.
			-	F ₉	-	W	<I	-	Ph	170.69	172.21	1.52	-5956	0.014	20.5	100/0	Disrupted flow banding - bedding(?) - flame(?).
				FRAC					m								Very solid core! Not multi lithic / hmm....
																	NOTE: From ~169.16 unit could be RHY-RHYX

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
		RHYX(?)	-	F ₂	-	W	I	-	Ph	172.21	173.74	1.53	B665957	0.074	<0.5	80/3	minor zones of small sphaerulites, disrupted + disrupted wavy banding.
		con't		FRAC					L								172.65: Grey clay pyritic gouge with abundant sericite up to 0.5cm wide @ 30°.
		(Flow)															172.95: Black sparkles on f adjacent to frac (not py!)
			-	F	-	W	I	-	Ph	173.74	175.26	1.52	N/S			95/1	Well developed brx'd flow banding.
				FRAC					L								
			-	F ₂	-	W	LI	-	Ph	175.26	176.78	1.52	-5958	0.038	<0.5	90/4	As above - brx'd flow banding.
				FRAC					L								175.63: sharp 2mm gray py clay frac @ 35° c.a.
																	175.96 - 176.21: Broken core, grey py clay fractures @ 30°-45° to c.a.
			-	F ₂	-	W	Tr	-	Ph	176.78	178.31	1.53	N/S			100/2	As above - brx'd flow banding, sericitic fiamme.
				FRAC					L								176.78: Banding @ 20° to c.a.
																	176.90 - 178.31: Dark grey 'CLP' type lithology
																	"dykelet" (extends to 179.98m) - irregular margins, fine gr. intermediate (now sec) tan-grey - green dyke material locally present & banded parallel to margins. Commonly finer gr. & darker on margin. Dyke appears to follow frac - sh @ 00° to c.a.
			-	F ₂	W	W	Tr	-	Ph	178.31	179.83	1.52	-5959	0.044	0.6	100/2	As above - 176.78 - 178.31: 50/50 RHYX & "CLP dyke".
				FRAC					L								Minor calcite veins in 'CLP DYKE'
179.83	194.77	RHYT	-	F ₂	W	W	Tr		Ph	179.83	181.36	1.53	N/S			100/5	'CLP Dyke' as above ends @ 179.98m.
		E		FRAC					L								Wall rock of felsic 'tuff' - brx. Various rhy/glt - feld phytic & likely intermediate (not v. siliceous) clasts.
		CLP															- With Dyke dominating core + brx, contact between RHYX & RHYT difficult to determine.

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Footage From (m) To (m)		Rock Type	Alteration							Assays						% RCVRY	Description
			S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
		RHYT	W	F	M	W	Tr	-	Ph	181.36	182.88	1.52	B665960	0.013	0.9	100/1	RHYT: Classic flame 181.36-181.70 & fabric
		con't							L								@ 70° to C.A. Various clasts, including
																	calcite alt feldspars in QFP, small dk grey shale &
																	coarser & finer grained rhy. Qtz-feld phytic
																	182.35 - Banded @ 65° to C.A. (Tuff bed 181.36-182.35?)
																	182.35-182.70; HUB or c/p - dk grey matrix.
			W	F	M	W	Tr	-	Ph	182.88	184.40	1.52	N/S			100/1	RHYT: Banded, br'd crystal lithic lapilli tuff banding
									L								commonly @ 60° to C.A. but locally 15-20° sh'd?
																	Sericite - smectite strongest on some sh's @ ~45°
																	184.00-184.40; rare anythg clasts (or replacements?)
			W	F	ON	W	Tr	-	Ph	184.40	185.93	1.53	-5961	10.005	<0.5	100/1	As above: 181.36-184.40m.
					FRAC				L								Rare dk grey shale clasts.
			W	F	ON	W	Tr	-	Ph	185.93	187.45	1.52	N/S			100/2	More massive & uniform crystal lithic tuff compared
					FRAC				L								to above. Qtz-feld phytic, 2-3mm rounded Qtz eyes.
																	188.30-188.70; Irregular coarse calcite filling 2x4cm
			W	F	Tr	W	Tr	-	Ph	187.45	188.98	1.53	-5962	0.029	<0.5	100/2	
									L								
			W	F	Tr	W	Tr	-	Ph	188.98	190.50	1.52	N/S			100/2	Well banded, Qtz-feld phytic, in fine ash matrix.
									L								Sericite - smectite filling fractures @ 189.70 & 190.20
																	@ 25° & 40° respectively. Minor grey py cly on frac
			W	F	Tr	W	Tr	-	Ph	190.50	192.02	1.52	-5963	0.010	<0.5	100/1	190.70-190.95; Fine gr intermediate - mafic "unit" with
									L								calcite amygdulose up to 1cm. Upper & L.C.'s @ 70°.
																	191.00-191.30; Banded & welded (in flame), fabric
																	@ 70°-80° to C.A. Rare dk grey shale clasts

GL06-218

GREW CREEK PROJECT

DIAMOND DRILL LOG

Hole No.: TRN06-01.		Grid: RAT CREEK - TARN ZONE		Claim: CANYON 14		Page 1 of 19												
Depth: 199.6m		Coordinates - Northing GRD 9375 UTM 688 0560		Bearing: 198		Date Started: Feb. 7, 2006												
Angle: -50		UTM NAD83 ZONE 8 - Easting: GRIP 12100 UTM 612995		Elevation:		Date Completed: Feb. 22, 2006												
Core Size: HQ		Dip Tests:		Drilled by: CARON DIAMOND DRILLING		Logged By: R. Hulstein												
Footage		Rock Type	Alteration							Assays						% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
0.00	8.53	OVBN																Pebbles & cobbles of mafic & felsic volc, schists
8.53	9.57	OVBN																Mostly pebbles of various lithologies, volcanics & schist
																		Rare white & light gray gtz, even rarer pinkish gtz & gtz - calc veining. All look metamorphic
9.57	10.36	OVBN																OVBN - as above.
			Possibly RHXL or WELDED							RHXT (NOT RHYT as groundmass too grey). Likely a thick ignimbrite (now to poorly welded) unit.								
10.36	28.34	RHXT	-	F	-	W	-	-	Ph W	10.36	11.28	0.92	B665966	0.035	<0.5	80/10	RHXT	Brown weathered, clay rich, felsic crystal lithic tuff, 5% rounded <1-2mm gray gtz phenos. 5-10% rounded & broken white <1-3mm clay-sericite altered feldspars. Some feldspars may be fine lithics. Matrix is gray fine grained variably siliceous (<5-10% lapilli). 10.36-10.80m; very weathered, clay rich - possible gouge
			-	F	-	W	-	-	Ph W	11.28	12.19	0.91	-5967	0.017	<0.5	90/8	RHXT	as above, less weathered, 11.40; frac @ 45° & 15° to c.a. 11.90; frac @ 15° w clay-sericite.
			-	F	-	W	-	-	Ph W	12.19	13.72	1.53	-5968	0.010	<0.5	100/5	RHXT	as above, brown - weathered 12.30; 1cm sh - flt w gouge @ 55° to c.a. 12.80-13.10; fractured broken core 13.45; 1cm crushed zone with minor clay @ 55° to c.a.
			-	F	-	W	-	-	Ph minor W	13.72	15.24	1.52	-5969	0.020	<0.5	98/6	RHXT	as above; brow weathering on fractures feldspars - lithics only. Gray matrix, clay-sericite on fractures 45-60° to c.a. Fault banding @ ~15°; discontinuous py on fractures

f limonite

G006-248

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Footage		Rock Type	Alteration							Assays					% RCVR	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
		RHYT	W	F	-	W	I	-	Ph	15.24	16.76	1.53	B665970	0.053	<0.5	100/8	RHYT, grey, gtz-feld (+ clay-sericite lithic) phytic tectonically brx & sch'd with minor clay on fractures & shears. 15.35; irregular broken 0.5cm wide grey & minor purple fluorite veinlet. Faint banding defined by sericite banding @ 15° to c.a. Matrix locally siliceous. Fractures ± clay ± sericite @ 40-60° spaced ~ 2cm.
		cont	very!						L-M								
			W	F	-	W	I	I	Ph m	16.76	18.29	1.53	-5971	0.191	<0.5	40/9	RHYT as above (15.24-16.76), minor lin-weathering on fractures. Missing core & no marker. Sample break at broken core. 16.76-17.00; Brx'd, broken - discontinuous gtz-fluorite veinlets, light green, sericite on fractures. 17.80; Sharp 2-4mm gtz-clay-py veinlet-shear. @ 17° to c.a. Feldspar (& lithic?) locally altered to extent core is pitted.
			-	F	-	W	I	-	Ph m	18.29	19.81	1.52	-5972	0.118	<0.5	92/5	RHYT as above (15.24-16.76); 18.60m; Banding @ 10-15°; rare lapilli up to 6cm; limonite weathering on fractures 40-15° to c.a. ± clay ± sericite ± minor py (fine gr- 'dirty'-not bright), i.e. 19.60, fracture @ 15° to c.a.
			-	F	-	W	I	-	Ph m	19.81	20.57	0.76	-5973	0.045	<0.5	90/8	RHYT. 20.00m; Fracture w grey pyritic clay @ 15° to c.a. Banding @ 10-15° & 'pitting' more pronounced.
			-	F	-	W	I	-	Ph m	20.57	21.34	0.77	-5974	0.039	<0.5	75/9	RHYT; Banding (~10-15° to c.a.) & pitting more pronounced. 20cm brown cutting-mud above 21.34m.
			-	F	-	W	I	-	Ph m	21.34	21.95	0.61	-5975	0.018	<0.5	35/10	RHYT; Banding (~10-15° to c.a.) & pitting. Broken core. Shaded with 2-4mm green sericite-smectite @ ~10°.
			-	F	-	W	I	-	Ph M	21.95	23.47	1.52	-5976	0.045	<0.5	100/5	- Minor cave (pebbles cobbles of SLTST, gtz, schist etc) @ 21.34. 20.10; shear @ 40° with 1-3mm sericite-smectite. 20.15m Banding @ ~70°: 22.50m. banding @ 50°

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 3 of 19
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
		RHYT																22.95'; Fracture w clay-sericite @ 25° with lim weathering down hole to 23.25m.
		cont																
			-	F	-	W		I	-	Ph	23.47	24.23	0.76	B665977	0.039	<0.5	87/8	Banding @ 50° to c.A. defined (as above) by grey & light sericite green bands. 23.75m; fracture with clay 35° to c.A. 24.00-24.23m; broken crushed core.
										M								
			-	F	-	W		I	-	Ph	24.23	25.60	1.37	-5978	0.040	<0.5	95/8	Pitting (washed out sericite-clay alt feldspars) obvious.
										M	24.23	25.60	1.37	-5979	0.032	<0.5		Banding 10°-20° to c.A. Mostly broken core, fractured with sericite 00°-30° to c.A.
											DUPLICATE							
			-	F	-	M		Cl	-	Ph	25.60	27.28	1.68	-5980	0.033	<0.5	90/7	Upper & lower 30cm of interval brx-crushed, light sericite med. green (only trace grey) color. Sericite-clay in brx zones. Shear zones 10-30° to c.A.
										m								
		FLT	-	F	-	M		Tr	-	Ph	27.28	28.34	1.06	-5981	0.021	<0.5	72/10	Fault zone 27.00-28.34m; L.C. @ 30° to c.A.
		27.00-28.34								M	STD OREAS	6pb		-5982	1.455	<0.5		27.28-28.34m; Brx'd-sheared RHYT clasts w clay-sericite + smectite frac-brx filling (~10-15%).
											BLANK			-5983	<0.005	<0.5		
28.34	51.55	RHYT	-	F	-	M		-	-	Ph	28.34	28.96	0.62	-5984	0.008	<0.5	100/5	Light green sericite altered fine-medium grained crystal ash tuff with occasional lapilli clasts. Almost sandy looking. Lapilli clasts & minor bands are slightly darker green. 28.42; shear w clay @ 60° to c.A.
		(more intermediate?)								W								'28.80m' shrd with clay-almost brx, at 20-30° to c.A.
			-	F	-	M		tr	-	Ph	28.96	30.48	1.52	-5985	0.011	<0.5	95/7	28.96 i.e. 5cm crushed-broken zone, shear w clay, 45° 29.54; irregular dark green + fluoro violet on clay shear @ 40° to c.A. 30.15; shn @ 40° to c.A.
										W								
			-	F	-	M		Tr	-	Ph	30.48	32.00	1.52	N/S			93/4	Fractures & shears (with clay) spaced approx. 20cm @ ~30°. Minor tan 'intermediate' veinlets. 31.80m; Banding and fabric @ 30° to c.A.; irregular dk green + fluoro violet near c.A.
										W								

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 4 of 19
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			
		RHYT	-	F	-	M	TR	-	Ph	32.00	33.53	1.5	B665986	0.021	<0.5	100/5	32.15; Gray hairline fracture @ 20° 10cm ^{cuttings} gauge @ 33.53-33.63.
		con 4							W								32.50; Fractured & brx'd with minor dk green & grey fluorite. 32.70-33.53; wky frz & brx'd, minor clay.
		FLT	-	F	-	M	TR	-	Ph	33.53	35.05	1.52	-5987	0.021	<0.5	90/4	Slightly coarser light green sericitic crystal-litic tuff. Minor darker green & grey lapilli & irregular green bands. Shears ± clay ± py commonly spaced 20cm @ 30°.
		gauge 33.53							W								
			-	F	-	M	TR	-	Ph	35.05	36.58	1.53	-5988	0.020	<5	100/3	Ash - lapilli, with more lapilli & well developed fabric @ 20°-30° to c.a. weak welding - autaxitic & flame. Minor limonitic shears in clay - 36.10-36.58 @ 50°-60°.
									W								
			-	F	-	M	TR	-	Ph	36.58	38.10	1.52	N/S			96/3	36.58-37.00: Fabric & banding @ 40°. Mafic lapilli up to 5cm. limonitic & grey clay coated fractures @ 60° spaced ~30cm.
									W								
			-	F	-	M	TR	-	Ph	38.10	39.62	1.52	-5989	0.028	<0.5	100/2	38.95; Shear @ 35° with clay & fluorite blebs. Increase in sericite, mafic lithics (<5%) chlorite alt.
									W								
			-	F	-	M	I	-	Ph	39.62	41.15	1.53	-5990	0.036	<0.5	100/3	39.62-39.70; Gray clay ^{cuttings} gauge. 39.70-40.50; Fabric & banding @ 25-35° to c.a. Fractures spaced 20-30cm @ 60° ± clay.
							Dis		m								
			W	F	-	M	I	-	Ph	41.15	42.67	1.52	-5991	0.066	<0.5	95/5	Banding - fine ash 55-70° to c.a.; Lapilli of finely banded rhy, more common is sericite-chlorite alt lapilli, 41.65-42.17; Fine white-dull green fluorite - grey gte - grey clay veinlets in high angle 30° discontinuous - undulatory shears. Tr py. Minor voids - vugs in veins. 42.50; white fluorite whet @ ~10°
							Dis		m								
			-	F	-	M	<I	-	Ph	42.67	44.20	1.53	N/S			93/7	Well banded, weak welding? Mafic & intermediate lapilli - clasts (up to 8cm). Banding avg. ~50°.
							Dis		m								
			-	F	-	M	<I	-	Ph	44.20	45.72	1.52	-5992	0.043	<0.5	81/7	As above; i.e., banded @ 60-70, chloritic mafic & rhyolite lapilli. Locally int by healed fractures & shears. 44.95; 2.5cm light grey gouge zone @ 60°. 44.98-45.72; broken core, minor clay & crushed tuff.
							Dis		m								

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Footage		Rock Type	Alteration							Assays						% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
	51.55	RHYT	-	F	-	m	<1	-	Ph	45.72	47.24	1.52	8665993	0.025	<0.5	85/9	Green sericite altered crystal-litic tuff so above.
		con't.					Dis		m								Mostly broken, tectonic brx with clay 'gouge' filling shears up to 4cm (@ 47.80m ~ 45° to c.A.).
			-	F	-	m	<1	-	Ph	47.24	48.77	1.53	-5994	0.058	<0.5	72/9	As above. 47.24-47.90' broken core with clay, up to 5cm and @ 45° & 60° to c.A. Bottom 30cm - broken core.
			-	F	-	m	Tr	-	Ph	48.77	50.29	1.52	-5995	0.019	<0.5	95/8	48.77-49.07' well banded @ 55°, weak welding.
									m								49.07-49.17' Crushed brx'd - shear with gouge @ 65°.
			-	F	-	m	Tr	-	Ph	50.29	51.55	1.26	-5996	0.034	<0.5	100/5	50.29-50.95' Brx'd & healed, minor clay filling
									m								50.10-50.32' Anastomosing 4cm shear @ ~10° to c.A. with minor white-grey Qtz & blebs of dark green fluorite (up to 2x0.5cm). Crushed tuff & sheared with approx 15% overall clay, rounded clasts; fabric approx 70° to c.A. Lower contact 0.5cm grey clay at 70°. Core block-marker @ 51.82m.
50.32	51.55	RHYT FLT															
51.55	52.12	QFP- FLT	-	F	-	m	Tr	1?	Ph	51.55	52.12	0.57	-5997	0.011	<0.5	100/10	Crushed and sheared, minor grey (2-3mm) clay stringers. Crushed stringers of anhydrite (or fluorite?) nodules. Overall fabric @ 70° to c.A.
									m								
52.12		QFP	-	F	-	m	Tr			52.12	53.34	1.22	-5998	0.017	<0.5	100/9	QTZ-FELD PORPHYRY; 3-5% rounded grey Qtz phenos 1-3mm across, 5-10% subhedral white & light green (argillitic-sericite alt) feldspars 2-12mm long, light grey, very homogeneous. Tr <1% dis py & py (fine gr. dirty brown) on fractures as blebs. Minor dk green sericite - smectite wispy laminae in crystalline matrix.
																	52.12-52.75m' Crushed & broken core, sheared with clay @ 55° to c.A. Minor (<0.1%) crushed green Qtz.
																	52.75-53.34' Broken-fractured core

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 6 of 19
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			
		QFP	-	F	-	W	I	-	Ph	53.34	54.86	1.52	8665999	0.015	<0.5	79/7	QFP as above; 53.34-53.55m, broken core, minor grey clay. 53.55-54.86m; minor dk green sericite-sericite ± py on fractures @ 20° to c.A.
		con't							m-weak								
			-	F	-	W	I	-	Ph	54.86	56.39	1.53	N/S			93/4	54.86-55.36: Broken core, fractured ± clay @ ~30° to c.A.
									weak-m								
			-	F	-	W	I	-	Ph	56.39	57.91	0.91	-6000	0.016	<0.5	100/1	57.30m: Fracture-shear with minimum 1cm grey clay @ 45° to c.A. 57.50-57.73; healed brx & shear. minor grey stringers with pyrite.
									weak-m								
			-	F	-	W-m	I	-	Ph	57.91	59.44	1.53	-6001	0.006	<0.5	100/4	~80% of interval cut by shear @ 00° with clay & sericite coatings up to 1cm thick (sericite pale green). Other minor fractures & shears @ 30° to c.A.
									weak-m								
			-	F	-	W	I	-	Ph	59.44	60.96	1.52	-6002	0.016	<0.5	95/4	59.75: Fractured & sheared @ 30° with clay & sericite 59.95-60.10: Sheared & brx'd-crushed with minor clay & sericite @ 20° to c.A. Minor broken pieces (up to 1.5cm) apple green & grey qtz + fluorite.
									w								
			-	F	-	W	I	-	Ph	60.96	62.32	1.36	N/S			100/2	61.10: grey pyritic stringer @ 30° to c.A. 61.82: sheared with clay-sericite @ 40° to c.A.
									w								
			-	F	-	W	I	-	Ph	62.32	63.86	1.54	-6003	0.007	<0.5	93/8	Broken-fractured core; 62.45: fractured with grey clay @ 45°. Numerous other fractures +/- clay +/- sericite @ 30°.
									w								
		FLT	-	F	-	m	I	-	Ph	63.86	65.38	1.52	-6004	0.027	<0.5	79/8	Tectonically brx-fractured & sheared, light & medium clay & sericite-clay filling fractures-brx matrix. Most fractures-shears @ 20° & coated by grey clay.
		63.86-69.05							m								
			-	F	-	m	I	-	Ph/m	65.38	66.60	1.22	-6005	0.010	<0.5	100/9	As 63.86-65.38 above; Core broken & fractured by low angle shears.
									Duplicate	65.38	66.60	1.22	-6006	0.021	<0.5		
			-	F	-	m	I	-	Ph	66.60	67.06	0.46	-6007	0.044	<0.5	75/9	As 63.86 to 66.60m above; brx & sheared.
									m								

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 7 of 19
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
		QFP con't	-	F	-	M	1	-	Ph M	67.06	68.58	1.52	B666008	0.011	<0.5	100/8	As above (63.86-67.06); Tectonically brx & sheared at low angle to c.A. 67.25; Irregular green (± minor purple) fluorite with lesser gtz, brx veinlet @ 50° to c.A.	
			-	F	-	M	1	1	Ph M	68.58	70.10	1.52	-6009	0.030	<0.5	100/4	68.58-69.05; Sheared, brx (and bled) 58.30-69.00 L. contact marked by 2cm dark grey clay gouge @ 40° to c.A. 69.90m 0.2-0.5cm irregular pyritic gtz veinlet @ approx 65° to c.A.	
			-	F	-	M	1	3	Ph M	70.10	71.48	1.38	-6010	0.016	<0.5	100/1	Solid QFP unlike above fault zone but X-cut by hairline clay - sericite fracture network. Minor gtz veinlets including: 70.60; 2mm wuggy pyritic gtz veinlet @ 50° to c.A. 70.80; irregular " " " " @ ~35° to c.A. 71.41-71.55; Wuggy gtz veining - brx filling, minor Py, cockscomb texture in vein centers. L.C. @ 35° to c.A. Minor green fluorite.	
			-	F	-	M	1	6	Ph M	71.48	73.15	1.67	-6011	0.030	<0.5	100/1	As above interval 70.10-71.48, significant gtz veinlets include: 71.48-71.53; 71.75; (2) irregular veinlets, 1-2mm, grey pyritic @ 30° to c.A. and similar veinlets @ 71.98 and 72.15; 73.60; 2cm light grey pyritic gtz vein with QFP clasts, @ 30° to c.A. Vein has clasts of earlier un'g. Unknown black - dk grey specks in veining.	
			-	F	-	M	1	3	Ph M	73.15	74.68	1.53	-6012	0.008	<0.5	100/1	Solid core; 1mm gtz vein @ 73.17m. & 73.27m. 74.13; irregular wispy veinlet @ ~55° to c.A.	
			W	F	-	M	1	5	Ph M	74.68	76.20	1.52	-6013	0.036	0.5	100/2	Solid core; Irregular gtz vein, wuggy, grey rim core axis from 74.83-75.18m. Other irregular gtz veinlets from 74.40-74.85m @ 20, 50 & 70° to c.A., pyritic.	
										STANDARD OREAS GPB			-6014	1.395	<0.5			
										BLANK			-6015	<0.005	<0.5			
			W	F	-	M	1	1	Ph M	76.20	77.72	1.52	-6016	0.021	<0.5	80/8	Broken core; 76.70-77.30; fractured - sheared, minor clay @ 45° to c.A. 77.30-77.72m; Broken. Silicified - atz veined	

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 8 of 19	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb				Ag ppm
		QFP Cont																fractured with clay-sericite (books of sericite), blebs of py. Minor any that (possible fluoroite?).
			m-P	F	-	M	2	4	Ph	77.72	79.25	1.53	366607	0.049	<0.5	100/4		Bleached, light green-sericite altered, QFP, X-cut by occasional discontinuous qtz veinlets. Matrix silicified & feldspars intensely silicified. Sericite & clay on network of fractures. 77.72-78.20'; Grey ^{pyritic} qtz veining with grey clay on margins @ 10°-15° to c.A. Blebs - dis of py in ble sec & in qtz veining. Tr fluoroite @ 79.23m
									M									
			-	F	-	W-m	Tr-cl	-	Ph weak-m	79.25	80.77	1.52	-6018	0.017	<0.5	84/7		Broken & sheared core; 79.25-79.50' Broken discontinuous fluoroite veinlets on fractures @ ~45° to c.A., 79.50' Shear with grey clay @ 40°. 80.00-80.40'; sheared @ 10° to c.A. - with clay. 80.40-80.77'; broken & fractured - dark (chlorite?) fracture selvage.
			W-Trace	F	-	W-m	Tr	-	Ph weak-m	80.77	82.30	1.53	-6019	0.007	<0.5	100/4		80.77-81.42'; Shear @ 20° with 3-4 cm of light grey clay. Irregular fluoroite veinlets, common @ 45°. 81.90-82.30'; Shear, clay-sericite (+dk chlorite?) @ 10° to c.A. weak sec & fluoroite on margins.
			m-weak	F	-	W-m	Tr	2	Ph m	82.30	83.82	1.52	-6020	0.036	<0.5	90/7		Tectonically fractured & brx (similar to above) with clay & sericite. 82.80-83.50'; Brx'd & sh'd as above but more intense, flakes of sericite, <1% fragments of grey-white-green fluoroite un'g & <1-5% qtz un'g-sec including 5 cm @ 83.40m.
			W	F	-	W-m	Tr	1	Ph m	83.82	85.34	1.52	-6021	0.027	<0.5	89/6		light green-bleached QFP, weakly brx - fractured in clay. Minor milky white discontinuous qtz veinlets & patches. Minor green-fluoroite vein fragments. 84.73 m: 1.5 cm light green clay gouge @ 70° to c.A.

