



## ASSESSMENT REPORT TITLE PAGE AND SUMMARY

**TITLE OF REPORT:** Report on 2010 Diamond Drilling at the Engineer Mine

**TOTAL COST:** \$411,390.50

**AUTHOR(S):** Bruce Coates

**SIGNATURE(S):**

**NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):** MX-1-767(0101107) 15/05/2010–15/10/2010

**STATEMENT OF WORK EVENT NUMBER(S)/DATE(S):** #4781645 21/06/2010

and #4806501 15/05/2010 – 10/19/2010

**YEAR OF WORK:** 2010

**PROPERTY NAME:** Engineer

**CLAIM NAME(S) (on which work was done):**

Northern Partnership No. 2 (Crown Grant , PIN# 009-731-946, District Lot #20)

Erik Claim (538598)

**COMMODITIES SOUGHT:** Au, Ag

**MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:** Engineer Mine: 104M 014

**MINING DIVISION:** Atlin Mining Division

**NTS / BCGS:** 104M/08, 104M 049

**LATITUDE:** 59 ° 29 ' "

**LONGITUDE:** 134 ° 14 ' " (at centre of work)

**UTM Zone:** NAD 83, Zone 8 **EASTING:** 543,000 **NORTHING:** 6,594,100

**OWNER(S):** Northern Partnership No. 2: Engineer Mining Corp.

Eric Claim: BCGold Corporation

**MAILING ADDRESS:** Eric Claim: BCGold Corp. (see below)

Northern Partnership No.2: Engineer Mining Corp. 117 Platinum Rd., Whitehorse, YT, Y1A 5M3

**OPERATOR(S) [who paid for the work]:**

BCGold Corporation

**MAILING ADDRESS:**

1400–625 Howe St., Vancouver, BC, V6C 2T6

**REPORT KEYWORDS** (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. **Do not use abbreviations or codes**)

Labarge Group, Sloko Volcanics, Eocene, Gold, Vein, Shear, Roscoelite, Allemontite

**REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:**

Smit, Hans (1988), Diamond Drilling Report on the Engineer Property (AR# 17,253)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)				ON WHICH CLAIMS		PROJECT COSTS APPORTIONED (incl. support)	
GEOLOGICAL (scale, area)								
Ground, mapping								
Photo interpretation								
GEOPHYSICAL (line-kilometres)								
Ground								
Magnetic								
Electromagnetic								
Induced Polarization								
Radiometric								
Seismic								
Other								
Airborne								
GEOCHEMICAL (number of samples analysed for ...)								
Soil								
Silt								
Rock								
Other								
DRILLING (total metres, number of holes, size, storage location)								
Core	1,218 meters	13	HQ	At site camp	Northern Partnership	No. 2	\$359,476.00	
Non-core								
RELATED TECHNICAL								
Sampling / Assaying	176	ICP MS or AES	Fire Assay Au		Northern Partnership	No. 2	\$7,832.00	
Petrographic								
Mineralographic								
Metallurgic								
PROSPECTING (scale/area)								
				0.6 Ha	1:50,000	Erik Claim	538598	\$1,100.00
PREPATORY / PHYSICAL								
Line/grid (km)								
Topo/Photogrammetric (scale, area)								
Legal Surveys (scale, area)	100 m of drift				Northern Partnership	No. 2	\$4,352.50	
Road, local access (km)/trail								
Trench (number/metres)								
Underground development (metres)	~5 meters - drill cut out				Northern Partnership	No. 2		
Other	Removing waste				Northern Partnership	No. 2	\$38,630.00	
						<b>TOTAL COST</b>	<b>\$411,390.50</b>	

REPORT ON THE  
2010 UNDERGROUND DIAMOND DRILLING PROGRAM

AT THE  
ENGINEER MINE PROPERTY  
TAGISH LAKE AREA  
ATLIN MINING DIVISION  
BRITISH COLUMBIA

**BC Geological Survey  
Assessment Report  
31909**

LOCATED: 59° 29' N, 134° 14' W

NTS 104M/08 & 09

FOR: BCGOLD CORPORATION

1400–625 Howe St.

Vancouver, BC, V6C 2T6

BY: Bruce Coates, B.Sc. P. Geo.

WORK PERFORMED: May 15<sup>th</sup> – October 19<sup>th</sup>, 2010

REPORT DATE: December 31, 2010

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## **SUMMARY**

The Engineer Mine Property consists of six claims and six crown grants under option to BCGold Corporation. The property is situated 32 km west of Atlin in the northwest corner of B.C. on the west slopes of Engineer Mountain at the south end of Tagish Lake. It covers the underground workings of the Old Engineer Mine and several other small nearby gold prospects. Historically, the discovery of the Engineer Mine dates back to 1899, and up to the present has been the most important auriferous vein occurrence in the region. Production records are incomplete, but show mining operations between 1913 to 1918 and 1925 to 1927 produced 560 kg gold (18,000 oz) and 280 kg silver (9,000 oz) for an average recovered grade of 36.00 g/t gold and 17.90 g/t silver, presumably from visually selected ore. Currently the mine has 8 levels at 100 foot intervals. Level 5 is the main level, connecting all of the workings by a main crosscut, and by track to the main adit near the old mill next to the lake. Below this, levels 6, 7 and 8 are presently flooded. Total underground workings are estimated to be 7,000 m in length, with levels 5 to 8 estimated to comprise 4,000 m.

The terrain varies from moderate in the valley bottom to quite rough with steep slopes and cliffs. Access is by helicopter or float plane from Atlin, or boat/barge from Carcross or Tagish, located 80 km north. The property is located 150 km south of Whitehorse, the main supply center for the region.

Geologically the property lies within the Whitehorse Trough, a north northwest trending, fault bounded synclinorium of fore arc volcanic and related sedimentary rocks including argillites, and siltstones belonging to the Labarge Group. The Llewellyn Fault Zone is inferred to underlie Tagish Lake just to the west of the property. This major terrane-bounding structure has a protracted history (Triassic to early Eocene), and several splays from it cross the property creating a right-lateral releasing bend with the dilational zone spatially coincident with a cluster of known gold occurrences including the Engineer Mine veins. Immediately west of the Llewellyn fault lie metamorphosed Paleozoic epicontinental rocks intruded by the late Cretaceous and Tertiary Coast Plutonic Complex. Eocene intrusions and volcanic complexes of the Sloko Group occur throughout the area on both sides of the Llewellyn Fault and often show a spatial association with gold mineralization. One of these complexes caps Engineer Mountain on the eastern side of the property. A suite of dikes, likely of Sloko age, occurs on the property occupying brittle faults mostly parallel to, and within, NNW oriented shear zones, but also NNE oriented quartz-carbonate veins. Although all are classified as monzodiorites they vary substantially in igneous texture and associated alteration. Earlier dikes are medium grained equigranular biotite-augite porphyritic with carbonate-pyrrhotite alteration. Later dikes are fine grained with variable plagioclase phenocrysts, and increasing clay/sericite alteration.

Structurally Shear Zone A is the dominant element on the property, and is inferred to be a splay off the Llewellyn Fault. Early (Jurassic?) mostly ductile deformation consists of a 150 m wide zone of



strong shear parallel cleavage. A younger mostly brittle reactivation of Shear Zone A, which deforms “Sloko” dikes, consists of a 40 m wide quartz/carbonate sheared breccia zone which was the target of the 2008 drilling. Reidel and extension structures compatible with the late shearing opened up vein systems of varying mineralogy. As with the later Shear Zone A deformation some of these also crosscut or contain clasts of dike rock.

The Engineer and Double Decker Veins are the largest veins on the property (up to 400 m long) and most of the historic production was obtained from them. They are also probably the longest lived veins, with the most complex mineralogy. They occur south of the Shear Zone A and display both shear vein (banded) and extension vein (open space) textures, as well as abundant multi-phase breccia. Pale green or white mica is common in these veins as well. Highest gold grades in the Engineer vein are found where native gold/electrum occurs with roscoelite (a dark green vanadium mica), and alledmontite (a native stib-arsenide) for example in the “bonanza shoot” on the Engineer vein just east of the main crosscut.

The 2010 work consisted of drilling thirteen HQ diamond drill holes (1,218 meters), in two phases, from two underground drill bays located on 5 level. From the first drill bay (the old hoist room) four holes targeted the Double Decker vein on 8 level in an area where 1928 reports indicated 84.35 g/t gold were drifted on over the mined width of the drift for a 10.0 m distance along the drift. An additional three holes drilled from the same drill bay targeted the Engineer vein at very low angles. The remaining 6 drillholes were drilled from a second drill bay located a further 30 m along the main crosscut. These holes all targeted the Engineer vein down dip below the “bonanza shoot” between 5 and seven level where previous sampling had indicated sporadic high grades. All of this work was done within the Crown Grant named Northern Partnership #2 (Lease-20). In addition to the drilling, one day of prospecting was done during the program on the Erik Claim (538598).

The first of the Double Decker vein drillholes intersected 22.32 g/t gold and 17.56 g/t silver over 0.96 m core length at a distance of 20 m below the drift; the deepest gold bearing sample in the mine. The second Double Decker vein hole broke through into an old stope, and the third and fourth Double Decker vein drillholes intersected the vein where expected at 25 m, and 15 m above the drift but contained only geochemically anomalous gold values. All four of the Double Decker drill holes also penetrated the Engineer vein, below an underhand stope. At this location it consists of quartz carbonate stringers and one of these contained 9.45 g/t gold and 18.5 g/t silver over a width of 0.45 m but the remaining three holes contained only geochemically anomalous grades.

The remaining 9 drillholes targeted the Engineer vein directly; three at a low angle from drill bay #1, and six from drill bay #2. The most significant intersection was contained in drillhole BCGE-10-11 of 1.0 m @ 129.0 g/t gold, and 121.6 g/t silver, with the highest values associated with roscoelite, arsenopyrite and stibnite in a shear. The remaining holes intersected geochemically anomalous values of gold and silver in veins of quite predictable morphology and mineralogy.



The 2010 underground diamond drilling at Engineer Mine demonstrated that the Engineer and Double Decker veins are continuous structures along strike and dip that host shoots and pockets of erratically distributed high-grade, multi-ounce gold and silver mineralization, outside of previously mined areas. It also substantiated the gold and silver grades of the 1928 historic chip and channel samples. The erratic distribution of gold values in drill core but with a consistent vein mineralogy and morphology is a manifestation of the “nugget effect”, often present in narrow vein, and high-grade gold systems. Bulk sampling will be essential to obtain more realistic estimates of gold grades.

Future work should include a detailed statistical evaluation of the entire database with compilation and incorporation of all data relevant to the new Guardsman claims. In the field, a program of mapping, rock sampling and hand auger soil sampling is recommended over the newly acquired claims with follow up by trenching where possible. Further underground drilling should focus on the Engineer vein below 5 level. From Drill Bay #1 test down dip and along strike slightly to the southwest between 5 and 6 levels. From Drill Bay #2 test along strike in both directions from the section tested by the 2010 program, particularly at the 650 m elevation. This work could be done concurrently with dewatering of the mine to 6 level to access an area of previous stoping for a bulk sample below the target from Drill Bay #1.





**REPORT ON THE**  
**2010 UNDERGROUND DIAMOND DRILLING PROGRAM**  
**AT THE**  
**ENGINEER MINE PROPERTY**  
**TAGISH LAKE AREA**  
**ATLIN MINING DIVISION**  
**BRITISH COLUMBIA**

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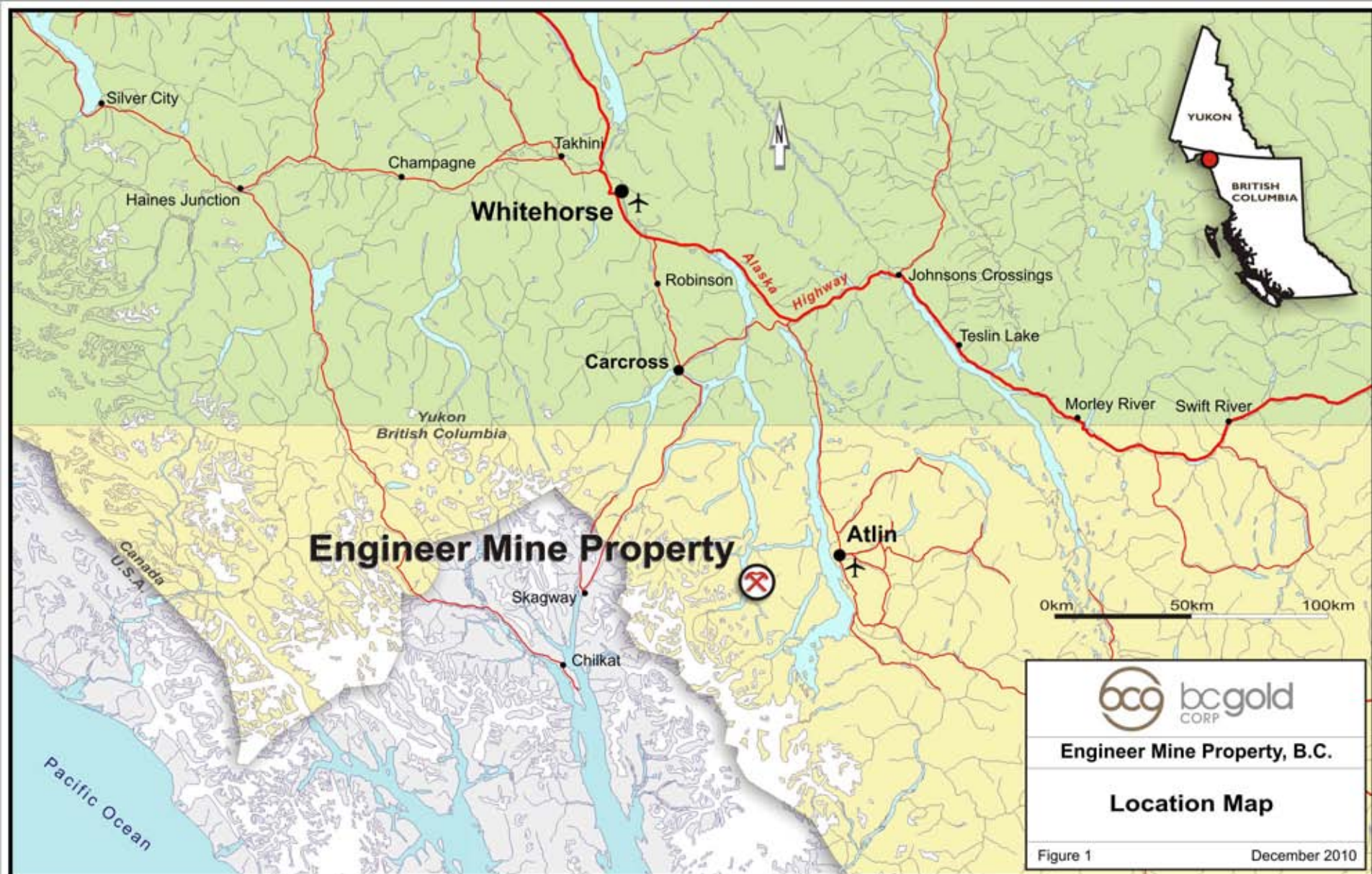
**Introduction**

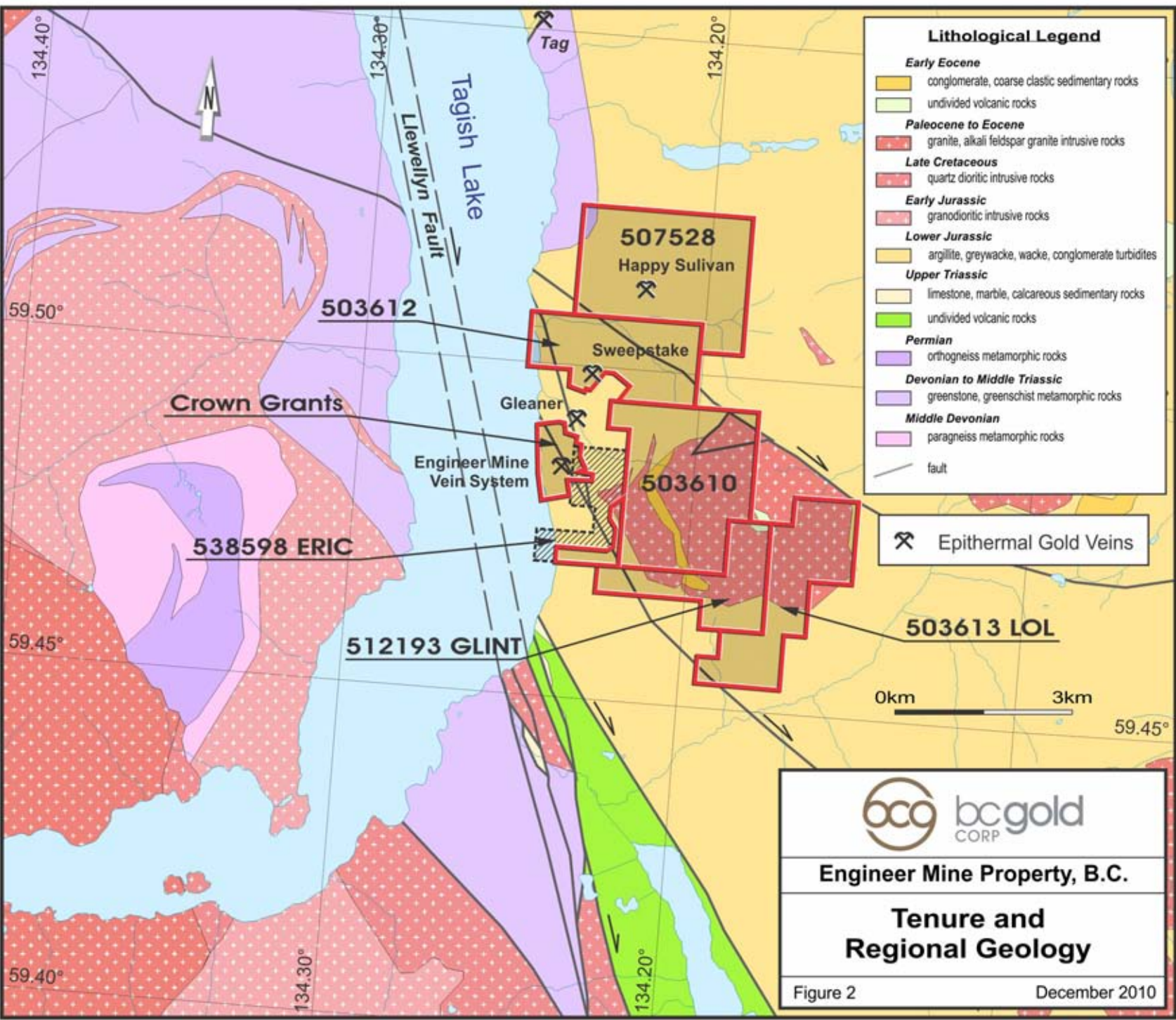
This report discusses a two phase diamond drilling program, as well as some prospecting, carried out on the Engineer Mine Property by BCGold Corporation (BCGold), during the months of May to October of 2010. The property is located 32 km west of Atlin, on Tagish Lake. It consists of 6 Crown Grants and one claim owned by Engineer Mining Corp. (EMC) under option to BCGold, and five larger surrounding claims under option to BCGold by Guardsman Resources, but with title held by BCGold for the duration of the option. The property encompasses the workings of the old Engineer Mine, and all of the drilling work in both phases took place from two underground drill bays located on 5 level, within the Crown Grant named Northern Partnership #2 (Lease-20). This work involved drilling of thirteen HQ diamond drill holes (1,218 meters) by Lyncorp Drilling Ltd. of Smithers, BC, under the supervision of Bruce Coates, B.Sc., P. Geo., the author of this report. In addition to the drilling, one day of prospecting was done during the program on the Erik Claim.

**Location, Access, Climate, Infrastructure and Physiography**

The Engineer Mine Property (the property) is located 32 km west of Atlin in northwestern BC (Figure 1), on the east shore of the Taku Arm of Tagish Lake. It covers part of the western slopes of Gleaner and Engineer Mountains. Geographical coordinates for the center of the property are 59° 29' north latitude, and 134° 14' west longitude. Approximate UTM coordinates for the center of the drilling program are 6,594,100N and 543,000E (NAD 83, Zone 8). The NTS index is 104/M8 and M9, and the BCGS index is 104M 049.







**Lithological Legend**

- Early Eocene**
  - conglomerate, coarse clastic sedimentary rocks
  - undivided volcanic rocks
- Paleocene to Eocene**
  - granite, alkali feldspar granite intrusive rocks
- Late Cretaceous**
  - quartz dioritic intrusive rocks
- Early Jurassic**
  - granodioritic intrusive rocks
- Lower Jurassic**
  - argillite, greywacke, wacke, conglomerate turbidites
- Upper Triassic**
  - limestone, marble, calcareous sedimentary rocks
  - undivided volcanic rocks
- Permian**
  - orthogneiss metamorphic rocks
- Devonian to Middle Triassic**
  - greenstone, greenschist metamorphic rocks
- Middle Devonian**
  - paragneiss metamorphic rocks
- fault

Epithermal Gold Veins

0km 3km

**Engineer Mine Property, B.C.**

**Tenure and Regional Geology**

Figure 2 December 2010

Access to the property from Atlin is by helicopter or float plane. Service by high speed landing craft can be obtained via the community of Tagish, (75 km north), or by barge from Carcross (100 km northwest). During the course of the 2010 program, all of these modes of access were utilized. Beyond each of these towns, excellent highways connect to Watson Lake, Skagway, or Whitehorse, the main supply center of the region.

The climate in the area is typical of northwestern B.C., with long, cold winters and short, cool summers. Due to proximity to the Boundary Ranges, the Engineer property is strongly influenced by coastal weather systems and higher precipitation patterns. Heavy snow falls in winter, and Tagish Lake usually freezes over in winter, but generally not sufficiently for ice road construction. On most days of the summer Tagish Lake becomes windy and rough enough by mid-morning to be dangerous to small boats and float planes trying to land at the unprotected dock near camp.

Topography varies from 655 m at lake level up to 2300 m elevation on Gleaner and Engineer peaks just east of the mine and within the Boundary Ranges to the south and southwest. Alpine glaciers are abundant in the latter which drain into Atlin and Tagish Lakes. These provide an enormous headwater reservoir for the Yukon River which is dammed at Whitehorse causing the lakes to fluctuate about 10 feet through the season. Tree line elevation varies between 1,100 m and 1,400 m elevation. Lower slopes contain variable pine, aspen and balsam.

### **Property Tenure**

The Engineer Mine property consists of 6 crown grants and six surrounding claims (Table 1, Figure 2). The Eric claim and six crown grants are owned by Engineer Mining Corporation with offices at 117 Platinum Rd. in Whitehorse (B.C. Client ID #141303, FMC #100042221) and were optioned to BCGold (Client ID # 204886, FMC #110081397) in an agreement (since amended several times) dated January 16<sup>th</sup>, 2007. Five claims, not including the Erik Claim, were optioned to BCGold by Guardsmen Resources during the 2010 program in an agreement dated September 30<sup>th</sup>, 2010. Full title to these claims has been transferred to BCGold for the duration of the option. The 8 cells of the Eric claim bridge between the crown grants and the other cell claims maintaining contiguity. All claims and crown grants are located in the Atlin Mining Division on Map Sheets 104/M08 or 104/M09, and expiry dates include the work reported on here. Data from B.C. Mineral Titles Online Website, and Diane Gregory, P. Geo., at The Claim Group Inc., 3330 McGuire Way, Ladysmith, B.C.



**Table I – Property Tenure**

<b>Claim #</b>	<b>Claim Name</b>	<b>Cells</b>	<b>Area (HA)</b>	<b>Expiry</b>	<b>Annual Work Due</b>	<b>Annual Fees Due</b>	<b>Record Date</b>
<u>Cell Claims:</u>							
538598	ERIK	8	131.546	2020/aug/03	\$1,052.37	\$52.62	2006/aug/03
503610		35	575.420	2020/Nov/17	\$4,603.36	\$230.17	2005/Jan/15
503612		22	361.500	2020/Nov/17	\$2,892.00	\$144.60	2005/Jan/15
503613	LOL	22	361.860	2020/Nov/17	\$2,894.88	\$144.74	2005/Jan/15
507528		34	558.450	2020/Nov/17	\$4,467.60	\$223.38	2005/Feb/19
512193	GLINT	15	246.71	2020/Nov/17	\$1,973.68	\$98.68	2005/May/06
	Total:	137	2,235.486		\$16,831.52	\$841.58	
<u>Crown Grants:</u>							
19	Engineer #1		19.830	2011/Jul/02			1912/Nov/28
20	North Partnership #2		18.454	2011/Jul/02			1912/Mar/28
106	North Partnership #3		13.597	2011/Jul/02			1911/Sep/07
209	North Partnership #4		5.900	2011/Jul/02			1913/Sep/18
918	North Partnership #1		18.397	2011/Jul/02			1910/Feb/17
4659	Bob Fr		0.813	2011/Jul/02			1929/Jan/10
	Total:		76.991				

**History**

The Engineer Mine has had a long and colorful History. Engineers working on the White Pass and Yukon Railway made the initial discovery in 1899, and the Engineer Mining Company of Skagway was formed. From 1900-1902 a number of surface cuts and small adits were completed, a small amount of hand sorted ore was shipped, and a stamp mill was brought to the property, but likely never used.

After the claims lapsed in 1906, they were re-staked by Edwin Brown and partners of Atlin, and sold to the Northern Partnership Syndicate also of Atlin headed by Captain James Alexander. From 1908-1911 the syndicate carried out extensive work near surface, and setup the stamp mill. From 1912-1918 Captain Alexander increased his ownership of the property, and a substantial amount of work was done underground, mostly on the Engineer Vein. This included a 210 foot shaft and development on 4 levels, as well as a starting of the 500 level crosscut from near the lakeshore. Production records are incomplete for this period, but range from 34 to 1,100 tons, with grades consistently above 2 oz/ton. For example, the Minister of Mines Report for 1918 describes one 24 lb allotment of hand sorted ore containing 160 oz. of gold. In 1918 Captain Alexander lost his life during the sinking of the “Princess Sophia” in Lyn Canal, and ownership of the property fell into litigation. In 1922 heirs of Captain Alexander, the “Smith interests”, were awarded the property,



and vended it to some New York based entrepreneurs who formed Engineer Gold Mines in 1923. The period from 1923-1925 saw construction of new bunkhouses, a new 50 ton per day mill, power dam and generating station, and hydro transmission lines from the Wann River. The 5 level crosscut was completed, and 3 diamond drill holes tested Hubs A and B from surface. Up to 140 men were employed at one time.

In 1925 reports from the mine were so favorable that the Engineer Gold Mines stock rose to \$100.00 per share on the New York exchange, and some of the principals were investigated for fraud. During 1925-1927 the majority of the historically reported ore was produced: 15,143 tons grading 0.77 oz/T was milled (BC Government, Ministry of Mines Reports). Extensive development work was also done. On the Engineer Vein sinking of an internal shaft from the 5 to the 8 levels, allowed development drifting on the 6, 7 and 8 levels. On the 8 level a crosscut was also driven to access the Double Decker vein which then saw substantial drifting in both directions. On the 5 level another long cross cut was driven through Shear Zone A, to the veins in the northeast (Boulder, Andy, Blue, Shaft) and some drifting on these was done as well. In addition to all of this a small shaft was sunk on the Hub B with minor drifting there. Incomplete production records from this period show that some production occurred from the lower mine levels. In particular, a section of the Double Decker vein just south of the crosscut on 8 level was reported to contain 84.35 g/t gold over a 10.0 m distance along the drift, and 3 or 4 lifts of ore were extracted from here. This area was one of the two areas targeted by the 2010 drilling. The main problem encountered was that even with all the development work, it was difficult for reserves to be maintained ahead of production.

During the period 1927-1934 only sporadic work was done on the property primarily by the watchman Reginald Brooks. In 1934 the Mining Corporation of Canada bought the mine at a sheriff's sale, and though they never worked it themselves, several lessees from Atlin are rumored to have done some high grading above the flooded workings until 1952. In the early 1960's Tagish Gold Mines Ltd. acquired the old crown grants, and in 1975 ownership passed to Nu Energy Development Corporation. That year Nu Energy did detailed sampling of the Shear A along the 5 level crosscut, some underground mapping, and attempted unsuccessfully to dewater the mine below the 5 level. Gold assays from the percussion drill sludge's, and chip samples of the Shear Zone A were all less than 0.03 oz/T gold with most less than 0.01 oz/T gold.

In 1979 Nu-Lady Gold Mines Ltd. optioned the mine, and in 1980 conducted a 15 diamond drillhole program testing "known vein structures accessible from the main workings". No significant intersections were reported, and this data is not available. In 1981 a further 11 holes were drilled, and a soil survey conducted over an area in the north part of the property. Six holes tested for NE extensions to the Double Decker and Engineer veins and three holes were drilled near the Boulder vein - all with no significant results. A final hole 81-11 tested a soil geochemical anomaly and



returned 0.76 m @ 0.19 oz/T gold. In 1983 further work discovered the Nutcracker vein, 45 m southeast of, and parallel to the Engineer vein. This vein carried 0.4 m @ 3 oz/T gold where first discovered, but subsequent trenching and drilling of six holes indicated a stringer 1-5 cm wide, with a strike length of only about 12 m, carrying very low gold values. A seventh hole was drilled as well during the season, but again the location and results are not available. Nu-Lady's option lapsed in 1985.

In 1987 Erickson Gold Mining Corp. (Erickson) became the owner of the property by takeover of Nu Energy. Early in that same year they flew an airborne VLF/Mag survey, before increasing the property size by staking, and then doing ground geophysics, surface geological mapping and sampling and soil geochemistry over the old mine site, and some of the new claims. During fall of the same year, a diamond drilling program consisting of 1,178 m in eight holes followed up on the earlier work, and tested known structures at depth. Numerous quartz veins were intersected, some with enhanced gold values. Two holes targeting Shear A intersected up to 29 m of mixed quartz vein and silicified and brecciated argillite, with low but anomalous gold values throughout (avg. 0.008 oz/T Au). Drillhole 87-106, drilled through both the Double Decker and Engineer veins, intersecting the former at about the 700 level but with no significant gold values, and failed to intersect the latter below the 8 level. Five holes targeted soil geochemical anomalies along Shear B, and two of these returned values around 0.2 oz/T gold within larger sections of quartz veining, breccia and silicified argillite (Smit, 1988).

In 1989 Gentry Resources Ltd. optioned the property from Erickson and did magnetometer and VLF-EM surveys over the Erickson grid. In 1990 Gentry Resources Ltd and Winslow Gold Corp acquired the property from Erickson by a share agreement. Prior to the 1992 season Ampex Mining negotiated a letter of intent with the new owners and early in that year made an initial assessment of the condition of the underground workings. In June of 1993 Ampex and Gentry/Winslow formed a formal pre-production agreement, and subsequent to that Winslow acquired all of the property from Gentry. In July 1994 Ampex agreed to sell all of its interest to the Old Engineer Mining Corp., which in November of 1997 changed its name to simply the Engineer Mining Corp (EMC).

Davidson (1998) summarized the EMC/Ampex work done up until 1997. During 1991-1992 the portal and most of 5 level was rehabilitated by Ampex (removal of old ties and track, and installation of 2" air line) and some original documents (maps, diaries, mill reports and assay sheets) were acquired from Jim Brooks whose father Reginald had worked on the property from 1899 to the 1930's. Blasting and sampling on the No. 2, No. 3, and Double Decker veins was unsuccessful in locating new gold mineralization. On the Engineer vein impressive samples of gold in roscoelite were collected on small remnants of an ore shoot found in pillars between surface and 2 level, and along the 5 level (bonanza shoot). Access to the 3 and 4 levels was not attempted. In 1993 the northeast part of the mine was re-habilitated. At the north end of the Boulder vein (524 raise),



approximately 150 tons of material averaged 30.8 g/t Au, and a smaller sample at the south end (523 raise) averaged 25.7 g/t Au from increasingly large sample sizes. Unfortunately a boating accident at the end of the summer resulted in the loss of the daily records, mining journal and rock samples. At this time it was realized that due to the extremely uneven distribution of gold grades (nugget effect) bulk sampling was going to be the only way of determining grade going forward.

During the 1994 season EMC secured permitting for a 30 ton per day pilot mill and a 10,000 ton bulk sample. The mill, a 150 kW generator, an enlarged camp, a dump truck, a D-7 Cat and a 931 Cat loader were all barged to the site and assembled. A 50 ton sample from the 505-1 Raise (Engineer vein) was processed, but problems in the mill circuit prevented an accurate assessment of grade. A 30 ton sample from the 524-2 raise (Boulder vein) was more successfully processed and yielded an average of 27.4 g/t Au. In 1995 track mining equipment was purchased and 600 m of track installed. Bulk sampling continued, and a total of 945 tons of material from both surface and underground was processed with variable results.

In 2007 the Engineer crown grants were optioned by BCGold. In that year Aspinall (2007) collected 160 rock samples from underground, surface, and selected 1987 core. None of the 57 surface samples, and only 15 of the 92 underground samples carried greater than 1 g/t gold. Only 5 returned greater than 5 g/t gold. A visual interpretation (and later petrology) of vein paragenesis suggested that gold precipitation was mostly associated with late stage quartz. Exploration the following year included mapping, petrology, under ground chip/channel sampling, and drilling. Mapping at 1:500 scale was compiled for surface and 5 level at 1:1,500 and 1:1,000 scales respectively (Devine, 2008). Underground channel sill sampling with a diamond saw was done on the Shaft, Boulder (2 areas), Engineer, Double Decker (2 areas), and Shear A. Of a total of 35 vein samples one contained 860 g/t (Shaft vein), one 14.7 g/t, five were below 4 g/t Au, and the rest below 1 g/t gold. The drilling (7 holes, 1,846 m) targeted the late stage hydrothermal breccia zone within a 400 m strike length of Shear Zone A. Six holes were completed and all returned anomalous gold and silver values, including 20.1 m of 0.48 g/t Au, 32.0 m of 0.44 g/t Au, and 34.0 m of 0.45 g/t Au. The breccia zone remains open in all directions, and appears to widen slightly towards the south. No work was done on the property in 2009.

### **Regional Geological Setting**

The Engineer Mine property lies within the Whitehorse Trough, a north northwest trending, fault bounded, synclinorium of fore arc (Morrison, 1981), volcanic and related sedimentary rocks (Figure 2). Basal rocks within the synclinorium are upper Triassic mafic flows and associated volcanoclastic rocks of the Stuhini Group. Overlying these, and dominating the center of the trough, are a thick sequence of argillites, siltstones, sandstones with minor conglomerate and limestone belonging to the Labarge Group. East north-east structural shortening has resulted in extensive folding of both trough rock types.





Just to the west of the property the Llewellyn Fault Zone is inferred to underlie Tagish Lake. This major terrane-bounding structure extends across northwest British Columbia into Yukon and Alaska, and has a protracted history which may be as old as late-Triassic (200 – 231 Ma), and as young as early Eocene (49 – 55 Ma). Where it is exposed north and south of Tagish Lake it is near vertical, a few to tens of meters in width, and has both ductile and brittle early fabrics overprinted by younger brittle deformation (Mihalynuk, 1999). The Llewellyn Fault shows a bend from a north northwest to a presumed north-south orientation under the lake as it passes west of the property. Several splays of the Llewellyn Fault are mapped on the east side of the fault, still with a northwest trend. As Devine (2008) notes, the pattern is of a right-lateral releasing bend with the dilational zone spatially coincident with the cluster of known gold occurrences.

Immediately west of the Llewellyn fault lie a group of highly metamorphosed epicontinental rocks which lie along the eastern boundary and are sometimes intruded by the late Cretaceous and Tertiary Coast Plutonic Complex. These rocks have a strong structural overprinting which suggest a long metamorphic history, and are at least pre-Permian and possibly late Proterozoic in age.

Eocene intrusions and volcanic complexes of the Sloko Group volcanics occur throughout the area on both sides of the Llewellyn Fault, usually as erosional remnants on some of the higher peaks. The volcanic centers are comprised of rhyolite to andesite flows, breccia, tuffs, and ignimbrite, with coeval intrusions. An inlier of one of these complexes caps Engineer Mountain on the eastern side of the property, and is bounded by the dilatant zone created by the Llewellyn splays. Sloko Group rocks are also found nearby at Mount Fetterly, TeePee Peak, and Mt. Switzer, and usually have an association with gold mineralization. The Skukum mine in southern Yukon is one of the best known examples. Gold mineralization there is associated with adularia-sericite alteration near rhyolite dykes along co-magmatic shear zones (Lang et. al., 2003).

### **Property Geology**

The predominant rock type underlying the Engineer property is the Lower Jurassic Labarge group, though in the extreme southwest corner, tuffs of possible Upper Triassic Stuhini Group outcrop along the Wann River, and in the east Sloko volcanics are dominant. In the area of the mine, Labarge Group rocks are predominantly dark brown to black, thinly bedded argillites (Unit S1a). Interbedded within the argillites are thickly bedded light to medium gray greywacke (Unit S1b) with overall attitudes of  $\sim 300^\circ/35^\circ$  NE. The somewhat recessive sediments form rounded benches at lower elevations sub-parallel to the lake. At the higher elevations of Engineer and Gleaner Mountains Sloko volcanic rocks form high castellated cliffs. These include epiclastic layers of basaltic and andesitic flows, and rhyolite dikes, sills, and breccias. On the southwest slope of Engineer Mountain a quartz diorite plug approximately 1-2 km in diameter outcrops below the Sloko extrusives and has been dated at 52 Ma (Mihalynuk 1999).



Devine (2008) describes a suite of dikes occurring within the property which occupy brittle faults mostly parallel to, and within, NNW oriented shear zones, but also NNE oriented quartz-carbonate veins. In the absence of any other intrusive center, they are believed to be related to the Sloko Group rocks; however this has yet to be substantiated. All are classified as monzodiorites by modal mineral abundances (Fonseca, 2008); however they vary substantially in igneous texture and associated alteration. Medium grained equigranular biotite-augite porphyritic dikes have associated carbonate-pyrrhotite alteration and are likely the oldest. Fine grained dikes with increasing amounts of plagioclase phenocrysts, and increasing (weak to moderate) clay/sericite alteration are of probable medium age (Unit I4). Youngest of all are strongly clay/sericite altered dikes often referred to as “Rhyolite” dikes in the older literature. Alteration in these later dikes is commonly limited to the dikes themselves, suggesting that they were fluid-charged and likely most altered at their apical extents.

### **Structure**

Shear Zone A is the main structural element on the property, and is inferred to be a splay off the Llewellyn Fault. Butler Creek follows its surface depression from just south of camp toward the southeast at  $\sim 140^\circ$  (Figure 3). Early (Jurassic age?) mostly ductile deformation consists of a 150 m wide zone of strong shear parallel cleavage. A younger mostly brittle reactivation of Shear Zone A, which deforms “Sloko” dikes, consists of a 40 m wide quartz/carbonate sheared breccia zone which was the target of the 2008 drilling. Reidel and extension structures compatible with the shearing opened up vein systems of varying mineralogy. As with the later Shear Zone A deformation, some of these also crosscut or contain clasts of dike rock. Youngest structures on the property are several brittle NNW trending ( $\sim 155^\circ$ ) sub-vertical faults, which are fairly discrete structures, usually with a few 10’s of meters of displacement.

### **Mineralization**

A summary of the mineralogy on the property, including ore-related mineralogy is the topic of a paper by Mauthner et al. (1996). Mineralization on the Engineer property shows high gold/silver ratios (0.5 to 2), with temperatures of formation up to  $195^\circ\text{C}$  and a depth of formation of approximately 1.8 km, putting it at the deeper limit of classic low sulphidation epithermal type veins (Mihalynuk, 1999). Vein textures, however, display open space fillings and textures more characteristic of a shallower setting. The development of the hydrothermal system was synchronous with structural reactivation and likely also Sloko magmatism and this may account for the textural and depth ambiguities.

The Engineer and Double Decker Veins are the largest veins on the property (up to 400 m long) and most of the historic production was obtained from them (Figure 3). They are also probably the longest lived veins, with the most complex mineralogy. They occur south of the Shear Zone A and



display shear vein (banded) and extension vein (open space) textures, as well as abundant multi-phase breccia. Grades are usually highest at dilational jogs forming sub-vertical shoots. Pale green or white mica is common in these veins. Highest gold grades in the Engineer vein are found where native gold/electrum occurs with roscoelite (a dark green vanadium mica), and alledmontite (a native stib-arsinide) for example in the “bonanza shoot” on the Engineer vein just east of the main crosscut. The 2010 drill program reported on here tested down dip on this shoot below 5 level. A section of the Double Decker vein just south of the crosscut on 8 level was reported in 1928 to contain an average 84.35 g/t gold over the mined width of the drift for a 10.0 m distance along the drift, and 3 or 4 lifts of ore were extracted from there in the late twenties. This area was also targeted by the 2010 drilling.

Veins to the north of Shear Zone A in the Boulder-Governor system, in contrast are almost exclusively extension veins, with little or no mica. Highest grades in these usually consist of free gold in quartz, and occur at vein intersections in 1-3m wide breccia zones. These veins were mined by the Engineer Mining Corp. in 1993.

### **Nearby Properties**

The Tag Property, lying about 10 km north of the Engineer Mine (Figure 2), is the most significant occurrence in the surrounding area. Gold and silver mineralization there are hosted by the 025 Fault zone, which is partially exposed over a 6.2 km strike, before disappearing under Tagish Lake at both ends. It consists of shearing, quartz veining, stockwork and breccia with disseminated to stringer sulphide mineralization that cuts calcareous Labarge Group sedimentary rocks. Between 2006 and 2008 CZM Capital Corp. (now Tagish Gold Corp.) completed airborne geophysical, soil geochemical and prospecting surveys as well as extensive surface trenching and 11,476 m of drilling in 69 holes. This led to a NI 43-101 compliant mineral resource estimate on the Main Zone, at the south end of the structure consisting of 250,000 tonnes @ 3.0 g/t Au, and 12.1 g/t Ag Indicated Mineral Resources and a further 400,000 tonnes @ 3.0 g/t Au and 9.9 g/t Ag Inferred Mineral Resources (Tagish Gold Corp Website).

Other nearby occurrences include the Gleaner quartz calcite veins located about 1 km northeast of the mine, and the Happy Sullivan shear zone hosted quartz vein about 5 km northeast of the mine within the newly acquired claims. No production has been reported from any of these properties.



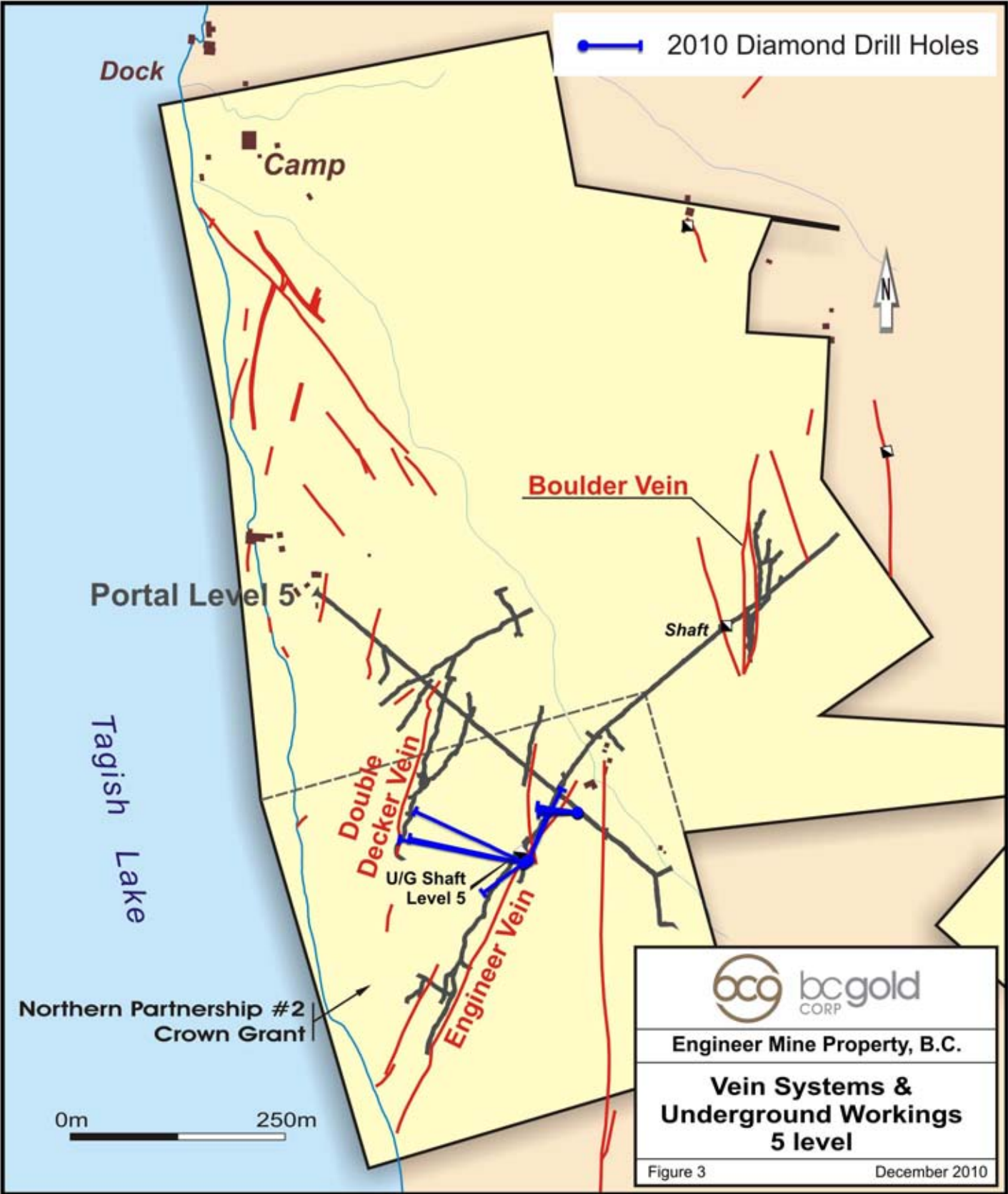


Figure 3

December 2010

## **2010 - Exploration Methodology**

Opening of the Engineer Mine camp for the 2010 program began on May 15<sup>th</sup>, 2010 when a three man crew, supplies and fuel were first brought to site from the town of Tagish, using a high-speed landing craft contracted from Rustic North Ltd. Approximately ten days were spent brushing out roads and removing ice and debris from the underground workings, especially at the first drill site in the old hoist room, and building the first drill pad. The first phase of drilling occurred between June 12<sup>th</sup> - June 28<sup>th</sup>, and the camp was temporarily shut down on July 3<sup>rd</sup>.

The second phase of work during the 2010 program began on September 20<sup>th</sup>, when 4 men and a cook arrived in camp and proceeded to remove muck and lay track along the cross cut for about 100 feet past the Engineer vein, and then slashed out the second drill bay. Drilling occurred between September 29<sup>th</sup> - October 16<sup>th</sup>, and the camp was shut down on October 18<sup>th</sup> for the winter. The total amount of drilling during both phases consisted of 1,218.03 m in 13 holes (Table 2).

**Table II – 2010 Drillhole Summary**

Hole_ID	Easting*	Northing*	Elev	Azi(m)	Dip	Length	Started	Completed
<b>Phase I</b>								
BCGE-10-01	543004.2	6594085.4	684.0	280.0	-40.0	188.94	12-Jun-10	17-Jun-10
BCGE-10-02	543004.2	6594085.4	684.2	280.0	-30.5	158.05	18-Jun-10	22-Jun-10
BCGE-10-03	543004.2	6594085.4	684.4	279.0	-25.5	162.90	22-Jun-10	25-Jun-10
BCGE-10-04	543005.5	6594082.8	684.4	233.0	-25.1	64.92	26-Jun-10	27-Jun-10
BCGE-10-05	543040.0	6594088.7	684.4	20.0	-25.1	64.92	27-Jun-10	28-Jun-10

Total: **639.73**

### **Phase II**

BCGE-10-06	543040.0	6594088.7	684.7	23.5	-9.0	92.35	29-Sep-10	2-Oct-10
BCGE-10-07	543004.2	6594085.6	684.2	296.5	-30.0	160.80	3-Oct-10	7-Oct-10
BCGE-10-08	543066.6	6594144.2	684.4	270.0	-21.0	36.27	10-Oct-10	10-Oct-10
BCGE-10-09	543066.6	6594144.2	684.0	270.0	-53.0	75.30	10-Oct-10	12-Oct-10
BCGE-10-10	543066.6	6594144.6	684.2	280.0	-33.0	56.08	12-Oct-10	14-Oct-10
BCGE-10-11	543066.6	6594143.8	684.4	264.0	-27.0	42.37	14-Sep-10	14-Oct-10
BCGE-10-12	543066.6	6594144.2	684.3	272.0	-35.0	49.90	15-Oct-10	15-Oct-10
BCGE-10-13	543066.6	6594144.2	684.2	272.0	-46.0	65.23	15-Oct-10	16-Oct-10

\* Nad 83, Zone 8

Total: **578.30**

**Total Meters Phase I&II: 1,218.03**



The drilling contractor was Lyncorp Drilling Corp. of Smithers, BC, who used a skid mounted JKS-300 underground diamond drill with a 50 hp electric over hydraulic power pack and HQ sized drill rods. Mobilization of the drill crew and drill (and repairs) took an additional 6 days at the beginning of Phase I, and two days at both ends of Phase II. The drill, drilling supplies and a 4-wheel drive “Gator” for onsite core/crew transport were barged to the site at the beginning of Phase I, and barged back to Carcross at the end of Phase II, and stored underground between programs. All of the drilling work in both phases took place from two underground drill bays located on the 5 level, within the crown grant named Northern Partnership #2 (Lease-20), under Mine Exploration Permit Number MX-1-767.



**The drill was barged to site and unloaded by cat for transport to the main adit. A high-speed landing craft (background) brought groceries and other supplies weekly. Calm day!**

Survey control underground into the first drill station, and turning off of foresights and backsights was done by Underhill Geomatics of Whitehorse who provided two surveyors on June 1<sup>st</sup> - 2<sup>nd</sup>. In the area of the drill bay a variance of about two meters exists between the BCGold digitized 1928 plans, and the Underhill data. Measurements taken from the 1928 plans were used for the drill hole collar locations. For the second drill bay a theodolite was borrowed from Challenger Geomatics Ltd.



in Whitehorse and the angles were turned by BCGold staff. The same ~2 m variance to the 1928 data was noted here, and measurements off the 1928 plans were again used for the collar locations. Downhole orientations were established using a Reflex EZ-Trac™ instrument in multi-shot mode at the end of drilling, as the rods were being removed. Initially some single shots were tried to monitor deviation *during* the drilling, but the presence of pyrrhotite in the wall rock prevented confidence in the results. A magnetic declination of 22.5° east was used for correcting azimuths. All drill core was stored on-site near camp and either cross stacked or placed on log racks. Power for the drill was supplied by a 150 kW Volvo generator rented from Ampex Mining located at the process plant. Tech cable had been strung from surface down to 5 level in 2008, in preparation for de-watering of the mine.

### **Drill Core and Sample Treatment**

All core logging and sampling was done by the author in a temporary tent erected near camp. Block markers in imperial units were first transformed into metric units and the core was then metered with a yellow grease pencil. After that Total Core Recovery (TCR), Rock Quality Designation (RQD), and Rock Hardness were entered into an HP Pavillion DV-1000 Laptop computer. Next, readings of magnetic susceptibility were taken every 50 cm using a Czech Geofyzika, a.s. micro-Kappa Kappameter and entered into the laptop. Finally interval lengths and descriptions of Lithology, Alteration, Structure, Mineralization, and Sample Intervals were all entered. As the core boxes were being moved to the cutting and sampling tent, they were labeled with aluminum tags and photographed. Lithologic units less than 0.3 meter were generally not noted unless specifically of interest. Drillhole Logs were output into a simple excel spreadsheet and are presented in Appendix I.

After logging, selected samples of core were marked both on the core and on the core box in red grease pencil. These intervals for geochemical analysis were chosen primarily for their potential to contain gold, but were also based on alteration, lithology, and to characterize background values for some rock units (for example dikes). Sample lengths varied between 0.13 m and 1.3 m and averaged 0.58 m in length. Drill core samples were cut with a diamond saw, and one half of the core replaced in the core box for future reference, and the other half bagged in numbered plastic bags, placed in rice bags and sealed for shipping. Core samples were tracked by three-part ticket books. One part was placed in the core box at the end of the assay interval, one tag went with the sample for assay and the last tag was kept with the geologist's records.

At the end of the program, the samples were delivered directly to the Whitehorse lab of Eco-Tech Laboratories Ltd., by a BCGold representative, with chain of custody documented. Echo-Tech Laboratories is a subsidiary of the global Alex Stewart Group, a BC Certified Assayer and maintains an ISO 9001:2000 certified laboratory in Whitehorse, for sample preparation, and a certified analytical lab in Kamloops, B.C., to which the pulps are forwarded for analysis.



### Sample Analysis

A total of 175 samples were submitted to Echo-Tech Labs including 41 BCGold QA/QC samples. The following descriptions of analytical procedures were provided by Echo-Tech Labs, and further information on detection limits or specifics can be obtained from them directly. All of samples were fire assayed for gold using the following procedure. A 30 g sample size is fire assayed using a pre-mixed flux containing 66% Litharge, 24% Sodium Carbonate, 2.7% Borax, and 7.3% Silica. Flux weight per fusion is 150g. The resultant dore bead is parted and then digested with nitric acid followed by hydrochloric acid solutions and then analyzed on a Perkin Elmer/Thermo S-Series atomic absorption instrument. Gold detection limit is 0.03-100 g/t. Any gold samples containing greater than 100 g/t are run using a gravimetric analysis protocol.

In addition to the gold fire assays any samples containing greater than 3 g/t gold were also submitted to metallic screen assay using the following procedure. Rock samples are crushed to minus 70% passing through 10 mesh, then split to achieve a 1000 g sub sample (or less if the original sample size precluded it). The sample is pulverized to 95% passing through -150 mesh. The entire sample is weighed, then rolled and homogenized and screened through a 150 mesh. The resulting -150 mesh fraction is homogenized and two sub-sample portions are fire assayed. All of the resulting +150 mesh material is fire assayed. The resultant fire assay beads are digested with a nitric acid followed by hydrochloric acid, and then analyzed on a Perkin Elmer atomic absorption machine using air-acetylene flame to 0.03 g/t detection limit.

If the gold values are over an agreed level a gravimetric finish would be performed. (Same process but only nitric acid is used to dissolve the silver away from the gold. The resulting gold bead is weighed on a Mettler Toledo MX5 micro-balance. The results for the two -150 values and single +150 mesh value are then calculated based on the original sample weight providing a net gold value. The entire set of samples is re-assayed if the quality control standard is outside 2 standard deviations or if the blank is greater than .015 g/t. Results are collated by computer and are printed along with accompanying quality control data (re-splits and standards).

In addition to the gold assays all samples from the Phase I drilling were analyzed by ICP-MS multi-acid digestion (MA-UT). In this procedure a 0.5 gram sample is weighed into teflon tubes. The sample is digested with nitric acid, hydrofluoric and perchloric acids. The sample is taken to dryness using a heating block apparatus. The sample is subsequently re-dissolved with 3ml of a 3:1:2 (HCl:HN03:H2O) solution which contains beryllium (Be acts as an internal standard) and the sample is then bulked with DI water. Samples are analysed on a Thermo Scientific X series II ICP-MS unit.

In addition to the gold assays, all samples from the Phase II drilling were analyzed by ICP-AES with Aqua Regia (four-acid) Digestion (AR-ES). In this procedure a 0.5 gram sample is digested with a 3:1:2 (HCl: HN0<sub>3</sub>: H<sub>2</sub>O) solution in a water bath at 95°C. The sample is then diluted to 10 ml with water. All





solutions used during the digestion process contain beryllium, which acts as an internal standard for the ICP run. The sample is analysed on a Thermo IRIS Intrepid II XSP ICP unit. Certified reference material is used to check the performance of the machine and to ensure that proper digestion occurred in the wet lab.

For both ICP procedures, QC samples are run to ensure no machine drift or instrumentation issues occurred during the run procedure. Repeat samples (every batch of 10 or less) and re-splits (every batch of 35 or less) are also run to ensure proper weighing and digestion occurred. Results are collated by computer and are printed along with accompanying quality control data (repeats, re-splits, and standards). Any of the base metal elements (Ag, Cu, Pb, Zn) that are over limit (>1.0%) are immediately run as an ore grade assay. A summary of the Engineer Drill Hole Geochemistry is presented as Appendix II, and Certificates of Analysis are contained in Appendix III.

### **Data Verification (QA/QC)**

A total of 134 samples of drill core were submitted for analysis. Quality control by BCGold consisted of the insertion of additional certified reference materials (23), blanks (10), and duplicates (8) into the sample shipment stream for a total of 41 additional QA/QC samples. The results for these samples are displayed at the end of Appendix II, and although a statistical evaluation of the variability was not attempted, a visual analysis shows good repeatability for the standards, and duplicates in all methods, and below detection values for gold and uniformly low values for other elements in the blanks.

In addition to the BCGold QA/QC, Echo-Tech Laboratories maintain their own internal QA/QC program. This consisted of repeats (44), re-splits (16), and certified reference materials (18) for a total of 78 additional QA/QC analyses. The results for these samples are displayed at the end of Appendix II. Again, although a statistical evaluation of the variability was not attempted, a visual analysis shows the range of values to fall within acceptable limits, with resplits showing the expected slightly higher variability. Analytical methodology and precision was again, the likely candidate for most of the observed variability, and the results are generally consistent within each. A single sample (7R50816) shows an un-acceptable variation in the ICP results. The explanation for this is unknown, especially as this sample, a BCGold standard (7Pb), would be expected to have good homogeneity. Gold values however, are within limits.



## **2010 – Drilling Results**

Geo-tech data collected included Total Core Recovery (TCR), and Rock Quality Designation (RQD) which averaged 99.1% and 87.0% respectively for all drilled runs of the entire program. Although no specific tests (i.e. point load) were done to determine the rock strength it was considered to be very strong. RQD dropped somewhat in areas adjacent to and along veining, especially in drill holes BCGE-10-4 to 6 which were drilled at very low angles to the vein. RQD also dropped somewhat in areas where late brittle faults were crossed, for example in drillholes BCGE-10-5 and 6. In neither case, however did the TCR drop accordingly, so that gold content was probably not compromised. Magnetic susceptibility for all rock types varied between 0 - 10.9 with values of 3 and 5 at the 95<sup>th</sup> and 99<sup>th</sup> percentiles respectively. Although no attempt was made to plot these values against rock type, it appeared that low values were found in veins and dikes, and highly variable values were obtained from the sediments.

Geochemical results are displayed in Appendix III, Table III and along side the drillhole trace in Figure 4 to Figure 9 for gold and silver, the elements of principle economic interest. No attempt was made to correlate geochemical data to rock type, and this might be a worthwhile exercise for the future. A simple elemental correlation matrix was created for all samples against one another, and is presented in Appendix II. The reader is cautioned that the results are cursory and preliminary in nature, and may be skewed by elements with high variance and/or non-normal distribution. Nevertheless this shows that gold and silver are extremely positively correlated ( $r=0.994$ ), gold and arsenic have a very weak positive correlation ( $r=0.128$ ), gold and antimony have a stronger correlation ( $r=0.307$ ) and gold and molybdenum are surprisingly well correlated ( $r=0.432$ ). With further study, these relations may have important implications for future soil geochemical programs. Note also that other typical potential “pathfinder” elements - i.e. copper, lead, zinc, mercury, bismuth - appear to have no correlation with gold.

Drilling Results are contained in the logs in Appendix I, with plans, sections and long sections presented as Figures 5 through 9 (in pocket). A summary of significant intersections is presented in Table III.

The first three holes of phase I (BCGE-10-1 to 3), and the second hole of phase II (BCGE-10-7) were all drilled from the old Hoist Room on 5 level (Drill Bay #1), and targeted a part of the Double Decker vein on 8 level (See Figures 4 to 6 and especially 7). Here drift sampling in 1928 was reported to contain an average 84.35 g/t gold over the mined width of the drift (assumed ~1.2 m) for a 10.0 m distance along the drift. Several lifts of ore were also reported to have been extracted. The first hole, BCGE-10-1 deviated and flattened less than anticipated and so intersected the Double Decker vein deeper than planned, but exactly as projected, at a vertical distance of 20 m below the drift. The vein in this hole consisted of two small breccia veins which both contained gold, and a small stringer zone between. The weighted average grade for the intersection is 22.32 g/t gold and 17.56



Table III - Summary of Significant Intersections - Page # 1

Hole_ID	From	To	Width(m)	Au_ppm	Ag_ppm	Description
BCGE-10-01	176.70	176.83	0.13	67.15	69.60	Bx vein, multi-phase, w fgr VG in gw clsts
	176.83	177.25	0.42	0.27	0.50	
	177.25	177.66	0.41	30.69	18.60	Bx vein, w cgr VG in roscoelite "pseudoclast", above lrg vug.10% gw clasts, one larger one w str sericite alt. Minor light gn mineral occuring as blebs. Qtz nucleating from greywack clasts.
			0.96m @	22.32	17.59	
BCGE-10-03	12.60	13.40	0.80	0.18	1.16	Engineer Vn? 40% Str's 1-12mm, multi-phase, w bx, 1xser altd, and rest str sil alt'd frags, tight qtz and carb, nvs, minor ankerite
	13.40	13.55	0.15	1.20	1.74	
			0.95m @	0.34	1.25	
BCGE-10-03	151.30	151.53	0.23m @	0.03	1.02	Double Decker Vn - Top half wht qtz w tr carb crosscut str. Bot half bx w 60% altd (sil/py tr cly) arg slivers, preserve shr, minor clay vugs of yellow cly, and pale grn min, str fabric thru // to top and bot ct's
BCGE-10-04	43.30	43.70	0.40 m@	0.03	0.56	Engineer VnShr vn, thru dike, w roundish blobs (1-3mm range) fgr, wht carb, grey qtz (poss w aspy), and blue-green qtz
BCGE-10-04	51.30	51.90	0.60	0.20	5.96	Mostly wht, grey, grn qtz w vugs (+/-clay/ank filled) and bx (arg +/-py alt'd), along 1-3cm grad vn margins.
	51.90	52.10	0.20	0.34	1.34	Wedge shaped carb ext vn, w minor pale chl (cutting above?)
			0.80m @	0.24	4.81	
BCGE-10-05	19.45	19.70	0.25	0.53	1.98	Larger carb ff 1cm->3cm along core, w grey mud on one side fault?
	19.70	20.50	0.80	0.14	0.92	
			1.05m @	0.23	1.17	
BCGE-10-05	45.60	46.20	0.60	0.03	0.30	Engineer vein - Bx w 75%x1-10mm clasts, angular, unalt'd, w gry (occ slt grn) qtz init stage, and carb infilled vugs. Top 0.6m has 85% larger non-rotated clasts verging on str zone, w 3mm qtz inital stage filled in w sparry calcite, nvs
	46.20	46.70	0.50	0.03	0.32	
	46.70	47.20	0.50	0.03	0.26	
			1.60m @	0.03	0.29	
BCGE-10-06	50.15	50.50	0.35	0.02	0.40	Engineer Vn - Top 1/3 is Q/C breccia vein w/ unaltered arg clasts. Bot 2/3 is Q->C breccia w sil/ser alt'd clasts and tr-5% py, aspy, and grn mica.
	50.50	51.05	0.55	0.36	0.80	
			0.9m @	0.23	0.64	
BCGE-10-06	74.85	75.30	0.45	0.20	1.30	
	75.30	76.40	1.10	1.01	2.90	
	76.40	77.50	1.10	0.05	2.30	
	77.50	78.60	1.10	0.35	1.40	
	78.60	79.10	0.50	0.11	1.20	Q/C stringer zone. Hole grazed the Engineer vn in the bottom 0.95m, but not penetrated
	79.10	79.70	0.60	1.14	2.70	
	79.70	80.40	0.70	0.14	1.90	
	80.40	80.90	0.50	0.12	1.90	
	80.90	81.85	0.95	0.06	0.70	
			7.0m @	0.37	1.86	

Table III - Summary of Significant Intersections - Page # 2

Hole_ID	From	To	Width	Au_ppm	Ag_ppm	Description
BCGE-10-07	14.65	15.00	0.35m @	9.45	18.50	Engineer Vein? at bottom of 1.6m str zone, which begins 2.0m below dike, and is directly below underhand mining.
BCGE-10-07	153.00	153.45	0.45m @	1.01	1.00	DD vein - 45cm of carb ff's lead to 8cm pure wht carb, then almost pure wht qtz, w slivers (0.5-1cm) of blk arg, w occ part replaced by py. At 153.3 is a druzey qtz brk. No grn mica.
BCGE-10-08	32.50	33.15	0.65m @	0.35	0.50	Engineer Vuggy Qtz Bx Vein, nr true width.
BCGE-10-09	67.15	67.50	0.35	0.55	9.20	Qtz and Cgr Allemontite along two low angle shr/flts, w str sil/ser altn of surrounding wallrock
	67.50	68.00	0.50	0.16	1.30	Q/c ff's
	68.00	68.70	0.70	0.03	0.70	Q/c ff's
	68.70	69.40	0.70	0.02	0.90	Q/c ff's
	69.40	69.90	0.50	0.02	0.80	15cm shr vein becomes intense q/c stkwork, verging on bx, but nvs or chl
	69.90	70.30	0.40	0.04	32.30	Main q/c bx vein at bottom
			3.15m @	0.10	5.81	
BCGE-10-10	36.65	36.90	0.25m @	0.42	2.50	Bx vein w qtz coating arg slivers first, and carb second. Tr only py/pale grn chl.
BCGE-10-11	35.70	36.05	0.35	344.00	328.00	At top 4cm a shr vein with needles of Aspy, Stibnite, and Gold in Roscoelite, grade to qtz/chl chalcedony coated
	36.05	36.25	0.20	0.02	0.60	"pseudoclasts", and then to several ser altd bx veins down to a fault. The bottom sample is of footwall w 4x3-15mm, larger
	36.25	36.70	0.45	19.10	14.90	carb ff's, the middle two w 2-5% diss py in amongst str - mod to drk green chl.
			1.00m @	129.00	121.63	
BCGE-10-12	39.30	39.65	0.35	0.58	1.70	Small qtz/chl bx veins (mostly unalt'd arg clasts) w shr'd margins and tr py/aspy, cross cut by later tiny carb stkwork.
	39.65	40.00	0.35	0.02	0.40	
	40.00	40.25	0.25	0.06	0.80	
			0.95m @	0.24	0.98	
BCGE-10-13	55.00	56.20	1.20	0.43	0.90	Angular, brittle, spidery, q/c fractures throughout are cut by 2x5cm q/c shr vns w chl/py along their margins
	56.20	56.75	0.55	0.02	0.60	
			1.75m @	0.30	0.81	

g/t silver over 0.96 m and the width is likely close to true width. In the lower vein the gold is contained by a roscoelite “rosette” or “pseudo-clasts”, while in the upper vein very fine grained gold is contained by altered siltstone clasts. This intersection probably represents the deepest gold occurrence in the history of the mine, and confirms the presence of the 1928 reported gold grades in the drift.

The second hole of the program, BCGE-10-2 also deviated and flattened less than anticipated and therefore unfortunately broke into the old workings without intersecting the vein. It confirms that mining was done in 1928 to a minimum height of 10 m above the level of the back of the 8 level drift. BCGE-10-3 targeted above the old stope, up dip on the Double Decker vein. The vein was intersected exactly where it was projected to be a distance of 25.5 m above the back of the 8 level drift, but consisted of only a very thin (0.23 m) shear/breccia vein with negligible gold. Reports from 1928 indicate that by the last lift mined from 8 level, the vein was pinching out in the middle of the stope and stronger at either end. Since two separate areas were mined on 5 level, it is possible that two shoots exist which join in a narrow “V” shape at 8 level. In this case, BCGE-10-1 would have pierced the vein below the junction point, while BCGE-10-3 may have pierced between the two shoots.

Drillhole BCGE-10-7 also tested the Double Decker vein, but on another shoot further NE, above an area of 6.71 g/t gold over 15.3 m of drift length from the 1928 sampling. It again intersected the vein where anticipated at a vertical distance of 15 m above the drift. Carbonate fracture fills over about 0.5 m were followed by an almost pure white quartz vein with slivers (0.5-1cm) of black argillite, occasionally replaced by pyrite. It contained no green mica, and only 1.01 g/t gold over a width of 0.45 m.

All of the four holes testing the Double Decker vein also pierced the down dip projection of the Engineer vein at a horizontal distance of about 12 m from their collars. Rather than quartz breccia vein, only quartz-carbonate fracture fills and stringers with minor silicification and sericite alteration were intersected in this area despite the presence of previous underhand mining just above - a notoriously difficult mining method usually only worth while in the presence of heavy gold. Several of these stringer zones did however contain anomalous gold and silver, and in BCGE-10-7 an intersection of 9.45 g/t gold and 18.5 g/t silver over a width of 0.45 m was obtained below a stringer zone in close proximity to the dike. This area requires more investigation that was not within the capability of the drill during the 2010 program.

All of the four Double Decker vein holes also intersected a second larger and a third smaller dike at about 35 m and 120 m horizontally respectively from their collars. Both of these have strikes of about 055°-060°, with the larger dike dipping slightly off vertical to the SE, and the smaller dike dipping just off vertical to the NW. This orientation parallels the R-2 antithetic shear sense on Shear Zone A occupied by the #2 vein - second in from the adit (Devine 2008). The smaller dike also



appears to strike toward the southwest termination of the Double Decker vein where it bends to the south. Note also a fourth dike that comes and goes along the Double Decker structure. BCGE-10-1 and 2 intersected no dike near the vein (where the grade occurs), while BCGE-10-3 has dike immediately adjacent to the vein, Hole 87-106 had dike fragments within merely geochemically anomalous vein breccia (Smit 87), and in BCGE-10-7 the dike occurs about 5 m into the hangingwall.

The last two holes of phase I (BCGE-10-4 and 5), and the first hole of phase II (BCGE-10-6) were also all drilled from the old Hoist Room on 5 level (Drill Bay #1), and targeted the Engineer vein just below 5 level with very low angles to the vein. Although somewhat unconventional, the idea here was to try to have the drilling follow the vein to some extent, in an attempt to overcome the nugget effect. BCGE-10-4 intersected a thin, low angle (10°-20°) vuggy quartz vein with brecciated margins, and pale green mica and pyrite altered clasts containing only geochemically anomalous gold. This was surrounded by quartz carbonate stringers, and a small dike in the footwall. Drillhole BCGE-10-5, and 6 both intersected a late brittle cross fault at about 18 m depth which can be seen in the drift trending at approximately 120°. The dike just into the footwall of the Engineer vein noted in the other holes is offset by this fault about 12 – 14 m laterally to the SE, and then connects to the dike noted in Drill Bay #2. BCGE-10-5 intersected a quartz carbonate breccia vein (20°-30°) with no sulphides or alteration, and only traces of pale green mica and sub-gram gold, interpreted to be the Engineer vein at 47.5 m. A narrow stringer parallel to the core axis had anomalous gold at 49 m depth. BCGE-10-6 apparently penetrated the Engineer vein at 51 m depth. The top 1/3 consisted of breccia vein with unaltered argillite clasts, and the bottom 2/3 contains mostly quartz, with silica and sericite altered wall rock clasts and tr-5% pyrite, arsenopyrite, and green mica. Most of the rest of the hole contained stringers of one form or another, some with green mica, pyrite and arsenopyrite, and occasional geochemically anomalous values of gold and silver. Unfortunately no roscoelite or allemontite, and no gold or silver values nearing economic values were seen in any of holes BCGE-10-4 to 6, and the low angles made it difficult to interpret the location of the main vein structure.

Drillholes BCGE-10-8 to 13 were all drilled from Drill Bay #2 and targeted the Engineer vein down dip below the bonanza shoot between 5 and 7 levels (Figures 4, 8 and 9). Almost all holes intersected multi-stage breccia vein at the predicted location with anomalous gold values. The most significant intersection was contained in drillhole BCGE-10-11 of 1.0 m @ 129.0 g/t gold, and 121.6 g/t silver. The highest values in this hole were associated with roscoelite, arsenopyrite and stibnite in a shear vein, but further down gold and silver were also contained in a section where pyrite occurred amongst “pseudo-clasts” with pale green mica. The remaining five holes from this set up intercepted similar looking vein mineralogy over comparable widths, but for the most part returned sub-gram gold and silver assay results and no visible electrum.



The upper 4 holes indicate a nearly vertical aspect to the vein down to the 660 m elevation. BCGE-10-13 intersected the least substantial vein intersection which consisted of a number “spidery” quartz carbonate fracture fills cut by two shear veins 5 cm in thickness containing 0.43 g/t gold and 0.9 g/t silver. This intersection plots toward the hangingwall of the predicted location. Just above 7 level, drillhole BCGE-10-9 intersected a low angle fault with abundant sericite alteration, and a coarse clot of alledmontite along it, about 2 m above the main vein. It is possible that this low angle structure offsets the vein slightly between the 625 m and 650 m elevations, and is the reason for the offset of the intersection in drillhole BCGE-10-13 into the hangingwall. This may also be the reason that the 6 level development was discontinued eastward on the 650 m elevation.

### **2010 – Prospecting Results**

On June 21, 2010 two members of the BCGold field crew conducted geological reconnaissance and prospecting on the Erik Claims located south of the Engineer Mine property (Figure 10, Table IV).



**Prospector Dave Heino, pans for gold on the Eric claims.**

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The intended exploration target is a high grade, gold and silver, epithermal vein system similar to those at the adjacent Engineer Mine. Only one day of work was carried out on the property due to limited access and sparse outcrop. Access to the claims from the Engineer Mine property is along an old overgrown power line trail which can be accessed from the south east part of the Engineer crown grants. Geological work consisted of mapping a single large outcrop encountered near the property boundary and taking note of float in the area. The outcrop mapped is a fine grained brown to gray well bedded argillite with occasional disseminated pyrite. Bedding ranges in size from 2 mm to 3 cm. Rhythmic bedding was also noted on a small scale in some areas. Outcrop was very scarce due to the overburden and glacial till cover. Prospecting consisted of taking gold pan samples in creeks in two locations. Both pan concentrates contained traces of pyrite and no other discernable sulfides, or gold, thus no samples were taken for later laboratory analysis.

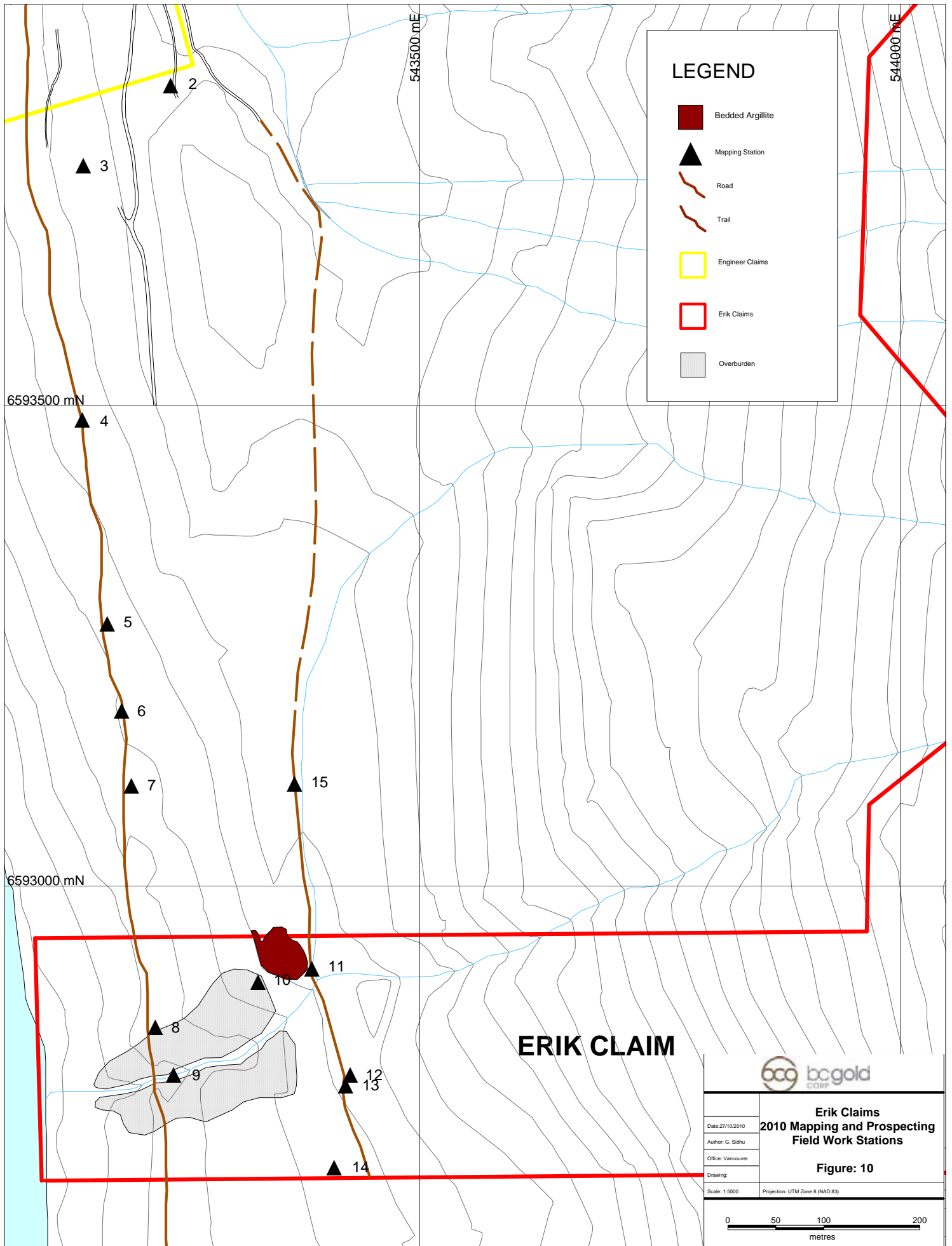
**Table IV – Eric Claims - 2010 Prospecting Stations**

Stn_ID	UTM_E*	UTM_N*	Elev (m)	Description
1	543120	6594137	815	Start Point: Quad could go no further
2	543241	6593833	734	Trail to Jersey Lily
3	543150	6593750		Jersey Lily Trench striking at ~030
4	543149	6593485		
5	543175	6593273		
6	543190	6593182		
7	543200	6593104		Creek with good flow
8	543225	6592853		Lunch on ridge; lots of overburden
9	543244	6592803		Creek on Erik Claims; Dave panned trace to little pyrite; No other discernable sulphides in pan; some epidote crystals; No o/c; possibly 100-200 ft of overburden along cut bank
10	543332	6592900	766	O/c of black to gray fine grained argillite; Well bedded (1-3cm beds); Interbedded with greywacke; Jointing at 170/87;150/90; 234/82
11	543388	6592914	769	Low flow creek; Dave took pan sample but no gold or other notable minerals
12	543428	6592803	758	Rusty colored creek. Lots of Fe-oxide coating in creek bed; tried to pan but lots of organics
13	543423	6592792		Dave tried to pan even though very little water in creek and lots of organics
14	543411	6592707	763	Trail kind of ends, very swampy lots of organics; No creek
15	543370	6593106	785	Some more of the Fe-oxide in swampy creek. Trail continues through here but swampy and overgrown

NAD 83, Zone 8







## **Conclusions and Recommendations**

The 2010 underground diamond drilling at Engineer Mine demonstrated that the Engineer and Double Decker veins are continuous structures along strike and dip that host shoots and pockets of erratically distributed high-grade, multi-ounce gold and silver mineralization, outside of previously mined areas. The erratic distribution of gold values in drill core but with a consistent vein mineralogy and morphology is a manifestation of the “nugget effect”, often present in narrow vein, and high-grade gold systems. Bulk sampling will be essential to obtain more realistic estimates of gold grades.