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Footage		Rock Type	Alteration							Assays					% RCVR	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
		QFP	-	F	-	W-	Tr	I	Ph	85.34	86.87	1.53	8666022	0.042	<0.5	100/9	85.34-85.49; Solid core, bleached QFP, with 6cm white qtz vng with QFP clasts @ 50° to c.A.
		con't		(P?)		m			m								
		FLT 85.49-92.90															
			-	F	-	W-	Tr	-	Ph	86.87	88.39	1.52	-6023	0.007	<0.5	100/10	Fault as above (85.49-86.87). Minor qtz-fluinite veining. Fabric ~60° to c.A.
				(P?)		m			m								
			-	F	-	W-	Tr	-	Ph	88.39	89.92	1.53	-6024	0.035	<0.5	97/10	Fault as above. Only traces of qtz-fluinite vng. Fabric @ 45° common but 25° @ 88.00-88.39.
				(P?)		m			m								
										89.92	91.44	1.52	-6025	<0.005	<0.5	100/7	Bleached QFP, tectonically brx & fractured w clay & ser. Clay coated fractures @ 10° to 60°-70° to c.A.
																	No gray clay gouge zones or qtz-fluinite veining.
			-	F	-	W-	Tr	-	Ph	91.44	92.96	1.52	-6026	<0.005	<0.5	100/6	Bleached, brecciated & fractured.
				(P?)		m			m								
																	91.44-91.84; 3mm gray clay gouge on shear @ 15° in zone of brx-comminuted QFP.
																	91.98; Margin of brx QFP (up hole) @ 25° to c.A.
																	91.98-92.96; moderately brx & sheared, minor qtz-fluinite vein fragments. Fabric @ ~30° to c.A.
			-	F	-	W	Tr	-	Ph	92.96	94.49	1.53	-6027	<0.005	<0.5	95/5	93.70-94.49; Minor fractures with clay-sericite @ 17° to c.A., weak brx w clay-sericite.
									m								
			-	F	-	W	Tr	-	Ph	94.49	96.01	1.52	-6028	<0.005	<0.5	100/5	Moderately broken & sheared with clay-sericite.
									m								
			-	F	-	W	Tr	-	Ph	96.01	97.54	1.53	N/S			20/9	Poor core Rec'y - dillars called it a "fault" - I say more likely 'ground core' (mislabel?). Pieces & rubble of ble-sericite altered QFP.
									m								

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Footage		Rock Type	Alteration							Assays						% RCVR	Description	Page No.
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			10 of 19
		QFP	-	F	-	W	Tr	-	Ph	97.54	98.76	1.22	B666029	<0.005	<0.5	65/8	Broken & fractured QFP. Fractures commonly 50° with sericite coatings.	
		can 4							M									
			-	F	-	W	Tr	-	Ph	98.76	99.52	0.76	N/S			130/6	~99.15; 1cm clay gouge @ 55°	
									M								~99.25-99.52; broken-fractured with sericite	
			-	F	-	W	Tr	-	Ph	99.52	100.58	1.06	-6030	<0.005	<0.5	97/4	Solid core except 99.52-99.62 & 99.80-99.90m,	
			DUPLICATE →							m	99.52	100.58	DUP.	-6031	<0.005	<0.5		broken & fractured, commonly @ 30° with sericite.
			W	F	-	W	Tr	-	Ph	100.58	102.11	1.53	-6032	<0.005	<0.5	92/4	100.72: Fracture @ 18° w sericite & clay.	
			TRACE						m								101.10-101.5; Fractured, clay & sericite & 1cm	
																	crushed gouge @ 40°. 100.98; ≤1mm gtz vlet @ 33°	
			M-P	F	-	W	Tr	2	Ph	102.11	103.63	1.52	-6033	<0.005	<0.5	88/5	102.11-102.35: Sericitic, brx & healed, w/ly gtz veined.	
									m								102.35-103.63: Bleached & sericitic & silicified	
										STANDARD } -6034 1.455 <0.5							(feldspar only partly slt). ≤1mm irregular gtz vlet.	
										ONEAS 6PB }							Vuggy fractures, only minor ser-clay on fractures.	
			W	F	-	W	Tr	1	Ph	103.63	105.16	1.53	-6035	<0.005	<0.5	99/4	103.83: Fracture with grey clay, ≤1mm gtz vlet	
									m								104.03; or 5cm crushed-gouge zone @ 40° to c.A.	
																	104.36; 6cm Bleached-sericite-clay zone @ 60°.	
																	104.66-104.88; Bleached & brx'd zone with clay @ 60° to c.A.	
			W	F	-	W	Tr	1	Ph	105.16	106.68	1.52	-6036	<0.005	<0.5	86/4	105.16~105.25; Broken crushed fracture zone w green	
									M								flomite veining & grey gtz.	
																	105.25-106.68; Fractured core, commonly 50-60°,	
																	hackly surfaces, minor sericite-clay.	
			-	F	-	W	Tr	1	Ph	106.68	108.20	1.52	N/S			92/4	106.98; Fracture with clay-sericite @ 65° to c.A.	
									m								107.28-107.43; Fractured, broken, clay & sericite, @ 35°-70° to c.A.	
																	107.75-108.05; Fractured & broken with clay-sericite	
			-	F	-	W	Tr	1	Ph	108.20	109.58	1.38	-6037	<0.005	<0.5	95/8	Qtz & Feldspar phases more rounded below ~105.16 & gtz	
									M	DISCOVERY outcrop -6038 0.897 3.8							clones have fine white rims. Feldspars locally coarsened	

1.35

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 11 of 19
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
		QFP const									BLANK		B666039	<0.005	<0.5		by sericite-smectite,	
			W	F	-	W	Tr	~	Ph	109.58	111.25	1.65	B666040	<0.005	<0.5	100/7	Broken - fractured core with minor clay-sericite coatings, Fractures 70° to 15°; 110.65' Fracture @ 40° with gray-pyritic clay & 1-2cm SLG margins	
			W	F	-	W	Tr	-	Ph	111.25	112.78	1.53	- N/S			67/9	Broken - fractured in planes sericite coated faces, commonly 20° to C.A. Bleached w/ly SLG matrix & feldspars commonly pitted.	
			W	F	-	W	Tr	-	Ph	112.78	114.30	1.52	- 6041	<0.005	<0.5	100/8	Broken - fractured; 10-90° to C.A., mostly fresh breaks with little or no sericite. 113.11m'; Fracture @ 20° to C.A. with hard, but not siliceous, dark grey-black coating. Has 0.5 grey diffuse selvage.	
										114.30	114.97	0.67	N/S			0/0	Section of missing core with over 1.52m of removed case, sandy to clay like cuttings, qtz veined siltstone, rounded QFP. Interval might include genuine core but can't tell.	
			W	F	W	W	Tr	-	Ph	114.97	115.82	0.85	- 6042	0.006	<0.5	100/8	Broken & fractured core: Dark grey to black coated fractures in broken core and at: 115.32; 115.42; 115.52 & 115.77m, 45-70°. Fracture coating @ 115.52m has black-carbonaceous 'powder' coating, possibly pyrobitumen.	
			W	F	W	W	I	-	Ph	115.82	117.35	1.53	- 6043	0.029	<0.5	88/9	Broken & fractured core: 115.95-116.05; Fractured, sheared, minor clay gouge, @ ~ 70 & 30° to C.A. with some black 'carbonaceous' material as above. Pyritic ~ 5° in fine stringers & discs.	

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6106-248

Hole No. TRN06-01

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Hole No. TRN06-01	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			Page No. 12 of 19	
		QFP con't																117.25-117.35 ; Fractured - sheared core, minor gouge, & blank carbonaceous material; Possibly @ 10-30° to c.a.	
										117.35	118.87	1.52	N/S				0/10	Missing core ; Drillers ground core / mislatch.	
			W	F	W	W	Tr	-	Ph	118.87	120.55	1.68	8666044	0.005	<0.5		100/5	Fractured & broken core, green 'platey' sericite on most fracture surfaces.	
									L									119.58; Irregular fracture @ 30° with dark grey-black almost siliceous selvage.	
		FLT ZONE	-	F	W	W	Tr	-	Ph	120.55	121.92	1.37	-6045	0.006	<0.5		73/9	Fractured & broken core.	
		120.55							L									120.70: 1cm crushed sheared zone, gouge, @ 30° to c.a.	
		-135.03m																121.31 ; Ground core - pellets.	
																		121.60-121.92 ; Fractured @ ~10° to c.a. with dark grey coating & ≤ 0.5cm sheared dark grey & QFP filling.	
			-	F	W	W	Tr	-	Ph	121.92	122.99	1.07	-6046	0.005	<0.5		85/7	Fractured & broken core.	
									L									122.05: Fracture @ 30° w sericite, gouge & grey 'carbonaceous' material	
			-	F	M	W	Tr	-	Ph	122.99	124.51	1.52	-6047	0.005	<0.5		90/6	Fractured & sheared, zones of broken core:	
									L									123.10; Shear @ 30° to c.a. w ≤ 0.5cm grey gouge, strongly calcareous.	
																		123.25-123.60; broken core w calcareous fractures ~30°	
																		123.85: 5cm wide calcareous shear, minor grey @ 30°	
																		124.00-124.51; Gougey - sericite shear ± py @ 10° to c.a.	
			-	F	-	M	Tr	-	Ph	124.51	125.58	1.07	-6048	0.006	<0.5		85/10	Fractured & sheared @ 00°-10° to c.a., ≤ 0.5cm	
									L	124.51	125.58	1.07	-6049	0.009	<0.5			Sericite - gouge fillings, other fractures - shears @ 45-60°.	
										DUPLICATE									
			W	F	-	W	Tr	2	Ph	125.58	126.80	1.22	-6050	0.007	<0.5		90/9	Fractured & sheared ; prominent fracture - shear @ 00°.	
				P on shears					M									Abundant clay & sericite, minor, but up to ≤ 1cm wide	
																		qtz - green fluorite veinlet or - 00° to c.a. shear	

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 13 of 19
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			
		QFP con't	W	F	-	W	Tr	-	Ph m	126.80	127.86	1.06	B666051	0.009	<0.5	75/10	and veinlet @ 40° to c.a. @ 126.50m. Fractured, sheared & bleached, argillitic alt versus sericite (green) alt. Close spaced frac & shears at 10-30°. Feldspars have white rims. Tr py
			W	F	-	W	Tr	-	Ph m	127.86	128.47	0.61	-6052	0.050	<0.5	100/10	60' above, fractured, sheared, bleached, abundant clay on low angle shears & frac, local jigsaw brx texture. 128.47: 1cm grey gtz & green fluorite vein @ ~40° to c.a. Over ~~grey~~ grey clay gouge on contact (0.5m).
			M	P	-	W	-	I	A m	128.47	129.54	1.07	-6053	0.018	<0.5	12/10	Very poor core rec'y. 5 cm of grey & light green gtz pebbles. Qtz is fine gr - No banding. (minor amethyst gtz) 7cm of clay gouge with chert supported - brx'd grey & light green gtz pebbles. Partial piece of 1cm white. grey gouge (and fabric) @ 60° to c.a.
			m	F	-	W	I	I	Ph m	129.54	131.06	1.52	-6054	0.015	<0.5	50/10	Poor core rec'y. 15 cm ^{recovered} light green (suc QFP) gtz pebbles (129.54-129.84). Tr amethyst gtz. 129.84-131.06; variably suc & brx QFP, includes 0.25cm grey clay gouge shear @ 130.16m @ 40°.
			P	F	-	W	I	I	Ph m	131.06	131.98	0.92	-6055	0.004	<0.5	24/10	Very poor core rec'y. ~11cm recovered of suc green QFP (with argillitic alt feldspars above) (bleaching - arg alt over prints) pebbles. one 5x5cm blob of white & light grey clay gouge is suc QFP brx cherts. Bottom 11cm recovered of intensely suc - pyritic (dis) QFP X-cut by ≤0.5cm grey clay gouge shear @ ~12° to c.a.
			P	F	-	W	Tr	-	Ph m	131.98	132.59	0.61	N/S			16/8	one 10cm piece of sericite green suc QFP, Argillitic alt feldspars. Not enough core to sample
			P	F	-	W	Tr	-	Ph m	132.59	133.20	0.61	-6056	0.010	<0.5	66/7	Green suc QFP with argillitic-clay alt feldspar phenos. 132.80: 1cm light grey clay gouge @ 40° to c.a. 1 grey clay shear @ 15° to c.a. Tr dis py

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No. 14 of 19
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
		QFP	P	F	-	W	Tr	Z	Ph	133.20	134.11	0.91	B666057			65 / 7	Mostly broken - fractured core. Green SLCC QFP with moderately clay altered feldspars. Rare irregular ≤ 1 mm Qtz veinlets. One shear in grey gouge @ 40° to C.A. ~133.90-133.20; ≤ 0.25 cm grey & green 'Qtz' veinlet with clay & sericite @ $25-30^\circ$ to C.A.	
		cont		mod					m	STANDARD OREAS GPB			-6058					
										BLANK			-6059					
			~P	F	-	W	I	I	Ph	134.11	135.03	0.92	-6060			68 / 7	As immediately above; green SLCC QFP. ~134.40; 8cm. shear, crushed QFP & minor clay @ 50° to C.A. ≤ 1 mm irregular py-Qtz velt along C.A.	
									m									
			W	F	-	W	Tr	-	Ph	135.03	136.55	1.52	-6061			98 / 6	More solid core; less SLCC, less argillitic alt feldspars. 135.03 - 135.43; Sheared w $\pm$ grey gouge, clay & brx, decreasing in intensity downhole. Overall 20° to C.A.	
									m									
			W	F	W	W	Tr	-	Ph	136.55	137.16	0.61	-6062			125 / 3	Solid core; Minor fractures @ 10° to 30° to C.A. $\pm$ minor clay $\pm$ sericite $\pm$ tr pyrite	
					very weak				m									
			W	F	W	W	Tr	-	Ph	137.16	138.68	1.52	-6063			92 / 5	QFP as 136.55-137.16; Weakly SLCC matrix, carbonate-clay altered feldspars, QFP int by hairline fractures $\pm$ calcite $\pm$ sericite, $\pm$ pyrite, fractured feldspars. 137.16-137.83; broken core, 'dry' fractures. 138.06; Fracture with clay-shear @ 60°	
									m									
			W	F	W	W	Tr	-	Ph	138.68	140.21	1.53	-6064			82 / 7	Broken and fractured, commonly with light grey clay. 138.70; calcite veinlet @ 55° to C.A. 139.30-140.00; More intense fractured & brx with light grey clay. Fractures $10-30^\circ$ common.	
									m									
			W	F	W	W	Tr	-	Ph	140.21	141.28	1.07	-6065			85 / 7	As above - broken & fractured & locally crushed. 140.21 - 140.82; brx'd & sheared, commonly at $\sim 30^\circ$ to C.A. 140.80; shear @ 40° with clay.	
					very weak				m									
			W	F	W	W	Tr	-	Ph	141.28	142.34	1.06	-6066			84 / 7	Weakly fractured $\pm$ clay $\pm$ sericite, commonly @ $10-30^\circ$. 142.25 - 142.34; brx'd, crushed with clay.	
					very weak				m									

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
		QFP	W	F	W	W	Tr	-	Ph	142.34	143.26	0.92	8666067			100 / 4	142.34-142.95; Solid core, minor saicite ± calcite on fractures.
		con't	very weak		FRAC				M								142.95-143.26, Fractured ± clay ± saicite. Clay shears @ 143.20 @ 60° to C.A. 143.09: fracture in tr. dis py cutting sec (including feldspars)
			W	F	W	W	Tr	-	Ph	143.26	144.32	1.06	-6068			77 / 7	143.86-144.22; six parallel shears with clay & in two cases platy green saicite; all at approx 50° to C.A.
			very weak		DOLM FELDSPARS				M								
			W	F	W	W	Tr	-	Ph	144.32	145.69	1.37	-6069			107 / 1	Solid core; Calcite - dolomite altered feldspars. 145.14 & 145.35; hairline fractures @ 60° & 20° to minor grey clay & dis py. 145.45; 1mm amygdaloid @ 45° to C.A.
					calcite dol. Feldspars				M								
			W	F	W	W	Tr	-	Ph	145.69	146.30	0.61	N/S			100 / 1	Solid core, 3 fractures in saicite @ 30° & 40° to C.A.
									M								
			W	F	W	W	Tr	-	Ph	146.30	147.83	1.53	-6070			90 / 5	Weakly fractured & broken, commonly @ 30° ± saicite. 147.33 & 147.58; hairline grey pyritic veinlets, Hairline gti veinlet 146.65m.
			very weak						M								
			W	F	-	W	Tr	-	Ph	147.83	148.74	0.91	-6071			100 / 5	Modestly fractured, commonly 30-45° ± clay ± saicite. Minor grey clay with traces dis py.
			very weak						M								
			W	F	-	W	Tr	-	Ph	148.74	149.35	0.61	N/S			100 / 5	do above 147.83-148.74.
			very weak						M								
			W	F	-	W	Tr	-	Ph	149.35	150.88	1.53	-6072			100 / 5	Mostly fractured core, fractures spaced 10-25cm, commonly 55° ± clay ± saicite, minor grey pyritic clay. 150.25-150.88; Fractured & weakly brx @ 10-30° to C.A.
			very weak						M								
			W	F	W	W	Tr	-	Ph	150.88	152.40	1.52	-6073			100 / 3	Same old QFP! 151.00-151.90; sheared & weakly brx with clay, saicite ± minor grey pyritic clay. Fractures commonly 10-30° to C.A.
			very weak		Feldspars				M								
			-	F	W	W	Tr	-	Ph	152.40	153.92	1.52	N/S			100 / 1	Solid core, minor fractures, commonly 25°, minor clay & saicite. Patchy green clots in matrix
					Feldspar				M								

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Footage From (m) To (m)		Rock Type	Alteration							Assays				Au ppb	Ag ppm	% RCVRY	Description
			S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.				
		QFP	-	F	W	W	Tr	-	Ph	153.92	155.45	1.52	8666074			100/2	Solid core, QFP, gradual gradation with increase in green sericite altered dots in matrix.
		cont.							m								Minor discontinuous hairline gray-pyritic stringers.
			-	F	W	W	Tr	-	Ph	155.45	156.97	1.52	N/S			97/3	Weakly fractured & minor hairline anastomosing fractures ± calcite ± sericite, almost at low angles to C.A. Trace gray pyritic veinlets.
									m								
			W	F	W	W	Tr	-	Ph	156.97	158.50	1.53	-6075			92/3	As above 155.45-156.97m.
			very weak						m								
			W	F	W	W	Tr	-	Ph	158.50	160.02	1.52	N/S			100/1	Solid core; pitted feldspar (carbonate leached out?) Qtz phenos have white rims. Fragments of hairline Qtz vults.
					m				m								
			W	F	-	W	Tr	-	Ph	160.02	160.93	0.91	-6076			100/7	More broken & fractured, commonly @ 50° to C.A. with sericite (smeatite). white rims on Qtz phenos.
									m								
			W	F	-	W	Tr	-	Ph	160.93	161.54	0.61	N/S			65/7	As above (160.02-160.93m), sheared & fractured, with platy sericite - smeatite, @ ~10° to C.A.
									m								
			W	F	-	W	Tr	2	Ph	161.54	163.07	1.54	-6077			100/1	161.54: Sheared with gouge, contact @ 20° Solid QFP; 161.54-161.74: Crushed, SLG QFP with pervasive sericite brx filling Qtz - minor carbonate veining, shear contact @ 15° to C.A.
									m								
																	161.90-162.15; siliver on side of core of crushed brx SLG - Qtz vult QFP, 162.35-162.45; siliver of SLG-crushed QFP Qv. - as above.
			W	F	W	W	Tr	-	Ph	163.07	164.59	1.52	-6078			100/2	Solid core; Patchy sericite (smeatite) & possibly chlorite matrix. 164.19-164.59: Banded sericite chlorite alteration, calcite blebs & fracture filling. Banding is likely alteration & not bedding.
					m				m								
			W	F	W	W	Tr	-	Ph	164.59	166.12	1.53	N/S			100/2	Solid core; Patchy sericite & possible chl alt with carbonate fracture filling 164.59-164.90m.
									m								