The 2010 drill program also substantiates, for the first time, the gold and silver grades of the 1928 historic chip and channel samples from the Engineer and Double Decker veins. More confidence can now be placed in this historic database going forward.

No attempt was made during this study to correlate geochemical data to rock type, and this might yield information valuable for discriminating gold bearing from barren veins. There was also no attempt by the author to incorporate the new data into the larger project database for further statistical work such as the determination of pathfinder elements, or the trace element variability between vein types (i.e. R-2 type vs. Shear A type vs. Shear B type vs. Engineer vs. Boulder, etc). Such statistical work is strongly recommended.

The recent enlargement of the property by the optioning of the claims from Guardsmen Resources will necessitate a compilation of all data relevant to the new claims. In the field, establishment of a grid and a program of mapping, rock sampling and hand auger soil sampling is recommended. Soil sampling appears to have worked in at least two previous programs in the history of the property. Since much of the work will be in steep less accessible terrain it may be worthwhile to cut an ATV trail beyond the area where cat trails and old roads can be re-opened. This work could be done in conjunction with a soil auger survey over the area between Shears A and B and north of 5<sup>th</sup> Level, looking for faulted-off Double-Decker and Engineer extensions as recommended by Aspinall (2007).

The next phase of drilling should further explore two areas of the Engineer vein, and this could be done concurrently with dewatering of the mine to 6 level to access an area of previous stoping for a bulk sample.

1. From Drill Bay #1 down dip and along strike slightly to the southwest should be further explored with a drill that has that capability, although a back slash might also be required to make room for these steeper holes. This drilling would be designed to test the area between the underhand mining, and intersection in BCGE-10-7 (9.45 g/t gold, 18.5 g/t silver over 0.45 m), and an area on 6 level where some stoping has been done in the past and where a bulk sample might be attempted.



2. Additional drilling is warranted on the Engineer vein along strike in both directions from the section tested by the 2010 program (Drill Bay #2). If this work targeted the 650 m elevation then it would have the additional benefit of clarifying the possible vein discontinuity suggested by the intersections in BCGE-10-9 and BCGE-10-13. In addition, future development drifting on 6 level to access any ore here would be more precisely guided by drilling at that elevation.

The intersection in drillhole BCGE-10-1 is the deepest gold bearing intersection on the property to date, indicating that the bottom of the gold bearing system has not yet been reached. Most epithermal gold systems have very specific lower limits, and this clearly has not been located within the Engineer Mine. Further drilling should explore below this intersection directly down dip and along strike, as well as up dip on both sides of the hypothetical “V” shaped shoot. This drilling has a lower priority however, as access for mining will require complete de-watering of the mine, and associated rehabilitation.



## **References**

**Ashton, A. S. 1982.** (Assessment Report 10,511), Report on Prospecting of the Happy 1 & 2 & Silgo #2 Claims & Contained Reverted Crown Grants

**Aspinall, C. 2007.** Report on the 2007 Season Surface and Underground Rock Sampling Program with Paragenesis Field Interpretations made on selected veins systems and drill core at Engineer Mine, Tagish Lake, Atlin Mining Division, British Columbia, Canada. Internal report prepared for BCGold Corp.

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**Tulley, D. 1979.** (Assessment Report 7,923), Part 1 of 3, Report on the Even Star, Sweepstake Nos. 2,3,4., Sweep Stake Nos. 5 Fr, 6 Fr, Polygon Fr., Cracker Jack, golden Hill, Gold Bullion, Reverted Crown Grants, and the Happy No 1 Claims, for: Nomad Mines Ltd, (NPL)

Tag Property Data from Taku Gold Corporation Website



**Certificate of Qualifications**

I, Bruce F. Coates of the city of Vancouver in the province of British Columbia do hereby certify that:

- I am a registered Professional Geoscientist with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
- I am a consulting geologist of Core Assets Consulting with offices at: 845 East 31st Avenue, Vancouver, B.C. V5V 2X2

I further certify that:

- I am a graduate of the University of British Columbia (1985) with a Bachelor of Science degree in Geology.
- I have worked as a geologist for a total of 25 years since graduation from university, and have been involved in mineral exploration and mining for base and precious metals and uranium throughout western Canada and Russia.
- I am responsible for the collection and presentation of the technical information gathered during the diamond drilling program on BCGold's Engineer Property between May 15<sup>th</sup> 2010, and October 19<sup>th</sup> of 2010, and contained in this report for BCGold Corporation.
- I have no interest, nor do I expect to receive an interest, financial or otherwise, in BCGold Corporation, Engineer Mining Corporation, or Guardsmen Resources Inc.

Respectfully Submitted:

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Bruce Coates P. Geo.

Geologist, Core Assets Consulting

December 31<sup>st</sup>, 2010



**Affidavit of Expenses**

Diamond Drilling was carried out on the Engineer Property, specifically the Northern Partnership No. 2 Crown Grant, (Property Identification Number 009-731-946, District Lot #20) in the Atlin Mining Division, from May 15th to October 19th, 2010, to the value of the following:

<b>Exploration Work type</b>	<b>Comment</b>	<b>Days</b>			<b>Totals</b>
<b>Personnel (Name)/ Position (Field Days only)</b>					
		<b>Days</b>	<b>Rate</b>	<b>Subtotal</b>	
Bruce Coates/Project Geologist	June 8-July 4; Sept 20-Oct 18	63.5	\$600.00	\$38,100.00	
Gary Sidhu/Geologist	May29-June29; Sept20-Oct8 May15-May23; May29-June5;	51	\$400.00	\$20,400.00	
Swede Martensson/Shift Boss	Sept20-Oct20	46	\$525.00	\$24,150.00	
Dave Heino/Shift Boss	May30-July1	32	\$400.00	\$12,800.00	
Barry Langley/Core Cutting	May14-July4; Sept20-Oct20	31	\$315.00	\$9,765.00	
Warren Arnholtz/Camp Manager	June4-June15	12	\$570.00	\$6,840.00	
Bob Smith/Camp Manager	May14-June5	23	\$375.00	\$8,625.00	
Zoe Currelly/Camp Cook	Sept19-Oct20	32	\$350.00	\$11,200.00	
Elsa Perner/Camp Cook	May28-July1	35	\$350.00	\$12,250.00	
				<b>\$144,130.00</b>	<b>\$144,130.00</b>
<b>Office Studies (Office days only)</b>					
Database compilation	Gary Lustig	2.0	\$1,875.00	\$3,750.00	
Computer modeling	Serge Tremblay	4.0	\$600.00	\$2,400.00	
General research	Thomas H. Bagan	1.0	\$880.00	\$880.00	
Report preparation	Bruce Coates	18.0	\$600.00	\$10,800.00	
				<b>\$17,830.00</b>	<b>\$17,830.00</b>
<b>Ground Exploration Surveys List Personnel</b>					
U/G Surveying of collars and drift	UnderHill Geomatics	2.0	\$2,176.25	\$4,352.50	
				<b>\$4,352.50</b>	<b>\$4,352.50</b>
<b>Geochemical Surveying</b>					
	<b>Number of Samples</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Drill (cuttings, core, etc.)	Ecotech: Core samples	176.0	\$44.50	\$7,832.00	
Other:					
				<b>\$7,832.00</b>	<b>\$7,832.00</b>
<b>Drilling</b>					
	<b>No. of Holes, Size of Core and Metres</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Diamond Drilling (all-in costs/m)	Lyncorp Drilling; 13 Holes; HQ, 1218 m	1218.0	\$90.31	\$110,000.00	
Fuel Costs-Camp + U/G Gensets	PineTree and North60	1.0	\$7,300.00	\$7,300.00	
Core Saw Rental (monthly)	Pothier Enterprises	2.0	\$465.00	\$930.00	
Other (specify)			\$0.00	\$0.00	
				<b>\$118,230.00</b>	<b>\$118,230.00</b>
<b>Transportation</b>					
		<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Airfare (total Invoice)	Flights to and from the Yukon		\$8,950.00	\$8,950.00	
Barge (trips)	Mobe/Demobe of UG Drill	2.00	\$4,440.00	\$8,880.00	
Expediting Costs (trip)	Rustic North	22.00	\$2,000.00	\$44,000.00	
Helicopter (hours)	Discovery Helicopters (Mobe)	2.90	\$1,040.00	\$3,016.00	



Charter Float Plane (hours)	Atlin Air (Fuel + Passengers)	5	\$750.00	\$3,750.00	
Other:					
				\$68,596.00	<b>\$68,596.00</b>
<b>Accommodation &amp; Food</b>	<b>Rates per day</b>				
Hotel	Town and Mountain Hotel	10.00	\$110.00	\$1,100.00	
Camp			\$0.00	\$0.00	
Groceries (Total Invoice)	Riverdale Super A	1.00	\$15,100.00	\$15,100.00	
				\$16,200.00	<b>\$16,200.00</b>
<b>Miscellaneous</b>					
Telephone	Total North: Com System	1.00	\$3,260.00	\$3,260.00	
Satellite Phone	InfoSat: Satellite Phone	1.00	\$160.00	\$160.00	
Field Expenses	Camp Gear; Office Supplies	1.00	\$5,400.00	\$5,400.00	
				\$8,820.00	<b>\$8,820.00</b>
<b>Equipment Rentals</b>					
	Rented from Ampex Mining: Compressor; JackLeg; Muck Machine; Generator				
Field Gear (Specify)		1.00	\$23,750.00	\$23,750.00	
Other (Specify)					
				\$23,750.00	<b>\$23,750.00</b>
<b>Freight, rock samples</b>					
Rock samples to Vancouver	Air North	1.00	\$350.00	\$350.00	
Rock Saw to and from Engineer		1.00	\$1,300.00	\$1,300.00	
				\$1,650.00	<b>\$1,650.00</b>
<b>TOTAL Expenditures</b>					<b>\$411,390.50</b>

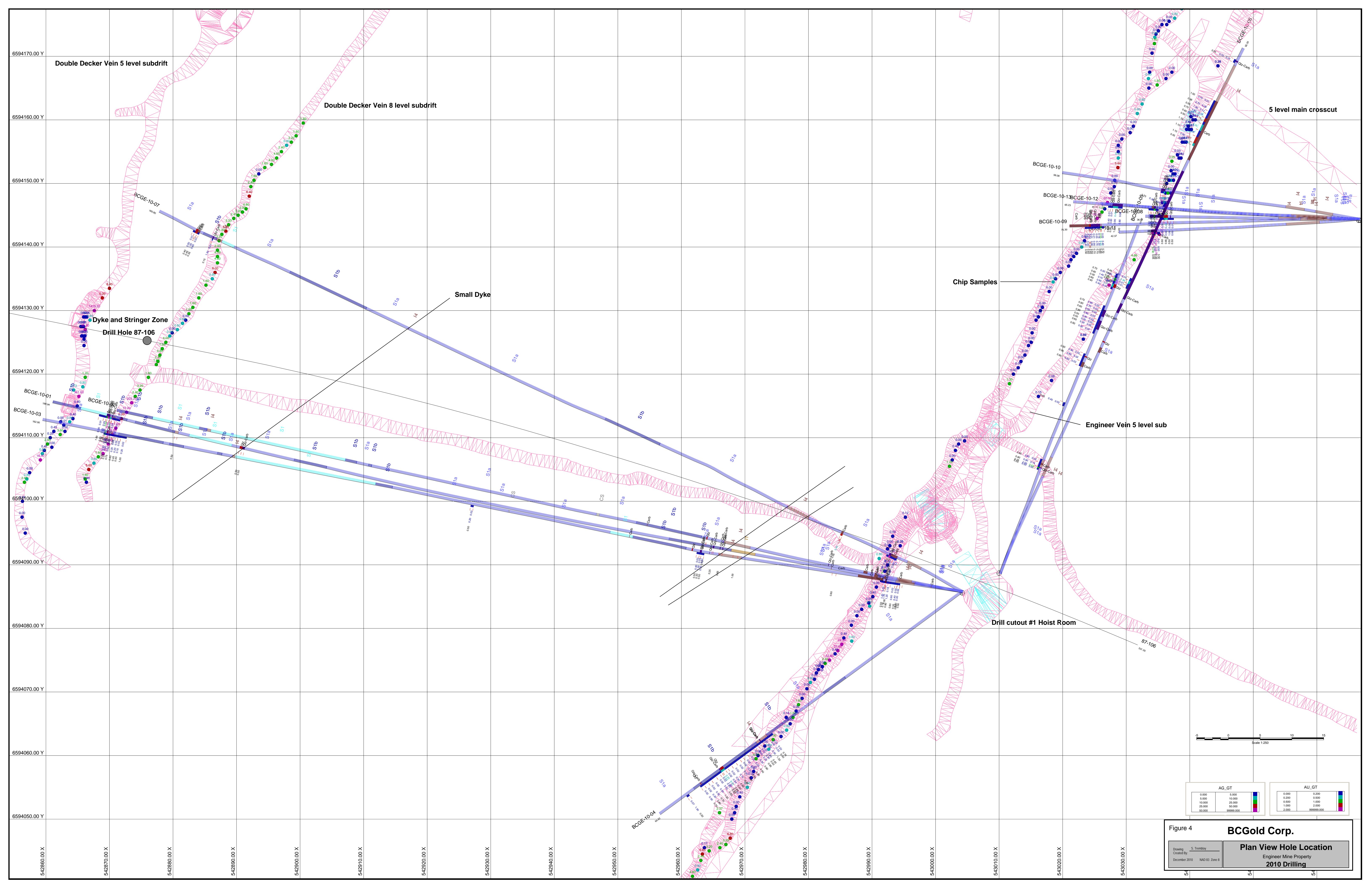
Respectfully submitted,

Bruce Coates, P. Geo.

Geologist, Core Assets Consulting

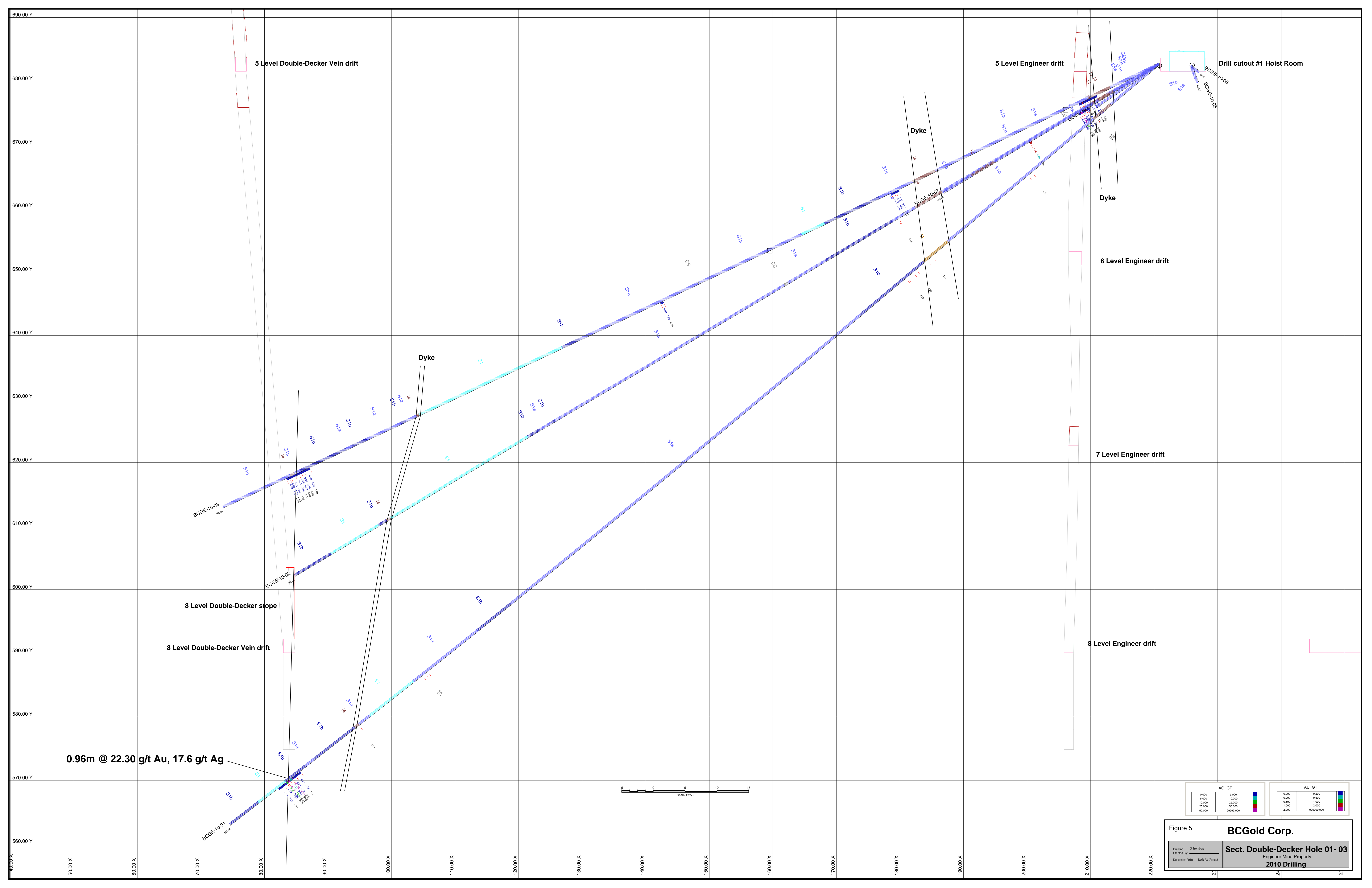
December 31<sup>st</sup>, 2010





**Figure 4**  
**BCGold Corp.**  
**Plan View Hole Location**  
 Drawing: S. Tremblay  
 Created By: December 2010 NAD 83 Zone 8  
 Engineer Mine Property  
**2010 Drilling**





5 Level Double-Decker Vein drift

5 Level Engineer drift

Drill cutout #1 Hoist Room

Dyke

Dyke

6 Level Engineer drift

Dyke

7 Level Engineer drift

8 Level Double-Decker stope

8 Level Double-Decker Vein drift

8 Level Engineer drift

0.96m @ 22.30 g/t Au, 17.6 g/t Ag

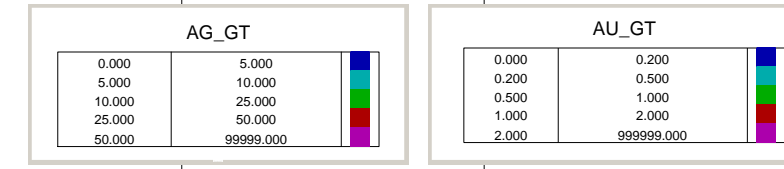
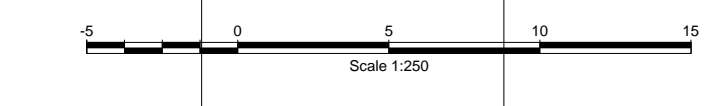


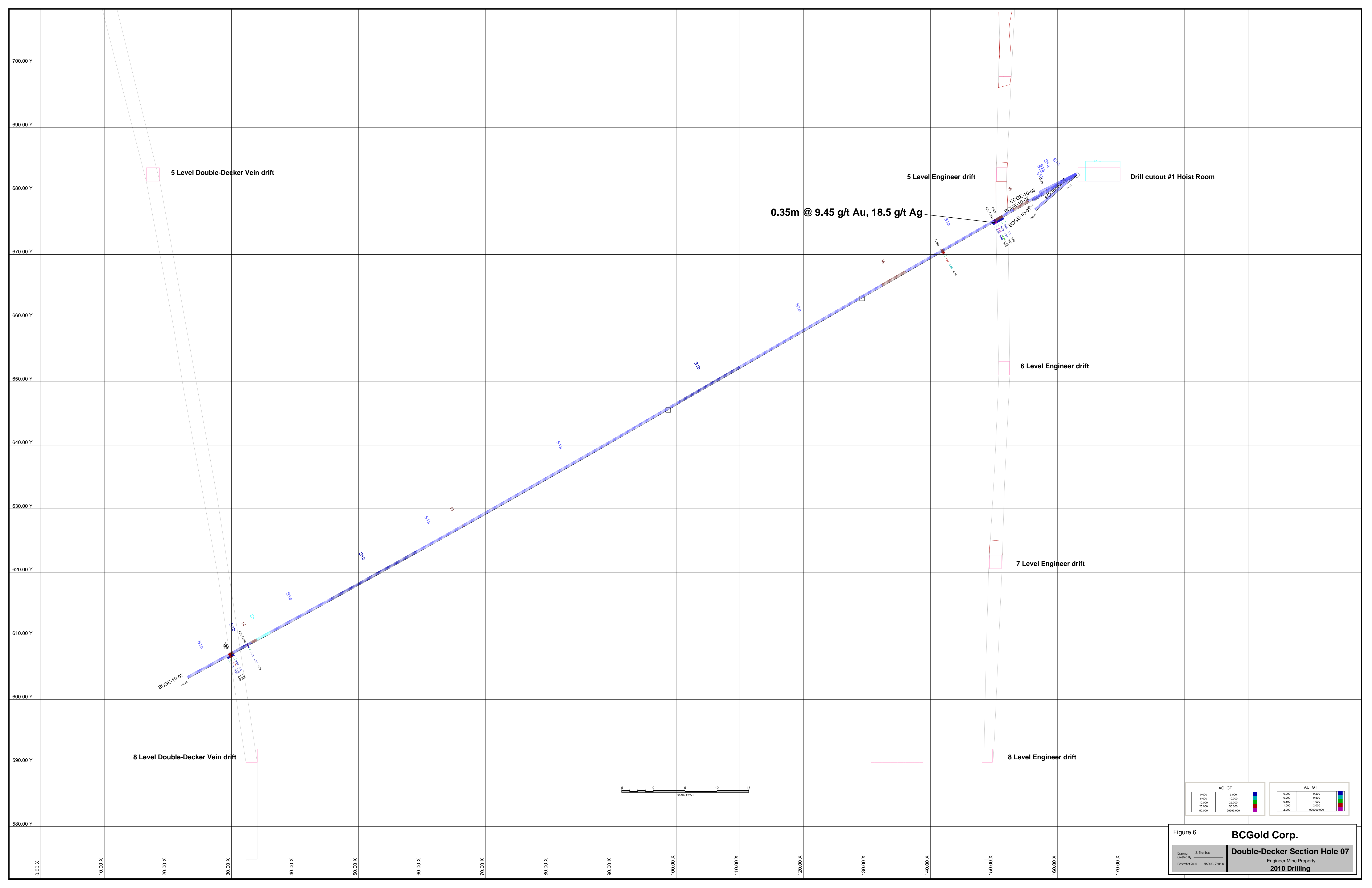
Figure 5

**BCGold Corp.**

**Sect. Double-Decker Hole 01- 03**

Engineer Mine Property  
2010 Drilling

Drawing: S Tremblay  
Created By:  
December 2010 IAD 03 Zone 8



0.35m @ 9.45 g/t Au, 18.5 g/t Ag

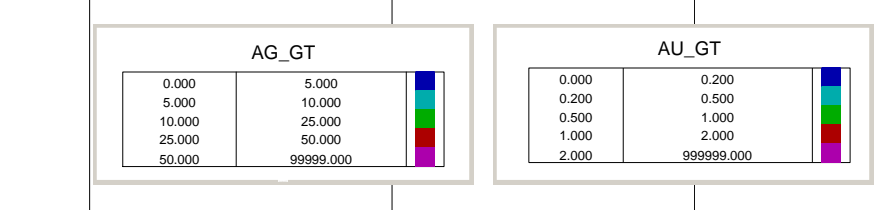
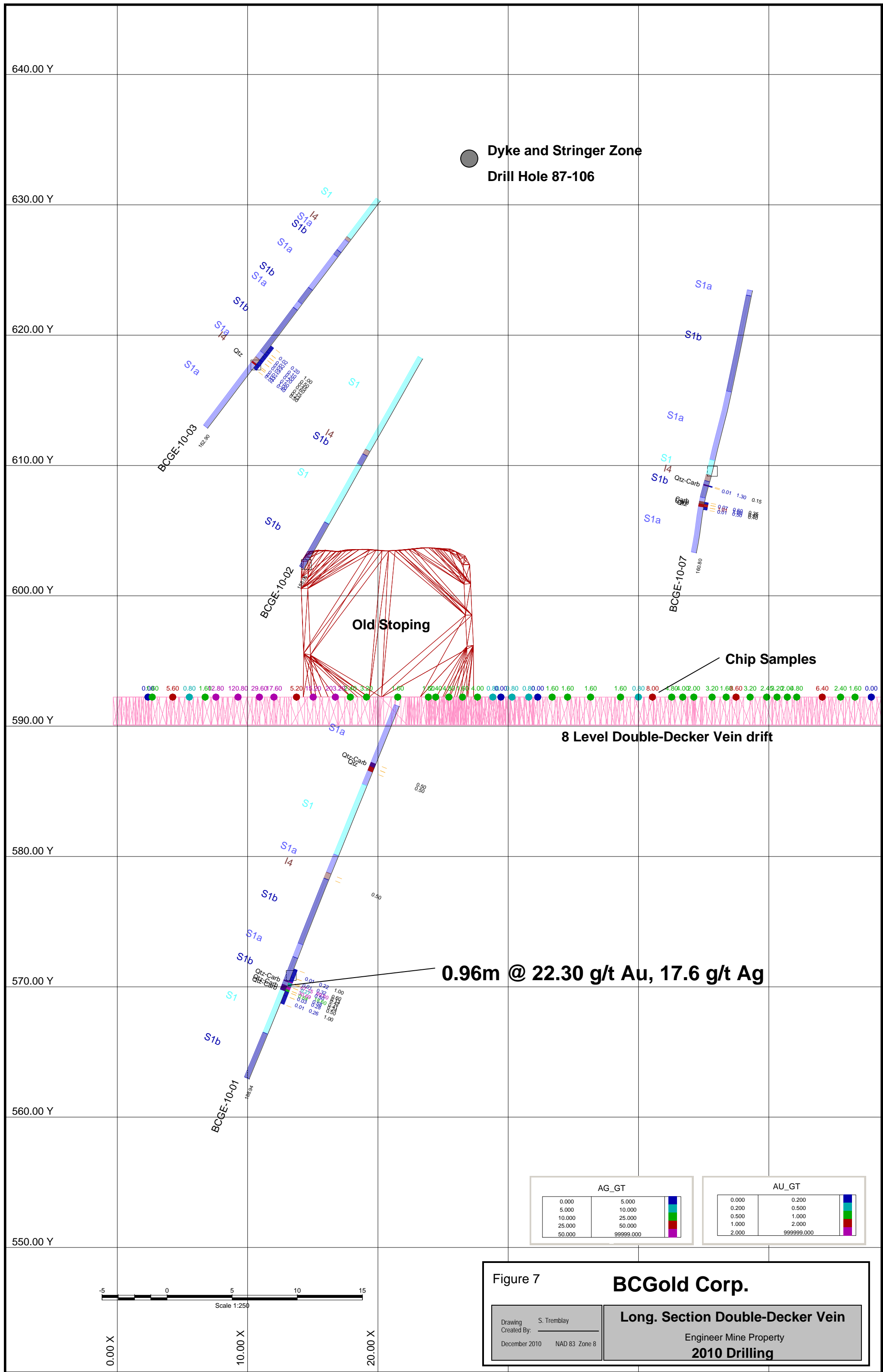


Figure 6  
**BCGold Corp.**  
**Double-Decker Section Hole 07**  
 Drawing Created By: S. Trombay  
 December 2010 NAD 83 Zone 8  
 Engineer Mine Property  
**2010 Drilling**



● Dyke and Stringer Zone  
 Drill Hole 87-106

BCGE-10-03  
 162.50

BCGE-10-02

BCGE-10-07  
 160.80

Old Stopping

Chip Samples

8 Level Double-Decker Vein drift

0.96m @ 22.30 g/t Au, 17.6 g/t Ag

AG_GT	
0.000	5.000
5.000	10.000
10.000	25.000
25.000	50.000
50.000	99999.000

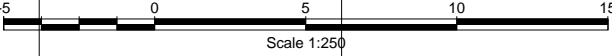
AU_GT	
0.000	0.200
0.200	0.500
0.500	1.000
1.000	2.000
2.000	999999.000

Figure 7

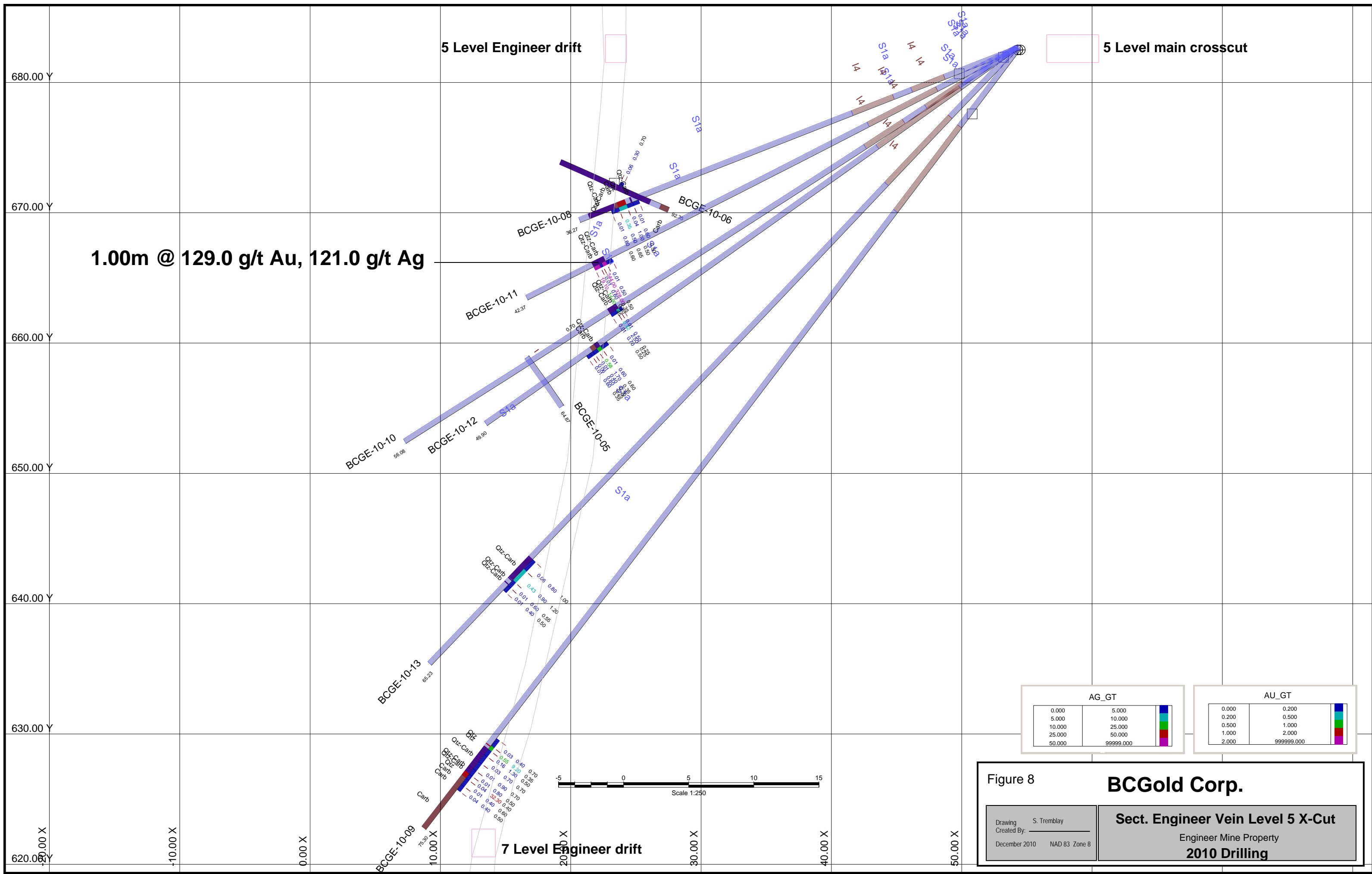
**BCGold Corp.**

Drawing Created By: S. Tremblay  
 December 2010 NAD 83 Zone 8

**Long. Section Double-Decker Vein**  
 Engineer Mine Property  
 2010 Drilling



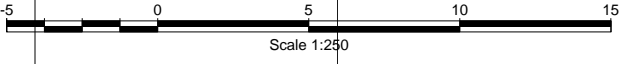
0.00 X  
 10.00 X  
 20.00 X



**1.00m @ 129.0 g/t Au, 121.0 g/t Ag**

AG_GT	
0.000	5.000
5.000	10.000
10.000	25.000
25.000	50.000
50.000	99999.000

AU_GT	
0.000	0.200
0.200	0.500
0.500	1.000
1.000	2.000
2.000	999999.000



**Figure 8**

**BCGold Corp.**

**Sect. Engineer Vein Level 5 X-Cut**

Engineer Mine Property  
2010 Drilling

Drawing Created By: S. Tremblay  
December 2010 NAD 83 Zone 8

5 Level Engineer drift

5 Level main crosscut

7 Level Engineer drift

BCGE-10-10

BCGE-10-12

BCGE-10-05

BCGE-10-11

BCGE-10-08

BCGE-10-06

BCGE-10-13

BCGE-10-09

S1a

S1a

S1a

S1a

S1a

S1a

S1a

S1a

S1a

S1a

S1a

S1a

S1a

S1a

S1a

S1a

S1a

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-10.00 X

0.00 X

10.00 X

20.00 X

30.00 X

40.00 X

50.00 X

680.00 Y

670.00 Y

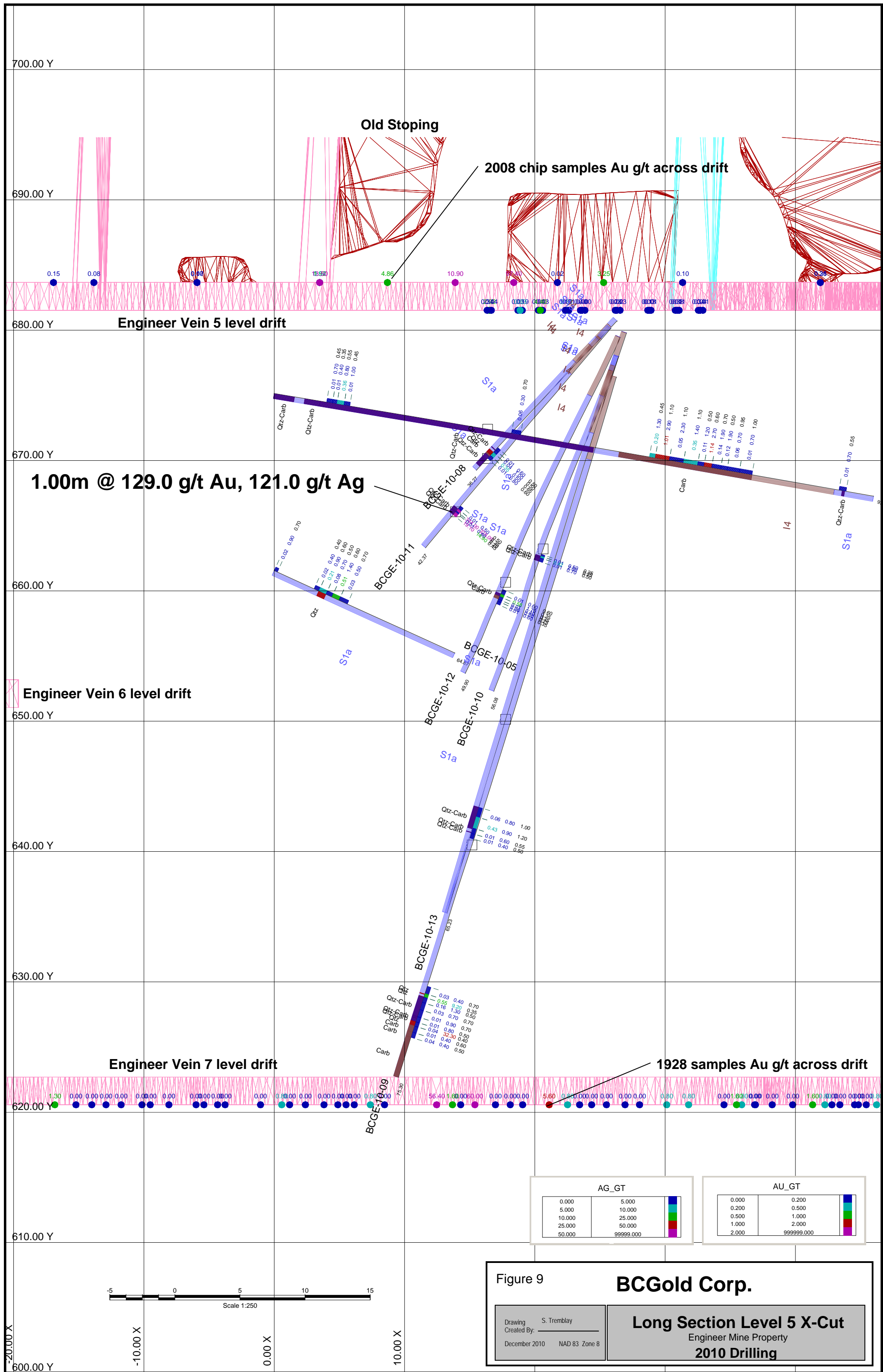
660.00 Y

650.00 Y

640.00 Y

630.00 Y

620.00 Y



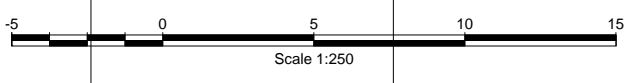
**1.00m @ 129.0 g/t Au, 121.0 g/t Ag**

**2008 chip samples Au g/t across drift**

**1928 samples Au g/t across drift**

AG_GT	
0.000	5.000
5.000	10.000
10.000	25.000
25.000	50.000
50.000	99999.000

AU_GT	
0.000	0.200
0.200	0.500
0.500	1.000
1.000	2.000
2.000	999999.000



**Figure 9** **BCGold Corp.**

Drawing: S. Tremblay  
 Created By: \_\_\_\_\_  
 December 2010 NAD 83 Zone 8

**Long Section Level 5 X-Cut**  
 Engineer Mine Property  
**2010 Drilling**

700.00 Y  
690.00 Y  
680.00 Y  
670.00 Y  
660.00 Y  
650.00 Y  
640.00 Y  
630.00 Y  
620.00 Y  
610.00 Y  
600.00 Y

-20.00 X  
-10.00 X  
0.00 X  
10.00 X

# Appendix A

## Diamond Drill Logs

## **Legend**

<b>Intrusive</b>	<b>Description</b>
I4	Medium olive green, fine grained, sometimes feldspar-phyric dykes
I3	Medium grey, aphanitic, feldspar-phyric, Py-free dykes
I2	Light grey Mgr granodiorite, py-rich dykes
I1	Pale green aphanitic, siliceous, py-rich dykes

<b>Sedimentary</b>	<b>Description</b>
S1	Undifferentiated or thinly bedded sediments
S1b	Bedded wacke
S1a	Bedded argillites
CS	Calc-silicate

### **Veins:**

<b>Vn_code</b>	<b>Description</b>
1	Stringers-minor
2	Stringers-moderate
3	Stringers-intense
4	Extensional vein
5	Breccia vein
6	Vuggy vein
7	Shear vein

### **Structure:**

<b>Str_code</b>	<b>Description</b>
S0	Bedding
S1	Shear zone A foliation
Fr	Fracture
Jn	Jointing
Ft	Fault
Sh	Shear

### **Mineralization:**

<b>Occurrence</b>	<b>Description</b>
str	Along stringers
vn	Along veins
bed	Along sedimentary beds
diss	In patches of disseminated grains
msv	Massive
dots	Dots

## Abbreviations:

LithCode	Struc	Alt_Code	Min_Code	Intensity	Color	Other	Description
S1							Argillite and Wacke (beds <1-3m scale)
S1a							
S1b							Greywacke
I1 to I4							Feldspar Porphyry Dikes
	Fol						Foliation
	Fz						Fault Zone
	Bx						Breccia
	Fr						Fractures
	Sh						Shear
		Si					Silica
		Carb					Carbonate
		Hfls					Hornfels
		Chl					Chlorite
		Cly_Talc					Clay and Talc
		Ser					Sericite
		Lim					Limonite
		Kspar					Potassium Feldspar
			Py				Pyrite
			Aspy				Arsenopyrite
			Pyhrr				Pyhrotite
			Sphal				Sphalerite
			diss				Disseminated
			ff				fracture fill
			str				Stringers
			bleb				Bleby
			drusy				Drusy
			mass				Massive
				0 or blank			absent
				1			slight
				2			moderate
				3			intense
					blk		black
					gy		grey
					grn		green
						QV	Quartz Vein
						Q/C	Quartz-Carbonate
						Lam	Laminations
						Bed	Bedding
						CA	Core Axis
						fgr	fine grained
						cgr	coarse grained
						mgr	medium grained
						T	perpendicular to
						//	parallel to
						slt	slight
						disc	discontinuous
						perv	pervasive



### Appendix A-1 - 2010 Drilling - Header Data

Hole_ID	Easting*	Northing*	Elev (m)	Azi	Dip	Length	Logged_By	Date_Log	Contractor	Core_Size	Started	Completed
BCGE-10-01	543004.2	6594085.4	684.0	280.0	-40.0	188.94	G. Sidhu & B. Coates	16-Jun-10	Lyncorp	HQ	12-Jun-10	17-Jun-08
BCGE-10-02	543004.2	6594085.4	684.2	280.0	-30.5	158.05	B. Coates	21-Jun-10	Lyncorp	HQ	18-Jun-10	22-Jun-08
BCGE-10-03	543004.2	6594085.4	684.4	279.0	-25.5	162.90	B. Coates	26-Jun-10	Lyncorp	HQ	22-Jun-10	25-Jun-08
BCGE-10-04	543005.5	6594082.8	684.4	233.0	-25.1	64.92	B. Coates	29-Jun-10	Lyncorp	HQ	26-Jun-10	27-Jun-08
BCGE-10-05	543009.4	6594089.0	684.4	20.0	-25.1	64.87	B. Coates	29-Jun-10	Lyncorp	HQ	27-Jun-10	28-Jun-08
BCGE-10-06	543009.4	6594088.7	684.7	23.5	-9.0	92.35	B. Coates	4-Oct-10	Lyncorp	HQ	29-Sep-10	2-Oct-10
BCGE-10-07	543004.2	6594144.2	684.2	296.5	-30.0	160.80	B. Coates	8-Oct-10	Lyncorp	HQ	3-Oct-10	7-Oct-08
BCGE-10-08	543066.6	6594144.2	684.4	270.0	-21.0	36.27	B. Coates	12-Oct-10	Lyncorp	HQ	7-Oct-10	10-Oct-10
BCGE-10-09	543066.6	6594144.2	684.0	270.0	-53.0	75.30	B. Coates	13-Oct-10	Lyncorp	HQ	10-Oct-10	12-Oct-10
BCGE-10-10	543066.6	6594144.6	684.2	280.0	-33.0	56.08	B. Coates	14-Oct-10	Lyncorp	HQ	12-Oct-10	14-Oct-10
BCGE-10-11	543066.6	6594143.8	684.4	264.0	-27.0	42.37	B. Coates	16-Oct-10	Lyncorp	HQ	14-Sep-10	14-Oct-10
BCGE-10-12	543066.6	6594144.2	684.3	272.0	-35.0	49.90	B. Coates	17-Oct-10	Lyncorp	HQ	15-Oct-10	15-Oct-10
BCGE-10-13	543066.6	6594144.2	684.2	272.0	-46.0	65.23	B. Coates	18-Oct-10	Lyncorp	HQ	15-Oct-10	16-Oct-10

\*NAD 83, Zone 8

**Appendix A-2**  
**2010 Drill Logs - Downhole Survey Data - Page #1**

Hole_ID	Depth	Dip	Azm	Corr_Azi	Type	Valid	Magnetic Field
BCGE-10-01	0	-40.0	257.5	280.0	N/A	Y	N/A
BCGE-10-01	45	-39.9	261.5	284.0	S	N	55851
BCGE-10-01	58.5	-40.1	257.8	280.3	S	Y	55553
BCGE-10-01	103	-40.2	263.5	286.0	S	N	56758
BCGE-10-01	137	-38.6	259.8	282.3	S	Y	55652
BCGE-10-01	114	-39.3	259.8	282.3	M	Y	55912
BCGE-10-01	117	-39.3	260.6	283.1	M	Y	55940
BCGE-10-01	120	-39.2	260.2	282.7	M	Y	55914
BCGE-10-01	123	-39.1	260.3	282.8	M	Y	55963
BCGE-10-01	126	-39.0	260.4	282.9	M	Y	55686
BCGE-10-01	129	-38.9	261.4	283.9	M	Y	55941
BCGE-10-01	132	-38.8	261.3	283.8	M	Y	55783
BCGE-10-01	135	-38.7	260.0	282.5	M	Y	56577
BCGE-10-01	138	-38.7	260.3	282.8	M	Y	55873
BCGE-10-01	141	-38.6	260.7	283.2	M	Y	55855
BCGE-10-01	144	-38.5	260.4	282.9	M	Y	55894
BCGE-10-01	147	-38.3	261.1	283.6	M	Y	55884
BCGE-10-01	150	-38.3	260.5	283.0	M	Y	55909
BCGE-10-01	153	-38.3	260.6	283.1	M	Y	55927
BCGE-10-01	156	-38.1	260.8	283.3	M	Y	55908
BCGE-10-01	159	-38.1	261.2	283.7	M	Y	55863
BCGE-10-01	162	-38.1	260.5	283.0	M	Y	55840
BCGE-10-01	165	-38.0	261.1	283.6	M	Y	55906
BCGE-10-01	168	-37.9	258.4	280.9	M	N	55888
BCGE-10-01	171	-37.7	261.7	284.2	M	Y	56082
BCGE-10-01	174	-37.7	257.4	279.9	M	N	56377
BCGE-10-01	177	-37.7	262.3	284.8	M	Y	55942
BCGE-10-01	180	-37.7	261.3	283.8	M	Y	56029
BCGE-10-01	183	-37.7	260.7	283.2	M	Y	55986
BCGE-10-01	186	-37.6	260.8	283.3	M	Y	55984
BCGE-10-02	0	-30.5	257.5	280.0	N/A	Y	N/A
BCGE-10-02	50	-30.7	260.1	282.6	S	N	55846
BCGE-10-02	70	-30.6	258.4	280.9	S	Y	56603
BCGE-10-02	116	-30.6	259.7	282.2	S	Y	55734
BCGE-10-02	137	-30.8	260.5	283.0	S	Y	55765
BCGE-10-02	0	-30.4	257.0	279.5	M	Y	56180
BCGE-10-02	3	-30.4	265.9	288.4	M	N	56183
BCGE-10-02	6	-30.4	259.1	281.6	M	Y	55636
BCGE-10-02	9	-30.5	261.4	283.9	M	N	55658
BCGE-10-02	12	-30.5	259.2	281.7	M	Y	55818
BCGE-10-02	15	-30.5	258.7	281.2	M	Y	55993
BCGE-10-02	18	-30.3	259.1	281.6	M	Y	56555
BCGE-10-02	21	-30.6	255.0	277.5	M	N	55663
BCGE-10-02	24	-30.6	254.5	277.0	M	N	56195
BCGE-10-02	27	-30.5	258.8	281.3	M	Y	55151

**Appendix A-2**  
**2010 Drill Logs - Downhole Survey Data - Page #2**

Hole_ID	Depth	Dip	Azm	Corr_Azi	Type	Valid	Magnetic Field
BCGE-10-02	30	-30.5	262.9	285.4	M	N	55262
BCGE-10-02	33	-30.4	260.3	282.8	M	Y	55820
BCGE-10-02	36	-30.5	264.1	286.6	M	N	55553
BCGE-10-02	39	-30.6	260.4	282.9	M	Y	54896
BCGE-10-02	42	-30.6	259.9	282.4	M	Y	55844
BCGE-10-02	45	-30.5	262.9	285.4	M	N	55811
BCGE-10-02	48	-30.6	259.9	282.4	M	Y	55696
BCGE-10-02	51	-30.6	260.0	282.5	M	Y	55682
BCGE-10-02	54	-30.6	260.1	282.6	M	Y	55682
BCGE-10-02	57	-30.7	260.3	282.8	M	Y	55814
BCGE-10-02	60	-30.8	259.4	281.9	M	Y	55856
BCGE-10-02	63	-30.7	259.8	282.3	M	Y	56548
BCGE-10-02	66	-30.7	258.5	281.0	M	Y	56026
BCGE-10-02	69	-30.6	258.6	281.1	M	Y	56034
BCGE-10-02	72	-30.6	259.4	281.9	M	Y	55690
BCGE-10-02	75	-30.6	260.0	282.5	M	Y	55755
BCGE-10-02	78	-30.8	259.9	282.4	M	Y	55663
BCGE-10-02	81	-30.5	259.7	282.2	M	Y	55709
BCGE-10-02	84	-30.5	260.1	282.6	M	Y	55695
BCGE-10-02	87	-30.6	259.5	282.0	M	Y	55713
BCGE-10-02	90	-30.5	259.2	281.7	M	Y	55820
BCGE-10-02	93	-30.5	260.3	282.8	M	Y	55714
BCGE-10-02	96	-30.5	260.1	282.6	M	Y	55716
BCGE-10-02	99	-30.5	259.6	282.1	M	Y	55726
BCGE-10-02	102	-30.6	260.1	282.6	M	Y	55720
BCGE-10-02	105	-30.6	259.3	281.8	M	Y	56112
BCGE-10-02	108	-30.6	259.4	281.9	M	Y	55714
BCGE-10-02	111	-30.4	260.2	282.7	M	Y	55638
BCGE-10-02	114	-30.6	260.2	282.7	M	Y	55696
BCGE-10-02	117	-30.6	259.2	281.7	M	Y	55594
BCGE-10-02	120	-30.6	259.7	282.2	M	Y	55720
BCGE-10-02	123	-30.5	260.4	282.9	M	Y	55618
BCGE-10-02	126	-30.7	259.5	282.0	M	Y	55688
BCGE-10-02	129	-30.6	260.1	282.6	M	Y	55636
BCGE-10-02	132	-30.7	259.9	282.4	M	Y	55619
BCGE-10-02	135	-30.7	259.6	282.1	M	Y	55585
BCGE-10-02	138	-30.7	259.4	281.9	M	Y	55592
BCGE-10-02	141	-30.6	259.9	282.4	M	Y	55610
BCGE-10-02	144	-30.8	260.0	282.5	M	Y	55615
BCGE-10-02	147	-30.9	259.8	282.3	M	Y	55691
BCGE-10-02	150	-30.8	259.7	282.2	M	Y	55637
BCGE-10-02	153	-30.8	259.5	282.0	M	Y	55693
BCGE-10-02	156	-30.7	259.8	282.3	M	Y	55671
BCGE-10-03	0	-25.5	256.5	279.0	N/A	Y	N/A
BCGE-10-03	29	-25.5	256.1	278.6	S	Y	56091
BCGE-10-03	87	-25.3	258.8	281.3	S	Y	55571
BCGE-10-03	134	-25.2	258.6	281.1	S	Y	55498
BCGE-10-03	2	-25.5	256.0	278.5	M	Y	55747
BCGE-10-03	5	-25.5	256.1	278.6	M	Y	55746
BCGE-10-03	8	-25.5	256.1	278.6	M	Y	55743

**Appendix A-2**  
**2010 Drill Logs - Downhole Survey Data - Page #3**

Hole_ID	Depth	Dip	Azm	Corr_Azi	Type	Valid	Magnetic Field
BCGE-10-03	11	-25.5	256.1	278.6	M	Y	55743
BCGE-10-03	14	-25.5	256.1	278.6	M	Y	55742
BCGE-10-03	17	-25.5	256.1	278.6	M	Y	55742
BCGE-10-03	20	-25.5	256.2	278.7	M	Y	55742
BCGE-10-03	23	-25.5	256.1	278.6	M	Y	55742
BCGE-10-03	26	-25.5	256.2	278.7	M	Y	55747
BCGE-10-03	29	-25.5	259.0	281.5	M	N	55606
BCGE-10-03	32	-25.6	261.1	283.6	M	N	55344
BCGE-10-03	35	-25.5	259.7	282.2	M	N	55510
BCGE-10-03	38	-25.4	257.9	280.4	M	Y	55322
BCGE-10-03	41	-25.6	256.3	278.8	M	Y	56080
BCGE-10-03	44	-25.4	256.4	278.9	M	Y	55729
BCGE-10-03	47	-25.4	258.9	281.4	M	Y	55722
BCGE-10-03	50	-25.5	260.7	283.2	M	Y	55576
BCGE-10-03	53	-25.3	258.6	281.1	M	Y	55535
BCGE-10-03	56	-25.4	259.7	282.2	M	Y	55548
BCGE-10-03	59	-25.3	259.1	281.6	M	Y	55553
BCGE-10-03	62	-25.4	259.2	281.7	M	Y	55577
BCGE-10-03	65	-25.3	259.5	282.0	M	Y	55550
BCGE-10-03	68	-25.4	256.5	279.0	M	N	56183
BCGE-10-03	71	-25.3	259.4	281.9	M	Y	56527
BCGE-10-03	74	-25.2	259.6	282.1	M	Y	55649
BCGE-10-03	77	-25.3	258.6	281.1	M	Y	55721
BCGE-10-03	80	-25.2	258.7	281.2	M	Y	55605
BCGE-10-03	83	-25.4	259.2	281.7	M	Y	55535
BCGE-10-03	86	-25.3	258.7	281.2	M	Y	55634
BCGE-10-03	89	-25.2	259.3	281.8	M	Y	55669
BCGE-10-03	92	-25.2	259.1	281.6	M	Y	55611
BCGE-10-03	95	-25.1	259.2	281.7	M	Y	55442
BCGE-10-03	98	-25.2	259.8	282.3	M	Y	55742
BCGE-10-03	101	-25.2	258.6	281.1	M	Y	55819
BCGE-10-03	104	-25.2	258.3	280.8	M	Y	55694
BCGE-10-03	107	-25.2	258.0	280.5	M	Y	55839
BCGE-10-03	110	-25.1	258.7	281.2	M	Y	55613
BCGE-10-03	113	-25.3	258.6	281.1	M	Y	55764
BCGE-10-03	116	-25.2	258.6	281.1	M	Y	55577
BCGE-10-03	119	-25.3	258.3	280.8	M	Y	55717
BCGE-10-03	122	-25.3	258.7	281.2	M	Y	55604
BCGE-10-03	125	-25.1	258.4	280.9	M	Y	55598
BCGE-10-03	128	-25.2	258.6	281.1	M	Y	55584
BCGE-10-03	131	-25.3	258.4	280.9	M	Y	55597
BCGE-10-03	134	-25.1	258.5	281.0	M	Y	55590
BCGE-10-03	137	-25.3	259.4	281.9	M	N	55931
BCGE-10-03	140	-25.1	258.5	281.0	M	Y	55635
BCGE-10-03	143	-25.2	259.1	281.6	M	Y	55190
BCGE-10-03	146	-25.1	258.4	280.9	M	Y	55791
BCGE-10-03	149	-25.1	258.1	280.6	M	Y	55534
BCGE-10-03	152	-25.2	258.1	280.6	M	Y	55544
BCGE-10-03	155	-25.1	258.6	281.1	M	Y	55593
BCGE-10-03	158	-25.2	258.7	281.2	M	Y	55585

**Appendix A-2**  
**2010 Drill Logs - Downhole Survey Data - Page #4**

Hole_ID	Depth	Dip	Azm	Corr_Azi	Type	Valid	Magnetic Field
BCGE-10-03	161	-25.1	258.3	280.8	M	Y	55631
BCGE-10-04	0	-25.1	210.5	233.0	N/A	Y	N/A
BCGE-10-04	29	-25.3	212.0	234.5	S	Y	56576
BCGE-10-04	9	-25.2	221.4	243.9	M	N	58447
BCGE-10-04	12	-25.1	211.4	233.9	M	Y	56870
BCGE-10-04	15	-25.1	204.9	227.4	M	N	56359
BCGE-10-04	18	-24.9	214.7	237.2	M	N	55567
BCGE-10-04	21	-24.6	212.9	235.4	M	N	55959
BCGE-10-04	24	-24.9	211.1	233.6	M	Y	55372
BCGE-10-04	27	-24.9	211.8	234.3	M	Y	56151
BCGE-10-04	30	-24.8	210.5	233.0	M	Y	55426
BCGE-10-04	33	-24.9	211.2	233.7	M	Y	55454
BCGE-10-04	36	-24.7	210.9	233.4	M	Y	55435
BCGE-10-04	39	-24.7	211.1	233.6	M	Y	55511
BCGE-10-04	42	-24.6	211.1	233.6	M	Y	55702
BCGE-10-04	45	-24.5	211.2	233.7	M	Y	56063
BCGE-10-04	48	-24.6	211.3	233.8	M	Y	55801
BCGE-10-04	51	-24.4	222.8	245.3	M	N	13745
BCGE-10-04	54	-24.5	342.4	364.9	M	N	46168
BCGE-10-04	57	-24.8	199.0	221.5	M	N	14297
BCGE-10-04	60	-24.5	183.8	206.3	M	N	11275
BCGE-10-04	63	-24.7	134.6	157.1	M	N	15748
BCGE-10-05	0	-25.1	357.5	20.0	NA	Y	N/A
BCGE-10-05	1	-1.9	48.5	71.0	M	N	51748
BCGE-10-05	1	-1.9	48.4	70.9	M	N	51768
BCGE-10-05	1	-1.9	48.6	71.1	M	N	51771
BCGE-10-05	4	-2.0	48.7	71.2	M	N	51774
BCGE-10-05	7	-2.1	48.9	71.4	M	N	51777
BCGE-10-05	10	-25.2	359.6	22.1	M	Y	54127
BCGE-10-05	13	-25.1	358.8	21.3	M	Y	54776
BCGE-10-05	16	-25.1	356.5	19.0	M	Y	54844
BCGE-10-05	19	-25.2	358.5	21.0	M	Y	55350
BCGE-10-05	22	-25.0	358.3	20.8	M	Y	55449
BCGE-10-05	25	-25.0	359.1	21.6	M	Y	55002
BCGE-10-05	28	-25.0	0.7	23.2	M	Y	56029
BCGE-10-05	31	-24.9	0.4	22.9	M	Y	56147
BCGE-10-05	34	-24.8	359.9	22.4	M	Y	55083
BCGE-10-05	37	-24.8	359.5	22.0	M	Y	55180
BCGE-10-05	40	-24.8	0.8	23.3	M	Y	55565
BCGE-10-05	43	-24.7	359.8	22.3	M	Y	55536
BCGE-10-05	46	-24.6	359.6	22.1	M	Y	55624
BCGE-10-05	49	-24.6	359.7	22.2	M	Y	55671
BCGE-10-05	52	-24.6	359.4	21.9	M	Y	55679
BCGE-10-05	55	-24.6	358.9	21.4	M	Y	55798
BCGE-10-05	58	-24.4	359.0	21.5	M	Y	55817
BCGE-10-05	61	-24.3	359.1	21.6	M	Y	55141
BCGE-10-05	64	-24.6	357.5	20.0	M	Y	55675
BCGE-10-06	0	-9.0	357.5	20.0	N/A	Y	N/A
BCGE-10-06	7.0	-9.0	1.9	24.4	M	Y	56153
BCGE-10-06	10.1	-9.0	357.1	19.6	M	Y	54483

**Appendix A-2**  
**2010 Drill Logs - Downhole Survey Data - Page #5**

Hole_ID	Depth	Dip	Azm	Corr_Azi	Type	Valid	Magnetic Field
BCGE-10-06	13.1	-9.1	6.3	28.8	M	Y	54948
BCGE-10-06	16.2	-9.3	5.4	27.9	M	Y	54678
BCGE-10-06	19.2	-9.3	3.3	25.8	M	Y	55447
BCGE-10-06	22.3	-9.3	2.3	24.8	M	Y	55685
BCGE-10-06	25.3	-9.3	2.0	24.5	M	Y	55383
BCGE-10-06	28.3	-9.4	1.6	24.1	M	Y	55196
BCGE-10-06	31.4	-9.5	3.4	25.9	M	Y	54730
BCGE-10-06	34.4	-9.5	1.5	24.0	M	Y	55324
BCGE-10-06	37.5	-9.5	3.2	25.7	M	Y	55643
BCGE-10-06	40.5	-9.5	2.3	24.8	M	Y	55387
BCGE-10-06	43.6	-9.6	4.8	27.3	M	Y	55240
BCGE-10-06	46.6	-9.5	3.0	25.5	M	Y	55899
BCGE-10-06	49.7	-9.5	3.7	26.2	M	Y	55397
BCGE-10-06	52.7	-9.4	2.9	25.4	M	Y	55897
BCGE-10-06	55.8	-9.5	1.5	24.0	M	Y	55735
BCGE-10-06	58.8	-9.5	2.3	24.8	M	Y	55670
BCGE-10-06	61.9	-9.7	1.5	24.0	M	Y	55459
BCGE-10-06	64.9	-9.7	1.7	24.2	M	Y	55621
BCGE-10-06	68.0	-9.7	3.1	25.6	M	Y	55453
BCGE-10-06	71.0	-9.7	3.7	26.2	M	Y	55638
BCGE-10-06	74.1	-9.8	3.4	25.9	M	Y	55770
BCGE-10-06	77.1	-9.8	2.9	25.4	M	Y	55758
BCGE-10-06	80.2	-9.9	3.6	26.1	M	Y	55656
BCGE-10-06	83.2	-9.9	4.0	26.5	M	Y	55381
BCGE-10-06	86.3	-10.0	4.0	26.5	M	Y	55625
BCGE-10-06	89.3	-10.0	3.9	26.4	M	Y	55616
BCGE-10-07	0	-30.0	274.0	296.5	N/A	Y	N/A
BCGE-10-07	4.0	-29.7	278.8	301.3	M	Y	56744
BCGE-10-07	7.0	-29.7	275.8	298.3	M	Y	56588
BCGE-10-07	10.1	-29.7	273.6	296.1	M	Y	56633
BCGE-10-07	13.1	-29.7	269.5	292.0	M	Y	56323
BCGE-10-07	16.2	-29.7	274.3	296.8	M	Y	55798
BCGE-10-07	19.2	-29.7	272.5	295.0	M	Y	56632
BCGE-10-07	22.3	-29.7	270.4	292.9	M	Y	56045
BCGE-10-07	25.3	-29.8	270.5	293.0	M	Y	55877
BCGE-10-07	28.3	-29.9	270.0	292.5	M	Y	55407
BCGE-10-07	31.4	-29.9	275.9	298.4	M	Y	56034
BCGE-10-07	34.4	-29.9	272.9	295.4	M	Y	55657
BCGE-10-07	37.5	-29.9	274.8	297.3	M	Y	55489
BCGE-10-07	40.5	-29.9	275.9	298.4	M	Y	55678
BCGE-10-07	43.6	-29.9	272.8	295.3	M	Y	56101
BCGE-10-07	46.6	-30.0	275.5	298.0	M	Y	54455
BCGE-10-07	49.7	-29.9	277.9	300.4	M	Y	55577
BCGE-10-07	52.7	-29.9	269.6	292.1	M	Y	55452
BCGE-10-07	55.8	-29.9	272.3	294.8	M	Y	55534
BCGE-10-07	58.8	-30.0	271.3	293.8	M	Y	55625
BCGE-10-07	61.9	-29.9	272.9	295.4	M	Y	55641
BCGE-10-07	64.9	-29.9	272.4	294.9	M	Y	55551
BCGE-10-07	68.0	-47.8	220.8	243.3	M	N	55502
BCGE-10-07	71.0	-29.9	272.3	294.8	M	Y	55495

**Appendix A-2**  
**2010 Drill Logs - Downhole Survey Data - Page #6**

Hole_ID	Depth	Dip	Azm	Corr_Azi	Type	Valid	Magnetic Field
BCGE-10-07	74.1	-30.0	269.2	291.7	M	Y	56077
BCGE-10-07	77.1	-30.0	269.8	292.3	M	Y	56182
BCGE-10-07	80.2	-30.0	272.5	295.0	M	Y	55701
BCGE-10-07	83.2	-30.0	272.9	295.4	M	Y	55532
BCGE-10-07	86.3	-29.9	271.7	294.2	M	Y	55489
BCGE-10-07	89.3	-29.7	272.9	295.4	M	Y	55698
BCGE-10-07	92.4	-29.7	272.4	294.9	M	Y	55641
BCGE-10-07	95.4	-29.7	273.2	295.7	M	Y	56200
BCGE-10-07	98.5	-29.7	272.5	295.0	M	Y	55567
BCGE-10-07	101.5	-29.6	272.8	295.3	M	Y	55556
BCGE-10-07	104.5	-29.6	273.1	295.6	M	Y	55527
BCGE-10-07	107.6	-29.5	272.7	295.2	M	Y	55449
BCGE-10-07	110.6	-29.5	272.9	295.4	M	Y	55548
BCGE-10-07	113.7	-29.2	273.1	295.6	M	Y	55506
BCGE-10-07	116.7	-29.3	272.9	295.4	M	Y	55595
BCGE-10-07	119.8	-29.2	272.7	295.2	M	Y	55505
BCGE-10-07	122.8	-28.9	273.2	295.7	M	Y	55464
BCGE-10-07	125.9	-29.0	272.8	295.3	M	Y	55574
BCGE-10-07	128.9	-29.0	273.0	295.5	M	Y	55496
BCGE-10-07	132.0	-29.0	272.3	294.8	M	Y	55709
BCGE-10-07	135.0	-28.7	273.1	295.6	M	Y	55739
BCGE-10-07	138.1	-28.6	271.9	294.4	M	Y	55771
BCGE-10-07	141.1	-28.6	270.7	293.2	M	Y	55679
BCGE-10-07	144.2	-28.6	272.2	294.7	M	Y	55690
BCGE-10-07	147.2	-28.5	272.1	294.6	M	Y	55799
BCGE-10-07	150.3	-28.6	270.2	292.7	M	Y	55226
BCGE-10-07	153.3	-28.6	273.9	296.4	M	Y	55729
BCGE-10-07	156.4	-28.6	275.8	298.3	M	Y	55904
BCGE-10-07	159.4	-28.5	273.4	295.9	M	Y	55667
BCGE-10-08	0	-21.0	247.5	270.0	N/A	Y	N/A
BCGE-10-08	4.0	-21.6	248.2	270.7	M	Y	55204
BCGE-10-08	7.0	-21.5	248.4	270.9	M	Y	55356
BCGE-10-08	10.1	-21.4	247.6	270.1	M	Y	55498
BCGE-10-08	13.1	-21.4	247.8	270.3	M	Y	55592
BCGE-10-08	16.2	-21.4	248.5	271.0	M	Y	55791
BCGE-10-08	19.2	-21.4	244.9	267.4	M	N	56520
BCGE-10-09	0.0	-53.0	247.5	270.0	N/A	Y	N/A
BCGE-10-09	7.0	-53.0	247.3	269.8	M	Y	55850
BCGE-10-09	10.1	-53.0	246.9	269.4	M	Y	55707
BCGE-10-09	13.1	-52.7	247.0	269.5	M	Y	55640
BCGE-10-09	16.2	-52.9	246.4	268.9	M	Y	55628
BCGE-10-09	19.2	-52.7	245.8	268.3	M	Y	55668
BCGE-10-09	22.3	-52.9	245.5	268.0	M	Y	55681
BCGE-10-09	25.3	-52.8	245.7	268.2	M	Y	55722
BCGE-10-09	28.3	-52.8	245.7	268.2	M	Y	55739
BCGE-10-09	31.4	-52.8	246.2	268.7	M	Y	55760
BCGE-10-09	34.4	-52.7	246.0	268.5	M	Y	55739
BCGE-10-09	37.5	-52.6	246.2	268.7	M	Y	55810
BCGE-10-09	40.5	-52.6	246.4	268.9	M	Y	55793
BCGE-10-09	43.6	-52.5	246.0	268.5	M	Y	55751

**Appendix A-2**  
**2010 Drill Logs - Downhole Survey Data - Page #7**

Hole_ID	Depth	Dip	Azm	Corr_Azi	Type	Valid	Magnetic Field
BCGE-10-09	46.6	-52.5	246.0	268.5	M	Y	55769
BCGE-10-09	49.7	-52.4	245.7	268.2	M	Y	55718
BCGE-10-09	52.7	-52.4	245.1	267.6	M	Y	55808
BCGE-10-09	55.8	-52.4	244.4	266.9	M	Y	55671
BCGE-10-09	58.8	-52.4	247.1	269.6	M	Y	56015
BCGE-10-09	61.9	-52.4	246.3	268.8	M	Y	55423
BCGE-10-09	64.9	-52.3	245.7	268.2	M	Y	55541
BCGE-10-09	68.0	-52.3	244.9	267.4	M	Y	55565
BCGE-10-09	71.0	-52.2	246.0	268.5	M	Y	55430
BCGE-10-09	74.1	-52.1	246.9	269.4	M	Y	55417
BCGE-10-10	0	-33.0	257.5	280.0	N/A	Y	N/A
BCGE-10-10	7.3	-33.0	257.3	279.8	M	Y	55728
BCGE-10-10	10.4	-33.0	257.1	279.6	M	Y	55722
BCGE-10-10	13.4	-32.9	255.6	278.1	M	Y	55732
BCGE-10-10	16.5	-32.8	255.0	277.5	M	Y	55619
BCGE-10-10	19.5	-32.7	254.1	276.6	M	Y	55575
BCGE-10-10	22.6	-32.6	254.4	276.9	M	Y	55814
BCGE-10-10	25.6	-32.6	255.1	277.6	M	Y	55759
BCGE-10-10	28.7	-32.5	255.8	278.3	M	Y	55923
BCGE-10-10	31.7	-32.5	254.5	277.0	M	Y	56441
BCGE-10-10	34.7	-32.4	257.2	279.7	M	Y	56262
BCGE-10-10	37.8	-32.4	257.5	280.0	M	Y	55524
BCGE-10-10	40.8	-32.3	258.7	281.2	M	Y	55689
BCGE-10-10	43.9	-32.3	261.0	283.5	M	Y	55895
BCGE-10-10	46.9	-32.2	254.6	277.1	M	Y	55444
BCGE-10-10	50.0	-32.2	257.1	279.6	M	Y	55466
BCGE-10-10	53.0	-32.3	255.9	278.4	M	Y	54976
BCGE-10-11	0	-27.0	241.5	264.0	N/A	Y	N/A
BCGE-10-11	1.2	-27.3	242.1	264.6	M	Y	55368
BCGE-10-11	4.3	-27.3	242.8	265.3	M	Y	55473
BCGE-10-11	7.3	-27.3	244.5	267.0	M	Y	55519
BCGE-10-11	10.4	-27.2	243.7	266.2	M	Y	55494
BCGE-10-11	13.4	-27.1	244.8	267.3	M	Y	55505
BCGE-10-11	16.5	-27.0	243.9	266.4	M	Y	55727
BCGE-10-11	19.5	-26.9	243.1	265.6	M	Y	56163
BCGE-10-11	22.6	-26.9	244.9	267.4	M	Y	56156
BCGE-10-11	25.6	-26.8	245.8	268.3	M	Y	56166
BCGE-10-11	28.7	-26.8	245.0	267.5	M	Y	55626
BCGE-10-11	31.7	-26.7	244.4	266.9	M	Y	55616
BCGE-10-11	34.7	-26.6	245.4	267.9	M	Y	55605
BCGE-10-12	0	-35.0	249.5	272.0	N/A	Y	N/A
BCGE-10-12	4.3	-35.6	252.5	275.0	M	Y	55690
BCGE-10-12	7.3	-35.5	250.5	273.0	M	Y	55607
BCGE-10-12	10.4	-35.5	249.9	272.4	M	Y	55579
BCGE-10-12	13.4	-35.5	248.2	270.7	M	Y	55676
BCGE-10-12	16.5	-35.3	249.4	271.9	M	Y	55722
BCGE-10-12	19.5	-35.3	249.5	272.0	M	Y	55783
BCGE-10-12	22.6	-35.4	249.8	272.3	M	Y	56118
BCGE-10-12	25.6	-35.4	250.2	272.7	M	Y	55579
BCGE-10-12	28.7	-35.3	251.0	273.5	M	Y	56090



**Appendix A-2**  
**2010 Drill Logs - Downhole Survey Data - Page #8**

Hole_ID	Depth	Dip	Azm	Corr_Azi	Type	Valid	Magnetic Field
BCGE-10-12	31.7	-35.1	252.8	275.3	M	Y	55495
BCGE-10-12	34.7	-35.1	252.9	275.4	M	Y	55800
BCGE-10-12	37.8	-35.2	253.2	275.7	M	Y	55840
BCGE-10-12	40.8	-35.2	251.1	273.6	M	Y	55708
BCGE-10-12	43.9	-35.2	254.3	276.8	M	Y	55814
BCGE-10-12	46.9	-35.0	250.2	272.7	M	Y	54765
BCGE-10-13	0	-46.0	249.5	272.0	N/A	Y	N/A
BCGE-10-13	13.4	-46.7	250.2	272.7	S	Y	55759
BCGE-10-13	28.7	-46.4	251.4	273.9	S	Y	55850
BCGE-10-13	43.9	-46.3	251.1	273.6	S	Y	55664
BCGE-10-13	59.1	-46.3	251.9	274.4	S	Y	55515

**APPENDIX A-3**  
**2010 Drill Logs - Geotechnical Data - Page #1**

Hole_ID	FROM	TO	RUN	RECOVRY	RECOVRY%	RQD	RQD%	STRENGTH	NOTES
BCGE-10-01	0.00	3.05	3.05	2.60	85.2	2.00	76.9	5	
BCGE-10-01	3.05	6.10	3.05	2.90	95.1	2.70	93.1	5	
BCGE-10-01	6.10	9.14	3.04	3.30	108.6	2.50	75.8	5	
BCGE-10-01	9.14	12.19	3.05	3.00	98.4	2.75	91.7	5	
BCGE-10-01	12.19	15.24	3.05	3.20	104.9	1.97	61.6	5	
BCGE-10-01	15.24	18.29	3.05	3.05	100.0	2.10	68.9	5	
BCGE-10-01	18.29	21.34	3.05	3.10	101.6	2.62	84.5	5	
BCGE-10-01	21.34	24.38	3.04	3.30	108.6	1.94	58.8	5	
BCGE-10-01	24.38	27.43	3.05	2.95	96.7	2.20	74.6	5	
BCGE-10-01	27.43	30.48	3.05	3.20	104.9	2.43	75.9	5	
BCGE-10-01	30.48	33.53	3.05	3.05	100.0	1.92	63.0	5	
BCGE-10-01	33.53	36.58	3.05	2.97	97.4	2.17	73.1	5	
BCGE-10-01	36.58	39.62	3.04	3.20	105.3	2.32	72.5	5	
BCGE-10-01	39.62	42.67	3.05	2.90	95.1	2.45	84.5	5	
BCGE-10-01	42.67	45.72	3.05	3.09	101.3	2.79	90.3	5	
BCGE-10-01	45.72	48.77	3.05	3.10	101.6	2.45	79.0	5	
BCGE-10-01	48.77	51.82	3.05	3.16	103.6	2.57	81.3	5	
BCGE-10-01	51.82	54.86	3.04	3.10	102.0	2.75	88.7	5	
BCGE-10-01	54.86	57.91	3.05	3.07	100.7	2.91	94.8	5	
BCGE-10-01	57.91	60.96	3.05	2.92	95.7	2.49	85.3	5	
BCGE-10-01	60.96	64.01	3.05	2.94	96.4	2.67	90.8	5	
BCGE-10-01	64.01	67.06	3.05	2.94	96.4	2.37	80.6	5	
BCGE-10-01	67.06	70.10	3.04	3.00	98.7	2.76	92.0	5	
BCGE-10-01	70.10	73.15	3.05	3.01	98.7	2.83	94.0	5	
BCGE-10-01	73.15	76.20	3.05	3.11	102.0	2.62	84.2	5	
BCGE-10-01	76.20	79.25	3.05	3.02	99.0	2.66	88.1	5	
BCGE-10-01	79.25	82.30	3.05	3.09	101.3	1.59	51.5	5	
BCGE-10-01	82.30	85.34	3.04	3.04	100.0	2.49	81.9	5	
BCGE-10-01	85.34	88.39	3.05	3.06	100.3	2.24	73.2	5	
BCGE-10-01	88.39	91.44	3.05	3.05	100.0	2.63	86.2	5	
BCGE-10-01	91.44	94.49	3.05	2.99	98.0	2.67	89.3	5	
BCGE-10-01	94.49	97.54	3.05	3.20	104.9	2.46	76.9	5	
BCGE-10-01	97.54	100.58	3.04	2.96	97.4	2.54	85.8	5	
BCGE-10-01	100.58	103.63	3.05	2.91	95.4	2.60	89.3	5	
BCGE-10-01	103.63	106.68	3.05	3.17	103.9	2.92	92.1	5	
BCGE-10-01	106.68	109.74	3.06	2.94	96.1	2.32	78.9	5	
BCGE-10-01	109.74	112.78	3.04	2.97	97.7	2.71	91.2	5	
BCGE-10-01	112.78	115.82	3.04	3.06	100.7	2.79	91.2	5	
BCGE-10-01	115.82	118.87	3.05	3.05	100.0	2.36	77.4	5	
BCGE-10-01	118.87	121.92	3.05	2.96	97.0	2.07	69.9	5	
BCGE-10-01	121.92	124.97	3.05	2.70	88.5	1.53	56.7	5	124.2-126.7 Fractured and broken, with some core loss?
BCGE-10-01	124.97	128.02	3.05	2.40	78.7	1.72	71.7	5	
BCGE-10-01	128.02	131.06	3.04	2.70	88.8	2.54	94.1	5	
BCGE-10-01	131.06	134.11	3.05	3.10	101.6	2.88	92.9	5	
BCGE-10-01	134.11	137.16	3.05	2.89	94.8	2.56	88.6	5	
BCGE-10-01	137.16	140.21	3.05	2.77	90.8	2.44	88.1	5	
BCGE-10-01	140.21	143.26	3.05	3.14	103.0	3.04	96.8	5	
BCGE-10-01	143.26	146.30	3.04	3.01	99.0	1.59	52.8	5	
BCGE-10-01	146.30	149.35	3.05	3.08	101.0	2.39	77.6	5	
BCGE-10-01	149.35	152.40	3.05	3.00	98.4	2.69	89.7	5	
BCGE-10-01	152.40	155.45	3.05	3.14	103.0	2.94	93.6	5	
BCGE-10-01	155.45	158.54	3.09	3.10	100.3	3.00	96.8	5	
BCGE-10-01	158.54	161.50	2.96	3.06	103.4	2.88	94.1	5	
BCGE-10-01	161.50	164.59	3.09	3.12	101.0	2.57	82.4	5	