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
		QFP con't	W	F	W	W	Tr	-	Ph m	166.12	167.64	1.52	8666079			100/3	QFP, pitted feldspars (carbonate removed?). Dry fractures @ 40-60°; 166.57'; irregular brn lam 'veinlet' 167.00 & 167.10'; opposed fractures @ 45° with clay & tr pyrite.
			W	F	W	W	Tr	-	Ph M	167.64	169.16	1.52	N/S			82/2	Solid QFP to 169.10: (Missing core @ ~169.16?) 169.10 - 169.16: Brn, fracturish at 40° with clay, saite.
			W	F	W	W	Tr	-	Ph m	169.16	170.69	1.53	-6080			95/4	Weakly fractured (± saite), commonly 30-40°, QFP 169.16 - 169.40'; Sheared & wkly brn @ 20-30° with clay.
			W	F	W	W	Tr	1	Ph m	170.69	172.06	1.37	-6081			95/3	Weakly fractured (± saite) QFP, 170.59'; Fractured, zone of missing core?, 1-2 mm grey fzt veinlet with trace "brn" material (similar to 166.57 above) @ ~40°?
			W	F	W	W	Tr	2	Ph m	172.06	173.58	1.52	-6082			97/3	Weakly fractured @ 30-60° to C.A., Some with < 4 mm saite - smectite, ± grey clay (only tr py). 172.16: ± 1-3 mm fzt veinlet @ 30° in wkly sec & saite alt zone. 172.50; wkly sec, broken in g @ ~50° to C.A.; locally grey selvages on fractures.
			W	F	W	W	Tr	1	Ph m	173.58	175.11	1.53	-6083			104/1	Solid core - QFP. Pitted feldspars 173.78 - 174.56 m; ± 1-2 mm fzt-pyrite veinlet along core axis. Saite (smectite) on minor fractures.
			W	F	W	W	Tr	1?	Ph m	175.11	176.78	1.67	-6084			100/2	Solid core; Crosscut by hairline - anastomosing veinlets of 'brown' material at ~30° to C.A. 176.43'; 1-2 mm fzt-py veinlet @ 45°.
			W	F	W	W	Tr		Ph m	176.78	178.31	1.53	N/S			93/1	Solid core; X-cut by hairline - broken py - calcite veinlets
			W	F	W	W	Tr	2	Ph m	178.31	179.83	1.52	-6085			100/1	Same solid QFP; minor brown veinlets, fzt-carb veinlets @ ~20° to C.A. minor green fluorite in veinlets
		W-M	W	F	W	W	Tr	3	Ph m	179.83	181.36	1.53	-6086			100/1	Solid QFP; weakly bleached, cross cut by ~4 sets of ± 1-2 mm fzt veinlets @ 20-30°; irregular white

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Hole No. TRN 06-1

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GREW CREEK PROJECT

DIAMOND DRILL LOG

Hole No.: GC 06-219	Grid: RAT CREEK	Claim: CANYON 12	Page 1 of 28
Depth: 176.8 m	Coordinates - Northing: GRD 9483 UTM 6800808	Bearing: Grid N	Date Started: Feb 24/06
Angle: -50°	UTM NADES ZONE 8 - Easting: GRD 11500 UTM 6124266	Elevation:	Date Completed: March 5/06
Core Size: NQ 6m	Dip Tests: /	Drilled by: Caron	Logged By: D. Heon

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
0	6.1	OVBN															
6.1	23.6	KHT or CLPT or auto-breccia															cm-sized roundish rhyolite "clasts"? in finely banded and contacted matrix (devitrified welded tuff?) or clay spherulitic? waxy green equant (fine-grained?) - alt fspar. polka-dot appearance. some slight later brecciation?
			-	-	-	M	I	?	Ph	6.1	7.6	1.5	666099	0.021	<0.5	90/3	light green to gray, faintly banded rhyolite or tuff, w light green finely spherulitic (circular structures) bands in ground mass of light gray very siliceous material ~2mm Qtz 75%, commonly squarish + fspar ~2m (<2%, white lath) - phynic. Few gray siliceous massive rhyolite "fragments" or clasts (qtz-phynic also) i.e. xtal- lithic tuff (or auto-breccia). Some hematite alteration of groundmass + of Qtz, some surface oxidation on fractures (± black, Mn?) + lim replacement fine hairline Qtz veining tangential to banding. Moderate sericite-smectite alteration, loc bright green waxy xtals. py in blebs, <1%, except 1-2% in grey unaltered 1-2 cm "band"

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No. 3/28	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm	
			-	-	-	M	I	mod	Ph	15.25	16.75	1.5	666106	0.015	<0.5	90/7	as above, w thin microfractures/veinlets	
sub unit							D		M				✓				some oxidation on fractures + some	
15	19.5	more massive groundmass not banded.															red hematitic alt. Some sections less banded. Loc broken core.	
			-	-	-	W	I	W	Ph	16.75	18	1.25	107	0.021	<0.5	92/3	white milkier matrix (although not chalky)	
							D		W-M				✓				thin fractures + veinlets	
			-	-	-	W	0-1	W	Ph	18	19.5	1.5	108	0.020	<0.5	92/3	2 X 1-2m band of dark SPT? Friable	
							D		W-M				✓				mostly massive groundmass as above, w some banding weak to mod red (hematitic?) alteration. Local microfractures + brecciation.	
			-	-	-	M	I	3	Ph	19.5	21	1.5	109	0.019	<0.5		contacted banded spherulitic groundmass	
							D		M								3 qtz veinlets 1-2mm	
																	rough alignment of long axis of rhyolite - Fx? ~60° CA; vfg py <1-2%.	
			-	-	-	M	1-2	mod	Ph	21	22.55	1.55	110	0.016	<0.5	87/1	Banded at first, w hematite? grades into more massive w microveinlets (qtz?)	
							D		M	22.55	23.6	1.05	111	0.027	<0.5	88/2	vfg-to py dec 1-2%, some seams or veinlets of bright green mica or epidote? sharp lower contact.	
23.6	25.2	contact transition zone fault breccia:	1-	-	W	W	I	S	?	23.6	25.2	1.6	112	0.045	<0.5	88/2-10	First 0.15m: purple glassy rhyolite with fault zone	
									M								followed by 0.55m banded beige	
																	maroon + greenish altered (sheared?) feldspar	
																	rx w 5 X 1-2mm qtz veins, diss py cubes 1-2%	
																	followed by 1cm clay seam (gouge?) grey	

weak
carbonate
alteration

6114 B1C

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Footage		Rock Type	Alteration								Assays						% RCVRV	Description																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
																	packed xtal tuff or (bleached) stp tuff.
																	broken rx at end of interval. Far at west 0.2m
			-	W	-	W	TR	-	Ph VW	28.95	30.45	1.55	N/S	<0.005	<0.5	100/1	rhy Fx 0.5-4cm, beige to green, in dark, stp looking matrix = xtal lithic tuff
			-	M	W	W	TR	-	Ph VW	30.45	32.0	1.55	118	<0.005	<0.5	87/9	includes 2X white, soft (rhy-alt?). rhy? Fx + soft fractured tuff + clay breccia, gauge ~ 4 cm. interval brecciated (tectonic breccia).
			-	M	-	M?	1	-	Ph-A M	32.0	33.5	1.5	119	<0.005	<0.5	100/9	mainly white massive rx (Fx), soft (brecciated - micro fractures) w small pink xtls. Also greenish Fx w purplish qtz, other Fx: grey w abundant fspar laths.
sub unit																	from 32.9-33.5: harder, competent, pinkish. In competent rhy, f.s py 1-2%
32.6	33.95	"massive" rhyolite															"solid" rhyolite till 33.95, includes Fx or zones w abundant small clear laths rimmed in creamy material + qtz phenos.
(overlaps 2 intervals)																	grey white competent rhyolite till 33.95 (but scratch-able), diss py <10%. From 33.95 back to PLA or RhyT, w various sizes of clasts, some massive, some porphyritic, soft some coarse fault gouge + broken rx
			-	M	-	W	TR	W	A-Se W	33.5	35.05	1.55	120	<0.005	<0.5	81/8	First 0.35 m: gross, green xtal-rich tuff - matrix w Fx of dk xtal-
			-	W	W	W	TR	W	Ph W	35.05	36.6	1.55	121	0.005	<0.5	78/8	

(for possibly? crosscut rhyolite?)

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No.
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
			-	M	W	W	I	-	S	36.6	38.1	1.5	666122	<0.005	<0.5	93/7	lapilli tuff as above, w rhy fx of various degree of alteration. One fx w rhedrat purple qtz (hard-not-fluorite) other large fx is xtal-lapilli tuff itself? w vfg py 10%. Lost 0.35m, fractured, clay seams, brecciated
			-	M	-	W	Tr	W	AP	38.1	39.6	1.5	123	<0.005	<0.5	100/3	includes 0.6m lt grey massive altered? rhyolite, w thin clear qtz veins. Rest of fx not clay-altered but more pronounced ser-smectite alteration below rhyolite.
			-	M	-	M	Tr	-	A	39.6	41.15	1.55	N/S			84/2	±smectite-altered rhyolite clasts, some qtz-tepar physie, some f.g massive, some banded
			-	W	-	W	Tr	-	Ph	41.15	42.7	1.55	124	<0.005	<0.5	100/1	✓ one horizon of grossy, rounded grains s+p? rest is as above
			-	W	-	W	Tr	-	Ph	42.7	43.8	1.1	125	<0.005	<0.5	100/2	as rest of unit, one tabular angular fx w internal sanding + qtz + tepar xtds → pumice?
43.8	47.25	Rhy	-	-	W	W	I	W	-	43.8	45.1	1.3	126	<0.005	<0.5	90/4	F.g massive rhyolite (dyke?) loc pinkish, w red spots (ox py?), faint small tepar xtds, dics py 1-2%, + bright green spots - almost malachite?
			"	"	"	"	"	"	"	45.1	46.5	1.4	127	<0.005	<0.5	90/4	weak carb alt. Open pore-vug-carb-qtz-filled.
			-	M	-	M	Tr	-	A	46.5	47.25	0.75	128	<0.005	<0.5	100/9	green + yellow (clay?) altered, soft margin of the dyke? micro-fract + brecc.

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
47.25	50.3	RhyT (PLA?)	-	W	W	W	Tr	I	Ph	47.25	48.75	1.5	666129	0.002	20.5	93/3	Back to fragmental unit - grey to green Fx w dk grey matrix large rhy Fx w hematized margins? w 1 grey qtz vein?
			-	-	W	W	-	-	Ph	48.75	50.3	1.55	N/S			94/6	mostly in Fx of qtz-fspar rich slightly banded pumice? / porphyritic rhyolite.
50.3	52.6	Rhy breccia zone ~ ~	-	-	W	-	-	-	-	50.3	52.1	1.8	130	0.067	20.5	83/8	grey to dk grey, hard massive rhyolite, brecciated to crush-gauge. gradual appearance of fspars + internal structures after 52.3. Gradual contact w unit below? gradual contact sample goes to 52.1
52.6	54.5	? Rhy qtz porph.	-	-	W	W	I	I	Ph	52.1	53.35	1.25	131	0.101	20.5		Grey + green, faintly to strongly banded qtz + fspar phytic rhyolite? w green smectite alt. Same comp as Fx in above tuff. could be very large Fx (~2m). vfg py ~1% → only 1cm qtz vein banding 30° CA
			-	-	W	W	I	-	Ph	53.35	54.85		132	0.026	20.5		4 cm breccia gauge followed by more green banding - flattened pumice altered to smectite? / 30cm sample overlaps w next unit

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
54.5	57	RhyT purph Rhy															Rock type above (Rhyolite porphyry) as fx in lapilli tuff or drill hole (~ // to contact dk matrix
																	fx massive.
			-	W	W	W	-	-	Ph VW	54.85	55.5	0.65	666133	0.043	40.5	30/10	broken core, rare loss, fault?
			-	W	W	W	Tr	2	Ph W	55.5	57	1.5	134	0.008	40.5		mostly grey + green rhyolite porphyry some obviously as fx to dk fg xilane + lithic ash matrix. Contact w unit below irregular + sub // to core. 2 qtz veins < 1cm
										standard			666135	9.63	17.6	*	Standard Areas 62 to
										Blank			666136	40.005	40.5	*	Blank.
57	61.25	Rhy dyke															white, f.g. chalky-looking but hard w chill margin at upper contact, rhyolite dyke, weak fabric near contact 60°C A, phenocrystic w some dk grey glassy rhyolite inclusions, (or could it be ash?)
																	57.4-57.9: fractured, soft, brecciated, gage few qtz veins, broken core @ 57.9
			-	-	-	-	-	W	-	57	57.9	0.9	137	0.005	40.5	100/9	includes wall rx
			-	-	-	-	-	-	-	57.9	59.4	1.5	N/S			96/1	
			-	-	-	-	-	W	-	59.4	60.95	1.55	138	40.005	40.5	100/5	thin qtz veining.

- $\nabla \cdot \underline{\underline{Ph}}$ alt of tx not of matrix
- rhy / porphyry obs = rhyT to pumice?

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Footage		Rock Type	Alteration							Assays						% RCVR	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
61.25	63.8	Rhy T	-	-	VW	W	Tr	W	Ph	60.95	62.5	1.55	N/S			94/1	~ 30 cm of white rhyolite, sharp later contact. Intervals straddles contact. very weak Qtz veins 1 mm.
																	angular + sub angular clasts/Fx: aph-phaner white rhyolite, grey to green (alt) Qtz-fspar rhyolite porphyry + possibly fine large block of banded greenish rhyolite porphyry in center (core) of interval. Some small Fx of hard black vitric tuff (faint internal banding). Some rhy porph: pump
																	one 4-5 mm minute Qtz vein // to banding. Lower contact sub // to CA
63.8	65.4	Rhy	-	W	W	-	Tr	W	Ph	63.8	65.4	1.6	140	<0.005	<0.5	94/2	to med creamy large, f.g, weakly Qtz-porphyrific rhyolite. w thin dk scratchlike curvilinear fractures. Very small clear laths (H-pars or glass shards?) Qtz grains - pyrs, commonly w Fe ox inclusions or rimmed by it. Strong out or more dense near dk veinlets. Tr py diss along thin stringers. Some marke breccia. Thin slicks on fractures
65.4	73.6	Rhy T xtal lithic + pumice clasts															Angular to sub angular Fx of: f.g. aph-phaner large, grey + greenish rhyolite, vesicular, pale greenish porphyritic (Qtz-fspar) rhyolite, black vitric tuff (clastic xtal lithic tuff)

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No.
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
																	some banded pumice? Fx, matrix (or vesicular?) dk, w small lithic xstal Fx. Fx most mm - ≤ 10 cm, some larger. Some small fault offset Fx. Carb on fract.
			-	-	W	W	Tr	-	Ph VW	65.4	67.05	1.65	N/S			82/6	Fx 1-2 to 10 cm, some pumice? broken rx @ 65.8 m.
			-	W	W	M	I	W	Ph W	67.05	68.6	1.55	66614	0.020	40.5		includes? 60 cm Fx of light grey, ls. qtz-fine phyr. hard rhyolite, dis to py 10 p. Some clay alteration + more pronounced smectite alt of Fx.
							D							w hairline qtz veins			←
			-	-	VW	Wm	Tr	2	Ph Wm	68.6	70.1	1.5	142	0.023	40.5	100/2	Fragmental, w 2 sections (Fx?) or cut units of massive to banded green rhyolite porphyry, strongly altered at first w green smectite bands contact of 1st block/subunit // to core, and includes 1-3 m vein of purple qtz sub // to core.
			-	-	-	Wm	-	1	Ph Wm	70.1	71.6	1.5	143	0.008	40.5		continuation of green + qtz vein partially banded, 0.75 m followed by regular volcaniclastic texture. 2 cm dyke? Fx dk rhyolite 30° CA
			-		-	W				71.6	73.15	1.55	N/S				qtz vein offset along micro-faults includes Fx of xtal - lithic + pumice, rhyo porph/Huff + f.g. beige rhyolite. Most Fx ≤ 4 cm, few 4-6 cm across. Includes small black Fx, hard interdiff or chert? sl. bleached?

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
			-	-		M	Tr	W	Ph	73.15	74.65	1.5	66144	0.018	20.5	87/4	0.5 m of RhyT as above. + contact w unit below.
									W								
73.6	79.6	F.s. green rhyolite or xtal-ash tuff															mostly f.s. green-grey, weakly to moderately altered, quartz (f.s.) porphyritic, w faint internal banding and slightly blotchy appearance (irregular alteration?) w small thin grey qtz veinlets. Includes - or interlayered with - reg coarse fxtal unit as above. F.s. diss py 1%.
			-	-	W	M	I	-	Ph	74.65	76.2	1.55	145	0.015	20.5	86/3	includes 0.3 m coarse fragmental includes black vitric clasts + 3-4m broken rx @ end of interval.
							D		w-m								200pp
			-	-	W	M	I	-	Ph	76.2	77.7	1.5	146	<0.005	20.5	97/2	includes 12 x 2-4cm dk grey schyolite dyke + " 0.6m of coarse fxtal Tuff as above.
							D		M								
			-	-	W	M	I	W	Ph	77.7	79.25	1.55	147	0.039	20.5	90/2	coarser phenos in green "rhyolite" + f.s. porphyritic increases some cc veinlets. continuation of 2-3cm rhyolite dyke.
							D		M								one stepped grey qtz vein or rhyol. dyke weak thin qtz veins.
			-	-	W	M	Tr	-	Ph	79.25	80.75	1.5	148	<0.005	20.5	100/2	includes 30cm of f.s. green rhyolite then contact w unit below, having f.s. por veins?
									M								
79.6	90.8	RhyT															Coarse volcaniclastic as before previous unit w mm - dm Fx of

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
																	porphyritic rhyolite, some possibly pumaceous, variable green -merite alteration of Fx, + large to light green f.g. phaneritic rhyolite? Fx mm-dm sized. In rare instances: matrix is block, aphanitic + scoriaceous - can't tell if ash? flow? siliceous sed?
			-	-	W	W	I	TR	Ph	80.75	82.3	1.55	N/S			91/2	hairline fissure? veinlets steep CA. Grey rhyolite dyke 1-2 cm $\approx$ // CA. Fg + cc porphyritic Fx, some faulted off, some cut by thin veinlets (that cut both Fx + matrix) one pumice Fx?
							D	D	W								
			-	VW	W	W	Tr	-	Ph	82.3	83.8	1.5	66149	0.09	20.5	87/4	thin cream-colored fissure carb? veins broken ex at start of interval Diss py tr bc 1% diss in porph. Fx includes $\sim$ 0.2 m of block aphanitic matrix (f.g. ash? flow?) see photo porph of a a a a a rhy of a a a a a f.g. xtal - 1/2 of a a a matrix
							D		W								
			-	-	W	W	Tr	I	Ph	83.8	85.35	1.55	N/S			100/2	Fx up to 25 cm, one 5 cm interval of block aphanitic "matrix" to block one massive grey, Qtz Fx, another pumaceous ret. porphyritic. One thin grey veinlet
									VW								

Footage		Rock Type	Alteration						Assays						% RCVR	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
			-	-	W	W	Tr	W	Ph	85.35	86.85	1.5	666150	0.007	<0.5	100/2	large angular + rounded blocks, some large some green-altered, mostly fg, slightly porphyritic. some thin hairline qtz veins
							D		W								
			-	-	-	W	Tr	W	Ph	86.85	88.4	1.55	151	<0.005	<0.5	94/2	mm-dm clasts, some pumiceous, some fg, some porphyritic. weak thin qtz veining in Fx. Interval ends w 0.2m banded porphyritic rhy (tuff?) landing 30° CA. Appears lvs alt but maybe leached? looks like zoning in alt. some Fxrim are leached while core is ign
							D		W								
										</							

Footage		Rock Type	Alteration							Assays						% RCVRV	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
																	loc weakly brecciated, thin fspars? veinlets ~ ⊥ to core. Tr disc p/y. some sections not banded.
			-	-	VW	W	Tr	-	Ph	91.45	92.95	1.5	N/S			100/4	banded, strongly porphyritic, thin fspars veins ⊥ to core. 1 cm felsic dyke (N-S) CA
			-	-	VW	W	Tr	-	Ph	92.95	94.5	1.55	666153	0.011	<0.5	86/6	banding sub // to A. Thin rhyolite fspars veinlets define weak brecciation
			-	-	VW	W	Tr	-	Ph	94.5	96	1.5	N/S				2 cm grey rhyolite band or dyke?
										96	97.4	1.4	154	0.021	<0.5	100/4	beige, loc bleached, fspars prominent
97.4	103.05	Rhy T															Coarse fragmental pyroclastic rx w various fx: rhyolite porphyry as before w weak smectite alteration, gray-green fspars (qtz) porphyry w white, slightly altered fspars + beige f.g. felsic (rhyolite?). Some complications described in specific intervals. One band of fx of slightly banded greenish "rhyolite porphyry" (0.6m) appears to be intruded (or bound by) f.g. glassy grey rhyolite dyke ~ 0.3m thick,
			-	-	W	VW	Tr	-	-	97.4	99.05	1.65	N/S			91/3	Fx mm-dm, dominantly fspars porphyry rounded to angular. - unclear (to me) contact relationships between clasts/matrix/porph or black stuff? weak cc veins in Fd Fx

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
			-	-	vw	W	Tr	-	Ph W	99.05	100.6	1.55	666155	0.057	40.5	100/1	includes greenish "rhyolite porphyry" Fx, one of which looks like it includes blebs of finer grained phase. (less porphyritic) Also includes the 0.6m of banded green rhyolite discussed above + half the grey glassy rhyolite "dyke" in contact with it (0.1m of it). 350 CA, or Fx
			-	W	-	W	Tr D	-	Ph W	100.6	101.8	1.2	N/S			97/4	starts w 0.2m grey rhyolite dyke, contact @ 30° CA marked by black rim & marked? wall rx? Also includes 30cm beige fg rhyolite, fractured, soft, clay alt at margin other fx are green "rhyolite porphyry"
			-	-	W	W	Tr	-	Ph W	101.8	103.05	1.25	156	0.012	40.5	100/2	coarse Fxal as main unit + 0.9m banded green + white "rhyolite porph" or tuff
103.05	103.8	Borealis Fault	-	M	W	-	-	-	-	103.05	103.8	0.75	157	0.006	40.5	64/10	sharp contact w "crushed" rhyolite grading into crumbly gross-grained Borealis-fault zone, includes grey + black rx
103.8	105.4	~~Fxal~~ porphyry	xtal			pumice											First 0.2m: vfg light brown rhyolite? cut + altered by ^{vertical} lighter beige material 2 Fx of ~~sp~~ porphyry contains black to rx

Footage		Rock Type	Alteration							Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
			-	-	W	W	Tr	-	Ph V	111.25	112.8	1.55	161	<0.005	<0.5	90/4	maybe even pink QFP is stl-lithic tuff 0.2 m section either sheared QFP or layered, perhaps just edge of Fx > tuffaceous also some f.s., phenostic Fx, and w fspar laths.
										std			666162	1.395	<0.5	*	Standard Oreas 6Pb
										Blank			666163	<0.005	<0.5	*	Blank
			-	-	W	W	-	W	Ph VV	112.8	114.3	1.5	164	<0.005	<0.5	98/4	mostly pinkish fspar-gtz phynic Fx. 10-40cm, separated by "matrix" of dark stl-lithic tuff. Few thin <1mm gtz veins cut through whole core (not just Fx) en echelon pinch + swell fspar-gtz vintlets
			-	-	W	W	W	I	Ph W	114.3	115.8	1.5	165	0.014	<0.5	93/2	light grey-brown Fx (not as phynic as usual), looks like rim to rhyolite porphyry -> rhyolite (either chill at green "rhy porph" or swallowed it up? or bleached alteration mini?; apparently intruded by grey f.s. fspar-phynic dyke, glassy matrix; cut by squiggly (stylolite-shape) black vintlets.
										115.8	117.35	1.55	N/S			90/6	as above photos, some clay on fract, one clast of fs gray fspar lath - phynic intr? or rhyolite

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
			-	-	W	W		W	Ph VW	117.35	118.9	1.55	666166	<0.005	<0.5	94/7	as above, greenish rhyolite porphyry + pinkish more massive QFP? or rhyolite some phenocrystic fx loc w fspar bath one fx looks like flow-banded rhyolite some clay on fractures. weak thin qtz-fspar veining (<1mm)
~ ~ ~										118.9	120.4	1.5	167	<0.005	<0.5	90/2	clay on fract at end of interval: core loss? As above: tan porphyritic fx (some containing either clast or smectite-altered core of / greenish porph rx ~ finely banded (pumaceous?) text last 0.1m - crush / breccia gouge, clay alt.
			-	VW	W	W	TV	-	-	120.4	121.9	1.5	N/S			100/7	as above one fx of finely banded flattened pumice (or flow-banded rhyolite?) some porphyritic fx qtz-dominant; others fspar-dominant, w fspar imbricated or intergranular w qtz (what I had originally called QFP). 0.1m section where matrix is seam of black vitric tuff (no internal structure, harder than mail); + some fx of fg phenocryst slightly clay-altered rhyolite. weak re veinoids. broken rx @ 121.7m
			-	-	W	W	TV D+S	W	Ph VW	121.9	123.4	1.5	168	0.006	<0.5	87/	as above w "green rhyolite porph/tuff + pink QFP fx, + ~ 0.8m grey + beige hard, edge massive, center banded, w qtz at interval.