**APPENDIX A-3**  
**2010 Drill Logs - Geotechnical Data - Page #2**

Hole_ID	FROM	TO	RUN	RECOVRY	RECOVRY%	RQD	RQD%	STRENGTH	NOTES
BCGE-10-01	164.59	167.64	3.05	3.12	102.3	2.73	87.5	5	
BCGE-10-01	167.64	170.69	3.05	3.11	102.0	2.75	88.4	5	
BCGE-10-01	170.69	173.74	3.05	3.08	101.0	2.25	73.1	5	Plus
BCGE-10-01	173.74	176.78	3.04	2.96	97.4	1.65	55.7	5	Measured after cutting
BCGE-10-01	176.78	179.83	3.05	3.10	101.6	2.62	84.5	5	samples
BCGE-10-01	179.83	182.88	3.05	3.02	99.0	3.02	100.0	5	
BCGE-10-01	182.88	185.93	3.05	3.03	99.3	2.95	97.4	5	
BCGE-10-01	185.93	188.94	3.01	3.01	100.0	3.00	99.7	5	
BCGE-10-02	0.00	3.05	3.05	3.27	107.2	2.84	86.9	5	
BCGE-10-02	3.05	6.10	3.05	3.15	103.3	2.66	84.4	5	
BCGE-10-02	6.10	9.14	3.04	3.05	100.3	2.08	68.2	5	
BCGE-10-02	9.14	12.19	3.05	3.00	98.4	2.62	87.3	5	
BCGE-10-02	12.19	15.24	3.05	3.07	100.7	1.91	62.2	5	
BCGE-10-02	15.24	18.29	3.05	3.06	100.3	2.56	83.7	5	
BCGE-10-02	18.29	21.34	3.05	3.05	100.0	2.51	82.3	5	
BCGE-10-02	21.34	24.38	3.04	2.95	97.0	2.15	72.9	5	
BCGE-10-02	24.38	27.43	3.05	2.90	95.1	1.73	59.7	5	
BCGE-10-02	27.43	30.48	3.05	3.05	100.0	1.51	49.5	5	
BCGE-10-02	30.48	33.53	3.05	2.97	97.4	1.15	38.7	5	
BCGE-10-02	33.53	36.58	3.05	3.01	98.7	2.58	85.7	5	
BCGE-10-02	36.58	39.62	3.04	3.02	99.3	2.44	80.8	5	
BCGE-10-02	39.62	42.67	3.05	3.09	101.3	2.77	89.6	5	
BCGE-10-02	42.67	45.72	3.05	2.93	96.1	2.87	98.0	5	
BCGE-10-02	45.72	48.77	3.05	3.14	103.0	2.73	86.9	5	
BCGE-10-02	48.77	51.82	3.05	2.86	93.8	2.52	88.1	5	
BCGE-10-02	51.82	54.86	3.04	3.04	100.0	2.93	96.4	5	
BCGE-10-02	54.86	57.91	3.05	3.11	102.0	2.88	92.6	5	
BCGE-10-02	57.91	60.96	3.05	3.06	100.3	2.91	95.1	5	
BCGE-10-02	60.96	64.01	3.05	2.84	93.1	1.78	62.7	5	
BCGE-10-02	64.01	67.06	3.05	2.96	97.0	2.70	91.2	5	
BCGE-10-02	67.06	70.10	3.04	3.13	103.0	2.78	88.8	5	
BCGE-10-02	70.10	73.15	3.05	3.05	100.0	2.65	86.9	5	
BCGE-10-02	73.15	76.20	3.05	3.02	99.0	2.54	84.1	5	
BCGE-10-02	76.20	79.25	3.05	3.19	104.6	2.94	92.2	5	
BCGE-10-02	79.25	82.30	3.05	2.97	97.4	2.64	88.9	5	
BCGE-10-02	82.30	85.34	3.04	2.94	96.7	2.30	78.2	5	
BCGE-10-02	85.34	88.39	3.05	3.06	100.3	2.00	65.4	5	
BCGE-10-02	88.39	91.44	3.05	2.94	96.4	2.73	92.9	5	
BCGE-10-02	91.44	94.49	3.05	3.01	98.7	2.76	91.7	5	
BCGE-10-02	94.49	97.54	3.05	3.08	101.0	2.91	94.5	5	
BCGE-10-02	97.54	100.58	3.04	3.03	99.7	2.41	79.5	5	
BCGE-10-02	100.58	103.63	3.05	3.04	99.7	2.06	67.8	5	
BCGE-10-02	103.63	106.68	3.05	3.04	99.7	2.95	97.0	5	
BCGE-10-02	106.68	109.74	3.06	3.04	99.3	2.76	90.8	5	
BCGE-10-02	109.74	112.78	3.04	3.08	101.3	2.64	85.7	5	
BCGE-10-02	112.78	115.82	3.04	3.06	100.7	2.85	93.1	5	
BCGE-10-02	115.82	118.87	3.05	3.07	100.7	3.05	99.3	5	
BCGE-10-02	118.87	121.92	3.05	3.03	99.3	2.78	91.7	5	
BCGE-10-02	121.92	124.97	3.05	3.04	99.7	3.02	99.3	5	
BCGE-10-02	124.97	128.02	3.05	3.06	100.3	2.94	96.1	5	
BCGE-10-02	128.02	131.06	3.04	3.05	100.3	2.24	73.4	5	
BCGE-10-02	131.06	134.11	3.05	3.09	101.3	2.82	91.3	5	
BCGE-10-02	134.11	137.16	3.05	3.03	99.3	2.81	92.7	5	
BCGE-10-02	137.16	140.21	3.05	3.06	100.3	2.69	87.9	5	

**APPENDIX A-3**  
**2010 Drill Logs - Geotechnical Data - Page #3**

Hole_ID	FROM	TO	RUN	RECOVRY	RECOVRY%	RQD	RQD%	STRENGTH	NOTES
BCGE-10-02	140.21	143.26	3.05	3.06	100.3	2.46	80.4	5	
BCGE-10-02	143.26	146.30	3.04	3.07	101.0	2.50	81.4	5	
BCGE-10-02	146.30	149.35	3.05	2.97	97.4	2.61	87.9	5	
BCGE-10-02	149.35	152.40	3.05	3.11	102.0	2.83	91.0	5	
BCGE-10-02	152.40	155.45	3.05	3.09	101.3	2.16	69.9	5	
BCGE-10-02	155.45	158.05	2.60	2.65	101.9	2.25	84.9	5	Broke Thru to stope @ 158.05m with 2.05m across to other side.
BCGE-10-03	0.00	3.05	3.05	2.57	84.3	2.90	112.8	5	
BCGE-10-03	3.05	6.10	3.05	3.12	102.3	2.35	75.3	5	
BCGE-10-03	6.10	9.14	3.04	3.12	102.6	2.67	85.6	5	
BCGE-10-03	9.14	12.19	3.05	3.07	100.7	2.84	92.5	5	
BCGE-10-03	12.19	15.24	3.05	3.04	99.7	2.62	86.2	5	
BCGE-10-03	15.24	18.29	3.05	3.15	103.3	2.24	71.1	5	
BCGE-10-03	18.29	21.34	3.05	3.05	100.0	2.34	76.7	5	
BCGE-10-03	21.34	24.38	3.04	2.96	97.4	2.78	93.9	5	
BCGE-10-03	24.38	27.43	3.05	3.07	100.7	1.98	64.5	5	
BCGE-10-03	27.43	30.48	3.05	3.07	100.7	2.44	79.5	5	
BCGE-10-03	30.48	33.53	3.05	3.05	100.0	2.45	80.3	5	
BCGE-10-03	33.53	36.58	3.05	3.08	101.0	2.92	94.8	5	
BCGE-10-03	36.58	39.62	3.04	3.09	101.6	2.98	96.4	5	
BCGE-10-03	39.62	42.67	3.05	2.91	95.4	2.81	96.6	5	
BCGE-10-03	42.67	45.72	3.05	3.03	99.3	2.96	97.7	5	
BCGE-10-03	45.72	48.77	3.05	3.06	100.3	2.86	93.5	5	
BCGE-10-03	48.77	51.82	3.05	3.10	101.6	2.81	90.6	5	
BCGE-10-03	51.82	54.86	3.04	3.02	99.3	2.96	98.0	5	
BCGE-10-03	54.86	57.91	3.05	3.11	102.0	3.11	100.0	5	
BCGE-10-03	57.91	60.96	3.05	3.13	102.6	2.54	81.2	5	
BCGE-10-03	60.96	64.01	3.05	2.93	96.1	2.79	95.2	5	
BCGE-10-03	64.01	67.06	3.05	3.00	98.4	1.96	65.3	5	
BCGE-10-03	67.06	70.10	3.04	3.01	99.0	2.01	66.8	5	
BCGE-10-03	70.10	73.15	3.05	3.06	100.3	2.28	74.5	5	
BCGE-10-03	73.15	76.20	3.05	3.00	98.4	2.84	94.7	5	
BCGE-10-03	76.20	79.25	3.05	3.11	102.0	2.84	91.3	5	
BCGE-10-03	79.25	82.30	3.05	3.07	100.7	1.81	59.0	5	
BCGE-10-03	82.30	85.34	3.04	3.03	99.7	1.66	54.8	5	
BCGE-10-03	85.34	88.39	3.05	3.01	98.7	2.92	97.0	5	
BCGE-10-03	88.39	91.44	3.05	3.09	101.3	2.62	84.8	5	
BCGE-10-03	91.44	94.49	3.05	3.05	100.0	2.83	92.8	5	
BCGE-10-03	94.49	97.54	3.05	3.08	101.0	3.08	100.0	5	
BCGE-10-03	97.54	100.58	3.04	3.00	98.7	2.92	97.3	5	
BCGE-10-03	100.58	103.63	3.05	3.02	99.0	2.75	91.1	5	
BCGE-10-03	103.63	106.68	3.05	3.03	99.3	2.83	93.4	5	
BCGE-10-03	106.68	109.74	3.06	2.99	97.7	2.82	94.3	5	
BCGE-10-03	109.74	112.78	3.04	2.98	98.0	2.86	96.0	5	
BCGE-10-03	112.78	115.82	3.04	2.97	97.7	2.86	96.3	5	
BCGE-10-03	115.82	118.87	3.05	3.01	98.7	2.88	95.7	5	
BCGE-10-03	118.87	121.92	3.05	2.97	97.4	2.73	91.9	5	
BCGE-10-03	121.92	124.97	3.05	3.18	104.3	3.15	99.1	5	
BCGE-10-03	124.97	128.02	3.05	3.05	100.0	2.66	87.2	5	
BCGE-10-03	128.02	131.06	3.04	3.05	100.3	2.53	83.0	5	
BCGE-10-03	131.06	134.11	3.05	2.99	98.0	2.32	77.6	5	
BCGE-10-03	134.11	137.16	3.05	3.00	98.4	2.61	87.0	5	
BCGE-10-03	137.16	140.21	3.05	3.07	100.7	2.87	93.5	5	
BCGE-10-03	140.21	143.26	3.05	3.02	99.0	2.78	92.1	5	
BCGE-10-03	143.26	146.30	3.04	3.04	100.0	2.95	97.0	5	

**APPENDIX A-3**  
**2010 Drill Logs - Geotechnical Data - Page #4**

Hole_ID	FROM	TO	RUN	RECOVRY	RECOVRY%	RQD	RQD%	STRENGTH	NOTES
BCGE-10-03	146.30	149.35	3.05	3.08	101.0	3.08	100.0	5	
BCGE-10-03	149.35	152.40	3.05	3.07	100.7	2.96	96.4	5	
BCGE-10-03	152.40	155.45	3.05	3.09	101.3	2.90	93.9	5	
BCGE-10-03	155.45	158.50	3.05	2.97	97.4	2.80	94.3	5	
BCGE-10-04	158.50	161.54	3.04	3.01	99.0	2.65	88.0	5	
BCGE-10-05	161.54	162.90	1.36	1.45	106.6	1.27	87.6	5	5' tube last run a little short
BCGE-10-04	0.00	0.91	0.91	0.91	100.0	0.76	83.5	5	
BCGE-10-04	0.91	3.96	3.05	2.98	97.7	2.72	91.3	5	
BCGE-10-04	3.96	7.01	3.05	2.98	97.7	2.98	100.0	5	
BCGE-10-04	7.01	10.06	3.05	3.14	103.0	2.83	90.1	5	
BCGE-10-04	10.06	13.11	3.05	3.04	99.7	2.63	86.5	5	
BCGE-10-04	13.11	16.15	3.04	3.04	100.0	2.95	97.0	5	
BCGE-10-04	16.15	19.20	3.05	2.94	96.4	2.65	90.1	5	
BCGE-10-04	19.20	22.25	3.05	3.08	101.0	2.79	90.6	5	
BCGE-10-04	22.25	25.30	3.05	3.00	98.4	2.47	82.3	5	
BCGE-10-04	25.30	28.35	3.05	3.03	99.3	2.64	87.1	5	
BCGE-10-04	28.35	31.39	3.04	3.09	101.6	2.84	91.9	5	
BCGE-10-04	31.39	34.44	3.05	3.01	98.7	2.88	95.7	5	
BCGE-10-04	34.44	37.49	3.05	3.05	100.0	2.89	94.8	5	
BCGE-10-04	37.49	40.54	3.05	3.00	98.4	2.75	91.7	5	
BCGE-10-04	40.54	43.59	3.05	3.09	101.3	2.58	83.5	5	
BCGE-10-04	43.59	46.63	3.04	3.06	100.7	2.64	86.3	5	
BCGE-10-04	46.63	49.68	3.05	3.04	99.7	2.39	78.6	5	
BCGE-10-04	49.68	52.73	3.05	3.07	100.7	2.53	82.4	5	
BCGE-10-04	52.73	55.78	3.05	3.06	100.3	2.79	91.2	5	
BCGE-10-04	55.78	58.83	3.05	3.12	102.3	2.87	92.0	5	
BCGE-10-04	58.83	61.87	3.04	2.96	97.4	2.68	90.5	5	
BCGE-10-04	61.87	64.92	3.05	3.11	102.0	2.06	66.2	5	
BCGE-10-05	0.00	0.91	0.91	0.77	84.6	0.27	35.1	5	
BCGE-10-05	0.91	3.96	3.05	3.00	98.4	2.44	81.3	5	
BCGE-10-05	3.96	7.01	3.05	3.00	98.4	2.84	94.7	5	
BCGE-10-05	7.01	10.06	3.05	2.94	96.4	2.56	87.1	5	
BCGE-10-05	10.06	13.11	3.05	3.14	103.0	2.79	88.9	5	
BCGE-10-05	13.11	16.15	3.04	3.19	104.9	2.94	92.2	5	
BCGE-10-05	16.15	19.20	3.05	2.98	97.7	2.24	75.2	5	
BCGE-10-05	19.20	22.25	3.05	2.92	95.7	1.90	65.1	5	
BCGE-10-05	22.25	25.30	3.05	3.04	99.7	2.40	78.9	5	
BCGE-10-05	25.30	28.35	3.05	3.09	101.3	2.31	74.8	5	
BCGE-10-05	28.35	31.39	3.04	3.08	101.3	2.54	82.5	5	
BCGE-10-05	31.39	34.44	3.05	3.12	102.3	2.71	86.9	5	
BCGE-10-05	34.44	37.49	3.05	3.06	100.3	2.93	95.8	5	
BCGE-10-05	37.49	40.54	3.05	3.02	99.0	2.75	91.1	5	
BCGE-10-05	40.54	43.59	3.05	3.08	101.0	2.76	89.6	5	
BCGE-10-05	43.59	46.63	3.04	3.06	100.7	3.06	100.0	5	
BCGE-10-05	46.63	49.68	3.05	3.02	99.0	2.65	87.7	5	
BCGE-10-05	49.68	52.73	3.05	2.92	95.7	2.74	93.8	5	
BCGE-10-05	52.73	55.78	3.05	3.12	102.3	2.42	77.6	5	
BCGE-10-05	55.78	58.83	3.05	3.10	101.6	2.73	88.1	5	
BCGE-10-05	58.83	61.87	3.04	3.15	103.6	3.12	99.0	5	
BCGE-10-05	61.87	64.92	3.05	2.84	93.1	2.70	95.1	5	
BCGE-10-06	0.00	0.91	0.91	0.56	61.5	0.27	48.2	5	
BCGE-10-06	0.91	3.96	3.05	3.05	100.0	2.44	80.0	5	
BCGE-10-06	3.96	7.01	3.05	3.02	99.0	2.84	94.0	5	
BCGE-10-06	7.01	10.06	3.05	2.99	98.0	2.56	85.6	5	

**APPENDIX A-3**  
**2010 Drill Logs - Geotechnical Data - Page #5**

Hole_ID	FROM	TO	RUN	RECOVRY	RECOVRY%	RQD	RQD%	STRENGTH	NOTES
BCGE-10-06	10.06	13.11	3.05	3.06	100.3	2.79	91.2	5	
BCGE-10-06	13.11	16.15	3.04	2.77	91.1	2.94	106.1	5	
BCGE-10-06	16.15	19.20	3.05	2.92	95.7	2.24	76.7	5	
BCGE-10-06	19.20	22.25	3.05	3.17	103.9	1.90	59.9	5	
BCGE-10-06	22.25	25.30	3.05	2.99	98.0	2.40	80.3	5	
BCGE-10-06	25.30	28.35	3.05	2.90	95.1	2.31	79.7	5	
BCGE-10-06	28.35	31.39	3.04	2.89	95.1	2.54	87.9	5	
BCGE-10-06	31.39	34.44	3.05	3.14	103.0	2.71	86.3	5	
BCGE-10-06	34.44	37.49	3.05	3.09	101.3	2.93	94.8	5	
BCGE-10-06	37.49	40.54	3.05	3.02	99.0	2.75	91.1	5	
BCGE-10-06	40.54	43.59	3.05	3.05	100.0	2.76	90.5	5	
BCGE-10-06	43.59	46.63	3.04	3.07	101.0	3.06	99.7	5	
BCGE-10-06	46.63	49.68	3.05	3.09	101.3	2.88	93.2	5	
BCGE-10-06	49.68	52.73	3.05	3.00	98.4	3.00	100.0	5	
BCGE-10-06	52.73	55.78	3.05	2.95	96.7	2.73	92.5	5	
BCGE-10-06	55.78	58.83	3.05	3.02	99.0	2.48	82.1	5	
BCGE-10-06	58.83	61.87	3.04	3.06	100.7	2.66	86.9	5	
BCGE-10-06	61.87	64.92	3.05	3.23	105.9	2.16	66.9	5	
BCGE-10-06	64.92	67.97	3.05	3.04	99.7	2.38	78.3	5	
BCGE-10-06	67.97	71.02	3.05	3.07	100.7	2.56	83.4	5	
BCGE-10-06	71.02	74.07	3.05	3.05	100.0	2.29	75.1	5	
BCGE-10-06	74.07	77.11	3.04	3.10	102.0	2.75	88.7	5	
BCGE-10-06	77.11	80.16	3.05	3.08	101.0	2.83	91.9	5	
BCGE-10-06	80.16	83.21	3.05	3.09	101.3	2.91	94.2	5	
BCGE-10-06	83.21	86.26	3.05	3.04	99.7	3.04	100.0	5	
BCGE-10-06	86.26	89.31	3.05	3.06	100.3	2.95	96.4	5	
BCGE-10-06	89.31	92.35	3.04	3.12	102.6	2.05	65.7	5	
BCGE-10-07	0.00	0.91	0.91	0.91	100.0	0.30	33.0	5	
BCGE-10-07	0.91	3.96	3.05	2.98	97.7	2.54	85.2	5	
BCGE-10-07	3.96	7.01	3.05	2.95	96.7	2.79	94.6	5	
BCGE-10-07	7.01	10.06	3.05	3.11	102.0	2.78	89.4	5	
BCGE-10-07	10.06	13.11	3.05	3.05	100.0	2.41	79.0	5	
BCGE-10-07	13.11	16.15	3.04	3.01	99.0	2.41	80.1	5	
BCGE-10-07	16.15	19.20	3.05	2.97	97.4	1.27	42.8	5	Very broken
BCGE-10-07	19.20	22.25	3.05	2.97	97.4	2.79	93.9	5	
BCGE-10-07	22.25	25.30	3.05	2.98	97.7	2.83	95.0	5	
BCGE-10-07	25.30	28.35	3.05	3.06	100.3	2.51	82.0	5	
BCGE-10-07	28.35	31.39	3.04	3.15	103.6	2.67	84.8	5	
BCGE-10-07	31.39	34.44	3.05	3.02	99.0	2.09	69.2	5	
BCGE-10-07	34.44	37.49	3.05	3.04	99.7	2.49	81.9	5	
BCGE-10-07	37.49	40.54	3.05	3.15	103.3	2.11	67.0	5	
BCGE-10-07	40.54	43.59	3.05	3.00	98.4	2.77	92.3	5	
BCGE-10-07	43.59	46.63	3.04	2.97	97.7	2.49	83.8	5	
BCGE-10-07	46.63	49.68	3.05	3.13	102.6	1.81	57.8	5	
BCGE-10-07	49.68	52.73	3.05	2.86	93.8	2.31	80.8	5	
BCGE-10-07	52.73	55.78	3.05	3.01	98.7	2.72	90.4	5	
BCGE-10-07	55.78	58.83	3.05	3.22	105.6	2.90	90.1	5	
BCGE-10-07	58.83	61.87	3.04	3.12	102.6	2.94	94.2	5	
BCGE-10-07	61.87	64.92	3.05	2.98	97.7	2.64	88.6	5	
BCGE-10-07	64.92	67.97	3.05	3.02	99.0	2.71	89.7	5	
BCGE-10-07	67.97	71.02	3.05	2.97	97.4	2.77	93.3	5	
BCGE-10-07	71.02	74.07	3.05	3.08	101.0	2.24	72.7	5	
BCGE-10-07	74.07	77.11	3.04	3.12	102.6	1.92	61.5	5	
BCGE-10-07	77.11	80.16	3.05	2.81	92.1	2.11	75.1	5	

**APPENDIX A-3**  
**2010 Drill Logs - Geotechnical Data - Page #6**

Hole_ID	FROM	TO	RUN	RECOVRY	RECOVRY%	RQD	RQD%	STRENGTH	NOTES
BCGE-10-07	80.16	83.21	3.05	3.22	105.6	2.75	85.4	5	
BCGE-10-07	83.21	86.26	3.05	2.75	90.2	1.93	70.2	5	
BCGE-10-07	86.26	89.31	3.05	3.05	100.0	1.97	64.6	5	
BCGE-10-07	89.31	92.35	3.04	3.12	102.6	2.33	74.7	5	
BCGE-10-07	92.35	95.40	3.05	3.12	102.3	2.51	80.4	5	
BCGE-10-07	95.40	98.45	3.05	3.04	99.7	2.66	87.5	5	
BCGE-10-07	98.45	101.50	3.05	3.01	98.7	2.45	81.4	5	
BCGE-10-07	101.50	104.55	3.05	2.98	97.7	2.73	91.6	5	
BCGE-10-07	104.55	107.59	3.04	3.12	102.6	3.12	100.0	5	
BCGE-10-07	107.59	110.64	3.05	3.00	98.4	2.30	76.7	5	
BCGE-10-07	110.64	113.69	3.05	3.05	100.0	2.87	94.1	5	
BCGE-10-07	113.69	116.74	3.05	3.08	101.0	2.93	95.1	5	
BCGE-10-07	116.74	119.79	3.05	3.04	99.7	2.92	96.1	5	
BCGE-10-07	119.79	122.83	3.04	3.09	101.6	3.03	98.1	5	
BCGE-10-07	122.83	125.88	3.05	2.91	95.4	2.58	88.7	5	
BCGE-10-07	125.88	128.93	3.05	3.13	102.6	3.07	98.1	5	
BCGE-10-07	128.93	131.98	3.05	3.11	102.0	3.11	100.0	5	
BCGE-10-07	131.98	135.03	3.05	3.04	99.7	2.98	98.0	5	
BCGE-10-07	135.03	138.07	3.04	3.11	102.3	2.72	87.5	5	
BCGE-10-07	138.07	141.12	3.05	3.04	99.6	2.84	93.4	5	
BCGE-10-07	141.12	144.17	3.05	3.02	99.1	2.92	96.7	5	
BCGE-10-07	144.17	147.22	3.05	3.04	99.7	2.91	95.7	5	
BCGE-10-07	147.22	150.27	3.05	3.09	101.3	3.09	100.0	5	
BCGE-10-07	150.27	153.31	3.04	3.08	101.3	2.93	95.1	5	
BCGE-10-07	153.31	156.36	3.05	3.05	100.0	3.02	99.0	5	
BCGE-10-07	156.36	159.41	3.05	3.19	104.6	2.84	89.0	5	
BCGE-10-07	159.41	160.93	1.52	1.40	92.1	1.40	100.0	5	Hole only to 160.8m depth
BCGE-10-08	0.00	1.22	1.22	1.14	93.4	0.42	36.8	5	
BCGE-10-08	1.22	4.27	3.05	3.03	99.3	2.72	89.8	5	
BCGE-10-08	4.27	7.32	3.05	3.06	100.3	2.93	95.8	5	
BCGE-10-08	7.32	10.36	3.04	3.11	102.3	2.96	95.2	5	
BCGE-10-08	10.36	13.41	3.05	3.01	98.7	3.05	101.3	5	
BCGE-10-08	13.41	16.46	3.05	3.05	100.0	2.79	91.5	5	
BCGE-10-08	16.46	19.51	3.05	3.07	100.7	2.75	89.6	5	
BCGE-10-08	19.51	22.56	3.05	3.11	102.0	2.85	91.6	5	
BCGE-10-08	22.56	25.60	3.04	3.08	101.3	3.04	98.7	5	
BCGE-10-08	25.60	28.65	3.05	3.05	100.0	2.92	95.7	5	
BCGE-10-08	28.65	31.70	3.05	3.02	99.0	2.00	66.2	5	
BCGE-10-08	31.70	34.75	3.05	3.08	101.0	2.47	80.2	5	
BCGE-10-08	34.75	36.27	1.52	1.56	102.6	1.19	76.3	5	
BCGE-10-09	0.00	0.91	0.91	0.91	100.0	0.84	92.3	5	
BCGE-10-09	0.91	3.96	3.05	3.10	101.6	2.75	88.7	5	
BCGE-10-09	3.96	7.01	3.05	2.96	97.0	2.86	96.6	5	
BCGE-10-09	7.01	10.06	3.05	3.15	103.3	2.66	84.4	5	
BCGE-10-09	10.06	13.11	3.05	3.09	101.3	3.09	100.0	5	
BCGE-10-09	13.11	16.15	3.04	3.00	98.7	2.93	97.7	5	
BCGE-10-09	16.15	19.20	3.05	3.10	101.6	2.47	79.7	5	
BCGE-10-09	19.20	22.25	3.05	2.96	97.0	2.57	86.8	5	
BCGE-10-09	22.25	25.30	3.05	2.96	97.0	2.82	95.3	5	
BCGE-10-09	25.30	28.35	3.05	3.07	100.7	2.86	93.2	5	
BCGE-10-09	28.35	31.39	3.04	2.97	97.7	2.94	99.0	5	
BCGE-10-09	31.39	34.44	3.05	3.07	100.7	2.77	90.2	5	
BCGE-10-09	34.44	37.49	3.05	2.94	96.4	2.94	100.0	5	
BCGE-10-09	37.49	40.54	3.05	3.11	102.0	3.11	100.0	5	

**APPENDIX A-3**  
**2010 Drill Logs - Geotechnical Data - Page #7**

Hole_ID	FROM	TO	RUN	RECOVRY	RECOVRY%	RQD	RQD%	STRENGTH	NOTES
BCGE-10-09	40.54	43.59	3.05	3.03	99.3	3.03	100.0	5	
BCGE-10-09	43.59	46.63	3.04	2.99	98.4	2.99	100.0	5	
BCGE-10-09	46.63	49.68	3.05	3.12	102.3	2.87	92.0	5	
BCGE-10-09	49.68	52.73	3.05	3.02	99.0	2.93	97.0	5	
BCGE-10-09	52.73	55.78	3.05	2.90	95.1	2.90	100.0	5	
BCGE-10-09	55.78	58.83	3.05	2.85	93.4	1.96	68.8	5	Low < frac
BCGE-10-09	58.83	61.87	3.04	3.21	105.6	2.67	83.2	5	
BCGE-10-09	61.87	64.92	3.05	2.89	94.8	2.84	98.3	5	
BCGE-10-09	64.92	67.97	3.05	3.04	99.7	2.79	91.8	6	
BCGE-10-09	67.97	71.02	3.05	3.05	100.0	2.89	94.8	7	
BCGE-10-09	71.02	74.07	3.05	3.07	100.7	2.68	87.3	8	
BCGE-10-09	74.07	75.30	1.23	1.10	89.4	1.01	91.8	9	Hole ended at 75.3 - stick up left in hole
BCGE-10-10	0.00	1.22	1.22	1.05	86.1	0.70	66.7	5	
BCGE-10-10	1.22	4.27	3.05	3.05	100.0	2.97	97.4	5	
BCGE-10-10	4.27	7.32	3.05	3.03	99.3	3.02	99.7	5	
BCGE-10-10	7.32	10.36	3.04	2.84	93.4	2.77	97.5	5	
BCGE-10-10	10.36	13.41	3.05	3.30	108.2	3.23	97.9	5	
BCGE-10-10	13.41	16.46	3.05	3.04	99.7	2.96	97.4	5	
BCGE-10-10	16.46	19.51	3.05	3.05	100.0	2.01	65.9	5	
BCGE-10-10	19.51	22.56	3.05	3.06	100.3	2.98	97.4	5	
BCGE-10-10	22.56	25.60	3.04	3.01	99.0	2.82	93.7	5	
BCGE-10-10	25.60	28.65	3.05	3.12	102.3	2.98	95.5	5	
BCGE-10-10	28.65	31.70	3.05	3.00	98.4	2.99	99.7	5	
BCGE-10-10	31.70	34.75	3.05	3.08	101.0	2.96	96.1	5	
BCGE-10-10	34.75	37.80	3.05	3.03	99.3	2.51	82.8	5	
BCGE-10-10	37.80	40.84	3.04	3.15	103.6	3.09	98.1	5	
BCGE-10-10	40.84	43.89	3.05	3.00	98.4	2.86	95.3	5	
BCGE-10-10	43.89	46.94	3.05	3.04	99.7	3.02	99.3	5	
BCGE-10-10	46.94	49.99	3.05	3.07	100.7	2.92	95.1	5	
BCGE-10-10	49.99	53.04	3.05	3.06	100.3	2.88	94.1	5	
BCGE-10-10	53.04	56.08	3.04	3.12	102.6	2.98	95.5	5	
BCGE-10-11	0.00	1.22	1.22	1.14	93.4	0.75	65.8	5	
BCGE-10-11	1.22	4.27	3.05	2.98	97.7	2.78	93.3	5	
BCGE-10-11	4.27	7.32	3.05	3.02	99.0	2.37	78.5	5	
BCGE-10-11	7.32	10.36	3.04	3.14	103.3	3.09	98.4	5	
BCGE-10-11	10.36	13.41	3.05	3.02	99.0	2.97	98.3	5	
BCGE-10-11	13.41	16.46	3.05	3.06	100.3	2.70	88.2	5	
BCGE-10-11	16.46	19.51	3.05	3.02	99.0	2.91	96.4	5	
BCGE-10-11	19.51	22.56	3.05	3.08	101.0	2.91	94.5	5	
BCGE-10-11	22.56	25.60	3.04	3.11	102.3	3.11	100.0	5	
BCGE-10-11	25.60	28.65	3.05	3.05	100.0	3.05	100.0	5	
BCGE-10-11	28.65	31.70	3.05	3.04	99.7	3.01	99.0	5	
BCGE-10-11	31.70	34.75	3.05	3.09	101.3	2.94	95.1	5	
BCGE-10-11	34.75	37.80	3.05	3.06	100.3	2.80	91.5	5	
BCGE-10-11	37.80	40.84	3.04	3.11	102.3	2.84	91.3	5	
BCGE-10-11	40.84	42.37	1.53	1.55	101.3	1.33	85.8	5	
BCGE-10-12	0.00	1.22	1.22	0.45	36.9	0.21	46.7	5	
BCGE-10-12	1.22	4.27	3.05	2.93	96.1	2.46	84.0	5	
BCGE-10-12	4.27	7.32	3.05	3.11	102.0	2.98	95.8	5	
BCGE-10-12	7.32	10.36	3.04	3.01	99.0	3.01	100.0	5	
BCGE-10-12	10.36	13.41	3.05	3.09	101.3	3.09	100.0	5	
BCGE-10-12	13.41	16.46	3.05	2.93	96.1	2.86	97.6	5	
BCGE-10-12	16.46	19.51	3.05	3.13	102.6	2.99	95.5	5	
BCGE-10-12	19.51	22.56	3.05	3.07	100.7	2.75	89.6	5	



**APPENDIX A-3**  
**2010 Drill Logs - Geotechnical Data - Page #8**

Hole_ID	FROM	TO	RUN	RECOVRY	RECOVRY%	RQD	RQD%	STRENGTH	NOTES
BCGE-10-12	22.56	25.60	3.04	3.04	100.0	2.84	93.4	5	
BCGE-10-12	25.60	28.65	3.05	3.09	101.3	3.09	100.0	5	
BCGE-10-12	28.65	31.70	3.05	3.06	100.3	3.06	100.0	5	
BCGE-10-12	31.70	34.75	3.05	3.10	101.6	3.10	100.0	5	
BCGE-10-12	34.75	37.80	3.05	3.02	99.0	2.84	94.0	5	
BCGE-10-12	37.80	40.84	3.04	3.10	102.0	2.69	86.8	5	
BCGE-10-12	40.84	43.89	3.05	2.84	93.1	2.19	77.1	5	
BCGE-10-12	43.89	46.94	3.05	3.17	103.9	2.97	93.7	5	
BCGE-10-12	46.94	49.90	2.96	3.07	103.7	2.65	86.3	5	
BCGE-10-13	0.00	1.22	1.22	0.22	18.0	0.22	100.0	5	
BCGE-10-13	1.22	4.27	3.05	2.70	88.5	1.88	69.6	5	
BCGE-10-13	4.27	7.32	3.05	2.92	95.7	2.92	100.0	5	
BCGE-10-13	7.32	10.36	3.04	3.04	100.0	2.87	94.4	5	
BCGE-10-13	10.36	13.41	3.05	3.09	101.3	3.09	100.0	5	
BCGE-10-13	13.41	16.46	3.05	3.03	99.3	2.98	98.3	5	
BCGE-10-13	16.46	19.51	3.05	3.02	99.0	3.02	100.0	5	
BCGE-10-13	19.51	22.56	3.05	3.07	100.7	3.07	100.0	5	
BCGE-10-13	22.56	25.60	3.04	3.03	99.7	3.03	100.0	5	
BCGE-10-13	25.60	28.65	3.05	3.08	101.0	2.92	94.8	5	
BCGE-10-13	28.65	31.70	3.05	3.06	100.3	3.06	100.0	5	
BCGE-10-13	31.70	34.75	3.05	3.14	103.0	3.14	100.0	5	
BCGE-10-13	34.75	37.80	3.05	3.00	98.4	3.00	100.0	5	
BCGE-10-13	37.80	40.84	3.04	3.08	101.3	3.08	100.0	5	
BCGE-10-13	40.84	43.89	3.05	3.08	101.0	3.08	100.0	5	
BCGE-10-13	43.89	46.94	3.05	2.98	97.7	2.98	100.0	5	
BCGE-10-13	46.94	49.99	3.05	2.94	96.4	2.94	100.0	5	
BCGE-10-13	49.99	53.04	3.05	3.14	103.0	3.14	100.0	5	
BCGE-10-13	53.04	56.08	3.04	3.12	102.6	3.07	98.4	5	
BCGE-10-13	56.08	59.13	3.05	2.99	98.0	2.67	89.3	5	
BCGE-10-13	59.13	62.18	3.05	3.01	98.7	3.01	100.0	5	
BCGE-10-13	62.18	65.23	3.05	3.01	98.7	2.91	96.7	5	

**Appendix A-4**  
**2010 Drill Logs - Magnetic Susceptibility - Page #1**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-01	0.5	0.75	
BCGE-10-01	1.0	0.29	
BCGE-10-01	1.5	0.36	
BCGE-10-01	2.0	0.72	
BCGE-10-01	2.5	0.41	
BCGE-10-01	3.0	1.49	
BCGE-10-01	3.5	0.35	
BCGE-10-01	4.0	0.47	
BCGE-10-01	4.5	0.97	
BCGE-10-01	5.0	0.29	
BCGE-10-01	5.5	0.35	
BCGE-10-01	6.0	0.25	
BCGE-10-01	6.5	0.25	
BCGE-10-01	7.0	0.23	
BCGE-10-01	7.5	0.24	
BCGE-10-01	8.0	0.27	
BCGE-10-01	8.5	0.30	
BCGE-10-01	9.0	0.74	
BCGE-10-01	9.5	0.28	
BCGE-10-01	10.0	0.19	
BCGE-10-01	10.5	0.20	
BCGE-10-01	11.0	0.21	
BCGE-10-01	11.5	0.17	
BCGE-10-01	12.0	0.51	
BCGE-10-01	12.5	0.20	
BCGE-10-01	13.0	0.44	
BCGE-10-01	13.5	0.49	
BCGE-10-01	14.0	1.04	
BCGE-10-01	14.5	4.67	
BCGE-10-01	15.0	1.37	
BCGE-10-01	15.5	0.84	
BCGE-10-01	16.0	0.97	
BCGE-10-01	16.5	0.80	
BCGE-10-01	17.0	0.00	
BCGE-10-01	17.5	0.00	
BCGE-10-01	18.0	0.00	
BCGE-10-01	18.5	0.01	
BCGE-10-01	19.0	2.04	
BCGE-10-01	19.5	0.38	
BCGE-10-01	20.0	1.38	
BCGE-10-01	20.5	1.55	
BCGE-10-01	21.0	2.10	
BCGE-10-01	21.5	2.01	
BCGE-10-01	22.0	1.99	
BCGE-10-01	22.5	1.13	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-01	23.0	2.07	
BCGE-10-01	23.5	1.03	
BCGE-10-01	24.0	2.10	
BCGE-10-01	24.5	2.02	
BCGE-10-01	25.0	1.99	
BCGE-10-01	25.5	3.81	
BCGE-10-01	26.0	2.98	
BCGE-10-01	26.5	1.17	
BCGE-10-01	27.0	1.32	
BCGE-10-01	27.5	0.92	
BCGE-10-01	28.0	0.51	
BCGE-10-01	28.5	2.48	
BCGE-10-01	29.0	1.02	
BCGE-10-01	29.5	0.76	
BCGE-10-01	30.0	2.74	
BCGE-10-01	30.5	1.38	
BCGE-10-01	31.0	3.78	
BCGE-10-01	31.5	2.21	
BCGE-10-01	32.0	3.92	
BCGE-10-01	32.5	2.00	
BCGE-10-01	33.0	1.90	
BCGE-10-01	33.5	2.93	
BCGE-10-01	34.0	7.08	
BCGE-10-01	34.5	1.03	
BCGE-10-01	35.0	0.41	
BCGE-10-01	35.5	0.95	
BCGE-10-01	36.0	1.98	
BCGE-10-01	36.5	1.39	
BCGE-10-01	37.0	1.36	
BCGE-10-01	37.5	3.55	
BCGE-10-01	38.0	0.76	
BCGE-10-01	38.5	1.03	
BCGE-10-01	39.0	1.72	
BCGE-10-01	39.5	0.58	
BCGE-10-01	40.0	1.17	
BCGE-10-01	40.5	1.59	
BCGE-10-01	41.0	1.80	
BCGE-10-01	41.5	0.73	
BCGE-10-01	42.0	2.67	
BCGE-10-01	42.5	0.94	
BCGE-10-01	43.0	1.53	
BCGE-10-01	43.5	3.26	
BCGE-10-01	44.0	1.96	
BCGE-10-01	44.5	2.78	
BCGE-10-01	45.0	0.17	