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
			-	-	VW	M	Tr	W	Ph	131	132.6	1.6	666172	<0.005	<0.5	87/4	small "phenocrystic" rhyolite? or dyke w small fspar laths, usually this rock type gray or tan, here is bright green. rest of interval has some dk xtal-rich "matrix" but dominantly green "rhyolite porphyry," here w obvious flattened shards. xtal tuft in pumice matrix. Weak thin qtz veining
			-	-	VW	M	-	W	Ph	132.6	134.1	1.5	173	<0.005	<0.5	98/2	dominantly large fx of green "rhyol. porph" (qtz phenocr-tuft) and pink "QAP" here banded so also looks like xtal tuft. Some "interstitial" dark f.g. xtal-lith tuft. One 10 cm fx of greyish rhyolite dyke? w faint fspar laths. weak thin qtz veining
			-	-	W	M	Tr	W	Ph	134.1	135.6	1.5	174	0.009	<0.5	100/4	as above: mostly green "rhyolite-porph" fx, here w very little internal banding, mostly massive. Weak within en echelon qtz Tr py in fspar xtals. Some wrapping of very weak taln (pumice) around xtals
			-	-	-	M	Tr	VW	Ph	135.6	137	1.4	175	0.018	<0.5	93/4	as above: rest of unit (green, tan + grey fx) one 0.25m fx of green "rhy porph" tuft contains itself 1-3cm sub angular clots of grey glassy loc finely banded qtz-phenocr rhyolite or pumice? followed

or bound by cm seam of breccia matrix, itself filled w. weak breccia.

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Footage		Rock Type	Alteration							Assays					% RCVR	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
137.0	143.25	Fault breccia															crushed and brecciated RhyT, fx (m → gross/sand) → clay gouge, w some competent/unbrecciated domains.
		varn Δ															Sharp contact w brecciated black hard vitric tuff? 1.0m UC 20° CA, LC 0° CA, includes 0.05m breccia gouge ~ // CA.
																	Black polished carbonaceous slicks.
																	some other thin clay/gross gouge seams
																	loc crushed/
			-	W	W	W	Tr	-	Ph	137	138.5	1.5	176	0.023	40.5	100/4	finely brecciated (but still in place?) sand-size RhyT, w some more competent sections. where fine crushed: rounded grains including purple quartz. Grey clay alteration.
							D		M								sharp 20° CA contact w next interval

(green material look like to matrix to what is usually matrix material)

hard to tell secondary from
primary brecciation.

Hole No. GC06-249

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
			-	W	W	W	Tr D	W	Ph W	141.75	143.25	1.5	179	20.00	20.5	90/4	generally competent rx, w thin cataclastic fault breccia seams, w displacement along these seams. mainly fine "off" phase + altered (bleached) (green) "rhyolite purph" Weird embayed contact of phaner. Large rhyolite dyke? faulted + weakly clay-altered. Some carbonate veining. weak v thin qtz veining.
143.25	176.8	RhyT	-	-	W	W-M	Tr D	W	Ph W-M	143.25	144.8	1.55	180	20.00	20.5	94/4	mostly competent rx, various clast types: "green rhy purph", f.g. phaneritic rhy. tan-grey purph rhy or tuff ("off") w fair brecciation? or just clay alt. of groundmass of "green rhy purph"?
			-	W	W	W	Tr D	W	Ph W	144.8	146.3	1.5	181	0.013	20.5	100/4	Mostly competent rx w shearing + healed brecciation, as above, + 2 grassy clay-sand seams. One 2 cm Fx of may f.g. qtz phenocr w faint f.g. paths rhyolite? contains vugs filled w rc + purple qtz. One glassy-grey flow banded rhyolite Fx, another 10 cm one of block hard but scratchable argillite or tuff. Weak thin qtz-f.g. veinlets
			-	-	W	W	Tr D	W	Ph W	146.3	147.8	1.5	182	0.005	20.5	100/2	All Fx types: "green rhy purph" (includes purple)

relatively
weakly
brecciated

D

Hole No. 6C 06-249

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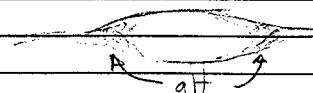
Footage		Rock Type	Alteration								Assays					% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
		gradually weaker smectite alteration at "rhyolite porph-tuff" fx															here gray, slightly green "QFP" phenocrystic beige rhyolite. Gray glassy rhyolite. fx size more homogeneous and <10m some weak cc veins + weak atz veining. Also are banded ^{flattened} fx (pumice) or fls banded rhyolite
										standard			183	1.44	<0.5	*	Standard Ores GPb
										blank			184	<0.005	<0.5	*	Blank
			-	-	W	VW	Tr	W	Ph VW	147.8	149.35	1.55	185	<0.005	<0.5	100/2	fs. gray phenocryst, fewer "green rhyolite porph-tuff", dominantly gray, loc. sh. greenish glz-phyrx - faintly frothy matrix (same as) green rhyo-porph-tuff but no ^(or less) smectite alt? thin large veinlets (fapor and/or cc) as crackle veinlets, plus less common thin atz veinlets <1mm One disrupted white + purple glz vein 3mm. One 4 cm of crush - gouge, clay-altered, 45° CA @ 148.9m
													no labels on photo				
			-	W	W	W	Tr	W	Ph VW	149.35	150.9	1.55	N/S			97/7	same lithologies as above, one vesicular beige phenocrystic rhyolite? cc-filled vesicles amygdales, one 1cm gray glassy rhyolite band or dyke w associated (spatially) - or bound by 2-3 cm clay-sand breccia core 150.9m. Another 1cm breccia - gouge @ 150.7m

day at 0100 - 0100

Hole No. GC 06-249

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Footage		Rock Type	Alteration							Assays						% RCVRY	Description	Page No.
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			24/28
																	Also contains 1/2 at 0.3m Fx of light green banded xtal-ash tuff? w fine foln wrapped around euhedral xtals w "tails" of fspars replaced by white + green clays.	
																		
* note:																		
151.75 -																		
153.4:			-	-	W	W	Tr	VW	Ph	150.9	152.4	1.5	186	0.007	<0.5	93/3	as above, w Fx size decreasing from 151.75m, matrix of Fx w irregular smectite alteration (bathy), fspars xtals still hvd, weak thin veining of large material fspars ± gtz	
Fx generally									W									
< 3m																		
			-	-	W	VW	Tr	W	Ph	152.4	153.9	1.5	187	<0.005	<0.5	100/3	as above, w Fx size increasing - to up to 10cm after 153.4m for weak alignment / fabric in 50°C matrix, w elongate siliceous Fx (hard), 3x thin white + purple gtz veins at // CA.	
									VW									
			-	-	W					153.9	155.45	1.55	N/S			94/6	Broken core at start of interval one banded gtz fspars flattened from 15m, variable smectite alteration weak or veining, some light grey Fx w white fspars laths, few dk brown laths w ash-ol Fx.	



loc displacement
along beige veinlets

Hole No. GC06-249

Page No. 25/28

Footage		Rock Type	Alteration							Assays						% RCVR	Description	Page No.
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			25/28
			-	L _W Fault	W	W	Tr	W	Ph	155.45	157.0	1.55	066186	0.025	20.5	100/10	mostly large Fx (20-40 cm) of sl. greenish + gray qtz (fspar)-phyric, for banded, rhyo porph-tuff, contain small lithic Fx. Also contains smaller green + gray phonetic Fx, + 6cm band of massive hard (opaque as opposed to glassy) rhyolite ash or dyke, bound by clay breccia same cut by thin qtz veins? (looks dense like PVC)	
			-	-	W	W	Tr	-	Ph	157	158.5	1.5	N/S			93/3	porph + non-porph lithologies of Fx, + one beige (off) w re-filled amygdules + Fx of dk gray-black hard rhyolite / lithic tuff. Matrix gradually more xtal-packed, locally looks graded (S+P texture?) Fx too angular to be gl?	
			-	L _W gase	W	W	Tr	-	Ph	158.5	160	1.5	189	0031	20.5	100/3	first 0.2 m: weak supercritical grading to breccia coarse, clay to sand-size Fx w cm-sized shivers of und. rx. Most Fx gray (to sl. green) qtz-fspar phyric - porph-tuff. loc w flattened fiammes weak re veinix.	
			-	-	VW	VW	Tr	I	Ph	160.0	161.55	1.55	190	0.007	20.5	97/2	one thin purple qtz veined x-ruts rare w // CA. Mainly grey qtz-phyric Fx	

weak re. veinix. + one w fspar halos + very glossy loc banded Fx

Hole No. GC06-249

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No.
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
			-	L sage	W	VW	Tr	W	Ph VW	161.55	163.05	1.5	666191	0.008	<0.5	100/9	one - very clay-altered Fx (crushed?) + 2 - veinlets / thin clay sage - one thin is unaltered grades to purple qtz along strike // CA, and 4km displacement of Fx along that veinlet.
sub unit																	
163.05	164.6	calicheous dyke? w faulted margin	-	L sage	W	VW	I D	W	Ph VW	163.05	164.6	1.55	66192	0.117	<0.5	95/10	light yellowish gray sil. dyke or flow? few qtz grains, cut by thin qtz veinlets, contains vug or pseudotachite vein of grey qtz or rhyolite grains? upper contact bound by 0.25m weak breccia + 10cm dk grey breccia gauge, lower contact marked by 2cm fault breccia gauge.
			-	-	W	VW	Tr	W	Ph VW	164.6	166.1	1.5	193	0.135	<0.5	98/7	back to coarse volcanoclastic, matrix contains large + abundant sil rounded fspar grains. Contains Fx of grey glossy rhyolite w some fspar + qtz xtals (one greenish). Thin grey banded qtz veins ± thin grey rhyolite dykes, looks brecciated. from 165.2-165.6, elsewhere, some apparent displacement of Fx on veinlet plane.

well as the rest of matrix.

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Footage		Rock Type	Alteration							Assays					% RCVRY	Description	
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm
										166.1	167.65	1.55	U/S			74/10	much of the core is "re-drilled". looks like normal volcanoclastic w weak to med smectite alteration of Fx, Fx: porph + non porph, massive to porous matrix. Green cross clay (altered "chyl-porph" tuff) - probably where most core loss, although rock is between pieces of re-drill also
															</		

Appendix 4

Diamond Drill Assay Sheets

Drill Holes

GC-06-245 to GC-06-249

Grew Creek Project
Assay Sheet
GC-06-245

Sample No.	From (m)	To (m)	Width (m)	Recovery %	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
B665801	40.84	42.06	1.22	95	0.006	<0.5	6.08	5	190	3.7	<2	0.33	<0.5	<1	3	5
B665802	BLANK				0.005	<0.5	6.41	<5	600	1.7	<2	0.33	<0.5	1	18	10
B665803	43.28	44.81	1.53	50	0.007	<0.5	6.06	<5	200	3.6	<2	0.52	<0.5	<1	3	6
B665804	45.72	47.24	1.52	85	<0.005	<0.5	6.21	<5	400	3.1	<2	0.6	<0.5	<1	8	8
B665805	48.77	50.29	1.52	93	0.005	<0.5	5.86	<5	330	3.1	<2	0.37	<0.5	<1	5	5
B665806	50.29	51.81	1.52	100	<0.005	<0.5	6.08	<5	330	3.5	<2	0.38	<0.5	<1	11	7
B665807	STANDARD OREAS 6pb				1.370	<0.5	6.78	1240	660	5.6	<2	0.01	<0.5	3	209	38
B665808	52.73	54.25	1.52	100	0.014	<0.5	5.74	<5	210	3.9	<2	0.42	<0.5	<1	3	6
B665809	54.25	55.47	1.22	80	0.013	<0.5	5.75	<5	230	3.7	<2	0.77	<0.5	<1	15	16
B665810	55.47	57.30	1.83	82	0.008	<0.5	5.69	14	280	3.4	<2	0.52	<0.5	<1	3	11
B665811	60.35	61.87	1.52	98	<0.005	<0.5	6.03	<5	400	3.1	<2	0.55	<0.5	<1	12	2
B665812	63.40	64.92	1.52	92	0.009	<0.5	5.58	11	350	2.6	<2	0.74	<0.5	<1	2	7
B665813	63.40	64.92	1.52	92	0.011	<0.5	5.69	5	360	2.6	<2	0.79	<0.5	<1	10	8
B665814	66.45	67.97	1.52	84	<0.005	<0.5	6.33	8	510	2.3	<2	0.47	<0.5	2	4	7
B665815	67.97	69.49	1.52	87	0.007	<0.5	6.13	11	480	2.2	<2	0.72	<0.5	2	10	4
B665816	73.15	74.68	1.53	98	<0.005	<0.5	6.83	8	310	2.7	<2	1.12	<0.5	2	3	6
B665817	76.20	77.72	1.52	95	0.005	<0.5	5.88	6	170	3.1	<2	0.52	<0.5	1	14	10
B665818	79.25	80.77	1.52	95	0.005	<0.5	6.07	8	100	3.9	<2	0.8	<0.5	2	11	20
B665819	82.30	83.82	1.52	96	0.006	<0.5	6.22	6	160	3.5	<2	0.6	<0.5	1	14	6
B665820	85.34	86.87	1.53	100	0.009	<0.5	6.47	8	160	3.7	<2	0.61	<0.5	2	3	8
B665821	88.39	89.92	1.53	100	0.006	<0.5	6.34	10	250	3.7	<2	0.55	<0.5	2	11	9
B665822	91.44	92.66	1.22	80	0.006	<0.5	6.61	6	200	4.0	<2	0.92	<0.5	1	7	7
B665823	96.01	97.54	1.53	56	0.008	<0.5	5.73	6	130	4.0	<2	0.45	<0.5	2	14	7
B665824	99.06	100.58	1.52	92	0.008	<0.5	6.49	13	530	5.1	<2	0.56	<0.5	4	11	11
B665825	102.11	103.63	1.52	100	<0.005	<0.5	6.60	<5	270	3.3	<2	0.51	<0.5	2	17	6
B665826	105.16	106.88	1.72	100	0.007	<0.5	6.56	<5	400	2.6	<2	0.75	<0.5	2	5	5
B665827	108.20	109.73	1.53	95	0.006	<0.5	6.54	<5	480	2.4	<2	0.64	<0.5	1	4	7
B665828	Standard from discovery outcrop				0.545	3.8	1.59	369	130	12.7	<2	0.02	<0.5	1	83	13
B665829	Blank				0.008	<0.5	6.86	8	610	1.9	<2	0.43	<0.5	3	28	9
B665830	111.25	112.78	1.53	100	0.012	<0.5	5.96	9	360	2.5	<2	0.31	<0.5	2	5	9
B665831	111.25	112.78	1.53	100	0.011	<0.5	6.29	8	360	2.7	<2	0.39	<0.5	2	24	7
B665832	114.30	115.82	1.52	100	0.011	<0.5	6.42	16	420	2.5	<2	0.49	<0.5	1	6	5
B665833	117.35	118.87	1.52	100	0.005	<0.5	6.16	9	350	2.8	<2	0.49	<0.5	2	33	9
B665834	120.40	121.92	1.52	90	0.006	<0.5	6.41	11	450	2.6	<2	0.78	<0.5	2	6	5
B665835	123.44	124.97	1.53	100	0.007	<0.5	6.82	17	430	3.0	<2	1.12	<0.5	5	36	33
B665836	STANDARD OREAS 6pb				1.395	<0.5	6.72	1195	660	5.5	<2	0.01	<0.5	6	201	37

Grew Creek Project
Assay Sheet
GC-06-245

Sample No.	Fe %	Hg ppm	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm
B665801	1.90	0.04	3.37	0.11	489	5	0.04	2	100	26	0.15	<5	20	0.14	2	10	90
B665802	1.36	<0.01	4.25	0.09	172	3	1.40	<1	160	25	0.01	<5	134	0.11	16	<10	32
B665803	1.75	0.06	3.53	0.12	435	3	0.05	<1	90	32	0.10	<5	33	0.13	1	10	88
B665804	1.72	0.04	4.51	0.11	379	3	0.10	<1	90	26	0.16	<5	43	0.13	1	<10	82
B665805	1.76	0.04	4.10	0.10	376	3	0.08	<1	70	32	0.14	<5	29	0.12	1	<10	88
B665806	1.70	0.04	4.10	0.11	396	6	0.08	<1	90	32	0.14	<5	30	0.13	1	<10	90
B665807	3.68	0.06	2.73	0.35	86	3	0.11	17	340	31	0.01	106	87	0.23	87	10	44
B665808	1.72	0.05	3.39	0.11	487	3	0.08	3	90	30	0.12	<5	32	0.12	1	<10	85
B665809	1.80	0.04	3.42	0.16	569	5	0.08	<1	130	28	0.09	<5	47	0.14	6	<10	81
B665810	1.75	0.04	3.81	0.15	456	7	0.09	3	110	25	0.09	<5	40	0.12	2	<10	85
B665811	1.69	0.03	4.50	0.10	336	3	0.13	<1	80	29	0.08	<5	31	0.13	1	<10	85
B665812	1.56	0.03	4.17	0.10	352	2	0.12	2	100	27	0.12	<5	39	0.12	1	<10	89
B665813	1.59	0.03	4.07	0.10	364	5	0.12	<1	90	27	0.15	<5	40	0.12	1	<10	86
B665814	1.91	0.04	4.50	0.12	481	2	0.14	1	120	34	0.17	<5	45	0.15	3	<10	110
B665815	1.81	0.04	4.13	0.11	438	2	0.14	1	90	31	0.21	<5	53	0.13	3	<10	94
B665816	2.01	0.06	3.69	0.11	429	3	0.14	3	110	30	0.10	<5	63	0.13	4	<10	99
B665817	1.31	0.03	3.10	0.07	234	3	0.09	3	40	33	0.08	<5	30	0.09	3	<10	82
B665818	1.71	0.03	2.50	0.10	343	2	0.08	5	160	41	0.02	<5	40	0.13	19	<10	92
B665819	1.57	0.03	3.07	0.08	266	3	0.09	1	80	32	0.07	<5	32	0.11	4	<10	89
B665820	1.65	0.03	3.24	0.08	365	4	0.09	1	70	30	0.12	<5	33	0.12	4	<10	92
B665821	1.47	0.03	3.88	0.08	298	3	0.11	2	70	39	0.05	<5	32	0.10	4	<10	98
B665822	1.80	0.03	3.38	0.11	372	4	0.10	2	100	37	0.06	<5	49	0.12	6	<10	94
B665823	1.38	0.02	2.86	0.12	405	13	0.08	2	70	35	0.03	<5	34	0.10	5	<10	84
B665824	1.38	0.02	2.86	0.27	256	4	0.13	8	220	35	0.05	<5	46	0.14	23	<10	85
B665825	1.92	0.03	3.42	0.09	321	2	0.11	2	150	32	0.18	<5	36	0.17	6	<10	107
B665826	1.85	0.04	4.32	0.07	360	2	0.14	1	90	27	0.15	<5	40	0.14	2	<10	107
B665827	1.76	0.03	4.46	0.07	363	1	0.16	1	90	26	0.17	<5	34	0.14	3	<10	102
B665828	2.65	0.21	2.11	0.02	48	2	0.03	9	380	14	0.93	24	114	0.04	9	<10	282
B665829	1.26	<0.01	3.95	0.07	73	1	1.80	<1	180	22	0.01	<5	126	0.11	14	<10	29
B665830	1.71	0.04	3.97	0.07	316	2	0.12	3	90	30	0.22	<5	26	0.13	2	<10	125
B665831	1.84	0.04	4.00	0.07	364	2	0.13	3	80	32	0.24	<5	29	0.14	3	10	112
B665832	1.91	0.04	4.24	0.07	372	2	0.13	2	90	29	0.21	<5	33	0.14	2	<10	100
B665833	1.90	0.05	3.95	0.07	438	2	0.11	4	70	30	0.24	<5	29	0.14	2	<10	107
B665834	1.85	0.04	4.33	0.07	482	2	0.13	1	100	35	0.21	<5	42	0.14	3	<10	108
B665835	2.62	0.07	4.24	0.12	575	2	0.14	10	260	29	0.36	<5	59	0.26	21	10	117
B665836	3.60	0.06	2.46	0.34	86	3	0.11	19	290	22	0.02	108	89	0.25	85	10	44

Grew Creek Project
Assay Sheet
GC-06-246

Sample No.	From (m)	To (m)	Width (m)	Recovery %	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
B665837	71.60	99.35	27.75		0.005	<0.5	0.73	<5	210	<0.5	<2	7.75	<0.5	<1	14	15	0.58

Grew Creek Project
Assay Sheet
GC-06-246

Sample No.	Hg ppm	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm
B665837	<0.01	0.16	0.33	469	1	0.09	8	340	6	0.02	<5	264	0.01	13	<10	19

Grew Creek Project
Assay Sheet
GC-06-247

Sample No.	From (m)	To (m)	Width (m)	Recovery %	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %
B665838	8.60	9.15	0.55	61	0.019	<0.5	6.06	32	90	4.6	<2	0.41	<0.5	2	4	15	1.63	0.03	2.63
B665839	9.15	10.20	1.05	100	<0.005	<0.5	5.96	<5	70	4.2	<2	0.79	<0.5	<1	5	9	1.57	0.02	2.54
B665840	10.20	11.90	1.70	94	0.006	<0.5	6.27	6	70	4.2	<2	1.18	<0.5	<1	7	14	1.76	0.03	2.89
B665841	11.90	13.40	1.50	93	<0.005	<0.5	6.36	20	70	4.3	<2	0.38	<0.5	<1	5	11	1.74	0.03	2.74
B665842	13.40	15.25	1.85	100	0.023	<0.5	6.13	36	70	4.2	<2	0.37	<0.5	<1	5	9	1.63	0.01	2.68
B665843	15.25	16.75	1.50	100	0.01	<0.5	6.44	5	70	4.3	<2	0.49	<0.5	<1	4	8	1.8	0.02	2.79
B665844	16.75	17.40	0.65	100	<0.005	<0.5	6.32	<5	80	4.3	<2	0.29	<0.5	<1	4	9	1.73	0.02	2.82
B665845	17.40	18.90	1.50	83	0.023	<0.5	5.8	23	80	4.2	<2	0.34	<0.5	<1	4	6	1.48	0.02	2.55
B665846	18.90	20.50	1.60	100	0.03	<0.5	6.2	92	320	4.8	<2	0.22	<0.5	<1	8	9	1.6	0.02	3.84
B665847	20.50	21.30	0.80	67	<0.005	<0.5	6.91	<5	400	4.6	<2	1.59	<0.5	5	23	12	2.94	0.03	3.64
B665848	21.30	22.85	1.55	84	<0.005	<0.5	6.64	7	460	4.6	<2	1.81	<0.5	4	24	7	2.5	0.03	3.49
B665849	22.85	24.55	1.70	92	<0.005	<0.5	7.06	<5	570	5.1	<2	2.07	<0.5	7	33	9	2.47	0.04	3.97
B665850	24.55	25.90	1.35	90	<0.005	<0.5	8.43	23	270	7.4	<2	4.09	<0.5	21	108	43	5.67	0.04	3.28
B665851	25.90	27.00	1.10	88	<0.005	<0.5	8.3	26	230	9.1	<2	4.48	<0.5	31	104	39	7.17	0.04	3.07
B665852	27.00	27.40	0.40	88	<0.005	<0.5	6.72	13	750	5.2	<2	3.07	<0.5	10	43	19	3.69	0.03	3.61
B665853	27.40	29.00	1.60	94	<0.005	<0.5	7.1	<5	850	4.5	<2	1.99	<0.5	6	24	9	2.8	0.02	4.18
B665854	29.00	30.50	1.50	100	<0.005	<0.5	6.72	<5	600	4.2	<2	0.78	<0.5	3	15	6	1.97	0.02	3.81
B665855	30.50	32.00	1.50	100	<0.005	<0.5	6.41	7	400	4.8	<2	0.92	<0.5	5	15	4	2.28	0.03	3.6
B665856	32.00	33.20	1.20	100	0.015	<0.5	7.04	16	480	4.4	<2	1.44	<0.5	4	17	5	2.61	0.02	3.85
B665857	33.20	33.70	0.50	100	<0.005	<0.5	6.89	24	720	7	<2	0.87	0.8	5	58	20	1.67	0.02	2.74
B665858	33.70	33.70	0.00	100	<0.005	<0.5	7.05	8	530	4.6	<2	1.6	<0.5	5	21	26	2.93	0.02	3.65
B665859D	33.70	35.05	1.35	100	<0.005	<0.5	7.1	13	490	4.9	<2	1.35	<0.5	7	26	7	2.98	0.03	3.64
B665860	35.05	36.60	1.55	100	<0.005	<0.5	6.78	11	530	4.1	<2	0.76	<0.5	4	17	12	2.2	0.02	4.13
B665861	Standard				1.335	<0.5	7.24	1220	700	5.5	<2	0.01	<0.5	5	218	40	3.89	0.05	2.78
B665862	Blank				<0.005	<0.5	7.13	<5	650	1.9	<2	0.41	<0.5	4	14	43	1.77	<0.01	4.12
B665863	36.60	38.10	1.50	100	<0.005	<0.5	6.79	6	590	3.8	<2	0.95	<0.5	2	12	10	2.24	0.03	4.43
B665864	Standard from discovery outcrop				0.666	3.2	2.26	299	160	11.5	<2	0.02	<0.5	<1	23	4	2.24	0.23	2.55
B665865	38.10	39.85	1.75	100	<0.005	<0.5	6.94	11	550	4.4	<2	1.19	<0.5	5	21	11	3.04	0.03	4.19
B665866	39.85	40.85	1.00	100	0.014	<0.5	6.87	<5	790	4.3	<2	0.84	<0.5	1	7	7	2.31	0.03	3.78
B665867	40.85	41.35	0.50	100	<0.005	<0.5	6.88	42	300	5	<2	5.9	<0.5	24	92	17	6.89	0.03	2.49
B665868	41.35	42.70	1.35	100	0.011	<0.5	6.68	15	380	4.8	<2	0.66	<0.5	7	21	13	2.78	0.04	3.37
B665869	42.70	44.55	1.85	99	0.033	<0.5	6.84	28	500	4.2	<2	0.75	<0.5	2	13	7	2.19	0.03	3.72
B665870	44.55	46.20	1.65	99	0.007	<0.5	7.64	24	360	4.9	<2	1.02	<0.5	10	46	8	3.51	0.05	3.45
B665871	46.20	47.20	1.00	96	0.008	<0.5	6.35	8	310	5.2	<2	0.28	<0.5	<1	6	7	1.19	0.05	3.64
B665872	47.20	48.70	1.50	94	0.028	<0.5	6.63	22	290	4.8	<2	0.62	<0.5	<1	6	7	1.34	0.08	3.25
B665873	48.70	50.40	1.70	100	0.014	<0.5	6.14	26	230	4.4	<2	4.16	<0.5	5	13	10	1.98	0.08	2.31
B665874	50.40	51.80	1.40	98	<0.005	<0.5	7.12	6	320	5.8	<2	6.47	<0.5	26	66	23	6.31	0.13	2.35
B665875	51.80	53.35	1.55	100	0.009	<0.5	8.06	<5	430	4.3	<2	4.75	<0.5	29	82	31	7.25	0.4	2.34
B665876	53.35	55.10	1.75	99	0.013	<0.5	7.98	<5	960	2.7	3	4.65	<0.5	24	80	38	6.87	0.43	2.13
B665877	55.10	56.40	1.30	96	<0.005	<0.5	7.15	20	590	2.7	3	5.29	<0.5	27	76	31	7.2	0.6	1.4
B665878	56.40	57.90	1.50	97	<0.005	<0.5	8.05	6	910	2.4	<2	4.51	<0.5	26	82	32	7.47	0.1	1.81
B665879	57.90	59.25	1.35	100	<0.005	<0.5	7.41	<5	340	3.2	<2	4.16	<0.5	26	76	43	7.27	0.17	1.5
B665880	59.25	60.95	1.70	100	<0.005	<0.5	8.19	5	840	2.6	<2	6.62	<0.5	28	75	28	7.43	0.1	1.23
B665881	60.95	62.50	1.55	100	<0.005	<0.5	6.92	<5	700	3.1	4	5.69	<0.5	25	67	45	6.66	0.32	1.26
B665882	62.50	64.00	1.50	97	<0.005	<0.5	7.37	<5	630	2.9	<2	6.08	<0.5	26	70	28	6.61	0.29	1.52
B665883D	62.50	64.00	1.50	97	<0.005	<0.5	7.18	<5	550	3	<2	6.19	<0.5	25	65	26	6.4	0.21	1.48
B665884	64.00	65.50	1.50	100	<0.005	<0.5	7.59	<5	680	3.2	<2	4.84	<0.5	29	76	32	7.02	0.07	1.42
B665885	65.50	67.05	1.55	97	<0.005	<0.5	7.41	<5	930	4.3	<2	4.94	<0.5	30	76	27	6.89	0.24	1.54
B665886	67.05	67.90	0.85		<0.005	<0.5	7.51	<5	370	4.8	<2	5.69	<0.5	25	76	27	6.16	0.75	1.5
B665887	67.90	68.60	0.70	100	0.005	<0.5	5.54	<5	290	3.6	<2	8.26	<0.5	23	55	17	5.53	1.69	0.87
B665888	Blank				0.006	<0.5	7.26	<5	660	1.9	<2	0.42	<0.5	3	15	14	1.71	<0.01	4.23
B665889	68.60	70.10	1.50	98	0.006	<0.5	5.25	<5	340	3.1	<2	9.53	<0.5	19	50	20	5.68	0.66	1.08
B665890	STANDARD OREAS 6pb				1.365	<0.5	7.2	1225	690	5.8	<2	0.04	<0.5	4	217	40	3.86	0.05	2.77
B665891	70.10	71.50	1.40	100	<0.005	<0.5	7.07	<5	390	3.2	<2	5.76	<0.5	25	74	23	6.73	0.44	1.36
B665892	71.50	73.10	1.60	94	0.005	<0.5	7.73	12	400	2.7	<2	4.63	<0.5	26	80	29	7.09	0.42	1.52
B665893	73.10	73.70	0.60	100	0.006	<0.5	5.47	20	350	3.5	2	11.25	<0.5	22	49	19	6.04	0.3	1.14
B665894	73.70	74.70	1.00	100	<0.005	<0.5	8.29	<5	440	4.1	2	6.3	<0.5	30	82	26	7.59	0.16	1.68
B665895	74.70	76.20	1.50	96	<0.005	<0.5	7.74	11	520	3.2	<2	5.83	<0.5	28	79	26	6.85	0.05	1.32
B665896	76.20	77.70	1.50	100	<0.005	<0.5	7.73	16	630	2.5	<2	6.47	<0.5	24	77	25	6.98	0.06	1.33
B665897	77.70	79.40	1.70	94	<0.005	<0.5	7.64	<5	520	3.3	<2	6.59	<0.5	25	74	30	6.9	0.51	1.52
B665898	79.40	80.80	1.40	95	<0.005	<0.5	7.67	<5	570	2.7	3	5.3	<0.5	24	67	28	6.43	0.04	1.4
B665899	80.80	82.50	1.70	93	<0.005	<0.5	8.02	<5	470	2.1	<2	6.73	<0.5	24	59	30	6.3	0.03	1.08
B665900	82.50	83.60	1.10	98	<0.005	<0.5	8.27	<5	580	1.8	<2	6.52	<0.5	23	63	31	6.58	0.03	1.19

Grew Creek Project
Assay Sheet
GC-06-247

Sample No.	From (m)	To (m)	Width (m)	Recovery %	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %
B665901	83.80	84.20	0.60	99	<0.005	<0.5	7.75	12	610	2.3	<2	8.5	<0.5	23	56	27	5.89	0.03	1.06
B665902	84.20	85.36	1.16	99	<0.005	<0.5	8.69	<5	460	2.4		6.58	<0.5	22	67	30	6.9	0.01	1.16
B665903	85.36	86.10	0.74	100	<0.005	<0.5	8.23	<5	350	3.1	<2	5.68	<0.5	24	66	30	6.6	0.01	1.38
B665904	Standard from discovery outcrop				1.205	7.2	2.18	416	170	13.3	<2	0.07	<0.5	<1	22	4	2.34	0.99	3
B665905	86.10	87.80	1.70	100	<0.005	<0.5	7.85	<5	550	4.3	<2	4.99	<0.5	24	68	32	7.18	0.51	1.73
B665906	87.80	89.90	2.10	100	<0.005	<0.5	8.38	8	1010	5.4		4.58	<0.5	23	58	30	6.35	0.85	2.02
B665907	89.90	91.45	1.55	100	<0.005	<0.5	8.37	<5	630	5.5	<2	6.9	<0.5	24	41	30	6.07	0.47	1.5
B665908	91.45	92.95	1.50	100	<0.005	<0.5	8.43	<5	850	3.1	<2	6.46	<0.5	22	44	31	6.32	0.41	1.26
B665909	92.95	94.25	1.30	92	0.005	<0.5	8.67	7	360	5.5	<2	3.59	<0.5	25	45	37	6.71	2.78	2.99
B665910	94.25	96.00	1.75	100	0.021	<0.5	6.72	29	210	4.2	<2	3.7	<0.5	5	12	11	2.54	0.14	2.52
B665911	96.00	97.55	1.55	90	0.021	<0.5	6.65	27	350	4	<2	0.74	<0.5	1	4	7	1.82	0.08	3.83
B665912	97.55	98.46	0.91	100	0.013	<0.5	6.85	14	370	3.7	<2	0.51	<0.5	1	3	5	1.84	0.05	3.87
B665913	97.55	98.46	0.91	100	0.015	<0.5	7.08	18	380	3.8	<2	0.57	<0.5	1	2	11	1.95	0.05	4.1
B665914	98.46	99.05	0.59	100	0.019	<0.5	5.97	24	270	5.3	<2	0.29	<0.5	<1	1	3	1.12	0.07	4.39
B665915	99.05	100.60	1.55	90	0.027	<0.5	6.67	40	260	5	<2	0.22	<0.5	<1	1	3	0.85	0.06	4.1
B665916	100.60	102.10	1.50	100	0.015	<0.5	6.27	21	250	5.3	<2	0.22	<0.5	<1	3	6	1	0.04	3.7
B665917	102.10	103.60	1.50	90	0.049	<0.5	5.92	119	250	5.6	<2	0.28	<0.5	1	2	5	0.98	0.05	3.73
B665918	103.60	105.15	1.55	100	0.044	<0.5	5.95	84	240	5.2	<2	0.37	<0.5	<1	3	4	0.84	0.04	3.83
B665919	105.15	106.70	1.55	90	0.058	<0.5	5.97	109	210	5	<2	0.41	<0.5	<1	2	3	0.92	0.04	3.76
B665920	106.70	108.20	1.50	100	0.058	<0.5	5.96	104	220	5.3	<2	0.37	<0.5	<1	4	10	1.14	0.04	3.97
B665921	108.20	109.85	1.65	95	0.062	<0.5	6.03	120	180	5.7	<2	0.35	<0.5	<1	2	4	1.04	0.05	3.8
B665922	109.85	111.25	1.40	95	0.02	<0.5	5.73	38	210	3.6	<2	0.4	<0.5	<1	4	6	1.09	0.06	3.63
B665923	STANDARD OREAS 6pb				1.37	<0.5	6.78	1245	680	5.9	<2	0.01	<0.5	5	200	40	3.85	0.05	2.76
B665924	Blank				<0.005	<0.5	6.65	8	650	1.8	<2	0.38	<0.5	3	8	13	1.57	<0.01	4.62
B665925	111.25	112.80	1.55	100	<0.005	<0.5	6.24	8	240	3.7	<2	0.54	<0.5	4	10	7	2.05	0.05	3.68
B665926	112.80	113.55	0.75	95	0.005	<0.5	6.32	26	240	4.7	<2	0.89	<0.5	6	18	8	2.42	0.04	3.94
B665927	113.55	114.30	0.75	90	0.08	<0.5	5.54	138	140	3.2	<2	0.25	<0.5	<1	1	3	1.02	0.07	3.16
B665928	114.30	115.80	1.50	100	0.062	<0.5	6.02	133	160	2.7	<2	0.26	<0.5	<1	1	5	1.16	0.08	3.77
B665929	115.80	117.35	1.55	100	0.081	<0.5	5.98	152	180	2.6	<2	0.3	<0.5	<1	2	5	1.17	0.11	4.1
B665930	117.35	118.90	1.55	100	0.08	<0.5	5.97	153	170	2.6	<2	0.54	<0.5	<1	2	5	1.06	0.2	3.83
B665931	118.90	120.40	1.50	100	0.079	<0.5	6.15	95	130	3.1	<2	0.41	<0.5	1	6	7	1.02	0.13	3.61
B665932	120.40	121.90	1.50	100	0.116	<0.5	5.77	121	80	3.3	<2	0.61	<0.5	<1	4	11	1.04	0.08	2.8
B665933	123.45	124.95	1.50	100	0.082	<0.5	6	102	100	3.3	<2	0.37	<0.5	<1	4	5	0.98	0.05	3.28
B665934	126.50	128.00	1.50	95	0.089	<0.5	6.02	122	130	3.3	<2	0.49	<0.5	<1	4	6	0.99	0.08	3.53
B665935	128.00	129.54	1.54	85	0.066	<0.5	5.78	82	110	3.1	<2	0.59	<0.5	<1	4	4	0.94	0.1	3.13
B665936	129.54	131.06	1.52	100	0.05	<0.5	5.83	63	130	3	<2	0.52	0.5	<1	5	10	1.06	0.05	3.29
B665937	131.06	132.59	1.53	100	0.035	<0.5	6.37	69	220	3.9	<2	0.73	<0.5	4	14	8	1.95	0.06	3.65
B665938	132.59	134.11	1.52	100	0.009	<0.5	6.14	13	210	4.1	<2	1.27	<0.5	4	19	9	2.14	0.03	3.68
B665939	134.11	135.65	1.54	100	0.046	<0.5	6.15	55	180	3.7	<2	0.47	0.6	<1	4	5	1.14	0.04	3.84
B665940	137.16	138.68	1.52	100	0.015	<0.5	6.44	20	230	3.9	<2	0.59	<0.5	3	15	7	1.92	0.05	4.09
B665941	140.21	141.73	1.52	100	0.069	<0.5	6.34	75	190	3.6		0.4	<0.5	<1	4	5	1.29	0.06	4.53
B665942	143.26	144.78	1.52	100	0.005	<0.5	6.28	9	340	3.6	<2	1.04	<0.5	4	17	8	2.36	0.05	4.16
B665943	146.30	147.83	1.53	100	0.011	<0.5	6.42	25	270	3.6	<2	0.93	<0.5	6	21	7	2.32	0.05	4.04
B665944	149.35	150.88	1.53	100	0.038	<0.5	6.27	43	150	4.4	<2	0.48	<0.5	<1	4	4	1.06	0.12	4.25
B665945	152.40	153.92	1.52	90	0.059	<0.5	6.53	91	110	5.8		0.46	<0.5	1	5	4	1.16	0.07	3.72
B665946	155.75	156.51	0.76	75	0.021	<0.5	6.02	32	220	4	<2	0.51	<0.5	1	26	4	1.02	0.09	4.57
B665947	157.58	158.80	1.22	100	0.016	<0.5	6.52	35	190	3.7	<2	0.3	<0.5	2	10	5	2.01	0.03	3.6
B665948D	157.58	158.80	1.22	100	0.01	<0.5	6.15	17	180	3.6	<2	0.39	<0.5	2	30	5	1.86	0.03	3.47
B665949	158.80	160.02	1.22	100	0.056	<0.5	6.25	75	110	3.7	<2	0.42	<0.5	1	6	4	1.14	0.12	3.56
B665950	160.02	161.54	1.52	90	0.039	<0.5	6.2	56	110	3.4	<2	0.39	<0.5	<1	30	6	1.1	0.13	3.89
B665951	163.07	164.59	1.52	100	0.089	<0.5	6.22	99	100	3	<2	0.33	<0.5	1	5	5	1.42	0.14	3.68
B665952	STANDARD OREAS 6pb				1.37	<0.5	6.78	1175	660	5.7		0.01	<0.5	5	199	38	3.5	0.05	2.67
B665953	Blank				<0.005	<0.5	6.48	<5	610	1.7	<2	0.3	<0.5	2	31	12	1.41	<0.01	4.24
B665954	166.12	167.64	1.52	100	0.063	<0.5	6.12	93	100	3.5	<2	0.42	<0.5	<1	4	4	1.1	0.06	3.76
B665955	167.64	169.16	1.52	100	0.067	<0.5	6.19	91	110	3	<2	0.23	<0.5	<1	39	6	1.12	0.08	3.46
B665956	170.69	172.21	1.52	100	0.014	<0.5	6.09	19	100	5.5	<2	0.05	<0.5	<1	4	4	1.14	0.05	3.89
B665957	172.21	173.74	1.53	80	0.074	<0.5	6.7	83	160	5.1	<2	0.08	<0.5	<1	3	7	1.22	0.04	4.59
B665958	175.26	176.78	1.52	90	0.038	<0.5	6.49	87	160	4.5	<2	0.1	<0.5	1	3	5	1.06	0.04	4.6
B665959	178.31	179.83	1.52	100	0.014	0.6	6.55	39	130	5.1	<2	0.19	<0.5	3	14	9	1.98	0.13	3.4
B665960	181.36	182.88	1.52	100	0.013	0.9	7.05	30	110	4.7		0.71	<0.5	1	8	8	1.66	0.04	3.55
B665961	184.40	185.93	1.53	100	<0.005	<0.5	6.45	5	300	3.7	<2	0.97	<0.5	3	15	6	2.1	0.02	4.13
B665962	187.45	188.98	1.53	100	0.029	<0.5	5.99	30	240	3.2		0.23	<0.5	1	5	6	1.8	0.04	3.57
B665963	190.50	192.02	1.52	100	0.01	<0.5	6.69	20	350	4	<2	1.93	<0.5	7	38	10	2.7	0.04	4.29
B665964	193.55	194.77	1.22	100	0.108	<0.5	5.64	85	370	2.2	<2	0.64	<0.5	1	5	7	1.04	0.05	4.24
B665965	Standard from discovery outcrop				0.71	3.2	2.26	306	170	12.8	<2	0.03	<0.5	1	80	4	2.25	0.26	2.82

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Sample No.	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm
B665838	0.13	297	7	0.04	12	80	32	0.23	<5	21	0.12	7	10	97
B665839	0.13	316	5	0.02	<1	100	21	0.05	<5	21	0.11	5	<10	80
B665840	0.13	393	9	0.03	7	130	28	0.08	<5	20	0.13	6	<10	92
B665841	0.13	408	7	0.02	4	140	22	0.03	<5	21	0.14	7	<10	95
B665842	0.1	360	6	0.03	3	110	30	0.26	<5	9	0.11	5	<10	93
B665843	0.12	372	3	0.02	<1	80	28	0.17	<5	17	0.12	4	<10	93
B665844	0.11	504	5	0.03	2	90	34	0.09	<5	9	0.12	4	<10	92
B665845	0.1	380	6	0.03	2	90	32	0.34	<5	11	0.11	3	10	92
B665846	0.15	246	6	0.04	2	130	28	0.34	<5	21	0.15	7	<10	110
B665847	0.38	547	4	0.05	9	590	33	0.05	<5	44	0.3	40	<10	98
B665848	0.39	500	4	0.05	9	540	29	0.05	<5	67	0.3	39	<10	91
B665849	0.51	575	5	0.11	9	700	31	0.06	<5	77	0.37	50	<10	97
B665850	1.27	1130	<1	1.18	56	2020	<2	0.1	<5	134	1.12	177	10	93
B665851	1.61	1065	<1	0.58	74	1840	<2	0.1	<5	163	1.02	168	20	97
B665852	1.22	850	2	0.39	26	830	18	0.04	<5	100	0.46	68	10	82
B665853	0.67	584	4	0.23	14	720	24	0.03	<5	100	0.36	40	<10	90
B665854	0.26	371	5	0.12	5	290	35	0.06	<5	64	0.2	17	<10	94
B665855	0.29	366	7	0.07	14	350	32	0.05	<5	47	0.22	20	<10	76
B665856	0.34	409	3	0.06	9	410	32	0.09	<5	66	0.25	26	<10	102
B665857	0.46	246	2	0.1	21	340	14	0.01	<5	49	0.32	162	<10	142
B665858	0.35	565	3	0.22	15	550	35	0.04	5	75	0.3	37	<10	100
B665859D	0.37	548	3	0.17	12	680	28	0.03	<5	66	0.4	43	<10	104
B665860	0.28	347	3	0.19	11	360	34	0.05	<5	51	0.23	23	<10	102
B665861	0.34	91	1	0.11	21	360	23	0.02	116	90	0.21	92	10	48
B665862	0.09	249	2	1.66	43	190	28	0.05	<5	146	0.12	21	<10	44
B665863	0.27	376	5	0.27	7	260	37	0.04	<5	60	0.2	20	<10	91
B665864	0.02	47	2	0.04	3	410	17	0.76	20	109	0.06	10	<10	4
B665865	0.36	488	4	0.32	14	580	31	0.05	<5	93	0.34	38	<10	103
B665866	0.27	400	4	0.68	<1	240	32	0.06	<5	101	0.21	14	<10	101
B665867	2.9	1205	<1	0.49	26	2690	6	0.09	<5	253	1.14	136	<10	102
B665868	0.51	390	9	0.32	17	680	32	0.08	<5	100	0.33	37	<10	90
B665869	0.4	289	5	0.44	3	330	34	0.19	<5	72	0.2	20	<10	100
B665870	0.56	384	5	0.5	16	930	27	0.08	<5	90	0.43	50	<10	108
B665871	0.21	153	3	0.4	<1	70	42	0.08	<5	37	0.07	6	10	69
B665872	0.23	273	3	0.35	<1	110	43	0.2	<5	51	0.09	8	<10	64
B665873	0.37	433	5	0.72	8	320	28	0.09	<5	198	0.2	25	<10	84
B665874	1.04	986	<1	0.61	49	2240	2	0.19	<5	185	1	124	<10	93
B665875	1.37	1160	1	1.13	57	2640	5	0.05	<5	184	1.13	142	<10	100
B665876	1.26	994	<1	1.88	49	2470	5	0.08	<5	206	1.01	133	<10	102
B665877	2.06	1180	<1	2.05	49	2640	2	0.06	<5	317	1.14	148	<10	104
B665878	1.48	1125	<1	2.19	45	2670	4	0.03	<5	252	1.15	137	<10	103
B665879	1.84	1115	<1	1.8	57	2560	6	0.03	<5	243	1.11	132	10	106
B665880	1.77	1135	<1	1.47	64	2800	9	0.05	7	331	1.21	150	<10	103
B665881	2.4	1250	<1	1.39	55	2400	11	0.05	<5	310	1.03	125	<10	95
B665882	2.73	1080	<1	1.68	56	2520	8	0.05	<5	339	1.08	130	<10	95
B665883D	2.73	1065	1	1.66	51	2410	2	0.06	<5	343	1.04	126	<10	93
B665884	2.1	1080	<1	1.7	56	2700	<2	0.02	<5	316	1.16	143	<10	103
B665885	2.15	1080	<1	1.41	55	2630	10	0.09	<5	260	1.13	140	<10	104
B665886	2.03	989	<1	0.86	47	2420	7	0.19	<5	211	1.1	134	<10	93
B665887	3.14	1055	<1	0.44	47	1880	4	0.15	<5	210	0.81	109	<10	76
B665888	0.09	230	1	1.75	3	200	26	0.01	<5	147	0.12	21	<10	40
B665889	3.26	1120	2	0.34	45	1880	<2	0.11	<5	246	0.82	110	<10	78
B665890	0.35	94	1	0.11	17	330	22	0.02	109	91	0.26	94	10	48
B665891	2.14	1160	1	1.09	53	2420	6	0.08	<5	194	1.06	134	10	97
B665892	1.75	1060	<1	1.56	51	2660	11	0.09	<5	191	1.13	142	<10	95
B665893	3.35	1325	<1	0.78	46	1820	3	0.13	<5	363	0.78	105	10	81
B665894	1.76	1225	<1	1.84	61	2820	5	0.02	<5	311	1.18	149	<10	107
B665895	1.9	1155	<1	1.84	53	2710	5	0.01	<5	346	1.13	144	<10	97
B665896	1.95	1290	<1	1.69	50	2700	6	0.02	<5	372	1.14	140	<10	97
B665897	2.25	1180	<1	1.51	53	2680	6	0.07	<5	393	1.14	139	<10	98
B665898	1.3	1005	<1	1.74	45	2280	3	0.03	<5	276	1.06	129	<10	91
B665899	1.94	1130	<1	1.53	47	2350	2	<0.01	<5	393	1.05	132	10	91
B665900	1.65	1105	<1	1.73	42	2450	3	0.01	<5	386	1.1	139	<10	93