**Appendix A-4**  
**2010 Drill Logs - Magnetic Susceptibility - Page #2**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-01	45.5	0.12	
BCGE-10-01	46.0	0.07	
BCGE-10-01	46.5	0.10	
BCGE-10-01	47.0	0.11	
BCGE-10-01	47.5	2.48	
BCGE-10-01	48.0	4.58	
BCGE-10-01	48.5	0.34	
BCGE-10-01	49.0	0.72	
BCGE-10-01	49.5	0.85	
BCGE-10-01	50.0	0.98	
BCGE-10-01	50.5	0.26	
BCGE-10-01	51.0	0.38	
BCGE-10-01	51.5	1.68	
BCGE-10-01	52.0	0.26	
BCGE-10-01	52.5	0.34	
BCGE-10-01	53.0	0.13	
BCGE-10-01	53.5	0.94	
BCGE-10-01	54.0	0.23	
BCGE-10-01	54.5	0.31	
BCGE-10-01	55.0	0.69	
BCGE-10-01	55.5	0.24	
BCGE-10-01	56.0	0.68	
BCGE-10-01	56.5	0.25	
BCGE-10-01	57.0	0.22	
BCGE-10-01	57.5	0.57	
BCGE-10-01	58.0	0.27	
BCGE-10-01	58.5	0.34	
BCGE-10-01	59.0	0.41	
BCGE-10-01	59.5	0.50	
BCGE-10-01	60.0	0.83	
BCGE-10-01	60.5	0.37	
BCGE-10-01	61.0	1.83	
BCGE-10-01	61.5	2.19	
BCGE-10-01	62.0	3.29	
BCGE-10-01	62.5	2.69	
BCGE-10-01	63.0	2.12	
BCGE-10-01	63.5	3.42	
BCGE-10-01	64.0	1.25	
BCGE-10-01	64.5	1.29	
BCGE-10-01	65.0	1.23	
BCGE-10-01	65.5	1.24	
BCGE-10-01	66.0	1.27	
BCGE-10-01	66.5	2.04	
BCGE-10-01	67.0	1.80	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-01	67.5	1.38	
BCGE-10-01	68.0	2.52	
BCGE-10-01	68.5	1.43	
BCGE-10-01	69.0	0.87	
BCGE-10-01	69.5	0.82	
BCGE-10-01	70.0	1.10	
BCGE-10-01	70.5	0.75	
BCGE-10-01	71.0	1.27	
BCGE-10-01	71.5	1.75	
BCGE-10-01	72.0	1.97	
BCGE-10-01	72.5	0.62	
BCGE-10-01	73.0	3.45	
BCGE-10-01	73.5	0.56	
BCGE-10-01	74.0	0.42	
BCGE-10-01	74.5	0.62	
BCGE-10-01	75.0	1.49	
BCGE-10-01	75.5	0.85	
BCGE-10-01	76.0	0.77	
BCGE-10-01	76.5	0.47	
BCGE-10-01	77.0	0.58	
BCGE-10-01	77.5	3.23	
BCGE-10-01	78.0	1.19	
BCGE-10-01	78.5	0.35	
BCGE-10-01	79.0	1.25	
BCGE-10-01	79.5	0.79	
BCGE-10-01	80.0	0.82	
BCGE-10-01	80.5	1.88	
BCGE-10-01	81.0	2.11	
BCGE-10-01	81.5	1.02	
BCGE-10-01	82.0	0.22	
BCGE-10-01	82.5	0.65	
BCGE-10-01	83.0	1.63	
BCGE-10-01	83.5	0.79	
BCGE-10-01	84.0	0.31	
BCGE-10-01	84.5	0.51	
BCGE-10-01	85.0	0.66	
BCGE-10-01	85.5	1.13	
BCGE-10-01	86.0	0.24	
BCGE-10-01	86.5	0.26	
BCGE-10-01	87.0	1.82	
BCGE-10-01	87.5	1.40	
BCGE-10-01	88.0	0.35	
BCGE-10-01	88.5	0.57	
BCGE-10-01	89.0	0.52	

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**2010 Drill Logs - Magnetic Susceptibility - Page #3**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-01	89.5	0.27	
BCGE-10-01	90.0	0.61	
BCGE-10-01	90.5	0.33	
BCGE-10-01	91.0	0.45	
BCGE-10-01	91.5	2.85	
BCGE-10-01	92.0	2.27	
BCGE-10-01	92.5	0.38	
BCGE-10-01	93.0	0.56	
BCGE-10-01	93.5	0.94	
BCGE-10-01	94.0	0.22	
BCGE-10-01	94.5	0.22	
BCGE-10-01	95.0	0.23	
BCGE-10-01	95.5	0.26	
BCGE-10-01	96.0	0.33	
BCGE-10-01	96.5	0.32	
BCGE-10-01	97.0	0.19	
BCGE-10-01	97.5	0.20	
BCGE-10-01	98.0	1.05	
BCGE-10-01	98.5	0.41	
BCGE-10-01	99.0	0.22	
BCGE-10-01	99.5	0.17	
BCGE-10-01	100.0	0.17	
BCGE-10-01	100.5	0.15	
BCGE-10-01	101.0	0.41	
BCGE-10-01	101.5	0.16	
BCGE-10-01	102.0	0.11	
BCGE-10-01	102.5	0.21	
BCGE-10-01	103.0	0.18	
BCGE-10-01	103.5	0.17	
BCGE-10-01	104.0	0.23	
BCGE-10-01	104.5	0.10	
BCGE-10-01	105.0	0.13	
BCGE-10-01	105.5	0.50	
BCGE-10-01	106.0	0.49	
BCGE-10-01	106.5	1.51	
BCGE-10-01	107.0	1.87	
BCGE-10-01	107.5	1.25	
BCGE-10-01	108.0	1.50	
BCGE-10-01	108.5	0.22	
BCGE-10-01	109.0	1.15	
BCGE-10-01	109.5	2.30	
BCGE-10-01	110.0	2.26	
BCGE-10-01	110.5	3.04	
BCGE-10-01	111.0	0.63	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-01	111.5	0.28	
BCGE-10-01	112.0	0.30	
BCGE-10-01	112.5	2.07	
BCGE-10-01	113.0	1.31	
BCGE-10-01	113.5	0.32	
BCGE-10-01	114.0	2.01	
BCGE-10-01	114.5	0.46	
BCGE-10-01	115.0	0.43	
BCGE-10-01	115.5	0.34	
BCGE-10-01	116.0	1.18	
BCGE-10-01	116.5	0.87	
BCGE-10-01	117.0	0.58	
BCGE-10-01	117.5	1.17	
BCGE-10-01	118.0	2.04	
BCGE-10-01	118.5	2.81	
BCGE-10-01	119.0	1.32	
BCGE-10-01	119.5	1.79	
BCGE-10-01	120.0	0.64	
BCGE-10-01	120.5	1.49	
BCGE-10-01	121.0	2.25	
BCGE-10-01	121.5	1.07	
BCGE-10-01	122.0	1.17	
BCGE-10-01	122.5	2.06	
BCGE-10-01	123.0	1.46	
BCGE-10-01	123.5	2.09	
BCGE-10-01	124.0	1.64	
BCGE-10-01	124.5	2.71	
BCGE-10-01	125.0	1.81	
BCGE-10-01	125.5	2.10	
BCGE-10-01	126.0	3.83	
BCGE-10-01	126.5	1.21	
BCGE-10-01	127.0	2.25	
BCGE-10-01	127.5	1.69	
BCGE-10-01	128.0	1.54	
BCGE-10-01	128.5	1.16	
BCGE-10-01	129.0	1.59	
BCGE-10-01	129.5	1.16	
BCGE-10-01	130.0	2.92	
BCGE-10-01	130.5	1.80	
BCGE-10-01	131.0	1.96	
BCGE-10-01	131.5	2.23	
BCGE-10-01	132.0	2.58	
BCGE-10-01	132.5	1.43	
BCGE-10-01	133.0	0.69	

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**2010 Drill Logs - Magnetic Susceptibility - Page #4**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-01	133.5	0.25	
BCGE-10-01	134.0	0.21	
BCGE-10-01	134.5	0.21	
BCGE-10-01	135.0	0.23	
BCGE-10-01	135.5	0.26	
BCGE-10-01	136.0	0.35	
BCGE-10-01	136.5	0.30	
BCGE-10-01	137.0	0.25	
BCGE-10-01	137.5	0.39	
BCGE-10-01	138.0	0.29	
BCGE-10-01	138.5	0.28	
BCGE-10-01	139.0	0.28	
BCGE-10-01	139.5	0.28	
BCGE-10-01	140.0	0.24	
BCGE-10-01	140.5	0.15	
BCGE-10-01	141.0	0.19	
BCGE-10-01	141.5	0.17	
BCGE-10-01	142.0	0.31	
BCGE-10-01	142.5	0.35	
BCGE-10-01	143.0	0.18	
BCGE-10-01	143.5	0.17	
BCGE-10-01	144.0	0.29	
BCGE-10-01	144.5	0.15	
BCGE-10-01	145.0	0.20	
BCGE-10-01	145.5	0.16	
BCGE-10-01	146.0	0.14	
BCGE-10-01	146.5	0.17	
BCGE-10-01	147.0	0.17	
BCGE-10-01	147.5	0.17	
BCGE-10-01	148.0	0.21	
BCGE-10-01	148.5	0.18	
BCGE-10-01	149.0	0.23	
BCGE-10-01	149.5	0.25	
BCGE-10-01	150.0	0.25	
BCGE-10-01	150.5	0.10	
BCGE-10-01	151.0	0.22	
BCGE-10-01	151.5	0.27	
BCGE-10-01	152.0	0.27	
BCGE-10-01	152.5	0.29	
BCGE-10-01	153.0	0.26	
BCGE-10-01	153.5	0.24	
BCGE-10-01	154.0	0.23	
BCGE-10-01	154.5	0.30	
BCGE-10-01	155.0	0.24	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-01	155.5	0.20	
BCGE-10-01	156.0	0.24	
BCGE-10-01	156.5	0.44	
BCGE-10-01	157.0	0.84	
BCGE-10-01	157.5	0.21	
BCGE-10-01	158.0	0.30	
BCGE-10-01	158.5	0.51	
BCGE-10-01	159.0	0.27	
BCGE-10-01	159.5	0.50	
BCGE-10-01	160.0	0.25	
BCGE-10-01	160.5	0.23	
BCGE-10-01	161.0	0.32	
BCGE-10-01	161.5	0.25	
BCGE-10-01	162.0	0.23	
BCGE-10-01	162.5	0.34	
BCGE-10-01	163.0	0.25	
BCGE-10-01	163.5	0.06	
BCGE-10-01	164.0	0.94	
BCGE-10-01	164.5	1.16	
BCGE-10-01	165.0	1.59	
BCGE-10-01	165.5	2.36	
BCGE-10-01	166.0	2.17	
BCGE-10-01	166.5	2.17	
BCGE-10-01	167.0	1.65	
BCGE-10-01	167.5	1.54	
BCGE-10-01	168.0	2.59	
BCGE-10-01	168.5	0.93	
BCGE-10-01	169.0	0.97	
BCGE-10-01	169.5	1.69	
BCGE-10-01	170.0	1.15	
BCGE-10-01	170.5	2.69	
BCGE-10-01	171.0	0.77	
BCGE-10-01	171.5	0.75	
BCGE-10-01	172.0	0.33	
BCGE-10-01	172.5	0.69	
BCGE-10-01	173.0	0.25	
BCGE-10-01	173.5	0.24	
BCGE-10-01	174.0	0.22	
BCGE-10-01	174.5	0.20	
BCGE-10-01	175.0	0.26	
BCGE-10-01	175.5	1.08	
BCGE-10-01	176.0	0.18	
BCGE-10-01	176.5	0.15	
BCGE-10-01	177.0	1.10	

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**2010 Drill Logs - Magnetic Susceptibility - Page #5**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-01	177.5	1.11	
BCGE-10-01	178.0	1.03	
BCGE-10-01	178.5	1.56	
BCGE-10-01	179.0	4.21	
BCGE-10-01	179.5	0.69	
BCGE-10-01	180.0	0.97	
BCGE-10-01	180.5	0.98	
BCGE-10-01	181.0	0.70	
BCGE-10-01	181.5	0.27	
BCGE-10-01	182.0	0.26	
BCGE-10-01	182.5	0.20	
BCGE-10-01	183.0	0.34	
BCGE-10-01	183.5	0.21	
BCGE-10-01	184.0	0.52	
BCGE-10-01	184.5	0.40	
BCGE-10-01	185.0	0.38	
BCGE-10-01	185.5	0.20	
BCGE-10-01	186.0	0.33	
BCGE-10-01	186.5	0.40	
BCGE-10-01	187.0	0.42	
BCGE-10-01	187.5	1.02	
BCGE-10-01	188.0	0.38	
BCGE-10-01	188.5	0.81	
BCGE-10-01	188.9	0.24	
BCGE-10-02	0.5	1.71	
BCGE-10-02	1.0	0.38	
BCGE-10-02	1.5	0.25	
BCGE-10-02	2.0	0.20	
BCGE-10-02	2.5	0.70	
BCGE-10-02	3.0	0.52	
BCGE-10-02	3.5	0.67	
BCGE-10-02	4.0	1.20	
BCGE-10-02	4.5	0.66	
BCGE-10-02	5.0	0.24	
BCGE-10-02	5.5	0.61	
BCGE-10-02	6.0	0.69	
BCGE-10-02	6.5	0.26	
BCGE-10-02	7.0	0.35	
BCGE-10-02	7.5	0.72	
BCGE-10-02	8.0	0.35	
BCGE-10-02	8.5	0.36	
BCGE-10-02	9.0	0.47	
BCGE-10-02	9.5	0.19	
BCGE-10-02	10.0	0.28	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-02	10.5	0.17	
BCGE-10-02	11.0	0.18	
BCGE-10-02	11.5	0.31	
BCGE-10-02	12.0	4.10	
BCGE-10-02	12.5	0.97	
BCGE-10-02	13.0	0.35	
BCGE-10-02	13.5	1.01	
BCGE-10-02	14.0	0.86	
BCGE-10-02	14.5	0.96	
BCGE-10-02	15.0	0.81	
BCGE-10-02	15.5	0.50	
BCGE-10-02	16.0	1.39	
BCGE-10-02	16.5	0.97	
BCGE-10-02	17.0	0.84	
BCGE-10-02	17.5	1.66	
BCGE-10-02	18.0	1.53	
BCGE-10-02	18.5	0.90	
BCGE-10-02	19.0	1.28	
BCGE-10-02	19.5	2.46	
BCGE-10-02	20.0	1.58	
BCGE-10-02	20.5	1.52	
BCGE-10-02	21.0	2.14	
BCGE-10-02	21.5	0.95	
BCGE-10-02	22.0	1.85	
BCGE-10-02	22.5	2.68	
BCGE-10-02	23.0	1.67	
BCGE-10-02	23.5	0.39	
BCGE-10-02	24.0	1.41	
BCGE-10-02	24.5	1.29	
BCGE-10-02	25.0	1.10	
BCGE-10-02	25.5	3.34	
BCGE-10-02	26.0	1.98	
BCGE-10-02	26.5	2.55	
BCGE-10-02	27.0	3.92	
BCGE-10-02	27.5	4.36	
BCGE-10-02	28.0	2.08	
BCGE-10-02	28.5	4.21	
BCGE-10-02	29.0	4.43	
BCGE-10-02	29.5	3.44	
BCGE-10-02	30.0	3.93	
BCGE-10-02	30.5	2.75	
BCGE-10-02	31.0	3.62	
BCGE-10-02	31.5	5.72	
BCGE-10-02	32.0	3.20	

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**2010 Drill Logs - Magnetic Susceptibility - Page #6**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-02	32.5	2.14	
BCGE-10-02	33.0	0.47	
BCGE-10-02	33.5	1.19	
BCGE-10-02	34.0	0.21	
BCGE-10-02	34.5	2.60	
BCGE-10-02	35.0	1.20	
BCGE-10-02	35.5	6.34	
BCGE-10-02	36.0	2.14	
BCGE-10-02	36.5	2.07	
BCGE-10-02	37.0	2.43	
BCGE-10-02	37.5	2.21	
BCGE-10-02	38.0	4.78	
BCGE-10-02	38.5	1.57	
BCGE-10-02	39.0	0.78	
BCGE-10-02	39.5	1.33	
BCGE-10-02	40.0	2.04	
BCGE-10-02	40.5	4.86	
BCGE-10-02	41.0	0.24	
BCGE-10-02	41.5	0.34	
BCGE-10-02	42.0	0.14	
BCGE-10-02	42.5	0.30	
BCGE-10-02	43.0	0.21	
BCGE-10-02	43.5	0.20	
BCGE-10-02	44.0	2.67	
BCGE-10-02	44.5	2.10	
BCGE-10-02	45.0	0.71	
BCGE-10-02	45.5	1.45	
BCGE-10-02	46.0	1.81	
BCGE-10-02	46.5	1.08	
BCGE-10-02	47.0	2.05	
BCGE-10-02	47.5	2.02	
BCGE-10-02	48.0	1.26	
BCGE-10-02	48.5	6.54	
BCGE-10-02	49.0	1.13	
BCGE-10-02	49.5	0.98	
BCGE-10-02	50.0	0.17	
BCGE-10-02	50.5	0.74	
BCGE-10-02	51.0	0.46	
BCGE-10-02	51.5	0.66	
BCGE-10-02	52.0	0.29	
BCGE-10-02	52.5	1.45	
BCGE-10-02	53.0	0.68	
BCGE-10-02	53.5	0.27	
BCGE-10-02	54.0	0.21	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-02	54.5	0.41	
BCGE-10-02	55.0	0.33	
BCGE-10-02	55.5	0.76	
BCGE-10-02	56.0	0.49	
BCGE-10-02	56.5	0.48	
BCGE-10-02	57.0	0.66	
BCGE-10-02	57.5	0.63	
BCGE-10-02	58.0	0.30	
BCGE-10-02	58.5	0.32	
BCGE-10-02	59.0	2.10	
BCGE-10-02	59.5	0.48	
BCGE-10-02	60.0	0.28	
BCGE-10-02	60.5	0.28	
BCGE-10-02	61.0	2.23	
BCGE-10-02	61.5	1.13	
BCGE-10-02	62.0	3.34	
BCGE-10-02	62.5	4.27	
BCGE-10-02	63.0	2.68	
BCGE-10-02	63.5	2.28	
BCGE-10-02	64.0	5.42	
BCGE-10-02	64.5	3.95	
BCGE-10-02	65.0	5.03	
BCGE-10-02	65.5	2.42	
BCGE-10-02	66.0	3.39	
BCGE-10-02	66.5	1.87	
BCGE-10-02	67.0	2.25	
BCGE-10-02	67.5	3.37	
BCGE-10-02	68.0	0.22	
BCGE-10-02	68.5	2.79	
BCGE-10-02	69.0	3.32	
BCGE-10-02	69.5	2.18	
BCGE-10-02	70.0	4.15	
BCGE-10-02	70.5	1.95	
BCGE-10-02	71.0	1.57	
BCGE-10-02	71.5	1.67	
BCGE-10-02	72.0	0.94	
BCGE-10-02	72.5	0.92	
BCGE-10-02	73.0	1.09	
BCGE-10-02	73.5	0.94	
BCGE-10-02	74.0	0.57	
BCGE-10-02	74.5	1.26	
BCGE-10-02	75.0	0.97	
BCGE-10-02	75.5	1.05	
BCGE-10-02	76.0	0.55	

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**2010 Drill Logs - Magnetic Susceptibility - Page #7**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-02	76.5	1.24	
BCGE-10-02	77.0	0.91	
BCGE-10-02	77.5	0.34	
BCGE-10-02	78.0	0.59	
BCGE-10-02	78.5	0.49	
BCGE-10-02	79.0	0.44	
BCGE-10-02	79.5	0.14	
BCGE-10-02	80.0	0.25	
BCGE-10-02	80.5	0.21	
BCGE-10-02	81.0	0.24	
BCGE-10-02	81.5	0.18	
BCGE-10-02	82.0	0.16	
BCGE-10-02	82.5	0.23	
BCGE-10-02	83.0	0.24	
BCGE-10-02	83.5	0.76	
BCGE-10-02	84.0	0.50	
BCGE-10-02	84.5	0.32	
BCGE-10-02	85.0	2.78	
BCGE-10-02	85.5	0.38	
BCGE-10-02	86.0	0.21	
BCGE-10-02	86.5	0.18	
BCGE-10-02	87.0	0.32	
BCGE-10-02	87.5	0.19	
BCGE-10-02	88.0	0.41	
BCGE-10-02	88.5	0.33	
BCGE-10-02	89.0	0.17	
BCGE-10-02	89.5	0.29	
BCGE-10-02	90.0	0.29	
BCGE-10-02	90.5	0.38	
BCGE-10-02	91.0	0.15	
BCGE-10-02	91.5	0.09	
BCGE-10-02	92.0	0.19	
BCGE-10-02	92.5	0.15	
BCGE-10-02	93.0	0.10	
BCGE-10-02	93.5	0.12	
BCGE-10-02	94.0	0.40	
BCGE-10-02	94.5	0.99	
BCGE-10-02	95.0	0.68	
BCGE-10-02	95.5	0.03	
BCGE-10-02	96.0	0.38	
BCGE-10-02	96.5	0.20	
BCGE-10-02	97.0	1.32	
BCGE-10-02	97.5	0.28	
BCGE-10-02	98.0	0.71	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-02	98.5	0.29	
BCGE-10-02	99.0	0.45	
BCGE-10-02	99.5	0.52	
BCGE-10-02	100.0	1.41	
BCGE-10-02	100.5	0.32	
BCGE-10-02	101.0	0.40	
BCGE-10-02	101.5	0.06	
BCGE-10-02	102.0	0.27	
BCGE-10-02	102.5	0.13	
BCGE-10-02	103.0	0.26	
BCGE-10-02	103.5	0.43	
BCGE-10-02	104.0	2.53	
BCGE-10-02	104.5	2.53	
BCGE-10-02	105.0	3.70	
BCGE-10-02	105.5	1.84	
BCGE-10-02	106.0	2.08	
BCGE-10-02	106.5	2.41	
BCGE-10-02	107.0	0.91	
BCGE-10-02	107.5	1.05	
BCGE-10-02	108.0	1.42	
BCGE-10-02	108.5	0.57	
BCGE-10-02	109.0	0.66	
BCGE-10-02	109.5	0.50	
BCGE-10-02	110.0	1.17	
BCGE-10-02	110.5	1.33	
BCGE-10-02	111.0	2.77	
BCGE-10-02	111.5	2.03	
BCGE-10-02	112.0	0.90	
BCGE-10-02	112.5	0.30	
BCGE-10-02	113.0	0.20	
BCGE-10-02	113.5	0.41	
BCGE-10-02	114.0	1.11	
BCGE-10-02	114.5	1.05	
BCGE-10-02	115.0	0.76	
BCGE-10-02	115.5	0.41	
BCGE-10-02	116.0	1.44	
BCGE-10-02	116.5	1.95	
BCGE-10-02	117.0	2.70	
BCGE-10-02	117.5	1.83	
BCGE-10-02	118.0	1.50	
BCGE-10-02	118.5	1.08	
BCGE-10-02	119.0	1.42	
BCGE-10-02	119.5	0.86	
BCGE-10-02	120.0	2.39	



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**2010 Drill Logs - Magnetic Susceptibility - Page #8**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-02	120.5	0.74	
BCGE-10-02	121.0	1.74	
BCGE-10-02	121.5	0.89	
BCGE-10-02	122.0	0.52	
BCGE-10-02	122.5	0.75	
BCGE-10-02	123.0	1.00	
BCGE-10-02	123.5	1.03	
BCGE-10-02	124.0	0.75	
BCGE-10-02	124.5	1.11	
BCGE-10-02	125.0	1.70	
BCGE-10-02	125.5	1.49	
BCGE-10-02	126.0	1.11	
BCGE-10-02	126.5	0.90	
BCGE-10-02	127.0	0.72	
BCGE-10-02	127.5	0.37	
BCGE-10-02	128.0	0.36	
BCGE-10-02	128.5	0.39	
BCGE-10-02	129.0	0.66	
BCGE-10-02	129.5	0.92	
BCGE-10-02	130.0	0.48	
BCGE-10-02	130.5	0.75	
BCGE-10-02	131.0	0.31	
BCGE-10-02	131.5	0.18	
BCGE-10-02	132.0	0.25	
BCGE-10-02	132.5	0.19	
BCGE-10-02	133.0	0.18	
BCGE-10-02	133.5	0.14	
BCGE-10-02	134.0	0.49	
BCGE-10-02	134.5	0.19	
BCGE-10-02	135.0	0.25	
BCGE-10-02	135.5	0.25	
BCGE-10-02	136.0	0.43	
BCGE-10-02	136.5	0.28	
BCGE-10-02	137.0	0.24	
BCGE-10-02	137.5	0.22	
BCGE-10-02	138.0	0.24	
BCGE-10-02	138.5	0.28	
BCGE-10-02	139.0	0.35	
BCGE-10-02	139.5	0.34	
BCGE-10-02	140.0	0.30	
BCGE-10-02	140.5	0.15	
BCGE-10-02	141.0	0.16	
BCGE-10-02	141.5	0.22	
BCGE-10-02	142.0	0.27	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-02	142.5	0.30	
BCGE-10-02	143.0	0.23	
BCGE-10-02	143.5	0.31	
BCGE-10-02	144.0	0.19	
BCGE-10-02	144.5	0.22	
BCGE-10-02	145.0	0.22	
BCGE-10-03	0.5	0.00	
BCGE-10-03	1.0	0.37	
BCGE-10-03	1.5	0.69	
BCGE-10-03	2.0	1.44	
BCGE-10-03	2.5	0.94	
BCGE-10-03	3.0	1.27	
BCGE-10-03	3.5	1.38	
BCGE-10-03	4.0	0.46	
BCGE-10-03	4.5	0.43	
BCGE-10-03	5.0	0.57	
BCGE-10-03	5.5	0.66	
BCGE-10-03	6.0	0.53	
BCGE-10-03	6.5	0.57	
BCGE-10-03	7.0	1.50	
BCGE-10-03	7.5	1.00	
BCGE-10-03	8.0	0.59	
BCGE-10-03	8.5	0.29	
BCGE-10-03	9.0	0.38	
BCGE-10-03	9.5	0.29	
BCGE-10-03	10.0	0.21	
BCGE-10-03	10.5	0.24	
BCGE-10-03	11.0	0.25	
BCGE-10-03	11.5	0.95	
BCGE-10-03	12.0	0.42	
BCGE-10-03	12.5	0.47	
BCGE-10-03	13.0	0.21	
BCGE-10-03	13.5	1.68	
BCGE-10-03	14.0	0.30	
BCGE-10-03	14.5	1.94	
BCGE-10-03	15.0	2.18	
BCGE-10-03	15.5	1.18	
BCGE-10-03	16.0	1.31	
BCGE-10-03	16.5	1.13	
BCGE-10-03	17.0	1.47	
BCGE-10-03	17.5	1.28	
BCGE-10-03	18.0	1.08	
BCGE-10-03	18.5	1.32	
BCGE-10-03	19.0	1.24	

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**2010 Drill Logs - Magnetic Susceptibility - Page #9**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-03	19.5	1.48	
BCGE-10-03	20.0	1.29	
BCGE-10-03	20.5	0.92	
BCGE-10-03	21.0	1.20	
BCGE-10-03	21.5	2.11	
BCGE-10-03	22.0	1.63	
BCGE-10-03	22.5	0.81	
BCGE-10-03	23.0	1.49	
BCGE-10-03	23.5	1.44	
BCGE-10-03	24.0	1.57	
BCGE-10-03	24.5	2.41	
BCGE-10-03	25.0	3.37	
BCGE-10-03	25.5	2.60	
BCGE-10-03	26.0	2.60	
BCGE-10-03	26.5	3.22	
BCGE-10-03	27.0	1.96	
BCGE-10-03	27.5	4.06	
BCGE-10-03	28.0	2.82	
BCGE-10-03	28.5	1.75	
BCGE-10-03	29.0	2.41	
BCGE-10-03	29.5	1.48	
BCGE-10-03	30.0	1.16	
BCGE-10-03	30.5	0.68	
BCGE-10-03	31.0	0.81	
BCGE-10-03	31.5	0.33	
BCGE-10-03	32.0	1.46	
BCGE-10-03	32.5	3.06	
BCGE-10-03	33.0	0.32	
BCGE-10-03	33.5	0.36	
BCGE-10-03	34.0	3.78	
BCGE-10-03	34.5	2.43	
BCGE-10-03	35.0	3.04	
BCGE-10-03	35.5	1.10	
BCGE-10-03	36.0	1.47	
BCGE-10-03	36.5	3.00	
BCGE-10-03	37.0	1.67	
BCGE-10-03	37.5	2.29	
BCGE-10-03	38.0	1.86	
BCGE-10-03	38.5	1.05	
BCGE-10-03	39.0	0.74	
BCGE-10-03	39.5	0.36	
BCGE-10-03	40.0	0.32	
BCGE-10-03	40.5	0.18	
BCGE-10-03	41.0	0.43	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-03	41.5	3.78	
BCGE-10-03	42.0	5.1	
BCGE-10-03	42.5	3.54	
BCGE-10-03	43.0	0.27	
BCGE-10-03	43.5	0.24	
BCGE-10-03	44.0	1.1	
BCGE-10-03	44.5	0.55	
BCGE-10-03	45.0	1.27	
BCGE-10-03	45.5	2.51	
BCGE-10-03	46.0	0.00	
BCGE-10-03	46.5	0.11	
BCGE-10-03	47.0	1.51	
BCGE-10-03	47.5	1.38	
BCGE-10-03	48.0	0.87	
BCGE-10-03	48.5	0.58	
BCGE-10-03	49.0	0.28	
BCGE-10-03	49.5	0.25	
BCGE-10-03	50.0	0.57	
BCGE-10-03	50.5	0.23	
BCGE-10-03	51.0	0.43	
BCGE-10-03	51.5	0.28	
BCGE-10-03	52.0	0.27	
BCGE-10-03	52.5	0.43	
BCGE-10-03	53.0	0.48	
BCGE-10-03	53.5	0.24	
BCGE-10-03	54.0	0.28	
BCGE-10-03	54.5	0.31	
BCGE-10-03	55.0	0.35	
BCGE-10-03	55.5	0.27	
BCGE-10-03	56.0	0.42	
BCGE-10-03	56.5	0.27	
BCGE-10-03	57.0	0.29	
BCGE-10-03	57.5	0.32	
BCGE-10-03	58.0	0.94	
BCGE-10-03	58.5	2.31	
BCGE-10-03	59.0	1.39	
BCGE-10-03	59.5	1.20	
BCGE-10-03	60.0	0.98	
BCGE-10-03	60.5	0.34	
BCGE-10-03	61.0	4.08	
BCGE-10-03	61.5	2.04	
BCGE-10-03	62.0	2.39	
BCGE-10-03	62.5	2.30	
BCGE-10-03	63.0	1.80	

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**2010 Drill Logs - Magnetic Susceptibility - Page #10**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-03	63.5	1.77	
BCGE-10-03	64.0	1.50	
BCGE-10-03	64.5	0.93	
BCGE-10-03	65.0	1.58	
BCGE-10-03	65.5	1.31	
BCGE-10-03	66.0	0.96	
BCGE-10-03	66.5	0.35	
BCGE-10-03	67.0	0.29	
BCGE-10-03	67.5	0.71	
BCGE-10-03	68.0	0.84	
BCGE-10-03	68.5	0.55	
BCGE-10-03	69.0	1.13	
BCGE-10-03	69.5	0.84	
BCGE-10-03	70.0	0.48	
BCGE-10-03	70.5	1.36	
BCGE-10-03	71.0	1.78	
BCGE-10-03	71.5	0.93	
BCGE-10-03	72.0	1.39	
BCGE-10-03	72.5	2.07	
BCGE-10-03	73.0	1.76	
BCGE-10-03	73.5	1.33	
BCGE-10-03	74.0	2.95	
BCGE-10-03	74.5	0.39	
BCGE-10-03	75.0	0.21	
BCGE-10-03	75.5	0.25	
BCGE-10-03	76.0	1.50	
BCGE-10-03	76.5	0.29	
BCGE-10-03	77.0	1.05	
BCGE-10-03	77.5	0.71	
BCGE-10-03	78.0	2.17	
BCGE-10-03	78.5	1.72	
BCGE-10-03	79.0	1.45	
BCGE-10-03	79.5	0.57	
BCGE-10-03	80.0	0.80	
BCGE-10-03	80.5	1.31	
BCGE-10-03	81.0	2.19	
BCGE-10-03	81.5	1.68	
BCGE-10-03	82.0	0.38	
BCGE-10-03	82.5	1.61	
BCGE-10-03	83.0	1.43	
BCGE-10-03	83.5	1.36	
BCGE-10-03	84.0	0.35	
BCGE-10-03	84.5	2.34	
BCGE-10-03	85.0	0.11	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-03	85.5	0.21	
BCGE-10-03	86.0	0.16	
BCGE-10-03	86.5	0.26	
BCGE-10-03	87.0	0.21	
BCGE-10-03	87.5	0.62	
BCGE-10-03	88.0	0.84	
BCGE-10-03	88.5	3.72	
BCGE-10-03	89.0	3.08	
BCGE-10-03	89.5	1.98	
BCGE-10-03	90.0	1.64	
BCGE-10-03	90.5	1.95	
BCGE-10-03	91.0	3.06	
BCGE-10-03	91.5	3.94	
BCGE-10-03	92.0	3.47	
BCGE-10-03	92.5	3.19	
BCGE-10-03	93.0	2.06	
BCGE-10-03	93.5	2.73	
BCGE-10-03	94.0	1.47	
BCGE-10-03	94.5	3.54	
BCGE-10-03	95.0	3.66	
BCGE-10-03	95.5	1.88	
BCGE-10-03	96.0	3.51	
BCGE-10-03	96.5	2.24	
BCGE-10-03	97.0	2.24	
BCGE-10-03	97.5	1.63	
BCGE-10-03	98.0	0.91	
BCGE-10-03	98.5	7.31	
BCGE-10-03	99.0	3.54	
BCGE-10-03	99.5	1.67	
BCGE-10-03	100.0	1.32	
BCGE-10-03	100.5	1.83	
BCGE-10-03	101.0	3.03	
BCGE-10-03	101.5	6.35	
BCGE-10-03	102.0	1.80	
BCGE-10-03	102.5	1.55	
BCGE-10-03	103.0	2.25	
BCGE-10-03	103.5	2.10	
BCGE-10-03	104.0	3.81	
BCGE-10-03	104.5	1.00	
BCGE-10-03	105.0	0.66	
BCGE-10-03	105.5	2.54	
BCGE-10-03	106.0	1.10	
BCGE-10-03	106.5	2.26	
BCGE-10-03	107.0	1.06	

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Hole_ID	Depth	MagSusc	Notes
BCGE-10-03	107.5	2.10	
BCGE-10-03	108.0	1.42	
BCGE-10-03	108.5	2.32	
BCGE-10-03	109.0	0.66	
BCGE-10-03	109.5	4.26	
BCGE-10-03	110.0	1.69	
BCGE-10-03	110.5	1.44	
BCGE-10-03	111.0	2.07	
BCGE-10-03	111.5	1.91	
BCGE-10-03	112.0	1.31	
BCGE-10-03	112.5	3.02	
BCGE-10-03	113.0	2.11	
BCGE-10-03	113.5	0.51	
BCGE-10-03	114.0	1.85	
BCGE-10-03	114.5	2.17	
BCGE-10-03	115.0	0.96	
BCGE-10-03	115.5	0.49	
BCGE-10-03	116.0	0.30	
BCGE-10-03	116.5	0.37	
BCGE-10-03	117.0	0.15	
BCGE-10-03	117.5	0.08	
BCGE-10-03	118.0	0.28	
BCGE-10-03	118.5	0.27	
BCGE-10-03	119.0	0.80	
BCGE-10-03	119.5	0.31	
BCGE-10-03	120.0	0.22	
BCGE-10-03	120.5	0.19	
BCGE-10-03	121.0	0.21	
BCGE-10-03	121.5	0.19	
BCGE-10-03	122.0	0.18	
BCGE-10-03	122.5	0.26	
BCGE-10-03	123.0	0.21	
BCGE-10-03	123.5	0.16	
BCGE-10-03	124.0	0.29	
BCGE-10-03	124.5	0.27	
BCGE-10-03	125.0	0.26	
BCGE-10-03	125.5	0.18	
BCGE-10-03	126.0	0.25	
BCGE-10-03	126.5	0.36	
BCGE-10-03	127.0	0.27	
BCGE-10-03	127.5	0.26	
BCGE-10-03	128.0	0.42	
BCGE-10-03	128.5	0.28	
BCGE-10-03	129.0	0.54	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-03	129.5	0.18	
BCGE-10-03	130.0	0.54	
BCGE-10-03	130.5	0.75	
BCGE-10-03	131.0	1.70	
BCGE-10-03	131.5	0.19	
BCGE-10-03	132.0	1.64	
BCGE-10-03	132.5	0.59	
BCGE-10-03	133.0	0.95	
BCGE-10-03	133.5	1.31	
BCGE-10-03	134.0	1.53	
BCGE-10-03	134.5	0.82	
BCGE-10-03	135.0	1.08	
BCGE-10-03	135.5	1.18	
BCGE-10-03	136.0	1.20	
BCGE-10-03	136.5	0.69	
BCGE-10-03	137.0	1.47	
BCGE-10-03	137.5	2.36	
BCGE-10-03	138.0	1.29	
BCGE-10-03	138.5	2.23	
BCGE-10-03	139.0	2.09	
BCGE-10-03	139.5	2.36	
BCGE-10-03	140.0	0.99	
BCGE-10-03	140.5	0.56	
BCGE-10-03	141.0	2.78	
BCGE-10-03	141.5	1.80	
BCGE-10-03	142.0	0.28	
BCGE-10-03	142.5	0.67	
BCGE-10-03	143.0	2.77	
BCGE-10-03	143.5	0.67	
BCGE-10-03	144.0	0.39	
BCGE-10-03	144.5	0.32	
BCGE-10-03	145.0	0.40	
BCGE-10-03	145.5	0.28	
BCGE-10-03	146.0	0.39	
BCGE-10-03	146.5	0.23	
BCGE-10-03	147.0	0.23	
BCGE-10-03	147.5	0.26	
BCGE-10-03	148.0	0.34	
BCGE-10-03	148.5	0.39	
BCGE-10-03	149.0	0.24	
BCGE-10-03	149.5	0.41	
BCGE-10-03	150.0	1.33	
BCGE-10-03	150.5	0.78	
BCGE-10-03	151.0	1.93	