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Sample No.	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm
B665901	1.82	1165	<1	1.54	48	2220	6	0.01	<5		413	0.99	124	<10
B665902	1.36	1160	<1	2	46	2510	3	0.01	<5		394	1.12	142	<10
B665903	1.19	1090	<1	2.21	42	2380	4	<0.01	<5		347	1.07	146	<10
B665904	0.03	54	2	0.05	3	550	16	0.75	23		122	0.08	14	<10
B665905	1.32	1145	<1	1.92	46	2410	4	0.08	<5		248	1.12	142	<10
B665906	1.21	1015	<1	1.35	48	2440	<2	0.11	<5		231	1.09	134	<10
B665907	1.3	991	<1	1.25	33	2320	5	0.06	<5		298	1.05	122	<10
B665908	1.3	1045	<1	1.54	31	2420	2	0.02	<5		348	1.09	132	<10
B665909	1.02	1035	1	1.03	32	2450	6	0.46	<5		170	1.12	134	10
B665910	0.37	444	3	0.63	6	490	23	0.17	<5		146	0.29	26	<10
B665911	0.15	313	5	0.15	<1	120	31	0.21	<5		40	0.15	5	10
B665912	0.14	366	5	0.43	1	100	31	0.11	<5		34	0.14	5	<10
B665913	0.15	397	5	0.51	<1	80	39	0.13	<5		35	0.14	5	<10
B665914	0.07	206	3	0.18	<1	20	46	0.17	<5		16	0.05	1	<10
B665915	0.08	124	1	0.51	<1	10	46	0.24	<5		17	0.08	1	<10
B665916	0.09	197	3	0.51	<1	30	46	0.13	<5		15	0.07	3	<10
B665917	0.07	73	2	0.56	<1	20	48	0.54	<5		15	0.05	1	<10
B665918	0.07	62	2	0.5	<1	20	48	0.45	<5		15	0.05	1	<10
B665919	0.06	90	3	0.68	<1	20	47	0.5	<5		14	0.06	1	<10
B665920	0.06	125	2	0.23	1	20	50	0.5	<5		17	0.07	2	<10
B665921	0.05	86	2	0.13	<1	10	50	0.56	<5		13	0.05	1	<10
B665922	0.07	183	<1	0.15	3	10	48	0.17	<5		19	0.05	3	<10
B665923	0.35	88	2	0.11	20	320	25	0.02	113		91	0.27	89	10
B665924	0.08	165	3	1.58	1	190	25	0.01	<5		147	0.11	18	<10
B665925	0.19	408	2	0.17	7	260	37	0.03	<5		27	0.19	18	<10
B665926	0.19	456	1	0.14	8	450	39	0.07	<5		33	0.29	26	10
B665927	0.06	64	<1	0.13	<1	20	54	0.72	5		12	0.05	1	<10
B665928	0.04	151	1	0.12	1	30	62	0.67	<5		11	0.05	<1	<10
B665929	0.04	138	<1	0.13	1	10	53	0.77	<5		11	0.05	<1	<10
B665930	0.04	91	<1	0.12	2	10	58	0.73	<5		12	0.05	<1	<10
B665931	0.06	107	4	0.12	5	20	52	0.7	<5		14	0.05	<1	<10
B665932	0.04	98	3	0.1	5	10	50	0.78	<5		16	0.05	<1	<10
B665933	0.03	82	1	0.1	1	10	43	0.71	<5		14	0.05	<1	<10
B665934	0.04	96	3	0.11	2	20	59	0.74	<5		18	0.05	<1	<10
B665935	0.04	125	4	0.11	1	10	85	0.62	<5		16	0.05	<1	<10
B665936	0.08	176	2	0.11	2	10	59	0.41	<5		16	0.05	1	<10
B665937	0.17	401	5	0.1	6	260	45	0.13	<5		31	0.18	18	<10
B665938	0.18	494	6	0.11	11	370	36	0.05	<5		36	0.23	24	10
B665939	0.07	220	9	0.11	1	10	54	0.32	<5		14	0.05	1	<10
B665940	0.16	410	5	0.14	5	260	44	0.08	<5		27	0.2	17	<10
B665941	0.07	122	10	0.14	1	10	51	0.68	<5		16	0.05	1	<10
B665942	0.25	518	3	0.3	7	350	39	0.03	<5		43	0.22	24	<10
B665943	0.2	537	5	0.19	9	440	38	0.04	<5		38	0.28	29	<10
B665944	0.06	224	4	0.11	<1	10	50	0.24	<5		15	0.05	<1	<10
B665945	0.08	212	6	0.08	1	20	55	0.3	<5		11	0.05	1	<10
B665946	0.06	298	4	0.12	7	20	45	0.14	<5		16	0.06	2	<10
B665947	0.13	507	4	0.1	7	160	38	0.02	<5		20	0.16	10	<10
B665948D	0.12	481	4	0.09	5	160	35	0.02	<5		20	0.15	10	10
B665949	0.06	173	4	0.1	3	40	52	0.48	<5		18	0.06	2	<10
B665950	0.03	196	3	0.09	2	20	45	0.45	<5		11	0.05	<1	<10
B665951	0.03	132	4	0.09	2	10	65	0.68	<5		12	0.05	<1	<10
B665952	0.32	84	3	0.1	20	300	27	0.01	111		88	0.23	87	10
B665953	0.08	189	2	1.33	4	160	26	0.01	<5		132	0.1	18	<10
B665954	0.02	111	4	0.08	1	20	63	0.57	<5		12	0.05	<1	<10
B665955	0.03	130	4	0.08	1	10	56	0.6	<5		10	0.05	1	<10
B665956	0.03	246	3	0.07	3	10	54	0.12	<5		9	0.05	5	<10
B665957	0.03	188	5	0.1	2	20	60	0.41	<5		13	0.05	2	<10
B665958	0.03	192	4	0.1	<1	20	75	0.27	<5		11	0.05	4	<10
B665959	0.08	608	4	0.09	5	200	86	0.19	<5		16	0.24	14	10
B665960	0.11	277	7	0.11	3	140	56	0.11	<5		21	0.12	8	<10
B665961	0.11	383	4	0.1	6	230	32	0.03	<5		35	0.21	13	<10
B665962	0.06	290	4	0.08	2	90	26	0.23	<5		17	0.13	4	<10
B665963	0.23	609	4	0.13	11	470	34	0.13	<5		50	0.33	35	<10
B665964	0.07	142	3	0.1	1	40	39	0.44	<5		17	0.06	4	<10
B665965	0.02	60	2	0.04	3	370	15	0.71	27		118	0.07	12	<10

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Sample No.	From (m)	To (m)	Width (m)	Recovery %	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
B665966	10.36	11.28	0.92	80	0.035	<0.5	6.05	52	80	3	<2	0.34	<0.5		1	5
B665967	11.28	12.19	0.91	90	0.017	<0.5	6.84	14	80	3.6	<2	0.23	<0.5	<1		3
B665968	12.19	13.72	1.53	100	0.01	<0.5	6.14	10	60	3.7	<2	0.2	<0.5		2	5
B665969	13.72	15.24	1.52	98	0.02	<0.5	5.77	39	70	3.1	<2	1.11	<0.5	<1		4
B665970	15.24	16.76	1.52	100	0.053	<0.5	5.49	94	70	3	<2	0.78	<0.5	<1		5
B665971	16.76	18.29	1.53	40	0.191	<0.5	5.87	325	80	3.1	<2	0.55	<0.5		1	3
B665972	18.29	19.81	1.52	92	0.118	<0.5	5.83	169	80	3.2	<2	0.42	<0.5	<1		3
B665973	19.81	20.57	0.76	90	0.045	<0.5	6.63	70	90	3.8	<2	0.43	<0.5		1	3
B665974	20.57	21.34	0.77	75	0.039	<0.5	6.38	58	80	3.5	<2	0.22	<0.5	<1		3
B665975	21.34	21.95	0.61	35	0.018	<0.5	5.97	38	70	3.2	<2	0.29	<0.5		1	3
B665976	21.95	23.47	1.52	100	0.045	<0.5	6.17	91	60	3.4	<2	0.27	<0.5		1	3
B665977	23.47	24.23	0.76	87	0.039	<0.5	5.93	77	80	3.5	<2	0.22	<0.5	<1		3
B665978	24.23	25.60	1.37	95	0.04	<0.5	6.29	55	80	3.6	<2	0.23	<0.5	<1		3
B665979	24.23	25.60	1.37	95	0.032	<0.5	6.39	54	80	3.7	<2	0.21	<0.5		1	4
B665980D	25.60	27.28	1.68	90	0.033	<0.5	6.24	61	50	3.5	<2	0.58	<0.5	<1		4
B665981	27.28	28.34	1.06	72	0.021	<0.5	6.63	31	90	4.1	<2	0.25	<0.5		1	3
B665982	STANDARD OREAS 6pb				1.455	<0.5	6.57	1145	660	5.4	<2	0.01	<0.5		4	195
B665983	Blank				<0.005	<0.5	6.64	9	640	1.8	<2	0.37	<0.5		3	8
B665984	28.34	28.96	0.62	100	0.008	<0.5	6.56	11	60	3.9	<2	0.18	<0.5	<1		3
B665985	28.96	30.48	1.52	95	0.011	<0.5	6.43	19	90	4	<2	0.36	<0.5		1	4
B665986	32.00	33.53	1.53	100	0.021	<0.5	6.41	25	110	3.5	<2	0.16	<0.5		1	4
B665987	33.53	35.05	1.52	90	0.021	<0.5	6.4	48	100	3.5	<2	0.08	<0.5	<1		3
B665988	35.05	36.58	1.53	100	0.02	<0.5	6.45	43	100	3.5	<2	0.23	<0.5		2	3
B665989	38.10	39.62	1.52	100	0.028	<0.5	6.57	68	90	4.5	<2	0.29	<0.5		1	4
B665990	39.62	41.15	1.53	100	0.036	<0.5	6.13	63	110	4.5	<2	0.24	<0.5		1	3
B665991	41.15	42.67	1.52	95	0.066	<0.5	6.25	154	90	4.9	<2	0.23	<0.5		1	4
B665992	44.20	45.72	1.52	81	0.043	<0.5	6.13	112	90	5.4	<2	0.26	<0.5		1	3
B665993	45.72	47.24	1.52	85	0.025	<0.5	6.49	67	60	5.7	<2	0.31	<0.5		1	4
B665994	47.24	48.77	1.53	72	0.058	<0.5	6.48	212	40	5.4	<2	0.45	<0.5	<1		3
B665995	48.77	50.29	1.52	95	0.019	<0.5	6.08	73	40	5	<2	0.17	<0.5		1	4
B665996	50.29	51.55	1.26	100	0.034	<0.5	5.77	112	70	3.9	<2	0.26	<0.5	<1		3
B665997	51.55	52.12	0.57	100	0.011	<0.5	6.14	13	250	3.5	<2	0.71	<0.5	<1		2
B665998	52.12	53.34	1.22	100	0.017	<0.5	6.25	19	300	3.3	<2	0.4	<0.5	<1		3
B665999	53.34	54.86	1.52	79	0.015	<0.5	6.38	16	310	3.4	<2	0.45	<0.5		1	3
B666000	56.39	57.91	1.52	100	0.016	<0.5	6.22	14	330	3.3	<2	0.24	<0.5		1	2
B666001	57.91	59.44	1.53	100	0.006	<0.5	5.74	12	240	3.2	<2	0.24	<0.5	<1		2
B666002	59.44	60.96	1.52	95	0.016	<0.5	6.45	<5	320	3.4	<2	0.49	<0.5	<1		3
B666003	62.32	63.86	1.54	93	0.007	<0.5	6.39	18	230	3.3		2	0.23	<0.5		1
B666004	63.86	65.38	1.52	79	0.027	<0.5	5.98	20	70	3.5		2	0.48	<0.5		1
B666005	65.38	66.60	1.22	100	0.01	<0.5	5.98	13	80	3.6		3	0.36	<0.5		1
B666006D	65.38	66.60	1.22	100	0.021	<0.5	5.97	36	80	3.6	<2		0.41	<0.5	<1	
B666007	66.60	67.06	0.46	75	0.014	<0.5	6.21	26	50	3.6	<2		0.27	<0.5		1
B666008	67.06	68.58	1.52	100	0.011	<0.5	6.1	17	70	3.8	<2		0.56	<0.5	<1	
B666009	68.58	70.10	1.52	100	0.03	<0.5	6.19	28	70	3.4	<2		0.26	<0.5	<1	
B666010	70.10	71.48	1.38	100	0.016	<0.5	5.63	15	180	2.9	<2		0.12	<0.5	<1	

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B666011	71.48	73.15	1.67	100	0.03	<0.5	6.3	30	330	3	2	0.11	<0.5	<1	5	7
B666012	73.15	74.68	1.53	100	0.008	<0.5	6.52	<5	390	3.2	2	0.2	<0.5	<1	4	3
B666013	74.68	76.20	1.52	100	0.036	0.5	6.48	36	310	3	6	0.09	<0.5	1	5	8
B666014	STANDARD OREAS 6pb				1.395	<0.5	7.01	1215	690	6	3	0.01	<0.5	3	223	41
B666015	Blank				<0.005	<0.5	6.84	12	640	1.8	<2	0.33	<0.5	1	10	12
B666016	76.20	77.72	1.52	80	0.021	<0.5	6.18	21	100	3.1	2	0.09	<0.5	<1	6	4
B666017	77.72	79.25	1.53	100	0.049	<0.5	5.39	39	60	2.9	<2	0.36	<0.5	<1	5	3
B666018	79.25	80.77	1.52	84	0.017	<0.5	6.04	14	240	3.1	<2	0.36	<0.5	<1	5	4
B666019	80.77	82.30	1.53	100	0.007	<0.5	5.9	<5	220	3.5	3	0.48	<0.5	<1	5	3
B666020	82.30	83.82	1.52	90	0.036	<0.5	5.48	17	210	3.4	2	0.51	<0.5	<1	7	3
B666021	83.82	85.34	1.52	89	0.027	<0.5	6.11	<5	480	3	2	0.21	<0.5	1	4	2
B666022	85.34	86.87	1.53	100	0.042	<0.5	5.92	13	330	3.4	2	0.38	<0.5	<1	4	4
B666023	86.87	88.39	1.52	100	0.007	<0.5	6.28	<5	240	3.4	<2	0.44	<0.5	<1	4	4
B666024	88.39	89.92	1.53	97	0.035	<0.5	5.87	<5	250	3.5	<2	0.54	<0.5	<1	4	4
B666025	89.92	91.44	1.52	100	<0.005	<0.5	6.84	9	430	3.4	<2	0.18	<0.5	<1	5	5
B666026	91.44	92.96	1.52	100	<0.005	<0.5	6.61	<5	330	3.6	<2	0.29	<0.5	<1	4	2
B666027	92.96	94.49	1.53	95	<0.005	<0.5	6.57	<5	390	3.4	<2	0.23	<0.5	<1	4	2
B666028	94.49	96.01	1.52	100	<0.005	<0.5	6.78	<5	400	3.3	2	0.18	<0.5	<1	4	3
B666029	97.54	98.76	1.22	65	<0.005	<0.5	6.17	<5	480	3	<2	0.53	<0.5	<1	3	4
B666030	99.52	100.58	1.06	97	<0.005	<0.5	6.46	<5	490	3.5	<2	0.81	<0.5	<1	4	3
B666031D	99.52	100.58	1.06	97	<0.005	<0.5	6.55	<5	500	3.5	<2	0.86	<0.5	<1	6	3
B666032	100.58	102.11	1.53	92	<0.005	<0.5	6.42	<5	580	3.3	2	0.71	0.5	<1	4	5
B666033	102.11	103.63	1.52	88	<0.005	<0.5	6.81	<5	660	3	<2	0.91	<0.5	<1	3	4
B666034	STANDARD OREAS 6pb				1.455	<0.5	7.01	1220	690	6.2	<2	0.01	<0.5	3	229	40
B666035	103.63	105.16	1.53	99	<0.005	<0.5	6.94	<5	600	2.8	<2	0.31	<0.5	<1	4	4
B666036	105.16	106.68	1.52	86	<0.005	<0.5	6.59	10	510	3.3	<2	0.82	<0.5	<1	4	4
B666037	108.20	109.58	1.38	95	<0.005	<0.5	6.24	<5	430	3.5	<2	0.89	<0.5	<1	4	4
B666038	Standard from discovery outcrop				0.897	3.8	2.26	356	170	12.2	<2	0.02	<0.5	<1	16	3
B666039	Blank				<0.005	<0.5	7.19	13	670	2	<2	0.41	<0.5	<1	6	13
B666040	109.59	111.25	1.66	100	<0.005	<0.5	6.47	15	480	3.2	14	0.63	<0.5	<1	4	4
B666041	112.78	114.30	1.52	100	<0.005	<0.5	6.12	<5	560	2.7	<2	0.79	<0.5	3	9	9
B666042	114.97	115.82	0.85	100	0.006	<0.5	6.33	<5	510	3.7	3	0.92	0.5	2	6	4
B666043	115.82	117.35	1.53	88	0.029	<0.5	6.37	28	640	3.5	<2	0.7	0.6	1	31	9
B666044	118.87	120.55	1.68	100	0.005	<0.5	6.01	5	490	3.5	<2	0.87	<0.5	1	5	6
B666045	120.55	121.92	1.37	73	0.006	<0.5	5.74	15	390	3.7	<2	1.26	<0.5	<1	6	4
B666046	121.92	122.90	0.98	85	0.005	<0.5	6.64	7	440	3.8	<2	1.24	<0.5	1	21	8
B666047	122.90	124.51	1.61	90	<0.005	<0.5	6.54	<5	440	3.4	<2	0.84	<0.5	1	4	6
B666048	124.51	125.58	1.07	85	0.006	<0.5	6.43	7	390	3.1	3	0.28	<0.5	1	25	6
B666049D	124.51	125.58	1.07	85	0.009	<0.5	6.51	<5	390	3.2	2	0.28	<0.5	1	4	7
B666050	125.58	126.80	1.22	90	0.007	<0.5	6.53	<5	310	3.4	3	0.8	0.5	1	28	6
B666051	126.80	127.86	1.06	75	0.009	<0.5	6.32	<5	380	3	3	0.3	<0.5	2	3	4
B666052	127.86	128.47	0.61	100	0.05	<0.5	5.82	21	190	3.5	<2	0.59	<0.5	1	25	3
B666053	128.47	129.54	1.07	12	0.018	<0.5	4.69	17	70	2.9	<2	0.16	<0.5	1	3	4
B666054	129.54	131.06	1.52	50	0.015	<0.5	5.73	8	120	3.8	2	0.15	<0.5	<1	23	2
B666055	131.06	131.98	0.92	24	0.084	<0.5	5.51	60	110	3.7	2	0.1	<0.5	1	9	4
B666056	132.59	133.20	0.61	66	0.01	<0.5	6.84	11	150	4.4	<2	0.17	<0.5	2	21	3