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**2010 Drill Logs - Magnetic Susceptibility - Page #12**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-03	151.5	0.21	
BCGE-10-03	152.0	0.52	
BCGE-10-03	152.5	0.22	
BCGE-10-03	153.0	0.69	
BCGE-10-03	153.5	0.18	
BCGE-10-03	154.0	0.33	
BCGE-10-03	154.5	0.41	
BCGE-10-03	155.0	0.16	
BCGE-10-03	155.5	0.19	
BCGE-10-03	156.0	0.14	
BCGE-10-03	156.5	0.16	
BCGE-10-03	157.0	0.21	
BCGE-10-03	157.5	0.18	
BCGE-10-03	158.0	0.32	
BCGE-10-03	158.5	0.23	
BCGE-10-03	159.0	0.30	
BCGE-10-03	159.5	0.28	
BCGE-10-03	160.0	0.78	
BCGE-10-03	160.5	1.67	
BCGE-10-03	161.0	1.45	
BCGE-10-03	161.5	0.84	
BCGE-10-03	162.0	1.12	
BCGE-10-03	162.5	0.78	
BCGE-10-03	162.9	1.12	
BCGE-10-04	0.5	0.73	New Battery at beginning of Hole
BCGE-10-04	1.0	2.16	
BCGE-10-04	1.5	1.11	
BCGE-10-04	2.0	2.11	
BCGE-10-04	2.5	0.73	
BCGE-10-04	3.0	1.02	
BCGE-10-04	3.5	2.22	
BCGE-10-04	4.0	0.64	
BCGE-10-04	4.5	3.72	
BCGE-10-04	5.0	1.50	
BCGE-10-04	5.5	1.66	
BCGE-10-04	6.0	1.12	
BCGE-10-04	6.5	1.78	
BCGE-10-04	7.0	2.39	
BCGE-10-04	7.5	1.07	
BCGE-10-04	8.0	2.20	
BCGE-10-04	8.5	1.70	
BCGE-10-04	9.0	1.94	
BCGE-10-04	9.5	4.02	
BCGE-10-04	10.0	0.40	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-04	10.5	2.08	
BCGE-10-04	11.0	1.82	
BCGE-10-04	11.5	1.99	
BCGE-10-04	12.0	2.60	
BCGE-10-04	12.5	1.83	
BCGE-10-04	13.0	1.07	
BCGE-10-04	13.5	6.24	
BCGE-10-04	14.0	2.25	
BCGE-10-04	14.5	1.67	
BCGE-10-04	15.0	1.94	
BCGE-10-04	15.5	2.05	
BCGE-10-04	16.0	0.71	
BCGE-10-04	16.5	1.85	
BCGE-10-04	17.0	2.55	
BCGE-10-04	17.5	1.54	
BCGE-10-04	18.0	0.85	
BCGE-10-04	18.5	1.81	
BCGE-10-04	19.0	1.29	
BCGE-10-04	19.5	0.24	
BCGE-10-04	20.0	0.23	
BCGE-10-04	20.5	0.23	
BCGE-10-04	21.0	0.24	
BCGE-10-04	21.5	0.82	
BCGE-10-04	22.0	0.17	
BCGE-10-04	22.5	0.32	
BCGE-10-04	23.0	0.74	
BCGE-10-04	23.5	1.11	
BCGE-10-04	24.0	3.72	
BCGE-10-04	24.5	1.27	
BCGE-10-04	25.0	0.74	
BCGE-10-04	25.5	0.35	
BCGE-10-04	26.0	0.33	
BCGE-10-04	26.5	0.27	
BCGE-10-04	27.0	0.19	
BCGE-10-04	27.5	0.24	
BCGE-10-04	28.0	0.25	
BCGE-10-04	28.5	0.23	
BCGE-10-04	29.0	0.34	
BCGE-10-04	29.5	0.24	
BCGE-10-04	30.0	0.27	
BCGE-10-04	30.5	0.16	
BCGE-10-04	31.0	0.28	
BCGE-10-04	31.5	0.17	
BCGE-10-04	32.0	0.26	

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**2010 Drill Logs - Magnetic Susceptibility - Page #13**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-04	32.5	0.29	
BCGE-10-04	33.0	0.22	
BCGE-10-04	33.5	0.26	
BCGE-10-04	34.0	0.49	
BCGE-10-04	34.5	0.36	
BCGE-10-04	35.0	0.29	
BCGE-10-04	35.5	0.30	
BCGE-10-04	36.0	0.72	
BCGE-10-04	36.5	0.32	
BCGE-10-04	37.0	0.47	
BCGE-10-04	37.5	0.26	
BCGE-10-04	38.0	0.44	
BCGE-10-04	38.5	0.38	
BCGE-10-04	39.0	0.40	
BCGE-10-04	39.5	0.28	
BCGE-10-04	40.0	0.39	
BCGE-10-04	40.5	0.45	
BCGE-10-04	41.0	0.95	
BCGE-10-04	41.5	1.47	
BCGE-10-04	42.0	2.72	
BCGE-10-04	42.5	3.13	
BCGE-10-04	43.0	1.86	
BCGE-10-04	43.5	0.19	
BCGE-10-04	44.0	3.64	
BCGE-10-04	44.5	0.33	
BCGE-10-04	45.0	0.78	
BCGE-10-04	45.5	0.75	
BCGE-10-04	46.0	2.84	
BCGE-10-04	46.5	0.35	
BCGE-10-04	47.0	0.80	
BCGE-10-04	47.5	0.56	
BCGE-10-04	48.0	1.04	
BCGE-10-04	48.5	0.53	
BCGE-10-04	49.0	0.50	
BCGE-10-04	49.5	0.82	
BCGE-10-04	50.0	0.40	
BCGE-10-04	50.5	0.76	
BCGE-10-04	51.0	0.18	
BCGE-10-04	51.5	0.05	
BCGE-10-04	52.0	0.33	
BCGE-10-04	52.5	0.82	
BCGE-10-04	53.0	0.71	
BCGE-10-04	53.5	0.31	
BCGE-10-04	54.0	0.49	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-04	54.5	0.61	
BCGE-10-04	55.0	0.31	
BCGE-10-04	55.5	0.21	
BCGE-10-04	56.0	1.22	
BCGE-10-04	56.5	0.32	
BCGE-10-04	57.0	0.70	
BCGE-10-04	57.5	1.91	
BCGE-10-04	58.0	0.83	
BCGE-10-04	58.5	2.39	
BCGE-10-04	59.0	1.54	
BCGE-10-04	59.5	1.34	
BCGE-10-04	60.0	1.84	
BCGE-10-04	60.5	2.04	
BCGE-10-04	61.0	1.88	
BCGE-10-04	61.5	1.73	
BCGE-10-04	62.0	2.36	
BCGE-10-04	62.5	1.08	
BCGE-10-04	63.0	2.24	
BCGE-10-04	63.5	1.22	
BCGE-10-04	64.0	1.09	
BCGE-10-04	64.5	1.38	
BCGE-10-04	64.9	1.20	End of hole @ 64.92
BCGE-10-05	0.5	2.04	
BCGE-10-05	1.0	1.86	
BCGE-10-05	1.5	2.38	
BCGE-10-05	2.0	2.17	
BCGE-10-05	2.5	2.16	
BCGE-10-05	3.0	1.22	
BCGE-10-05	3.5	1.06	
BCGE-10-05	4.0	1.59	
BCGE-10-05	4.5	2.27	
BCGE-10-05	5.0	10.90	
BCGE-10-05	5.5	1.54	
BCGE-10-05	6.0	1.65	
BCGE-10-05	6.5	1.13	
BCGE-10-05	7.0	1.97	
BCGE-10-05	7.5	1.20	
BCGE-10-05	8.0	1.98	
BCGE-10-05	8.5	1.85	
BCGE-10-05	9.0	2.48	
BCGE-10-05	9.5	1.61	
BCGE-10-05	10.0	1.96	
BCGE-10-05	10.5	3.00	
BCGE-10-05	11.0	2.01	

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**2010 Drill Logs - Magnetic Susceptibility - Page #14**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-05	11.5	2.49	
BCGE-10-05	12.0	1.70	
BCGE-10-05	12.5	1.22	
BCGE-10-05	13.0	0.48	
BCGE-10-05	13.5	0.49	
BCGE-10-05	14.0	0.42	
BCGE-10-05	14.5	1.35	
BCGE-10-05	15.0	0.50	
BCGE-10-05	15.5	3.88	
BCGE-10-05	16.0	1.79	
BCGE-10-05	16.5	1.79	
BCGE-10-05	17.0	1.42	
BCGE-10-05	17.5	1.85	
BCGE-10-05	18.0	1.53	
BCGE-10-05	18.5	1.65	
BCGE-10-05	19.0	1.76	
BCGE-10-05	19.5	1.45	
BCGE-10-05	20.0	0.64	
BCGE-10-05	20.5	0.34	
BCGE-10-05	21.0	0.67	
BCGE-10-05	21.5	0.60	
BCGE-10-05	22.0	0.85	
BCGE-10-05	22.5	2.34	
BCGE-10-05	23.0	0.28	
BCGE-10-05	23.5	1.56	
BCGE-10-05	24.0	3.11	
BCGE-10-05	24.5	4.04	
BCGE-10-05	25.0	2.31	
BCGE-10-05	25.5	1.89	
BCGE-10-05	26.0	0.80	
BCGE-10-05	26.5	0.94	
BCGE-10-05	27.0	1.23	
BCGE-10-05	27.5	1.68	
BCGE-10-05	28.0	1.52	
BCGE-10-05	28.5	2.57	
BCGE-10-05	29.0	0.22	
BCGE-10-05	29.5	0.22	
BCGE-10-05	30.0	0.24	
BCGE-10-05	30.5	0.23	
BCGE-10-05	31.0	0.24	
BCGE-10-05	31.5	0.32	
BCGE-10-05	32.0	0.19	
BCGE-10-05	32.5	0.53	
BCGE-10-05	33.0	0.17	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-05	33.5	0.29	
BCGE-10-05	34.0	0.64	
BCGE-10-05	34.5	1.40	
BCGE-10-05	35.0	0.56	
BCGE-10-05	35.5	0.94	
BCGE-10-05	36.0	1.06	
BCGE-10-05	36.5	0.91	
BCGE-10-05	37.0	0.54	
BCGE-10-05	37.5	0.70	
BCGE-10-05	38.0	0.26	
BCGE-10-05	38.5	0.36	
BCGE-10-05	39.0	0.29	
BCGE-10-05	39.5	0.14	
BCGE-10-05	40.0	0.80	
BCGE-10-05	40.5	0.09	
BCGE-10-05	41.0	0.16	
BCGE-10-05	41.5	0.23	
BCGE-10-05	42.0	0.25	
BCGE-10-05	42.5	0.23	
BCGE-10-05	43.0	0.27	
BCGE-10-05	43.5	0.16	
BCGE-10-05	44.0	0.22	
BCGE-10-05	44.5	0.22	
BCGE-10-05	45.0	0.27	
BCGE-10-05	45.5	0.24	
BCGE-10-05	46.0	0.11	
BCGE-10-05	46.5	0.08	
BCGE-10-05	47.0	0.10	
BCGE-10-05	47.5	0.31	
BCGE-10-05	48.0	0.23	
BCGE-10-05	48.5	0.09	
BCGE-10-05	49.0	0.18	
BCGE-10-05	49.5	0.11	
BCGE-10-05	50.0	0.39	
BCGE-10-05	50.5	0.39	
BCGE-10-05	51.0	0.88	
BCGE-10-05	51.5	0.49	
BCGE-10-05	52.0	0.50	
BCGE-10-05	52.5	0.25	
BCGE-10-05	53.0	0.24	
BCGE-10-05	53.5	0.16	
BCGE-10-05	54.0	0.24	
BCGE-10-05	54.5	0.06	
BCGE-10-05	55.0	0.95	

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**2010 Drill Logs - Magnetic Susceptibility - Page #15**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-05	55.5	0.10	
BCGE-10-05	56.0	0.22	
BCGE-10-05	56.5	0.33	
BCGE-10-05	57.0	0.36	
BCGE-10-05	57.5	2.95	
BCGE-10-05	58.0	0.56	
BCGE-10-05	58.5	0.31	
BCGE-10-05	59.0	1.20	
BCGE-10-05	59.5	0.36	
BCGE-10-05	60.0	1.21	
BCGE-10-05	60.5	1.83	
BCGE-10-05	61.0	1.52	
BCGE-10-05	61.5	2.92	
BCGE-10-05	62.0	3.30	
BCGE-10-05	62.5	0.30	
BCGE-10-05	63.0	0.62	
BCGE-10-05	63.5	0.67	
BCGE-10-05	64.0	0.29	
BCGE-10-05	64.5	1.35	
BCGE-10-05	64.9	0.41	
BCGE-10-06	0.5	0.07	
BCGE-10-06	1.0	0.08	
BCGE-10-06	1.5	1.89	
BCGE-10-06	2.0	1.85	
BCGE-10-06	2.5	2.02	
BCGE-10-06	3.0	1.47	
BCGE-10-06	3.5	1.34	
BCGE-10-06	4.0	2.00	
BCGE-10-06	4.5	1.49	
BCGE-10-06	5.0	1.05	
BCGE-10-06	5.5	1.35	
BCGE-10-06	6.0	1.34	
BCGE-10-06	6.5	1.42	
BCGE-10-06	7.0	1.68	
BCGE-10-06	7.5	1.41	
BCGE-10-06	8.0	1.65	
BCGE-10-06	8.5	2.65	
BCGE-10-06	9.0	2.08	
BCGE-10-06	9.5	2.99	
BCGE-10-06	10.0	1.56	
BCGE-10-06	10.5	1.42	
BCGE-10-06	11.0	2.02	
BCGE-10-06	11.5	0.80	
BCGE-10-06	12.0	0.62	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-06	12.5	0.59	
BCGE-10-06	13.0	0.93	
BCGE-10-06	13.5	0.49	
BCGE-10-06	14.0	1.24	
BCGE-10-06	14.5	2.07	
BCGE-10-06	15.0	1.74	
BCGE-10-06	15.5	1.09	
BCGE-10-06	16.0	0.25	
BCGE-10-06	16.5	1.20	
BCGE-10-06	17.0	1.38	
BCGE-10-06	17.5	5.56	
BCGE-10-06	18.0	4.04	
BCGE-10-06	18.5	3.99	
BCGE-10-06	19.0	5.43	
BCGE-10-06	19.5	5.42	
BCGE-10-06	20.0	0.64	
BCGE-10-06	20.5	0.13	
BCGE-10-06	21.0	1.94	
BCGE-10-06	21.5	1.06	
BCGE-10-06	22.0	1.66	
BCGE-10-06	22.5	0.64	
BCGE-10-06	23.0	1.03	
BCGE-10-06	23.5	0.07	
BCGE-10-06	24.0	0.77	
BCGE-10-06	24.5	0.34	
BCGE-10-06	25.0	0.37	
BCGE-10-06	25.5	1.28	
BCGE-10-06	26.0	0.45	
BCGE-10-06	26.5	0.00	
BCGE-10-06	27.0	0.29	
BCGE-10-06	27.5	0.34	
BCGE-10-06	28.0	0.13	
BCGE-10-06	28.5	0.78	
BCGE-10-06	29.0	0.79	
BCGE-10-06	29.5	1.62	
BCGE-10-06	30.0	3.35	
BCGE-10-06	30.5	1.96	
BCGE-10-06	31.0	2.71	
BCGE-10-06	31.5	0.31	
BCGE-10-06	32.0	0.29	
BCGE-10-06	32.5	0.34	
BCGE-10-06	33.0	0.00	
BCGE-10-06	33.5	0.30	
BCGE-10-06	34.0	0.39	



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**2010 Drill Logs - Magnetic Susceptibility - Page #16**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-06	34.5	0.62	
BCGE-10-06	35.0	1.35	
BCGE-10-06	35.5	0.72	
BCGE-10-06	36.0	1.26	
BCGE-10-06	36.5	0.84	
BCGE-10-06	37.0	1.51	
BCGE-10-06	37.5	0.87	
BCGE-10-06	38.0	0.80	
BCGE-10-06	38.5	0.78	
BCGE-10-06	39.0	0.60	
BCGE-10-06	39.5	0.21	
BCGE-10-06	40.0	0.96	
BCGE-10-06	40.5	2.12	
BCGE-10-06	41.0	0.82	
BCGE-10-06	41.5	2.81	
BCGE-10-06	42.0	2.25	
BCGE-10-06	42.5	3.05	
BCGE-10-06	43.0	1.06	
BCGE-10-06	43.5	1.79	
BCGE-10-06	44.0	1.33	
BCGE-10-06	44.5	0.65	
BCGE-10-06	45.0	0.87	
BCGE-10-06	45.5	1.45	
BCGE-10-06	46.0	1.05	
BCGE-10-06	46.5	0.96	
BCGE-10-06	47.0	0.85	
BCGE-10-06	47.5	1.35	
BCGE-10-06	48.0	0.87	
BCGE-10-06	48.5	0.84	
BCGE-10-06	49.0	0.74	
BCGE-10-06	49.5	0.34	
BCGE-10-06	50.0	0.38	
BCGE-10-06	50.5	0.08	
BCGE-10-06	51.0	0.05	
BCGE-10-06	51.5	0.33	
BCGE-10-06	52.0	0.34	
BCGE-10-06	52.5	0.34	
BCGE-10-06	53.0	0.23	
BCGE-10-06	53.5	0.30	
BCGE-10-06	54.0	0.27	
BCGE-10-06	54.5	0.24	
BCGE-10-06	55.0	0.17	
BCGE-10-06	55.5	0.21	
BCGE-10-06	56.0	0.84	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-06	56.5	0.54	
BCGE-10-06	57.0	0.20	
BCGE-10-06	57.5	0.70	
BCGE-10-06	58.0	0.56	
BCGE-10-06	58.5	2.86	
BCGE-10-06	59.0	0.46	
BCGE-10-06	59.5	0.53	
BCGE-10-06	60.0	0.24	
BCGE-10-06	60.5	0.34	
BCGE-10-06	61.0	0.24	
BCGE-10-06	61.5	0.46	
BCGE-10-06	62.0	0.15	
BCGE-10-06	62.5	0.36	
BCGE-10-06	63.0	0.16	
BCGE-10-06	63.5	0.19	
BCGE-10-06	64.0	0.24	
BCGE-10-06	64.5	0.13	
BCGE-10-06	65.0	0.26	
BCGE-10-06	65.5	0.27	
BCGE-10-06	66.0	0.25	
BCGE-10-06	66.5	0.89	
BCGE-10-06	67.0	0.82	
BCGE-10-06	67.5	1.33	
BCGE-10-06	68.0	0.39	
BCGE-10-06	68.5	0.55	
BCGE-10-06	69.0	1.36	
BCGE-10-06	69.5	0.27	
BCGE-10-06	70.0	0.63	
BCGE-10-06	70.5	0.34	
BCGE-10-06	71.0	0.34	
BCGE-10-06	71.5	0.31	
BCGE-10-06	72.0	0.16	
BCGE-10-06	72.5	0.18	
BCGE-10-06	73.0	0.22	
BCGE-10-06	73.5	0.36	
BCGE-10-06	74.0	0.27	
BCGE-10-06	74.5	0.39	
BCGE-10-06	75.0	0.04	
BCGE-10-06	75.5	0.13	
BCGE-10-06	76.0	0.39	
BCGE-10-06	76.5	0.88	
BCGE-10-06	77.0	0.70	
BCGE-10-06	77.5	0.30	
BCGE-10-06	78.0	0.56	

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**2010 Drill Logs - Magnetic Susceptibility - Page #17**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-06	78.5	0.46	
BCGE-10-06	79.0	0.80	
BCGE-10-06	79.5	0.68	
BCGE-10-06	80.0	0.62	
BCGE-10-06	80.5	0.37	
BCGE-10-06	81.0	0.06	
BCGE-10-06	81.5	0.07	
BCGE-10-06	82.0	1.61	
BCGE-10-06	82.5	1.11	
BCGE-10-06	83.0	0.99	
BCGE-10-06	83.5	2.21	
BCGE-10-06	84.0	2.46	
BCGE-10-06	84.5	3.15	
BCGE-10-06	85.0	0.20	
BCGE-10-06	85.5	2.05	
BCGE-10-06	86.0	1.61	
BCGE-10-06	86.5	0.86	
BCGE-10-06	87.0	1.07	
BCGE-10-06	87.5	0.42	
BCGE-10-06	88.0	0.40	
BCGE-10-06	88.5	0.37	
BCGE-10-06	89.0	0.42	
BCGE-10-06	89.5	1.54	
BCGE-10-06	90.0	1.25	
BCGE-10-06	90.5	0.00	
BCGE-10-06	91.0	1.40	
BCGE-10-06	91.5	1.29	
BCGE-10-06	92.0	1.05	
BCGE-10-06	92.4	1.51	
BCGE-10-07	0.5	0.04	
BCGE-10-07	1.0	3.61	
BCGE-10-07	1.5	2.04	
BCGE-10-07	2.0	1.70	
BCGE-10-07	2.5	3.45	
BCGE-10-07	3.0	0.73	
BCGE-10-07	3.5	1.03	
BCGE-10-07	4.0	1.49	
BCGE-10-07	4.5	0.79	
BCGE-10-07	5.0	0.63	
BCGE-10-07	5.5	0.53	
BCGE-10-07	6.0	0.39	
BCGE-10-07	6.5	0.04	
BCGE-10-07	7.0	0.71	
BCGE-10-07	7.5	0.55	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-07	8.0	0.28	
BCGE-10-07	8.5	0.27	
BCGE-10-07	9.0	0.26	
BCGE-10-07	9.5	0.20	
BCGE-10-07	10.0	0.21	
BCGE-10-07	10.5	0.22	
BCGE-10-07	11.0	0.21	
BCGE-10-07	11.5	2.21	
BCGE-10-07	12.0	1.08	
BCGE-10-07	12.5	1.54	
BCGE-10-07	13.0	0.01	
BCGE-10-07	13.5	0.21	
BCGE-10-07	14.0	0.15	
BCGE-10-07	14.5	1.84	
BCGE-10-07	15.0	3.50	
BCGE-10-07	15.5	1.60	
BCGE-10-07	16.0	0.84	
BCGE-10-07	16.5	1.55	
BCGE-10-07	17.0	1.44	
BCGE-10-07	17.5	1.60	
BCGE-10-07	18.0	1.32	
BCGE-10-07	18.5	2.53	
BCGE-10-07	19.0	3.71	
BCGE-10-07	19.5	3.79	
BCGE-10-07	20.0	1.58	
BCGE-10-07	20.5	4.01	
BCGE-10-07	21.0	4.78	
BCGE-10-07	21.5	1.16	
BCGE-10-07	22.0	3.09	
BCGE-10-07	22.5	2.43	
BCGE-10-07	23.0	3.51	
BCGE-10-07	23.5	1.32	
BCGE-10-07	24.0	0.55	
BCGE-10-07	24.5	0.76	
BCGE-10-07	25.0	2.75	
BCGE-10-07	25.5	1.66	
BCGE-10-07	26.0	1.79	
BCGE-10-07	26.5	5.83	
BCGE-10-07	27.0	2.23	
BCGE-10-07	27.5	1.29	
BCGE-10-07	28.0	5.41	
BCGE-10-07	28.5	5.50	
BCGE-10-07	29.0	1.32	
BCGE-10-07	29.5	0.44	

**Appendix A-4**  
**2010 Drill Logs - Magnetic Susceptibility - Page #18**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-07	30.0	1.18	
BCGE-10-07	30.5	0.24	
BCGE-10-07	31.0	0.80	
BCGE-10-07	31.5	3.24	
BCGE-10-07	32.0	3.93	
BCGE-10-07	32.5	0.90	
BCGE-10-07	33.0	0.93	
BCGE-10-07	33.5	1.59	
BCGE-10-07	34.0	3.93	
BCGE-10-07	34.5	0.26	
BCGE-10-07	35.0	4.65	
BCGE-10-07	35.5	0.27	
BCGE-10-07	36.0	0.25	
BCGE-10-07	36.5	0.37	
BCGE-10-07	37.0	1.06	
BCGE-10-07	37.5	1.08	
BCGE-10-07	38.0	0.27	
BCGE-10-07	38.5	0.63	
BCGE-10-07	39.0	0.23	
BCGE-10-07	39.5	1.41	
BCGE-10-07	40.0	1.25	
BCGE-10-07	40.5	0.32	
BCGE-10-07	41.0	10.20	
BCGE-10-07	41.5	3.85	
BCGE-10-07	42.0	1.77	
BCGE-10-07	42.5	2.73	
BCGE-10-07	43.0	4.54	
BCGE-10-07	43.5	3.67	
BCGE-10-07	44.0	2.37	
BCGE-10-07	44.5	0.87	
BCGE-10-07	45.0	2.25	
BCGE-10-07	45.5	1.30	
BCGE-10-07	46.0	0.24	
BCGE-10-07	46.5	1.09	
BCGE-10-07	47.0	0.97	
BCGE-10-07	47.5	1.22	
BCGE-10-07	48.0	1.33	
BCGE-10-07	48.5	1.13	
BCGE-10-07	49.0	1.82	
BCGE-10-07	49.5	4.44	
BCGE-10-07	50.0	2.40	
BCGE-10-07	50.5	1.55	
BCGE-10-07	51.0	2.42	
BCGE-10-07	51.5	1.59	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-07	52.0	0.00	
BCGE-10-07	52.5	0.63	
BCGE-10-07	53.0	0.82	
BCGE-10-07	53.5	0.79	
BCGE-10-07	54.0	0.63	
BCGE-10-07	54.5	0.69	
BCGE-10-07	55.0	0.73	
BCGE-10-07	55.5	0.58	
BCGE-10-07	56.0	2.62	
BCGE-10-07	56.5	2.23	
BCGE-10-07	57.0	1.61	
BCGE-10-07	57.5	1.63	
BCGE-10-07	58.0	2.54	
BCGE-10-07	58.5	1.42	
BCGE-10-07	59.0	1.54	
BCGE-10-07	59.5	0.92	
BCGE-10-07	60.0	1.25	
BCGE-10-07	60.5	0.35	
BCGE-10-07	61.0	2.15	
BCGE-10-07	61.5	1.09	
BCGE-10-07	62.0	0.33	
BCGE-10-07	62.5	0.35	
BCGE-10-07	63.0	0.65	
BCGE-10-07	63.5	0.26	
BCGE-10-07	64.0	0.26	
BCGE-10-07	64.5	0.24	
BCGE-10-07	65.0	0.25	
BCGE-10-07	65.5	0.30	
BCGE-10-07	66.0	0.28	
BCGE-10-07	66.5	0.30	
BCGE-10-07	67.0	0.36	
BCGE-10-07	67.5	0.51	
BCGE-10-07	68.0	0.30	
BCGE-10-07	68.5	0.42	
BCGE-10-07	69.0	0.51	
BCGE-10-07	69.5	0.75	
BCGE-10-07	70.0	1.63	
BCGE-10-07	70.5	2.64	
BCGE-10-07	71.0	0.50	
BCGE-10-07	71.5	0.00	
BCGE-10-07	72.0	0.47	
BCGE-10-07	72.5	1.40	
BCGE-10-07	73.0	2.33	
BCGE-10-07	73.5	1.00	

**Appendix A-4**  
**2010 Drill Logs - Magnetic Susceptibility - Page #19**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-07	74.0	1.14	
BCGE-10-07	74.5	0.70	
BCGE-10-07	75.0	0.94	
BCGE-10-07	75.5	1.99	
BCGE-10-07	76.0	2.07	
BCGE-10-07	76.5	1.31	
BCGE-10-07	77.0	0.97	
BCGE-10-07	77.5	1.67	
BCGE-10-07	78.0	0.30	
BCGE-10-07	78.5	0.28	
BCGE-10-07	79.0	1.92	
BCGE-10-07	79.5	0.16	
BCGE-10-07	80.0	0.62	
BCGE-10-07	80.5	0.54	
BCGE-10-07	81.0	1.20	
BCGE-10-07	81.5	0.96	
BCGE-10-07	82.0	0.47	
BCGE-10-07	82.5	0.48	
BCGE-10-07	83.0	1.23	
BCGE-10-07	83.5	0.53	
BCGE-10-07	84.0	0.46	
BCGE-10-07	84.5	0.99	
BCGE-10-07	85.0	0.48	
BCGE-10-07	85.5	0.87	
BCGE-10-07	86.0	0.55	
BCGE-10-07	86.5	0.25	
BCGE-10-07	87.0	0.36	
BCGE-10-07	87.5	0.71	
BCGE-10-07	88.0	0.27	
BCGE-10-07	88.5	0.26	
BCGE-10-07	89.0	0.94	
BCGE-10-07	89.5	0.78	
BCGE-10-07	90.0	0.40	
BCGE-10-07	90.5	0.21	
BCGE-10-07	91.0	1.07	
BCGE-10-07	91.5	0.26	
BCGE-10-07	92.0	0.20	
BCGE-10-07	92.5	0.62	
BCGE-10-07	93.0	0.29	
BCGE-10-07	93.5	0.83	
BCGE-10-07	94.0	0.24	
BCGE-10-07	94.5	0.23	
BCGE-10-07	95.0	0.82	
BCGE-10-07	95.5	0.70	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-07	96.0	0.36	
BCGE-10-07	96.5	0.23	
BCGE-10-07	97.0	0.99	
BCGE-10-07	97.5	0.35	
BCGE-10-07	98.0	0.21	
BCGE-10-07	98.5	0.46	
BCGE-10-07	99.0	0.04	
BCGE-10-07	99.5	1.45	
BCGE-10-07	100.0	0.48	
BCGE-10-07	100.5	0.95	
BCGE-10-07	101.0	0.66	
BCGE-10-07	101.5	0.94	
BCGE-10-07	102.0	2.08	
BCGE-10-07	102.5	0.63	
BCGE-10-07	103.0	0.85	
BCGE-10-07	103.5	0.73	
BCGE-10-07	104.0	0.20	
BCGE-10-07	104.5	0.39	
BCGE-10-07	105.0	0.25	
BCGE-10-07	105.5	0.31	
BCGE-10-07	106.0	0.26	
BCGE-10-07	106.5	0.48	
BCGE-10-07	107.0	0.71	
BCGE-10-07	107.5	0.47	
BCGE-10-07	108.0	0.23	
BCGE-10-07	108.5	0.18	
BCGE-10-07	109.0	0.10	
BCGE-10-07	109.5	0.41	
BCGE-10-07	110.0	0.20	
BCGE-10-07	110.5	0.99	
BCGE-10-07	111.0	0.59	
BCGE-10-07	111.5	0.21	
BCGE-10-07	112.0	0.21	
BCGE-10-07	112.5	0.08	
BCGE-10-07	113.0	0.20	
BCGE-10-07	113.5	0.18	
BCGE-10-07	114.0	0.22	
BCGE-10-07	114.5	0.19	
BCGE-10-07	115.0	0.28	
BCGE-10-07	115.5	0.59	
BCGE-10-07	116.0	0.27	
BCGE-10-07	116.5	0.56	
BCGE-10-07	117.0	0.72	
BCGE-10-07	117.5	0.30	

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**2010 Drill Logs - Magnetic Susceptibility - Page #20**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-07	118.0	0.54	
BCGE-10-07	118.5	0.83	
BCGE-10-07	119.0	0.90	
BCGE-10-07	119.5	1.44	
BCGE-10-07	120.0	0.27	
BCGE-10-07	120.5	0.47	
BCGE-10-07	121.0	0.21	
BCGE-10-07	121.5	0.20	
BCGE-10-07	122.0	0.20	
BCGE-10-07	122.5	0.24	
BCGE-10-07	123.0	0.25	
BCGE-10-07	123.5	1.41	
BCGE-10-07	124.0	0.40	
BCGE-10-07	124.5	0.32	
BCGE-10-07	125.0	0.90	
BCGE-10-07	125.5	0.54	
BCGE-10-07	126.0	0.30	
BCGE-10-07	126.5	1.17	
BCGE-10-07	127.0	1.24	
BCGE-10-07	127.5	1.63	
BCGE-10-07	128.0	1.15	
BCGE-10-07	128.5	0.26	
BCGE-10-07	129.0	0.99	
BCGE-10-07	129.5	0.50	
BCGE-10-07	130.0	1.00	
BCGE-10-07	130.5	1.60	
BCGE-10-07	131.0	0.70	
BCGE-10-07	131.5	1.55	
BCGE-10-07	132.0	0.01	
BCGE-10-07	132.5	1.71	
BCGE-10-07	133.0	0.42	
BCGE-10-07	133.5	1.44	
BCGE-10-07	134.0	0.80	
BCGE-10-07	134.5	1.54	
BCGE-10-07	135.0	0.84	
BCGE-10-07	135.5	1.06	
BCGE-10-07	136.0	1.75	
BCGE-10-07	136.5	1.80	
BCGE-10-07	137.0	1.29	
BCGE-10-07	137.5	0.82	
BCGE-10-07	138.0	0.82	
BCGE-10-07	138.5	0.00	
BCGE-10-07	139.0	0.03	
BCGE-10-07	139.5	0.80	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-07	140.0	0.91	
BCGE-10-07	140.5	1.78	
BCGE-10-07	141.0	0.74	
BCGE-10-07	141.5	0.92	
BCGE-10-07	142.0	1.09	
BCGE-10-07	142.5	1.52	
BCGE-10-07	143.0	1.83	
BCGE-10-07	143.5	1.67	
BCGE-10-07	144.0	1.88	
BCGE-10-07	144.5	1.44	
BCGE-10-07	145.0	0.05	
BCGE-10-07	145.5	1.01	
BCGE-10-07	146.0	0.56	
BCGE-10-07	146.5	0.35	
BCGE-10-07	147.0	0.76	
BCGE-10-07	147.5	0.52	
BCGE-10-07	148.0	0.49	
BCGE-10-07	148.5	4.15	High in this dike!
BCGE-10-07	149.0	4.14	
BCGE-10-07	149.5	1.42	
BCGE-10-07	150.0	0.17	
BCGE-10-07	150.5	0.87	
BCGE-10-07	151.0	0.25	
BCGE-10-07	151.5	0.50	
BCGE-10-07	152.0	2.76	
BCGE-10-07	152.5	0.81	
BCGE-10-07	153.0	0.22	
BCGE-10-07	153.5	0.65	
BCGE-10-07	154.0	1.28	
BCGE-10-07	154.5	1.15	
BCGE-10-07	155.0	1.16	
BCGE-10-07	155.5	0.89	
BCGE-10-07	156.0	0.63	
BCGE-10-07	156.5	0.53	
BCGE-10-07	157.0	0.27	
BCGE-10-07	157.5	0.21	
BCGE-10-07	158.0	0.59	
BCGE-10-07	158.5	0.21	
BCGE-10-07	159.0	0.32	
BCGE-10-07	159.5	0.40	
BCGE-10-07	160.0	0.33	
BCGE-10-07	160.5	0.31	
BCGE-10-07	160.8	0.19	

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**2010 Drill Logs - Magnetic Susceptibility - Page #21**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-08	0.5	2.84	
BCGE-10-08	1.0	3.17	
BCGE-10-08	1.5	2.07	
BCGE-10-08	2.0	1.20	
BCGE-10-08	2.5	1.67	
BCGE-10-08	3.0	1.46	
BCGE-10-08	3.5	0.45	
BCGE-10-08	4.0	1.39	
BCGE-10-08	4.5	0.36	
BCGE-10-08	5.0	0.23	
BCGE-10-08	5.5	1.25	
BCGE-10-08	6.0	0.53	
BCGE-10-08	6.5	0.26	
BCGE-10-08	7.0	0.47	
BCGE-10-08	7.5	0.29	
BCGE-10-08	8.0	0.31	
BCGE-10-08	8.5	0.24	
BCGE-10-08	9.0	0.58	
BCGE-10-08	9.5	1.36	
BCGE-10-08	10.0	1.83	
BCGE-10-08	10.5	0.24	
BCGE-10-08	11.0	0.21	
BCGE-10-08	11.5	0.30	
BCGE-10-08	12.0	0.31	
BCGE-10-08	12.5	0.24	
BCGE-10-08	13.0	0.27	
BCGE-10-08	13.5	0.40	
BCGE-10-08	14.0	0.71	
BCGE-10-08	14.5	7.85	
BCGE-10-08	15.0	1.48	
BCGE-10-08	15.5	1.08	
BCGE-10-08	16.0	2.15	
BCGE-10-08	16.5	1.90	
BCGE-10-08	17.0	0.31	
BCGE-10-08	17.5	1.84	
BCGE-10-08	18.0	2.45	
BCGE-10-08	18.5	2.04	
BCGE-10-08	19.0	2.68	
BCGE-10-08	19.5	2.59	
BCGE-10-08	20.0	3.30	
BCGE-10-08	20.5	3.86	
BCGE-10-08	21.0	2.20	
BCGE-10-08	21.5	0.88	
BCGE-10-08	22.0	0.18	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-08	22.5	0.34	
BCGE-10-08	23.0	1.02	
BCGE-10-08	23.5	0.62	
BCGE-10-08	24.0	0.91	
BCGE-10-08	24.5	0.41	
BCGE-10-08	25.0	0.30	
BCGE-10-08	25.5	0.21	
BCGE-10-08	26.0	0.18	
BCGE-10-08	26.5	0.14	
BCGE-10-08	27.0	2.73	
BCGE-10-08	27.5	3.01	
BCGE-10-08	28.0	1.72	
BCGE-10-08	28.5	1.69	
BCGE-10-08	29.0	2.43	
BCGE-10-08	29.5	2.15	
BCGE-10-08	30.0	2.94	
BCGE-10-08	30.5	0.72	
BCGE-10-08	31.0	1.25	
BCGE-10-08	31.5	0.84	
BCGE-10-08	32.0	0.11	
BCGE-10-08	32.5	0.31	
BCGE-10-08	33.0	0.02	Low in vein
BCGE-10-08	33.5	0.13	
BCGE-10-08	34.0	0.46	
BCGE-10-08	34.5	0.74	
BCGE-10-08	35.0	1.46	
BCGE-10-08	35.5	0.77	
BCGE-10-08	36.0	1.70	
BCGE-10-09	0.5	2.28	
BCGE-10-09	1.0	0.24	
BCGE-10-09	1.5	3.50	
BCGE-10-09	2.0	2.17	
BCGE-10-09	2.5	2.32	
BCGE-10-09	3.0	1.06	
BCGE-10-09	3.5	1.35	
BCGE-10-09	4.0	0.44	
BCGE-10-09	4.5	0.55	
BCGE-10-09	5.0	0.54	
BCGE-10-09	5.5	1.72	
BCGE-10-09	6.0	1.17	
BCGE-10-09	6.5	0.84	
BCGE-10-09	7.0	0.25	
BCGE-10-09	7.5	0.56	
BCGE-10-09	8.0	0.60	

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**2010 Drill Logs - Magnetic Susceptibility - Page #22**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-09	8.5	0.35	
BCGE-10-09	9.0	0.23	
BCGE-10-09	9.5	0.20	
BCGE-10-09	10.0	0.19	
BCGE-10-09	10.5	0.20	
BCGE-10-09	11.0	0.29	
BCGE-10-09	11.5	0.25	
BCGE-10-09	12.0	0.43	
BCGE-10-09	12.5	0.23	
BCGE-10-09	13.0	0.28	
BCGE-10-09	13.5	0.27	
BCGE-10-09	14.0	0.00	
BCGE-10-09	14.5	0.20	
BCGE-10-09	15.0	0.23	
BCGE-10-09	15.5	0.26	
BCGE-10-09	16.0	0.41	
BCGE-10-09	16.5	0.34	
BCGE-10-09	17.0	1.80	
BCGE-10-09	17.5	1.13	
BCGE-10-09	18.0	1.62	
BCGE-10-09	18.5	1.16	
BCGE-10-09	19.0	1.30	
BCGE-10-09	19.5	0.85	
BCGE-10-09	20.0	0.68	
BCGE-10-09	20.5	0.62	
BCGE-10-09	21.0	0.18	
BCGE-10-09	21.5	0.36	
BCGE-10-09	22.0	0.32	
BCGE-10-09	22.5	0.35	
BCGE-10-09	23.0	0.20	
BCGE-10-09	23.5	0.45	
BCGE-10-09	24.0	0.53	
BCGE-10-09	24.5	0.40	
BCGE-10-09	25.0	0.20	
BCGE-10-09	25.5	0.19	
BCGE-10-09	26.0	0.21	
BCGE-10-09	26.5	0.57	
BCGE-10-09	27.0	0.22	
BCGE-10-09	27.5	0.16	
BCGE-10-09	28.0	0.28	
BCGE-10-09	28.5	0.16	
BCGE-10-09	29.0	0.19	
BCGE-10-09	29.5	0.17	
BCGE-10-09	30.0	0.57	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-09	30.5	0.95	
BCGE-10-09	31.0	0.32	
BCGE-10-09	31.5	1.53	
BCGE-10-09	32.0	1.06	
BCGE-10-09	32.5	0.67	
BCGE-10-09	33.0	0.84	
BCGE-10-09	33.5	0.28	
BCGE-10-09	34.0	1.34	
BCGE-10-09	34.5	0.55	
BCGE-10-09	35.0	0.67	
BCGE-10-09	35.5	1.56	
BCGE-10-09	36.0	1.05	
BCGE-10-09	36.5	0.47	
BCGE-10-09	37.0	1.25	
BCGE-10-09	37.5	1.93	
BCGE-10-09	38.0	0.42	
BCGE-10-09	38.5	0.27	
BCGE-10-09	39.0	0.41	
BCGE-10-09	39.5	0.29	
BCGE-10-09	40.0	0.21	
BCGE-10-09	40.5	0.83	
BCGE-10-09	41.0	0.15	
BCGE-10-09	41.5	0.23	
BCGE-10-09	42.0	0.16	
BCGE-10-09	42.5	0.28	
BCGE-10-09	43.0	0.49	
BCGE-10-09	43.5	0.01	
BCGE-10-09	44.0	0.14	
BCGE-10-09	44.5	1.72	
BCGE-10-09	45.0	0.20	
BCGE-10-09	45.5	0.83	
BCGE-10-09	46.0	0.56	
BCGE-10-09	46.5	0.77	
BCGE-10-09	47.0	0.26	
BCGE-10-09	47.5	0.44	
BCGE-10-09	48.0	0.25	
BCGE-10-09	48.5	0.16	
BCGE-10-09	49.0	0.26	
BCGE-10-09	49.5	0.16	
BCGE-10-09	50.0	0.45	
BCGE-10-09	50.5	0.97	
BCGE-10-09	51.0	0.43	
BCGE-10-09	51.5	1.01	
BCGE-10-09	52.0	0.42	