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B666057	133.20	134.11	0.91	65	0.01	<0.5	6.81	7	390	3.9	<2	0.66	<0.5	2	4	3
B666058	STANDARD OREAS 6pb				1.34	<0.5	7.24	1255	720	6.2	4	0.01	<0.5	4	221	47
B666059	Blank				<0.005	<0.5	7.18	8	660	2.1	<2	0.38	<0.5	2	28	14
B666060	134.11	135.03	0.92	68	0.015	<0.5	6.56	17	410	3.7	<2	0.29	<0.5	1	5	6
B666061	135.03	136.55	1.52	98	0.011	<0.5	6.96	8	390	4	2	0.65	<0.5	1	19	3
B666062	136.55	137.16	0.61	105	0.006	<0.5	7.07	7	410	3.9	<2	0.78	<0.5	<1	3	4
B666063	137.16	138.68	1.52	92	0.008	<0.5	6.56	7	400	3.4	5	0.79	<0.5	1	17	3
B666064	138.68	140.21	1.53	82	<0.005	<0.5	6.18	8	410	3.6	<2	1.2	<0.5	1	6	4
B666065	140.21	141.28	1.07	85	<0.005	<0.5	6.23	8	390	3.9	2	1.04	<0.5	2	18	3
B666066	141.28	142.34	1.06	84	<0.005	<0.5	6.3	<5	380	3.8	2	0.88	<0.5	1	4	3
B666067	142.34	143.26	0.92	100	0.005	<0.5	6.6	8	410	3.9	<2	1.13	<0.5	1	18	5
B666068	143.26	144.32	1.06	77	<0.005	<0.5	6.88	6	590	3.7	<2	0.94	<0.5	1	4	5
B666069	144.32	145.69	1.37	107	0.007	<0.5	6.82	8	680	3.1	<2	0.81	<0.5	1	15	4
B666070	146.30	147.83	1.53	90	0.005	<0.5	6.45	7	550	3	<2	0.72	<0.5	1	4	4
B666071	147.83	148.74	0.91	100	<0.005	<0.5	6.48	8	440	3.6	<2	0.77	<0.5	2	17	4
B666072	149.35	150.88	1.53	100	<0.005	<0.5	6.54	<5	360	3.8	<2	0.45	<0.5	1	3	3
B666073	150.88	152.40	1.52	100	<0.005	<0.5	6.45	<5	300	3.8	2	0.94	<0.5	1	17	3
B666074	153.92	155.45	1.53	100	<0.005	<0.5	6.19	<5	530	3.3	<2	0.85	<0.5	1	4	3
B666075	156.97	158.50	1.53	92	<0.005	<0.5	6.66	9	630	3	<2	0.89	<0.5	2	20	4
B666076	160.02	160.93	0.91	100	<0.005	<0.5	6.13	<5	330	3.7	2	0.52	<0.5	<1	3	3
B666077	161.54	163.07	1.53	100	<0.005	<0.5	6.45	<5	280	4	<2	0.64	0.5	<1	20	3
B666078	163.07	164.59	1.52	100	0.005	<0.5	7.11	<5	510	3.9	<2	1.17	<0.5	2	4	4
B666079	166.12	167.64	1.52	100	0.005	<0.5	6.8	8	580	2.9	<2	0.76	0.6	1	17	3
B666080	169.16	170.69	1.53	95	0.006	<0.5	6.19	6	410	3.5	3	0.61	<0.5	1	4	3
B666081	170.69	172.06	1.37	95	<0.005	<0.5	6.69	<5	470	3.8	<2	0.39	<0.5	<1	20	4
B666082	172.06	173.58	1.52	97	0.006	<0.5	6.69	<5	520	3.3	<2	0.62	0.8	<1	7	4
B666083	173.58	175.11	1.53	104	<0.005	<0.5	6.19	5	550	3	<2	0.81	0.7	<1	14	5
B666084	175.11	176.78	1.67	100	0.015	<0.5	6.61	<5	520	3.5	<2	0.59	0.5	<1	5	3
B666085	178.31	179.83	1.52	100	0.005	<0.5	6.83	<5	510	3.7	<2	0.4	0.5	<1	21	4
B666086	179.83	181.36	1.53	100	0.005	<0.5	6.85	5	580	3.1	<2	0.33	0.5	<1	8	4
B666087	181.36	182.88	1.52	100	0.005	<0.5	6.78	<5	670	2.6	<2	0.7	<0.5	<1	13	3
B666088	STANDARD OREAS 6pb				1.38	<0.5	6.98	1240	680	5.6	<2	0.01	<0.5	4	208	37
B666089	Blank				0.006	<0.5	7.11	8	610	1.9	<2	0.34	<0.5	3	9	12
B666090	184.40	185.93	1.53	77	0.014	<0.5	6.34	10	420	3.5	<2	0.53	<0.5	1	3	5
B666091	185.93	187.45	1.52	100	<0.005	<0.5	6.04	6	240	3.5	<2	0.42	<0.5	1	3	4
B666092	187.45	189.00	1.55	97	<0.005	<0.5	6.57	<5	420	3.3	<2	0.41	<0.5	1	2	5
B666093	189.00	190.50	1.50	85	<0.005	<0.5	6.8	<5	450	3.3	<2	0.57	<0.5	<1	2	4
B666094	190.50	192.00	1.50	46	0.032	<0.5	6.22	28	360	3.5	<2	0.1	<0.5	1	2	5
B666095	193.50	195.00	1.50	100	0.026	<0.5	6.45	16	430	3.6	<2	0.42	<0.5	1	2	4
B666096	195.00	196.60	1.60	95	<0.005	<0.5	6.38	5	450	3.4	<2	0.58	<0.5	1	2	4
B666097	196.60	198.10	1.50	97	<0.005	<0.5	6.2	<5	610	2.9	<2	0.79	<0.5	<1	4	4
B666098	198.10	199.60	1.50	100	0.005	<0.5	6.21	8	590	2.9	3	0.7	<0.5	1	4	4

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Sample No.	Fe %	Hg ppm	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm
B665966	1.79	0.03	2.59	0.06	260	3	0.03	4	100	25	0.02	<5	12	0.12	5	<10	87
B665967	1.94	0.02	2.88	0.06	367	3	0.02	1	90	28	0.04	<5	10	0.14	3	<10	89
B665968	1.65	0.03	3.1	0.05	211	2	0.02	2	70	21	0.08	<5	8	0.14	4	<10	91
B665969	1.66	0.03	2.55	0.05	285	2	0.02	<1	40	24	0.23	<5	9	0.11	3	<10	89
B665970	1.61	0.04	2.42	0.05	317	3	0.02	2	20	29	0.31	<5	7	0.11	2	<10	94
B665971	1.64	0.03	2.5	0.05	301	3	0.02	3	10	24	0.29	8	8	0.11	3	<10	79
B665972	1.66	0.03	2.52	0.05	289	3	0.02	1	<10	24	0.28	<5	9	0.11	2	<10	76
B665973	1.7	0.03	2.81	0.06	282	4	0.03	1	40	27	0.19	<5	12	0.14	3	<10	85
B665974	1.76	0.04	2.66	0.07	383	3	0.02	2	60	30	0.15	<5	11	0.12	3	<10	87
B665975	1.5	0.04	2.49	0.06	291	4	0.03	<1	40	27	0.19	<5	9	0.12	2	<10	80
B665976	1.64	0.04	2.65	0.06	306	3	0.02	2	50	26	0.13	<5	9	0.12	2	<10	83
B665977	1.6	0.04	2.59	0.06	298	2	0.02	<1	80	29	0.21	<5	9	0.13	2	<10	89
B665978	1.82	0.04	2.66	0.06	327	3	0.02	<1	90	37	0.27	<5	8	0.13	3	<10	106
B665979	1.77	0.05	2.72	0.06	324	4	0.02	<1	90	32	0.27	<5	8	0.13	3	<10	106
B665980D	1.72	0.05	2.63	0.06	299	3	0.02	2	80	34	0.27	<5	7	0.13	3	10	101
B665981	1.84	0.05	2.86	0.08	365	5	0.04	2	100	39	0.16	<5	17	0.14	4	<10	119
B665982	3.58	0.05	2.55	0.33	85	2	0.1	17	290	24	0.01	110	83	0.24	84	10	44
B665983	1.36	<0.01	4.2	0.08	177	1	1.7	5	150	24	0.01	<5	142	0.11	17	<10	34
B665984	1.35	0.03	2.97	0.08	279	2	0.04	2	90	46	0.04	<5	7	0.08	7	<10	78
B665985	1.2	0.05	3.12	0.07	242	1	0.04	2	90	51	0.07	<5	6	0.08	7	<10	82
B665986	1.22	0.07	3.14	0.06	216	<1	0.05	2	20	53	0.19	<5	7	0.08	6	<10	84
B665987	1.2	0.06	3.42	0.05	267	<1	0.04	1	20	47	0.11	<5	6	0.07	4	10	95
B665988	1.24	0.06	3.28	0.06	256	1	0.05	1	20	51	0.18	<5	5	0.08	6	<10	104
B665989	1.21	0.06	3.47	0.06	227	1	0.04	<1	30	57	0.14	<5	6	0.08	4	<10	83
B665990	1.15	0.07	3.31	0.05	217	1	0.04	1	10	50	0.19	<5	6	0.07	3	<10	76
B665991	1.2	0.08	2.99	0.06	238	1	0.03	3	10	48	0.12	5	6	0.07	4	<10	80
B665992	1.04	0.07	3.35	0.05	215	2	0.04	<1	10	45	0.15	<5	7	0.06	1	<10	76
B665993	1.24	0.05	3	0.05	264	2	0.03	1	10	49	0.11	6	6	0.07	2	<10	82
B665994	1.24	0.03	2.76	0.05	242	2	0.02	<1	20	47	0.13	<5	6	0.07	2	<10	86
B665995	1.2	0.01	2.63	0.05	224	1	0.02	2	20	47	0.08	<5	7	0.07	4	<10	76
B665996	1.14	0.05	2.54	0.05	218	1	0.02	<1	30	42	0.11	6	8	0.08	4	<10	79
B665997	1.67	0.04	3.58	0.05	325	3	0.04	2	90	29	0.16	<5	38	0.14	2	<10	93
B665998	1.91	0.04	3.83	0.05	382	3	0.05	<1	70	24	0.17	<5	18	0.14	2	<10	91
B665999	1.99	0.04	3.95	0.05	414	3	0.06	1	100	25	0.21	<5	14	0.14	2	10	98
B666000	1.88	0.04	3.97	0.05	352	2	0.06	1	90	24	0.19	<5	13	0.14	2	<10	92
B666001	1.67	0.06	3.25	0.05	323	4	0.05	1	90	30	0.14	<5	13	0.13	2	<10	106
B666002	2.1	0.05	3.68	0.06	443	4	0.06	2	110	68	0.11	<5	13	0.14	2	<10	101
B666003	1.99	0.06	3.38	0.06	413	3	0.05	<1	100	34	0.13	<5	11	0.14	2	<10	90
B666004	1.72	0.03	2.43	0.06	325	4	0.02	3	80	41	0.2	<5	20	0.13	2	<10	86
B666005	1.81	0.03	2.48	0.06	369	2	0.02	1	90	32	0.17	<5	13	0.13	2	10	77
B666006D	1.87	0.03	2.46	0.06	356	2	0.02	<1	80	30	0.27	<5	12	0.13	2	<10	79
B666007	1.97	0.03	2.46	0.06	415	2	0.02	2	110	33	0.2	<5	10	0.13	2	<10	86
B666008	1.83	0.03	2.5	0.06	381	3	0.02	3	100	30	0.12	<5	14	0.13	2	<10	79
B666009	1.96	0.03	2.39	0.07	409	4	0.03	<1	90	33	0.16	<5	11	0.13	2	<10	96
B666010	1.59	0.04	2.83	0.05	361	5	0.03	1	40	29	0.09	<5	9	0.12	2	<10	82

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B666011	1.93	0.04	3.52	0.06	387	3	0.06	3	50	33	0.22	<5	12	0.12	2	10	88
B666012	1.86	0.05	4.01	0.06	381	5	0.06	1	80	39	0.12	<5	13	0.14	2	<10	85
B666013	1.97	0.05	3.84	0.06	387	8	0.05	4	70	38	0.25	<5	11	0.13	2	<10	96
B666014	3.87	0.05	2.67	0.36	92	3	0.11	21	330	34	0.01	115	89	0.28	94	10	45
B666015	1.35	<0.01	4.03	0.1	178	2	1.5	2	170	29	0.01	<5	134	0.11	19	<10	24
B666016	2.03	0.04	2.53	0.07	432	14	0.02	3	60	31	0.1	<5	9	0.13	3	<10	80
B666017	1.73	0.03	2.12	0.06	302	10	0.02	4	40	31	0.3	5	10	0.12	2	<10	89
B666018	1.9	0.08	3.26	0.06	369	27	0.04	1	60	32	0.16	6	13	0.13	3	10	99
B666019	1.99	0.07	2.9	0.07	393	16	0.04	<1	110	35	0.09	9	17	0.13	3	10	99
B666020	1.86	0.06	2.66	0.06	388	4	0.04	2	30	49	0.12	7	16	0.12	2	<10	109
B666021	2.03	0.05	3.72	0.06	447	3	0.06	1	20	29	0.05	10	20	0.13	2	<10	82
B666022	1.84	0.06	3.19	0.06	405	6	0.04	4	40	31	0.07	12	25	0.13	2	<10	85
B666023	2	0.06	3.09	0.06	402	9	0.04	6	90	35	0.09	12	21	0.14	2	10	83
B666024	1.97	0.05	2.84	0.06	403	7	0.04	4	70	32	0.06	12	26	0.13	2	<10	78
B666025	2.23	0.05	4.18	0.06	448	2	0.07	11	120	35	0.11	13	30	0.15	3	<10	85
B666026	2.14	0.05	3.69	0.06	452	4	0.06	2	130	41	0.09	5	32	0.14	2	<10	99
B666027	2.28	0.06	3.97	0.06	512	3	0.07	2	120	37	0.08	<5	21	0.15	2	<10	100
B666028	2.3	0.05	4.15	0.06	503	3	0.07	5	130	34	0.07	<5	20	0.15	3	<10	96
B666029	2.11	0.06	4.26	0.05	456	3	0.08	4	110	36	0.06	<5	23	0.14	2	<10	91
B666030	2.16	0.06	4.33	0.05	451	6	0.08	4	140	32	0.1	<5	30	0.15	3	<10	89
B666031D	2.25	0.07	4.35	0.05	460	6	0.08	4	120	31	0.1	<5	30	0.15	2	<10	90
B666032	2.16	0.09	4.45	0.05	451	4	0.09	2	110	35	0.03	<5	28	0.15	2	<10	98
B666033	2.29	0.06	5.18	0.05	526	3	0.12	<1	130	41	0.07	5	29	0.15	2	<10	103
B666034	3.84	0.05	2.63	0.36	93	2	0.11	23	320	33	0.01	115	90	0.28	92	10	45
B666035	2.37	0.06	4.02	0.06	504	4	0.11	3	130	34	0.08	<5	21	0.15	3	<10	107
B666036	2.24	0.06	4.58	0.06	519	2	0.09	1	110	40	0.07	<5	25	0.15	2	<10	105
B666037	2.19	0.06	4.06	0.06	477	3	0.09	5	110	29	0.06	<5	28	0.14	2	<10	89
B666038	2.48	0.3	2.67	0.02	43	3	0.04	3	410	18	0.83	26	127	0.05	11	<10	7
B666039	1.44	<0.01	3.96	0.07	86	1	1.96	3	170	30	0.02	<5	163	0.11	15	<10	23
B666040	2.03	0.06	4.39	0.05	401	4	0.09	4	110	32	0.07	<5	24	0.14	3	<10	78
B666041	2		4.96	0.05	477	7	0.1	4	110	33	0.05	<5	24	0.14	3	<10	101
B666042	1.88		4.77	0.05	500	75	0.09	1	120	27	0.09	16	30	0.15	3	<10	114
B666043	1.93		4.75	0.05	446	158	0.1	10	130	50	0.5	47	30	0.15	3	10	161
B666044	1.9		4.54	0.05	502	10	0.08	1	110	27	0.15	7	27	0.14	3	<10	90
B666045	1.94		4.24	0.05	512	26	0.08	1	110	25	0.1	8	37	0.14	3	<10	94
B666046	2.18		4.42	0.06	527	13	0.09	5	120	25	0.09	6	35	0.16	3	<10	94
B666047	2.02		4.24	0.06	443	19	0.08	5	120	29	0.07	5	27	0.16	3	<10	101
B666048	1.96		4.16	0.07	403	8	0.07	4	110	28	0.11	5	18	0.15	3	<10	99
B666049D	2		4.25	0.07	398	9	0.07	6	120	25	0.11	<5	18	0.16	3	<10	99
B666050	2.16		3.97	0.08	433	6	0.06	9	110	33	0.12	8	17	0.15	3	<10	114
B666051	2.24		4.08	0.07	491	7	0.07	3	110	27	0.08	8	15	0.15	2	<10	97
B666052	2.02		3.1	0.08	437	10	0.05	2	100	23	0.23	8	18	0.14	3	10	93
B666053	1.39		1.92	0.06	301	8	0.02	4	40	15	0.07	7	12	0.1	2	<10	63
B666054	1.76		2.54	0.07	372	5	0.03	<1	100	20	0.1	7	13	0.14	2	<10	84
B666055	1.63		2.28	0.06	293	5	0.03	5	120	22	0.34	9	12	0.14	2	<10	86
B666056	2.1		3.22	0.07	477	3	0.04	2	120	27	0.14	<5	14	0.16	2	10	99

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B666057	2.18		4.04	0.06	459	3	0.07	4	130	29	0.12	6	15	0.17	3	10	94
B666058	3.84		2.76	0.36	95	3	0.11	20	320	37	0.02	123	92	0.29	91	10	57
B666059	1.51		4.12	0.11	125	4	1.6	4	180	25	0.01	<5	131	0.13	22	<10	28
B666060	2.21		4.17	0.07	454	3	0.08	2	130	26	0.16	11	16	0.16	2	<10	90
B666061	2.2		4.25	0.07	516	5	0.08	3	130	30	0.1	10	22	0.17	3	<10	114
B666062	2.26		4.3	0.07	523	5	0.1	2	130	31	0.09	9	26	0.17	3	<10	110
B666063	2.02		4.13	0.06	451	4	0.08	1	110	29	0.1	<5	23	0.15	2	10	102
B666064	2		4.34	0.07	473	3	0.08	2	110	25	0.06	<5	34	0.16	2	<10	100
B666065	1.88		4.03	0.07	455	4	0.09	3	120	23	0.07	5	30	0.15	2	<10	92
B666066	2.03		3.9	0.08	463	3	0.08	2	110	27	0.11	<5	28	0.15	2	<10	90
B666067	2.32		4.32	0.09	520	4	0.08	5	120	31	0.07	<5	35	0.16	3	<10	102
B666068	2.17		4.75	0.07	496	4	0.1	1	130	34	0.06	6	30	0.16	2	10	106
B666069	2.12		5.17	0.06	494	3	0.11	1	110	31	0.05	<5	28	0.16	2	<10	108
B666070	2.06		4.76	0.05	452	3	0.09	1	120	29	0.06	6	25	0.16	2	<10	96
B666071	2.03		4.33	0.06	462	3	0.09	2	130	23	0.06	<5	29	0.18	2	<10	97
B666072	2.05		4.02	0.06	445	3	0.08	1	110	25	0.06	9	22	0.16	1	<10	92
B666073	1.99		3.77	0.05	486	4	0.08	2	120	28	0.04	<5	29	0.16	2	<10	104
B666074	1.89		4.71	0.04	387	3	0.1	2	110	22	0.05	<5	28	0.15	2	<10	89
B666075	2.14		5.12	0.05	489	3	0.11	1	120	33	0.05	<5	32	0.16	2	<10	110
B666076	1.88		3.7	0.05	396	4	0.09	1	110	23	0.03	5	23	0.15	2	<10	88
B666077	1.93		3.31	0.05	389	4	0.1	2	110	30	0.06	<5	27	0.15	2	<10	91
B666078	2.34		4.97	0.05	528	4	0.12	1	120	29	0.06	<5	32	0.17	3	10	106
B666079	2.11		4.94	0.05	443	4	0.12	2	120	29	0.06	<5	25	0.16	2	<10	104
B666080	2.04		4.09	0.04	418	3	0.11	3	110	28	0.09	<5	23	0.15	2	<10	90
B666081	2.19		5.14	0.05	438	4	0.13	1	130	36	0.06	<5	23	0.19	3	<10	112
B666082	2.22		5.23	0.05	468	6	0.15	<1	120	42	0.06	<5	29	0.18	3	<10	128
B666083	2.01		4.98	0.04	424	3	0.13	1	110	44	0.05	<5	28	0.16	3	<10	128
B666084	2.1		4.82	0.05	415	3	0.13	2	120	30	0.05	<5	26	0.16	2	<10	98
B666085	2.21		4.95	0.05	466	3	0.13	2	120	39	0.07	<5	22	0.17	2	<10	108
B666086	2.31		5.18	0.05	507	4	0.13	2	130	34	0.06	<5	19	0.17	3	<10	114
B666087	2.08		5.2	0.04	477	3	0.14	<1	120	38	0.06	<5	24	0.14	1	<10	111
B666088	3.67		2.64	0.33	91	2	0.1	19	320	30	0.02	111	91	0.23	88	10	45
B666089	1.39		3.93	0.11	134	4	1.51	<1	170	26	0.01	<5	129	0.11	20	<10	23
B666090	2.07	0.04	4.32	0.06	414	1	0.13	1	100	31	0.08	5	22	0.15	3	<10	87
B666091	1.93	0.03	3.42	0.05	361	3	0.1	1	120	29	0.05	<5	18	0.15	2	10	84
B666092	2.13	0.03	4.41	0.05	452	3	0.12	<1	110	40	0.07	<5	19	0.15	2	<10	126
B666093	2.21	0.03	4.78	0.05	468	3	0.12	<1	130	32	0.09	<5	23	0.16	2	<10	105
B666094	1.96	0.06	3.99	0.05	369	1	0.1	3	110	28	0.12	<5	17	0.15	2	<10	98
B666095	2.08	0.14	4.44	0.05	410	1	0.12	1	110	26	0.09	<5	20	0.14	2	<10	93
B666096	2.02	0.05	4.64	0.05	427	2	0.12	1	110	30	0.03	6	23	0.15	2	<10	92
B666097	1.94	0.05	5.13	0.05	444	1	0.13	<1	120	36	0.03	<5	27	0.14	4	<10	110
B666098	1.88	0.04	4.95	0.04	415	1	0.13	<1	110	26	0.05	<5	26	0.14	3	<10	89

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Sample No.	From (m)	To (m)	Width (m)	Recovery %	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm
666099	6.10	7.60	1.50		0.021	<0.5	6	28	200	3.9	<2	0.58	<0.5	<1	7	12	1.04	
666100	7.60	8.20	0.60		0.015	<0.5	6.05	16	160	4.6	<2	0.58	<0.5	1	11	8	1.12	
666101	9.15	10.65	1.50		0.01	<0.5	6.07	18	170	4.7	<2	0.48	<0.5	<1	7	6	1	
666102	10.65	11.90	1.25		0.011	<0.5	6.21	18	180	4.6	<2	0.47	<0.5	<1	18	7	1.11	
666103	11.90	13.10	1.20		0.007	<0.5	6.26	<5	210	3.8	<2	0.53	<0.5	<1	8	6	1.04	
666104	13.10	14.60	1.50		0.018	<0.5	6.37	22	200	3.8	<2	0.62	<0.5	<1	11	8	1.08	
666105	14.60	15.25	0.65		0.014	<0.5	6.19	<5	200	4.4	<2	0.89	<0.5	1	8	7	1.34	
666106	15.25	16.75	1.50		0.015	<0.5	6.22	16	200	4	<2	0.42	<0.5	<1	4	8	1.09	
666107	16.75	18.00	1.25		0.021	<0.5	5.93	15	220	4.6	<2	0.54	2.4	<1	3	10	1.08	
666108	18.00	19.50	1.50		0.02	<0.5	5.91	25	250	3.5	<2	0.42	<0.5	<1	2	7	1.02	
666109	19.50	21.00	1.50		0.019	<0.5	5.96	8	340	3.9	<2	0.55	<0.5	<1	3	8	1.08	
666110	21.00	22.55	1.55		0.016	<0.5	6.11	20	340	4.1	<2	0.43	<0.5	<1	2	5	0.92	
666111	22.55	23.60	1.05		0.027	<0.5	5.67	19	340	3.9	<2	0.59	<0.5	<1	2	5	0.97	
666112	23.60	25.20	1.60		0.045	<0.5	6.09	46	350	4.9	<2	1.86	<0.5	2	11	16	1.78	
666113	Standard 6Pb				1.445	<0.5	6.37	1140	670	5.5	<2	0.01	<0.5	4	195	36	3.55	
666114	Blank				<0.005	<0.5	6.41	<5	610	1.9	<2	0.33	<0.5	<1	12	12	1.23	
666115	25.20	26.80	1.60		<0.005	<0.5	6.51	14	470	4.4	<2	2.25	<0.5	5	25	8	2.64	
666116	26.80	27.40	0.60		<0.005	<0.5	8.46	35	670	5.2	<2	2.63	<0.5	24	115	35	6.7	
666117	27.40	28.95	1.55		<0.005	<0.5	6.8	11	520	4.4	<2	1.68	<0.5	8	38	10	3.41	
666118	30.45	32.00	1.55		<0.005	<0.5	7.12	19	370	5	<2	2.74	<0.5	14	51	18	4.11	
666119	32.00	33.50	1.50		<0.005	<0.5	7.05	15	420	5.4	<2	4.77	<0.5	16	55	29	5.13	
666120	33.50	35.05	1.55		<0.005	<0.5	6.73	10	350	4.7	<2	2.91	<0.5	15	42	44	4.55	
666121	35.05	36.60	1.55		0.005	<0.5	6.54	7	330	3.8	<2	1.3	<0.5	3	17	6	2.13	
666122	36.60	38.10	1.50		<0.005	<0.5	6.74	7	580	4.3	<2	1.7	<0.5	4	17	9	2.24	
666123	38.10	39.60	1.50		<0.005	<0.5	6.55	43	270	4.7	<2	3.44	<0.5	17	65	12	4.84	
666124	41.15	42.70	1.55		<0.005	<0.5	6.72	15	350	4.1	<2	1.45	<0.5	10	40	15	3.56	
666125	42.70	43.80	1.10		<0.005	<0.5	6.43	<5	320	4.2	<2	2.11	<0.5	11	63	22	3.44	
666126	43.80	45.10	1.30		<0.005	<0.5	7.73	5	720	4.7	<2	4.18	<0.5	16	132	20	5.13	
666127	45.10	46.50	1.40		<0.005	<0.5	7.18	<5	460	4.3	<2	4.93	<0.5	15	113	22	4.67	
666128	46.50	47.25	0.75		<0.005	<0.5	9.25	7	530	7.7	<2	1.51	<0.5	20	158	10	5.98	
666129	47.25	48.75	1.50		0.006	<0.5	6.45	19	410	4.3	<2	1.42	<0.5	10	52	13	3.27	
666130	50.30	52.10	1.80		0.067	<0.5	5.99	170	190	6.6	<2	0.59	<0.5	1	11	6	1.42	
666131	52.10	53.35	1.25		0.101	<0.5	5.87	117	430	3.6	<2	0.64	<0.5	<1	6	5	1.66	
666132	53.35	54.85	1.50		0.026	<0.5	6.4	32	510	4	<2	1.09	<0.5	<1	4	6	1.74	
666133	54.85	55.50	0.65		0.043	<0.5	6.35	41	530	3.6	<2	0.33	<0.5	<1	2	6	1.31	
666134	55.50	57.00	1.50		0.008	<0.5	6.16	12	530	3.8	<2	0.86	<0.5	2	10	5	1.96	
666135	Standard 62Pa				9.63	17.6	6.46	12	320	0.6	<2	1.57	2.2	18	31	155	3.85	
666136	Blank				<0.005	<0.5	6.46	9	630	1.8	<2	0.34	<0.5	2	10	13	1.6	
666137	57.00	57.90	0.90		0.005	<0.5	7.3	69	540	5.4	<2	3.84	<0.5	23	89	16	6.65	
666138	59.40	60.95	1.55		<0.005	<0.5	6.89	54	160	4.7	<2	3.82	<0.5	26	94	12	6.63	
666139	62.50	63.80	1.30		<0.005	<0.5	6.03	<5	460	4.2	<2	2.23	<0.5	4	17	8	2.33	
666140	63.80	65.40	1.60		<0.005	<0.5	7.51	28	140	6.4	<2	3.59	<0.5	18	81	21	5.66	
666141	67.05	68.60	1.55		0.02	<0.5	5.86	22	510	4.5	<2	0.62	<0.5	2	11	12	1.6	
666142	68.60	70.10	1.50		0.023	<0.5	7.38	29	520	4.9	<2	0.72	<0.5	3	12	7	2.1	
666143	70.10	71.60	1.50		0.008	<0.5	7.41	12	640	4.4	<2	0.82	<0.5	3	12	13	2.31	
666144	73.15	74.65	1.50		0.018	<0.5	6.87	37	250	5.8	<2	0.9	<0.5	3	11	7	1.8	
666145	74.65	76.20	1.55		0.015	<0.5	6.98	16	230	5.7	<2	0.31	<0.5	2	6	9	1.6	
666146	76.20	77.70	1.50		<0.005	<0.5	6.84	18	260	5.3	2	0.82	<0.5	3	14	6	1.8	
666147	77.70	79.25	1.55		0.039	<0.5	6.73	58	300	5.2	<2	0.6	<0.5	<1	3	6	1.26	
666148	79.25	80.75	1.50		<0.005	<0.5	6.39	<5	430	4.1	<2	0.96	<0.5	3	12	7	2.17	

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Sample No.	From (m)	To (m)	Width (m)	Recovery %	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm
666149	82.30	83.80	1.50		0.019	<0.5	6.99	22	610	4	<2	1.01	<0.5	3	13	11	2.69	
666150	85.35	86.85	1.50		0.007	<0.5	6.69	22	500	4.2	<2	0.96	<0.5	3	9	9	2.07	
666151	86.85	88.40	1.55		<0.005	<0.5	6.73	12	420	4.5	<2	0.79	<0.5	5	16	5	2.87	
666152	89.90	91.45	1.55		0.016	<0.5	6.65	37	500	4.2	<2	0.51	<0.5	3	11	6	2.41	
666153	92.95	94.50	1.55		0.011	<0.5	6.23	14	440	3.7	<2	0.6	<0.5	<1	4	5	1.62	
666154	96.00	97.40	1.40		0.021	<0.5	6.88	23	660	4.1	<2	0.84	<0.5	1	4	11	1.98	
666155	99.05	100.60	1.55		0.057	<0.5	7.03	65	430	4.8	<2	0.72	<0.5	2	8	7	1.88	
666156	101.80	103.05	1.25		0.077	<0.5	7.21	136	770	4.5	<2	1.23	<0.5	2	8	14	2.48	
666157	103.05	103.80	0.75		0.012	<0.5	6.74	37	450	4.8	<2	2.39	<0.5	5	15	12	2.76	
666158	103.80	105.15	1.35		0.006	<0.5	6.59	33	140	7.3	2	3.3	<0.5	21	34	21	7.5	
666159	106.70	108.20	1.50		<0.005	<0.5	6.53	18	390	4.9	<2	1.12	<0.5	5	17	7	2.81	
666160	108.20	109.70	1.50		<0.005	<0.5	6.76	14	360	5.2	<2	1.19	<0.5	8	22	7	3.12	
666161	111.25	112.80	1.55		<0.005	<0.5	6.72	16	380	4.9	<2	1.28	<0.5	7	21	10	3.02	
666162 Standard 6Pb					1.395	<0.5	6.72	1180	650	5.6	<2	0.01	<0.5	5	198	39	3.61	
666163 Blank					<0.005	<0.5	7.28	<5	610	2	<2	0.36	<0.5	2	13	13	1.45	
666164	112.80	114.30	1.50		<0.005	<0.5	7.05	14	480	4.6	2	1	<0.5	2	10	5	1.97	
666165	114.30	115.80	1.50		0.014	<0.5	6.57	24	390	5.2	<2	0.9	<0.5	2	5	4	1.82	
666166	117.35	118.90	1.55		<0.005	<0.5	6.4	14	360	4.9	2	0.99	<0.5	6	18	8	3.09	
666167	118.90	120.40	1.50		<0.005	<0.5	6.14	23	300	5.1	<2	0.27	<0.5	4	15	7	2.16	
666168	121.90	123.40	1.50		0.006	<0.5	6.08	16	310	4.1	<2	1.34	<0.5	3	10	9	1.87	
666169	124.85	126.15	1.30		<0.005	<0.5	7.53	31	210	9.1	2	4.29	<0.5	26	110	19	6.88	
666170	126.15	127.85	1.70		<0.005	<0.5	6.4	11	470	4.8	<2	1.28	<0.5	2	10	8	2.02	
666171	129.50	131.00	1.50		<0.005	<0.5	6.14	20	420	4.8	2	0.85	<0.5	3	11	7	1.91	
666172	131.00	132.60	1.80		<0.005	<0.5	7.02	14	410	5.8	<2	0.69	<0.5	<1	5	4	1.3	
666173	132.60	134.10	1.50		<0.005	<0.5	6.7	23	390	5.3	<2	0.84	<0.5	4	9	8	2.01	
666174	134.10	135.60	1.50		0.009	<0.5	6.67	14	430	5.4	<2	0.79	<0.5	2	7	5	1.58	
666175	135.60	137.00	1.40		0.018	<0.5	6.69	34	430	6.3	<2	0.97	<0.5	7	15	10	2.85	
666176	137.00	138.50	1.50		0.023	<0.5	6.58	29	330	6.9	<2	1.31	<0.5	3	14	8	2.11	
666177	138.50	140.15	1.65		0.017	<0.5	6.71	40	320	5.9	2	0.44	<0.5	8	31	12	2.4	
666178	140.15	141.75	1.60		0.048	<0.5	6.71	61	240	6	<2	0.88	<0.5	6	18	12	2.86	
666179	141.75	143.25	1.50		<0.005	<0.5	6.99	25	460	4.9	<2	3.28	<0.5	14	53	10	4.74	
666180	143.25	144.80	1.55		<0.005	<0.5	6.61	<5	550	4.6	<2	2.34	<0.5	8	25	10	2.97	
666181	144.80	146.30	1.50		0.013	<0.5	7.23	42	500	5.3	<2	1.39	<0.5	12	26	14	4.04	
666182	146.30	147.80	1.50		0.005	<0.5	6.67	8	450	4.4	<2	1.92	<0.5	7	23	12	3.55	
666183 Standard 6Pb					1.44	<0.5	6.65	1275	680	6	<2	0.01	<0.5	4	209	40	3.8	
666184 Blank					<0.005	<0.5	6.43	17	620	1.6	<2	0.26	<0.5	1	5	9	1.15	
666185	147.80	149.35	1.55		<0.005	<0.5	6.56	23	520	4	<2	2.02	<0.5	8	23	12	3.27	
666186	150.90	152.40	1.50		0.007	<0.5	6	16	470	3.4	<2	1.42	<0.5	3	7	7	2.16	
666187	152.40	153.90	1.50		<0.005	<0.5	6.33	<5	450	3.9	<2	1.49	<0.5	4	14	8	2.81	
666188	155.45	157.00	1.55		0.025	<0.5	6.65	29	480	4	<2	3.4	<0.5	7	20	11	3.1	
666189	158.50	160.00	1.50		0.031	<0.5	6.29	30	460	4.2	<2	1.99	<0.5	7	21	14	2.79	
666190	160.00	161.55	1.55		0.007	<0.5	6.68	20	610	4.2	<2	2.6	<0.5	7	18	14	3.58	
666191	161.55	163.05	1.50		0.008	<0.5	7.12	29	400	5	2	2.1	<0.5	13	47	12	4.4	
666192	163.05	164.60	1.55		0.117	<0.5	5.55	114	360	5.1	<2	2.55	<0.5	6	17	10	2.01	
666193	164.60	166.10	1.50		0.135	<0.5	6.34	104	270	5.1	<2	4.31	<0.5	9	36	13	3.35	
666194	167.65	169.15	1.50		<0.005	<0.5	6.33	6	530	4.4	<2	2.28	<0.5	5	16	8	3.29	
666195	169.15	170.70	1.55		0.005	<0.5	6.34	12	430	4.4	<2	1.71	<0.5	5	18	8	2.72	
666196	172.20	173.75	1.55		0.012	<0.5	6.44	25	420	4.6	<2	1.59	<0.5	12	44	18	4.16	
666197	173.75	175.25	1.50		0.032	<0.5	6.04	26	400	4.3	<2	1.51	<0.5	5	17	9	2.55	
666198	175.25	176.80	1.55		0.012	<0.5	6.77	32	390	4.8	<2	1.79	<0.5	11	42	12	3.98	

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Sample No.	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm
666099	4.14	0.05	145	9	0.57	2	20	55	0.17	<5	17	0.04	1	<10	69
666100	3.65	0.06	182	7	0.73	12	10	50	0.13	<5	16	0.04	1	<10	88
666101	3.76	0.06	144	4	0.94	2	<10	51	0.14	<5	16	0.04	<1	<10	83
666102	3.73	0.07	169	5	0.72	7	10	49	0.13	<5	16	0.05	1	<10	89
666103	4.24	0.06	165	8	0.73	1	10	52	0.07	<5	17	0.04	<1	<10	80
666104	4.02	0.06	176	7	0.77	4	<10	50	0.1	<5	20	0.04	<1	<10	76
666105	4	0.09	258	10	0.68	<1	30	47	0.09	<5	17	0.07	4	<10	69
666106	3.91	0.05	192	3	0.71	4	10	52	0.19	<5	14	0.04	<1	10	73
666107	3.73	0.06	236	5	0.59	<1	30	46	0.19	<5	20	0.06	4	<10	97
666108	3.74	0.05	176	3	0.75	<1	10	49	0.14	<5	17	0.04	<1	<10	69
666109	4.03	0.07	172	5	0.71	<1	30	50	0.12	<5	20	0.05	1	<10	85
666110	3.72	0.08	128	4	0.5	1	20	48	0.1	<5	19	0.04	<1	<10	65
666111	3.52	0.14	148	4	0.28	<1	10	42	0.11	<5	35	0.04	<1	<10	64
666112	3.19	0.43	360	13	0.13	4	240	45	0.25	6	96	0.15	16	<10	79
666113	2.52	0.32	86	2	0.11	14	300	20	0.01	106	84	0.22	85	10	42
666114	3.87	0.08	109	2	1.52	<1	140	21	0.01	<5	124	0.1	18	<10	21
666115	3.14	0.59	624	17	0.84	10	520	21	0.03	<5	102	0.27	39	10	88
666116	3.92	1.2	993	<1	1.26	33	2350	9	0.14	<5	128	0.56	225	<10	96
666117	3.2	0.69	508	10	1.11	15	800	24	0.04	<5	112	0.39	54	10	99
666118	2.92	1.22	717	1	0.64	23	1020	21	0.04	<5	161	0.59	72	<10	99
666119	2.69	2.38	1025	<1	0.96	28	1730	7	0.16	<5	233	0.48	152	<10	78
666120	2.41	1.62	786	3	1.12	23	1160	17	0.04	<5	164	0.43	103	<10	84
666121	2.67	0.63	327	13	0.98	5	360	28	0.07	<5	107	0.22	29	<10	88
666122	3.23	0.82	413	22	1.15	6	430	31	0.05	<5	138	0.26	27	10	101
666123	2.37	1.8	838	2	1.06	34	1500	21	0.04	<5	204	0.69	91	10	97
666124	2.7	0.75	526	3	1.19	15	760	24	0.04	<5	144	0.43	55	10	91
666125	2.41	0.81	570	2	1.06	44	930	23	0.04	<5	197	0.44	58	10	89
666126	2.9	1.43	924	<1	1.92	18	1870	<2	0.06	<5	247	0.46	144	10	78
666127	2.21	2.14	1085	<1	2.11	21	1740	8	0.13	<5	268	0.42	140	10	70
666128	3.99	1.75	869	<1	1.15	28	2070	7	0.04	<5	137	0.61	140	10	92
666129	2.84	0.85	580	2	0.85	23	880	20	0.03	<5	104	0.35	71	<10	85
666130	2.79	0.32	207	12	0.11	1	180	46	0.18	<5	46	0.11	13	<10	62
666131	2.97	0.26	255	4	0.65	<1	100	29	0.34	<5	51	0.12	5	<10	84
666132	3.47	0.23	482	4	0.52	<1	100	28	0.19	<5	63	0.13	4	10	91
666133	3.66	0.21	215	7	0.92	<1	70	33	0.22	<5	41	0.1	2	<10	84
666134	3.37	0.42	414	6	0.76	<1	270	32	0.07	<5	73	0.18	17	<10	93
666135	2.65	1.04	846	24	0.81	16	630	36	1.08	<5	197	0.27	134	<10	106
666136	4.1	0.06	179	1	1.54	3	170	17	0.01	<5	135	0.11	19	10	40
666137	2.49	1.67	1145	<1	1.63	33	2540	5	0.05	<5	260	1.08	133	<10	107
666138	1.78	2.21	937	<1	1.79	37	2790	6	0.05	<5	202	1.17	144	10	111
666139	2.86	0.49	533	1	0.9	7	360	27	0.03	<5	117	0.27	32	10	86
666140	2.48	0.95	1040	<1	1.4	20	2200	3	0.08	<5	160	1.21	156	<10	113
666141	3.67	0.28	279	4	0.6	5	200	35	0.16	<5	53	0.14	16	<10	74
666142	4.25	0.38	437	15	0.81	5	270	64	0.13	<5	61	0.19	21	<10	103
666143	4.49	0.36	452	19	0.96	7	300	56	0.07	<5	71	0.21	18	<10	114
666144	3.48	0.34	299	6	0.54	5	230	50	0.16	<5	51	0.15	20	<10	87
666145	3.47	0.31	247	6	0.43	2	140	66	0.15	<5	30	0.11	12	<10	126
666146	3.42	0.35	340	6	0.61	8	240	60	0.03	<5	46	0.17	23	<10	97
666147	3.96	0.23	214	7	0.4	<1	50	61	0.35	<5	36	0.07	3	<10	97
666148	3.72	0.3	405	4	0.83	3	320	38	0.03	<5	61	0.2	20	<10	93

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Sample No.	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm
666149	4.14	0.34	713	5	0.68	4	420	44	0.13	7	68	0.23	22	10	115
666150	4.22	0.3	501	6	0.38	3	380	41	0.06	7	59	0.2	19	<10	102
666151	3.72	0.33	593	7	0.58	7	730	40	0.02	<5	56	0.32	34	<10	104
666152	4.31	0.26	483	9	0.47	5	500	37	0.11	<5	47	0.23	22	10	104
666153	4.12	0.19	427	9	0.12	1	100	42	0.09	<5	51	0.11	3	<10	86
666154	4.84	0.27	770	27	0.27	<1	150	39	0.12	<5	63	0.14	7	10	103
666155	3.69	0.37	403	7	0.3	2	280	48	0.25	<5	57	0.17	14	<10	89
666156	4.68	0.35	461	6	0.64	3	340	41	0.3	7	68	0.22	13	10	112
666157	3.58	0.61	699	9	0.28	10	660	38	0.07	<5	135	0.3	36	<10	82
666158	2.58	1.41	1400	2	0.15	25	4020	24	0.08	5	176	1.19	138	10	124
666159	3.54	0.48	543	6	0.53	5	800	42	0.04	<5	71	0.33	38	<10	101
666160	3.65	0.52	606	8	0.53	10	790	46	0.05	<5	72	0.35	44	10	107
666161	3.82	0.47	612	6	0.64	8	790	46	0.05	<5	73	0.37	44	10	99
666162	2.63	0.32	87	2	0.1	21	320	33	0.01	108	85	0.23	88	10	45
666163	3.9	0.11	149	2	1.59	1	200	33	0.01	<5	130	0.11	21	<10	26
666164	4.59	0.36	473	9	0.56	4	360	53	0.02	<5	60	0.19	17	<10	95
666165	4.23	0.31	382	14	0.76	<1	380	50	0.14	7	56	0.15	27	<10	97
666166	3.64	0.48	567	6	0.59	8	740	41	0.03	<5	71	0.34	37	10	102
666167	3.33	0.37	382	7	0.22	7	480	39	0.03	<5	58	0.25	27	<10	95
666168	3.67	0.34	370	2	0.75	4	340	46	0.09	<5	68	0.18	18	10	108
666169	2.83	1.65	1165	1	0.81	44	3060	16	0.1	7	171	1.14	152	<10	108
666170	4.41	0.38	408	5	0.7	5	330	45	0.04	<5	80	0.18	19	10	83
666171	4.45	0.29	386	4	0.65	1	300	48	0.06	<5	56	0.2	18	<10	99
666172	4.94	0.27	276	7	0.49	2	120	59	0.03	5	43	0.09	7	<10	96
666173	4.37	0.34	357	5	0.55	5	420	48	0.02	<5	58	0.22	25	10	94
666174	4.63	0.3	313	6	0.46	2	230	58	0.05	<5	58	0.13	13	<10	99
666175	3.78	0.43	531	4	0.32	5	1000	35	0.07	<5	99	0.32	56	<10	98
666176	3.4	0.44	534	5	0.2	7	490	43	0.12	5	93	0.26	25	10	106
666177	3	0.56	376	4	0.14	13	710	30	0.13	<5	64	0.34	56	<10	107
666178	3.18	0.65	498	6	0.21	13	630	33	0.2	<5	75	0.32	39	<10	102
666179	3.45	1.23	772	3	1.08	26	1530	25	0.04	<5	157	0.71	69	10	115
666180	4.24	0.69	644	3	0.78	13	660	32	0.08	5	104	0.36	43	<10	102
666181	3.83	0.8	755	5	0.63	19	1000	25	0.05	<5	98	0.54	65	10	111
666182	3.56	0.73	635	6	0.74	15	680	29	0.04	<5	87	0.35	48	<10	99
666183	2.6	0.34	90	3	0.11	20	320	24	0.01	111	89	0.27	88	20	46
666184	3.92	0.07	90	2	1.86	3	160	17	0.01	<5	145	0.11	13	<10	19
666185	3.68	0.69	652	5	1.04	17	820	26	0.05	<5	109	0.41	49	<10	93
666186	3.38	0.44	440	5	1.04	7	300	30	0.05	<5	78	0.18	20	<10	85
666187	3.18	0.51	572	4	0.96	9	570	38	0.03	<5	74	0.25	31	10	99
666188	3.6	0.61	515	3	1.09	15	660	23	0.12	<5	81	0.37	41	10	93
666189	3.4	0.71	534	4	0.75	13	640	27	0.14	<5	88	0.32	45	<10	88
666190	4.11	0.78	760	5	0.81	17	730	26	0.06	<5	109	0.37	47	10	96
666191	3.47	0.89	793	3	0.92	21	1520	19	0.07	<5	99	0.64	72	<10	102
666192	3.35	0.44	291	5	0.29	8	510	27	0.44	<5	119	0.25	30	<10	63
666193	3.05	0.7	558	5	0.53	18	1000	22	0.3	<5	94	0.48	55	20	89
666194	3.85	0.66	684	4	0.84	10	620	31	0.04	<5	106	0.33	38	<10	100
666195	3.3	0.62	516	5	0.84	13	610	32	0.05	<5	93	0.29	38	<10	90
666196	3.23	0.79	674	4	1.05	20	1300	25	0.11	<5	114	0.56	70	<10	104
666197	2.95	0.53	550	4	0.78	10	480	25	0.17	<5	96	0.27	31	<10	89
666198	3.05	0.8	812	3	1.1	18	1040	25	0.08	<5	98	0.55	64	10	95