**Appendix A-4**  
**2010 Drill Logs - Magnetic Susceptibility - Page #23**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-09	52.5	0.87	
BCGE-10-09	53.0	0.58	
BCGE-10-09	53.5	0.27	
BCGE-10-09	54.0	0.38	
BCGE-10-09	54.5	0.27	
BCGE-10-09	55.0	0.39	
BCGE-10-09	55.5	0.98	
BCGE-10-09	56.0	1.05	
BCGE-10-09	56.5	1.24	
BCGE-10-09	57.0	1.26	
BCGE-10-09	57.5	0.39	
BCGE-10-09	58.0	0.60	
BCGE-10-09	58.5	0.65	
BCGE-10-09	59.0	0.88	
BCGE-10-09	59.5	0.36	
BCGE-10-09	60.0	1.22	
BCGE-10-09	60.5	0.00	
BCGE-10-09	61.0	0.54	
BCGE-10-09	61.5	0.90	
BCGE-10-09	62.0	0.53	
BCGE-10-09	62.5	0.94	
BCGE-10-09	63.0	1.97	
BCGE-10-09	63.5	1.54	
BCGE-10-09	64.0	0.65	
BCGE-10-09	64.5	0.38	
BCGE-10-09	65.0	0.83	
BCGE-10-09	65.5	1.29	
BCGE-10-09	66.0	0.87	
BCGE-10-09	66.5	0.10	
BCGE-10-09	67.0	0.26	
BCGE-10-09	67.5	0.15	
BCGE-10-09	68.0	0.21	
BCGE-10-09	68.5	0.15	
BCGE-10-09	69.0	0.25	
BCGE-10-09	69.5	0.05	Low in vein
BCGE-10-09	70.0	0.05	
BCGE-10-09	70.5	0.34	
BCGE-10-09	71.0	0.31	
BCGE-10-09	71.5	0.26	
BCGE-10-09	72.0	0.25	
BCGE-10-09	72.5	0.29	
BCGE-10-09	73.0	0.35	
BCGE-10-09	73.5	0.31	
BCGE-10-09	74.0	0.31	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-09	74.5	0.22	
BCGE-10-09	75.0	0.24	
BCGE-10-10	0.5	1.55	
BCGE-10-10	1.0	2.21	
BCGE-10-10	1.5	1.70	
BCGE-10-10	2.0	5.97	
BCGE-10-10	2.5	2.01	
BCGE-10-10	3.0	3.56	
BCGE-10-10	3.5	0.52	
BCGE-10-10	4.0	1.03	
BCGE-10-10	4.5	0.65	
BCGE-10-10	5.0	0.63	Low in dike
BCGE-10-10	5.5	0.24	Low in dike
BCGE-10-10	6.0	0.26	Low in dike
BCGE-10-10	6.5	0.27	Low in dike
BCGE-10-10	7.0	0.24	Low in dike
BCGE-10-10	7.5	0.25	Low in dike
BCGE-10-10	8.0	0.25	Low in dike
BCGE-10-10	8.5	1.59	
BCGE-10-10	9.0	2.14	
BCGE-10-10	9.5	1.80	
BCGE-10-10	10.0	0.94	
BCGE-10-10	10.5	0.32	Low in dike
BCGE-10-10	11.0	0.24	Low in dike
BCGE-10-10	11.5	0.28	Low in dike
BCGE-10-10	12.0	0.22	Low in dike
BCGE-10-10	12.5	0.24	Low in dike
BCGE-10-10	13.0	0.24	Low in dike
BCGE-10-10	13.5	0.21	Low in dike
BCGE-10-10	14.0	2.29	
BCGE-10-10	14.5	1.24	
BCGE-10-10	15.0	0.45	
BCGE-10-10	15.5	0.74	
BCGE-10-10	16.0	1.33	
BCGE-10-10	16.5	0.77	
BCGE-10-10	17.0	2.04	
BCGE-10-10	17.5	0.78	
BCGE-10-10	18.0	1.16	
BCGE-10-10	18.5	1.41	
BCGE-10-10	19.0	1.23	
BCGE-10-10	19.5	0.70	
BCGE-10-10	20.0	1.07	
BCGE-10-10	20.5	0.42	
BCGE-10-10	21.0	0.46	



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**2010 Drill Logs - Magnetic Susceptibility - Page #24**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-10	21.5	0.29	
BCGE-10-10	22.0	0.65	
BCGE-10-10	22.5	0.60	
BCGE-10-10	23.0	0.51	
BCGE-10-10	23.5	1.41	
BCGE-10-10	24.0	0.86	
BCGE-10-10	24.5	0.35	
BCGE-10-10	25.0	0.51	
BCGE-10-10	25.5	0.75	
BCGE-10-10	26.0	1.73	
BCGE-10-10	26.5	1.69	
BCGE-10-10	27.0	1.83	
BCGE-10-10	27.5	0.87	
BCGE-10-10	28.0	0.72	
BCGE-10-10	28.5	0.27	
BCGE-10-10	29.0	1.76	
BCGE-10-10	29.5	1.27	
BCGE-10-10	30.0	1.86	
BCGE-10-10	30.5	0.77	
BCGE-10-10	31.0	1.39	
BCGE-10-10	31.5	0.99	
BCGE-10-10	32.0	0.52	
BCGE-10-10	32.5	0.52	
BCGE-10-10	33.0	0.31	
BCGE-10-10	33.5	0.31	
BCGE-10-10	34.0	0.44	
BCGE-10-10	34.5	2.04	
BCGE-10-10	35.0	0.28	
BCGE-10-10	35.5	0.50	
BCGE-10-10	36.0	0.23	
BCGE-10-10	36.5	0.17	
BCGE-10-10	37.0	0.19	
BCGE-10-10	37.5	0.50	
BCGE-10-10	38.0	1.49	
BCGE-10-10	38.5	0.74	
BCGE-10-10	39.0	0.96	
BCGE-10-10	39.5	1.76	
BCGE-10-10	40.0	1.01	
BCGE-10-10	40.5	1.80	
BCGE-10-10	41.0	1.69	
BCGE-10-10	41.5	1.40	
BCGE-10-10	42.0	0.97	
BCGE-10-10	42.5	1.34	
BCGE-10-10	43.0	1.31	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-10	43.5	1.35	
BCGE-10-10	44.0	1.10	
BCGE-10-10	44.5	1.98	
BCGE-10-10	45.0	1.05	
BCGE-10-10	45.5	0.42	
BCGE-10-10	46.0	1.70	
BCGE-10-10	46.5	1.18	
BCGE-10-10	47.0	1.33	
BCGE-10-10	47.5	0.00	
BCGE-10-10	48.0	1.46	
BCGE-10-10	48.5	0.77	
BCGE-10-10	49.0	0.81	
BCGE-10-10	49.5	0.40	
BCGE-10-10	50.0	1.00	
BCGE-10-10	50.5	1.19	
BCGE-10-10	51.0	1.36	
BCGE-10-10	51.5	1.55	
BCGE-10-10	52.0	0.99	
BCGE-10-10	52.5	1.11	
BCGE-10-10	53.0	0.49	
BCGE-10-10	53.5	0.95	
BCGE-10-10	54.0	0.94	
BCGE-10-10	54.5	0.71	
BCGE-10-10	55.0	0.40	
BCGE-10-10	55.5	1.06	
BCGE-10-10	56.0	0.56	
BCGE-10-11	0.5	1.16	New battery
BCGE-10-11	1.0	1.72	
BCGE-10-11	1.5	0.64	
BCGE-10-11	2.0	1.97	
BCGE-10-11	2.5	1.41	
BCGE-10-11	3.0	0.71	
BCGE-10-11	3.5	1.20	
BCGE-10-11	4.0	0.24	
BCGE-10-11	4.5	0.23	
BCGE-10-11	5.0	0.46	
BCGE-10-11	5.5	2.41	
BCGE-10-11	6.0	1.52	
BCGE-10-11	6.5	0.36	Low in dike
BCGE-10-11	7.0	0.28	Low in dike
BCGE-10-11	7.5	0.24	Low in dike
BCGE-10-11	8.0	0.23	Low in dike
BCGE-10-11	8.5	0.23	Low in dike
BCGE-10-11	9.0	0.27	Low in dike

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**2010 Drill Logs - Magnetic Susceptibility - Page #25**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-11	9.5	0.28	Low in dike
BCGE-10-11	10.0	0.23	Low in dike
BCGE-10-11	10.5	0.20	Low in dike
BCGE-10-11	11.0	0.20	Low in dike
BCGE-10-11	11.5	0.20	Low in dike
BCGE-10-11	12.0	0.25	Low in dike
BCGE-10-11	12.5	0.32	Low in dike
BCGE-10-11	13.0	1.20	
BCGE-10-11	13.5	1.37	
BCGE-10-11	14.0	1.86	
BCGE-10-11	14.5	0.25	
BCGE-10-11	15.0	3.48	
BCGE-10-11	15.5	6.72	
BCGE-10-11	16.0	1.88	
BCGE-10-11	16.5	3.03	
BCGE-10-11	17.0	1.49	
BCGE-10-11	17.5	1.36	
BCGE-10-11	18.0	6.54	
BCGE-10-11	18.5	1.51	
BCGE-10-11	19.0	2.25	
BCGE-10-11	19.5	2.09	
BCGE-10-11	20.0	3.36	
BCGE-10-11	20.5	0.20	
BCGE-10-11	21.0	0.18	
BCGE-10-11	21.5	0.30	
BCGE-10-11	22.0	0.67	
BCGE-10-11	22.5	1.77	
BCGE-10-11	23.0	2.13	
BCGE-10-11	23.5	0.99	
BCGE-10-11	24.0	0.39	
BCGE-10-11	24.5	0.31	
BCGE-10-11	25.0	0.85	
BCGE-10-11	25.5	0.18	
BCGE-10-11	26.0	0.98	
BCGE-10-11	26.5	0.14	
BCGE-10-11	27.0	0.21	
BCGE-10-11	27.5	7.07	
BCGE-10-11	28.0	0.31	
BCGE-10-11	28.5	0.25	
BCGE-10-11	29.0	1.35	
BCGE-10-11	29.5	3.16	
BCGE-10-11	30.0	2.22	
BCGE-10-11	30.5	3.58	
BCGE-10-11	31.0	0.32	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-11	31.5	4.47	
BCGE-10-11	32.0	9.30	
BCGE-10-11	32.5	2.26	
BCGE-10-11	33.0	1.92	
BCGE-10-11	33.5	1.71	
BCGE-10-11	34.0	1.23	
BCGE-10-11	34.5	2.31	
BCGE-10-11	35.0	0.29	
BCGE-10-11	35.5	0.34	
BCGE-10-11	36.0	0.25	
BCGE-10-11	36.5	0.19	
BCGE-10-11	37.0	0.63	
BCGE-10-11	37.5	1.69	
BCGE-10-11	38.0	1.63	
BCGE-10-11	38.5	0.52	
BCGE-10-11	39.0	1.93	
BCGE-10-11	39.5	1.40	
BCGE-10-11	40.0	1.16	
BCGE-10-11	40.5	1.00	
BCGE-10-11	41.0	2.50	
BCGE-10-11	41.5	1.42	
BCGE-10-11	42.0	1.07	
BCGE-10-11	42.3	1.83	
BCGE-10-12	1.0	0.66	
BCGE-10-12	1.5	1.32	
BCGE-10-12	2.0	1.11	
BCGE-10-12	2.5	0.75	
BCGE-10-12	3.0	1.49	
BCGE-10-12	3.5	3.31	
BCGE-10-12	4.0	1.31	
BCGE-10-12	4.5	1.05	
BCGE-10-12	5.0	1.70	
BCGE-10-12	5.5	0.24	
BCGE-10-12	6.0	0.98	
BCGE-10-12	6.5	0.28	
BCGE-10-12	7.0	0.23	
BCGE-10-12	7.5	0.25	
BCGE-10-12	8.0	0.22	
BCGE-10-12	8.5	0.26	
BCGE-10-12	9.0	0.28	
BCGE-10-12	9.5	0.34	
BCGE-10-12	10.0	0.48	
BCGE-10-12	10.5	0.24	
BCGE-10-12	11.0	0.21	

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**2010 Drill Logs - Magnetic Susceptibility - Page #26**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-12	11.5	0.23	
BCGE-10-12	12.0	0.42	
BCGE-10-12	12.5	0.37	
BCGE-10-12	13.0	1.11	
BCGE-10-12	13.5	1.20	
BCGE-10-12	14.0	1.35	
BCGE-10-12	14.5	1.46	
BCGE-10-12	15.0	2.82	
BCGE-10-12	15.5	1.31	
BCGE-10-12	16.0	2.23	
BCGE-10-12	16.5	0.82	
BCGE-10-12	17.0	0.73	
BCGE-10-12	17.5	2.62	
BCGE-10-12	18.0	0.18	
BCGE-10-12	18.5	1.93	
BCGE-10-12	19.0	0.63	
BCGE-10-12	19.5	0.99	
BCGE-10-12	20.0	0.95	
BCGE-10-12	20.5	1.06	
BCGE-10-12	21.0	1.10	
BCGE-10-12	21.5	0.41	
BCGE-10-12	22.0	0.71	
BCGE-10-12	22.5	1.31	
BCGE-10-12	23.0	0.71	
BCGE-10-12	23.5	1.18	
BCGE-10-12	24.0	1.57	
BCGE-10-12	24.5	1.59	
BCGE-10-12	25.0	1.71	
BCGE-10-12	25.5	1.84	
BCGE-10-12	26.0	1.76	
BCGE-10-12	26.5	0.68	
BCGE-10-12	27.0	0.72	
BCGE-10-12	27.5	0.90	
BCGE-10-12	28.0	0.41	
BCGE-10-12	28.5	1.56	
BCGE-10-12	29.0	0.72	
BCGE-10-12	29.5	1.49	
BCGE-10-12	30.0	0.27	
BCGE-10-12	30.5	0.32	
BCGE-10-12	31.0	1.52	
BCGE-10-12	31.5	1.08	
BCGE-10-12	32.0	0.67	
BCGE-10-12	32.5	0.49	
BCGE-10-12	33.0	0.19	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-12	33.5	0.43	
BCGE-10-12	34.0	0.86	
BCGE-10-12	34.5	1.57	
BCGE-10-12	35.0	0.77	
BCGE-10-12	35.5	2.14	
BCGE-10-12	36.0	2.10	
BCGE-10-12	36.5	1.28	
BCGE-10-12	37.0	1.34	
BCGE-10-12	37.5	1.15	
BCGE-10-12	38.0	1.06	
BCGE-10-12	38.5	1.57	
BCGE-10-12	39.0	0.27	
BCGE-10-12	39.5	0.16	Low in vein
BCGE-10-12	40.0	0.27	Low in vein
BCGE-10-12	40.5	1.39	
BCGE-10-12	41.0	2.76	
BCGE-10-12	41.5	2.02	
BCGE-10-12	42.0	1.94	
BCGE-10-12	42.5	1.11	
BCGE-10-12	43.0	1.60	
BCGE-10-12	43.5	0.45	
BCGE-10-12	44.0	0.84	
BCGE-10-12	44.5	1.00	
BCGE-10-12	45.0	2.21	
BCGE-10-12	45.5	2.31	
BCGE-10-12	46.0	1.45	
BCGE-10-12	46.5	0.75	
BCGE-10-12	47.0	1.07	
BCGE-10-12	47.5	1.41	
BCGE-10-12	48.0	0.70	
BCGE-10-12	48.5	0.79	
BCGE-10-12	49.0	1.14	
BCGE-10-12	49.5	1.55	
BCGE-10-12	49.9	1.59	
BCGE-10-13	1.5	1.63	
BCGE-10-13	2.0	3.32	
BCGE-10-13	2.5	1.19	
BCGE-10-13	3.0	2.35	
BCGE-10-13	3.5	0.93	
BCGE-10-13	4.0	6.60	
BCGE-10-13	4.5	2.34	
BCGE-10-13	5.0	1.36	
BCGE-10-13	5.5	0.25	
BCGE-10-13	6.0	2.16	

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**2010 Drill Logs - Magnetic Susceptibility - Page #27**

Hole_ID	Depth	MagSusc	Notes
BCGE-10-13	6.5	1.04	
BCGE-10-13	7.0	0.78	
BCGE-10-13	7.5	0.29	Low in dike
BCGE-10-13	8.0	0.24	
BCGE-10-13	8.5	0.32	
BCGE-10-13	9.0	0.23	
BCGE-10-13	9.5	0.25	
BCGE-10-13	10.0	0.37	
BCGE-10-13	10.5	0.33	
BCGE-10-13	11.0	0.30	
BCGE-10-13	11.5	0.37	
BCGE-10-13	12.0	0.26	
BCGE-10-13	12.5	0.22	
BCGE-10-13	13.0	0.17	
BCGE-10-13	13.5	0.08	
BCGE-10-13	14.0	0.44	
BCGE-10-13	14.5	0.67	
BCGE-10-13	15.0	0.51	
BCGE-10-13	15.5	0.74	
BCGE-10-13	16.0	2.85	
BCGE-10-13	16.5	2.57	
BCGE-10-13	17.0	1.72	
BCGE-10-13	17.5	1.57	
BCGE-10-13	18.0	1.73	
BCGE-10-13	18.5	0.93	
BCGE-10-13	19.0	0.44	
BCGE-10-13	19.5	0.30	
BCGE-10-13	20.0	0.25	
BCGE-10-13	20.5	0.49	
BCGE-10-13	21.0	0.86	
BCGE-10-13	21.5	0.48	
BCGE-10-13	22.0	0.34	
BCGE-10-13	22.5	0.97	
BCGE-10-13	23.0	0.39	
BCGE-10-13	23.5	0.45	
BCGE-10-13	24.0	0.59	
BCGE-10-13	24.5	0.19	
BCGE-10-13	25.0	0.26	
BCGE-10-13	25.5	0.81	
BCGE-10-13	26.0	0.26	
BCGE-10-13	26.5	0.18	
BCGE-10-13	27.0	0.19	
BCGE-10-13	27.5	0.34	
BCGE-10-13	28.0	0.33	

Hole_ID	Depth	MagSusc	Notes
BCGE-10-13	28.5	0.28	
BCGE-10-13	29.0	0.23	
BCGE-10-13	29.5	0.39	
BCGE-10-13	30.0	0.29	
BCGE-10-13	30.5	0.47	
BCGE-10-13	31.0	0.00	
BCGE-10-13	31.5	0.00	
BCGE-10-13	32.0	0.30	
BCGE-10-13	32.5	0.30	
BCGE-10-13	33.0	0.55	
BCGE-10-13	33.5	0.41	
BCGE-10-13	34.0	0.46	
BCGE-10-13	34.5	1.72	
BCGE-10-13	35.0	0.34	
BCGE-10-13	35.5	0.06	
BCGE-10-13	36.0	1.46	
BCGE-10-13	36.5	0.60	
BCGE-10-13	37.0	0.79	
BCGE-10-13	37.5	0.19	
BCGE-10-13	38.0	0.15	
BCGE-10-13	38.5	0.22	
BCGE-10-13	39.0	0.19	
BCGE-10-13	39.5	0.00	
BCGE-10-13	40.0	0.20	
BCGE-10-13	40.5	0.24	
BCGE-10-13	41.0	0.36	
BCGE-10-13	41.5	0.28	
BCGE-10-13	42.0	0.30	
BCGE-10-13	42.5	0.68	
BCGE-10-13	43.0	0.75	
BCGE-10-13	43.5	0.93	
BCGE-10-13	44.0	0.57	
BCGE-10-13	44.5	0.19	
BCGE-10-13	45.0	0.29	
BCGE-10-13	45.5	0.32	
BCGE-10-13	46.0	0.46	
BCGE-10-13	46.5	0.28	
BCGE-10-13	47.0	0.33	
BCGE-10-13	47.5	1.06	
BCGE-10-13	48.0	0.18	
BCGE-10-13	48.5	1.26	
BCGE-10-13	49.0	0.53	
BCGE-10-13	49.5	0.87	
BCGE-10-13	50.0	1.05	



**Appendix-A-5**  
**2010 Drill Logs - Lithology - Page #1**

Hole_ID	From	To	Width	LithoCode	HW_Dip	FW_Dip	Description
BCGE-10-01	0.00	9.85	9.85	S1a		72	Arg, blk, w thin beige gw beds (10-15%x1-5mm), occ with graded bedding, occ highly folded, but mostly not folded (50-75 deg) lat bedding. Clots and swirls (5%x2-30mm thick) of chl and carb usu have msv po clots in the center, and thin (1-2mm) margins of ser altn
BCGE-10-01	9.85	13.40	3.55	l4	72		Dike, med-drk gry, w lt gry packed fld (60%x2-5mm) in drk gry, aph, mtrx. Margins (40-50cm) at top and bottom have reduced fld and are drker. Non-magnetic po 1-2% is in roundish clots (2-3mm), and v fgr diss thru
BCGE-10-01	13.40	16.30	2.90	S1a			Arg, blk, mostly msv, w v occ thin beige gw beds (1%x1-5mm, 50-90 deg), and occ (4x2cm wide) swirly clots of carb usu w some ass massive po clots along their margins, and occ thin (1-2mm) margins of ser altn
BCGE-10-01	16.30	16.45	0.15	CS	62	62	Calc-silicate beds, 12x0.5-2cm carb/chl, clearly compositionally bnd'd // fl, and re-xtalized
BCGE-10-01	16.45	43.30	26.85	S1a	62		Arg, blk, mostly msv (esp 29-43m), w occ vague, thin beige beds (1%x1-5mm, 45-55 deg), occ (2%x2cm wide) swirly clots of carb usu w some ass massive po clots, and occ low < shr'd and disrupted sections (10%x10-60cm) poss Sed dikes (?) w wk chl and str carb in small discontinuous fr's
BCGE-10-01	43.30	48.30	5.00	l1	50	55	Dike, wht, euhedral to anhedral fld (3-5%x1x3mm) specks, some twinned and very bright in top 1/3 grading to altered (resorbed?) vague white rounded with black centers (often py) in a fgr grey mtrx. Top and bottom CT's have 20cm vitreous chills and possible remnant flow texture esp at top CT where emphasized by stretched or linear chl clots. Arg is unaltered by dike!
BCGE-10-01	48.30	61.30	13.00	S1b	55	85	Gw, slt grnsh beige to grey, poorly bedded, fgr thru, with occ small arg beds (48.3-49.1, 51.2-51.6, 53.25-53.7, 57.0-57.1) that have grad ct's (tops uphole?), occ clasts .5-2 cm of black arg in top 2m, and occ 5cm sections of tiny pebbles (56.7, 61.2), shrp bot ct. Msv, homo, equi 52.1-61
BCGE-10-01	61.30	132.70	71.40	S1a	85	50	Arg, blk, mostly msv, w v occ thin beige gw beds (1%x1-5mm, usu 60 deg), and occ (4x2cm wide) swirly clots of carb absent, top 1m has 50% rounded gw "clasts", occ massive po clots 2-3%x3-(25mm) (roundish - after marcasite nodules?), and occ 1mm thin individual lams of po along bedding, often stretched +/- micro folded +/-offset, and very occ 3-15cm calc-silicate beds (some with v well defined comp. banding, 67.3, 70.2, 73.4, 77.0, 78.2, 79.2, 84.5, 85.3, 89.8, 92.0) and consistent bedding <'s where visible @ 48-56deg Below 99.3 very little comp bnded-bedding // clac-silicate. At 99.3-102.3 10%x2-5mm wide be 5-15cm long "wormy " "calcedonic" calc-silicate w po, emphasizes bedding. At 118-132.7 calc-silicate 5%, all as wormy type
BCGE-10-01	132.70	139.40	6.70	S1b	50	18	Gw, lt beige to olive grn, fgr, w some arg (132.7-133.7 contorted mixture, 133.7-135 interbedded on 2cm scale, and 136.3-136.9, 137.4-137.9 vgr verging on arg). At bototm of last, is a sudden ct w 40cm of rounded, mtrx supported arg clasts (10%x2mm-20mm), indicating tops downhole
BCGE-10-01	139.40	152.30	12.90	S1a	18	60	Arg, 50% massive and blk, or v wk bedded the rest contorted by early shr'ing (?) and mixed w clasts(?) or small sections of gw and swirly clots of "calc-silicate" w minor pale gren specks, and 2-3%x2mm clots of po. Top and bottom ct's are grad
BCGE-10-01	152.30	161.00	8.70	S1	60	90	Mixed zone, mostly lt beige to olive grn, fgr gw, w some arg beds 10-20cm (153.65, 155.9, 156.2, 156.8, 157.8), 32.7-133.7 mostly w sharp ct's gw/arg (ie tops uphole). At 155-155.9 is polymictic pebble conglomerate, w rounded, mtrx supported clasts mostly 2-5mm, but also 30%x3-15cm rounded to mud chip shaped arg cobbles, and 5x2cm arg at 158-158.5. At 155.9-156.15 is a carb bed
BCGE-10-01	161.00	163.25	2.25	S1a	90	52	Arg, blk, mostly msv, w occ vague, thin beige beds in middle (80deg), with bot 25cm of fgr gw, nvs but magnetic so poss tr po
BCGE-10-01	163.25	164.00	0.75	l4	52	75	Dike w wht euh-subhedral fld phenos (7%x1mm and 1x3mm lathes) sometimes glomerophosphoric (+/- twinned), in lt gry, aph, mtrx. No chill margins, and no alt'n of surrounding sed. Trace tiny 1-2mm chl clots (after mafics?), nvs
BCGE-10-01	164.00	172.10	8.10	S1b	75	72	Gw mostly lt beige to olive grn, fgr, w four arg beds (164.9-165.3, 166-166.3, 167.8-168.1, 168.4-168.6, ) w sharp top ct's (ie tops uphole). At 164, 167.8, 168.4, 170, 171, and 173.1-172.1 are 10-20 cm polymictic pebble conglomerate beds (at base of gw sequences), w rounded, mtrx supported clasts mostly 2-4mm, and occ 3-3cm rounded arg pebbles, and in the bot section (10%x2mm-20mm, occ 6cm), and 3% diss po v v fgr in the fgr sections, tr carb frags 45 and 60deg
BCGE-10-01	172.10	173.80	1.70	S1a	72	74	Arg blk arg, mostly msv, w occ v vague, thin beige beds in middle (73deg),and a grad bot ct, nvs but slt mg so poss tr po, and occ 1mm carb fr @ 45deg

**Appendix-A-5**  
**2010 Drill Logs - Lithology - Page #2**

Hole_ID	From	To	Width	LithoCode	HW_Dip	FW_Dip	Description
BCGE-10-01	173.80	177.90	4.10	S1b	74	60	Gw, mostly med grnish beige, lighter between veins, fgr and homo overall (<1% clasts >1mm), 5-7% py (not po) diss evenly thru, w bot ct coinciding w bot of str veins, and consistent bedding (60deg) thru that is conformable w vns
BCGE-10-01	177.90	183.30	5.40	S1	60	23	Mixed zone, of 60% blk arg, swirly and contorted (soft sed def - sed dike?), as "mtrx", and along "shrs" (usu ~25deg), forming domains btwn v angular chl/carb altd arg/gw clasts(40%x usu 2-10cm), still occ preserving some relict bedding textures, and nr top rounded. Po is coarser clots and swirls (0.2-0.7cm) ass w clasts, grad bot ct
BCGE-10-01	183.30	188.94	5.64	S1b		45	Gw mostly drk gry and olive grn, fgr, w no arg beds extremely equi, homo and msv, w poss beds at 45deg but mostly obscured at the top by small "shr" zones of the above unit, and 2%x hairline carb fr at all <'s in the remainder
BCGE-10-02	0.00	9.45	9.45	S1a	60	25	Arg, blk, w vague thin beige gw beds (5-7%x1-5mm), v occ with graded bedding (60-70 deg) but lower to 25deg near bot where poss transferred by wk shring? Wormy clots and swirls (5%x2-30mm thick) of chl carb usu have some massive po clots in the center, and thin (1-2mm) margins of ser altn, and are at all <'s esp bedding T and //
BCGE-10-02	9.45	12.20	2.75	I4	60	45	Dike, med-drk gry, w v lt gry packed subhedral fld (60%x2-5mm) w white rims in drk gry, aph, mtrx. No chill or altn at sharp ct pos bed //, slit fgr chill (4cm) at bot ct w mod ser altn of arg for 8cm. Non-magnetic po? 1-2% is in roundish clots (2-3mm) w carb rims, and v fgr diss thru
BCGE-10-02	12.20	39.60	27.40	S1a			Arg, blk, mostly msv or contorted by wk early shr, v occ thin beige gw beds (<1%x1-5mm, 78-50 deg) only in top 5m, and occ (usu 2-4mm up to 2cm thick) wormy to swirly clots of carb usu w some ass massive po clots and along their margins var (1-25mm) margins of purp brn ser (esp 12.2-14.5, 18.4-26, 34.9-35.6) ass w poss early shr ing
BCGE-10-02	39.60	44.50	4.90	I4	25	60	Dike, anhedral (5%x2-3mm) and occ euhedral lathes (trx.2-5mm) blk hb? in m gry aphanitic mtrix in middle 2.5m, grading to fgr toward edges w some anhedral light grey fld toward top and bot ct's, grading into ~10cm of flow bnd'd // to top and bot ct's, w 2-3%x .5x2mm white to orange fld lathes, grading into ~10cm chills with the same fld in a vvfgr vitreous mtrx. Top ct has 2cm "flow bx" just 3cm below ct. and bot ct has 1cm creamy chill. Arg is unaltered by dike along top ct and ser altered at bot!
BCGE-10-02	44.50	48.70	4.20	S1a	60	70	Arg, blk, msv, no vague, thin beige beds, and no swirly clots of CS. Top 20cm is mod ser altd against dike and surrounding a carb frac and wkly below around small discontuous fr's
BCGE-10-02	48.70	60.90	12.20	S1b	50	55	Gw, grnish beige w 5% mtrx carb, and nvs, mostly msv, fgr thru, with occ small 20-50cm blk arg beds (51, 52.2, 53, 55.3, 57.648.3-49.1, 51.2-51.6, 53.25-53.7, 57.0-57.1) that have grad ct's each w its own "oolitic" CS bed 1-5cm in the middle. No obv graded bedding. Occ round clasts usu 1-3 cm of black arg at 51.4, 54.1, 55.8, 59.4) floating in mtrix, often in arg. with no int fraction.
BCGE-10-02	60.90	67.80	6.90	S1a	55	65	Arg, blk, mostly msv, w v occ thin beige beds (<1%x1-5mm, all <'s), 2 or 3 x carb bnds (1-2cm), and @ 65-65.5 7%x2-3cm polymictic rounded pebbles thrown in, with no intermediate size fraction. Po is in tiny wisps and ptgymatically folded thin lams occ
BCGE-10-02	67.80	68.40	0.60	CS	65	38	Calc-Silicate, lt gry, fgr marble, mostly massive, w sharp bedding // top and bot cts
BCGE-10-02	68.40	110.40	42.00	S1a	38	15	Arg, blk, w (5%x1-5mm) thin purplish beige lams, occ <1%x1-2cm CS bands (some w purplish beige altd margins), and fine wispy po lams, defining a fairly consistent bedding at top (68.4-94.5m), ex msv, blk, homo, equi, in middle (94.5-100.4) depth, and wkly (soft-sed?) shr'd and disrupted (transposed bedding?) w thin purplish ser lams vis in remainer (100.4-110.4) Nr the bot 106-106.5 are 3-4x10-20cm gw beds with graded bedding ind tops downhole
BCGE-10-02	110.40	111.00	0.60	S1b	15	12	Gw, lt beige, fgr, no internal bedding, a few carb filled fr's w chl rims T top and bot ct's
BCGE-10-02	111.00	113.20	2.20	S1a	12	15	Arg, f-mgr, wk lam'd in top 0.7m, msv, blk, below, w wk shr in bot 30cm, nvs
BCGE-10-02	113.20	115.35	2.15	S1b	15	30	Gw, lt beige, fgr, no internal bedding, 1x0.2-0.5cm blk chl filled fr, // core for most of interval, w hairline carb filled fr's leading out from it. Both top and bot ct's are prob early shrs. nvs
BCGE-10-02	115.35	140.50	25.15	S1	90	52	Mixed arg(60%) and gw(40%) on 1-30cm scale. Mostly well bedded to laminated thru w consistent bedding <'s (60deg), only occ soft sed def shr'ng (115.35-116, 130.5-131.3, 134-134.4, 139.3-140.2) and cgr po clots in these, w distorted carb sausages otherwise po is fgr in tiny occ carb worms // and T to bedding. Occ pebbles randomly in the gw are mostly rip up clsts of arg.
BCGE-10-02	140.50	141.20	0.70	I4		25	Dike w wht euh (to subhedral) fld phenos (7-10%x1mm and 1x3mm lathes) sometimes glomerophosphoritic (+/- twinned), in lt gry, aph, vitreous, mtrx. No chill margins, and no alt'n of surrounding sed. Fractured thru (every 3-4cm) w minor carb on fr's, nvs, and ex irregular top and bottom ct Very fresh overall!

**Appendix-A-5**  
**2010 Drill Logs - Lithology - Page #3**

Hole_ID	From	To	Width	LithoCode	HW_Dip	FW_Dip	Description
BCGE-10-02	141.20	142.70	1.50	S1b	25	45	Gw, mostly lt beige, w an arg bed at the top 20-30cm, no bedding vis, quite homo, equi, msvnd 173.1-172.1 are 10-20 cm polymictic pebble conglomerate beds (at base of gw sequences), w rounded, mtrx supported clasts mostly 2-4mm, and occ 3-3cm rounded arg pebbles, and in the bot section (10%x2mm-20mm, occ 6cm), and 3% diss po v v fgr in the fgr sections, tr carb frags 45 and 60deg
BCGE-10-02	142.70	151.40	8.70	S1	72	74	Mixed zone, of 70% blk arg, well bedded thru w 30% gw, at 145.9-146.7 a 0.5cm chl/blk w po shr @0deg has been followed by a tiny carb/clay filled fr.
BCGE-10-02	151.40	158.05	6.65	S1b	25	45	Gw, mostly lt beige, w an arg bed at the top 20-30cm, no bedding vis, quite homo, equi, msv (no bedding), w 1%hairline micro fr's w carb, and py specks (0.5mm) v evenly diss thru. Broke Through to Stope at 158.05m and open for another 2.05m
BCGE-10-03	0.00	8.50	8.50	S1a	65	40	Arg, blk, w vague thin beige gw beds (2-3%x1-5mm), wormy clots (2-3% x usu 1-2mm thick) and swirls (1-2% x 1-2cm thick) of chl carb usu have some massive po clots in the center, and thin (1-2mm) margins of ser altn, and are at all <'s esp bedding T and //
BCGE-10-03	8.50	11.80	3.30	I4	60	45	Dike, med-drk gry, w v lt gry packed euhedral and anhedral fld (60%x2-5mm) some w white rims (0.5mm) in drk gry, aph, mtrx. No chill and only slt chl (2-3mm) altn at v sharp, but irreg, top ct. Poss zoned w flow bnd (?), finer chill at bot (40cm) on irreg but sharp ct (again tr chl), w str ser altn of dike below a fr at 11.5. Non-magnetic po(?) 1-2% is in roundish clots (2-3mm) w carb rims, and v fgr diss thru, occ carb-py fr 30 and 40 deg
BCGE-10-03	11.80	39.00	27.20	S1a			Arg, blk, but variable. At 11.8-19 often contorted by wk early shrs (15.5-15.7, 17.85-19.0) w some clastic soft sed def? tex, and occ typical wormy to swirly clots of carb usu w some ass massive po clots, etc and sections of carb fr's and ser altn. At 19-26.5 v msv, and homo, w no bedding, only one big carb worm, and no shrs. Below 26m the rock is slightly coarser grained, again v msv and homo (only one shr @ 28.3-28.7, and the odd "floating" 1-2cm pebble(35-39m), verging on gw, and has a slight purplish brown color that increases toward the bottom ct w the next dike - ie. what the minors called "burnt" looking
BCGE-10-03	39.00	43.00	4.00	I4	60	40	Dike, gry, fgr (<1mm) w/ 5%(?) euhedral fld lathes m gry vfgr mtrx w po dots (5%x1-2mm) w whitish reaction rims 2-5mm in middle 2.5m, grading to occ wht cly altered fld lathes (snowflakes) in gry aphanitic, vitreous mtrx at top 0.5m, and grading into ~40cm of flow bnd'd (?) w chl/py lines in bot 0.5m. Bot ct has 3-5cm of creamy chill, and both ct's have 3-5cm of carb frags // cts w in the dike. Arg/gw is hornfelsesd by dike at sharp top ct, and ser altered at bot!
BCGE-10-03	43.00	48.80	5.80	S1a	40	55	Arg, blk, msv, no vague, thin beige beds, and no swirly clots of CS. Top 20cm is mod ser altd against dike and surrounding a carb frac and wkly below around small discontinuous fr's
BCGE-10-03	48.80	58.30	9.50	S1b	50	55	Gw, patches of grnish and beige w var up to 5% mtrx carb, and nvs, mostly msv, equi, homo (only v rare CS beds 9x1cm), and fgr thru
BCGE-10-03	58.30	62.30	4.00	S1			Mixed interbedded arg/gw 10-40cm scale blk, bedding <'s var, graded bedding indicates tops uphole, and swirls (1-2% x 0.5-5cm thick) of chl/carb (tiny 0.5mm rims w chl central, and often w some tr py clots in the center
BCGE-10-03	62.30	80.20	17.90	S1a	40	60	Arg, blk, very homo (non-disrupted by soft sed def), w (2-3%x1-5mm) vague, thin purplish beige lams at fairly consistent <'s, w occ (7x1-5cm) CS bands (some w purplish beige altd margins), and occ fine wispy po lams // bed, and extention gashes T bed, a few floating pebbles (0.5-1.5cm) @ 62-64m
BCGE-10-03	80.20	80.40	0.20	CS	60	60	Calc silicate w comp bnding (0.5-15mm), carb, purplish, chl, and tr py
BCGE-10-03	80.40	101.00	20.60	S1a	50	18	Arg, 30% msv, blk, or v wk bedded/lam'd, the rest (almost continuously below 93m) contorted by early soft sed shr'ing (?) at usu low core <'s and mixed w clasts that often have chl rims(?) or small sections of gw and swirly clots of "calc-silicate" and 2-3%x2-5mm clots of po. Top and bottom ct's are grad
BCGE-10-03	101.00	104.00	3.00	S1b	50	25	Gw, med gry, fgr verging on arg, but quite homo, equi, and quite well bedded, w grad top and bot cts, and carb/chl worms and swirls (as usu) w the occ clot of po
BCGE-10-03	104.00	128.85	24.85	S1			Mixed interbanded, and interlaminated arg/gw 1mm-15cm scale blk arg, and med gry gw bedding and banding <'s var (down to 0 deg), and larger swirls (10-15% x 2-15cm thick) of chl/carb w tr po clots in the center At 112-112.5m are lenticular mud chips (40%x0.3-1cmx2-5?cm) suspended in gw



**Appendix-A-5**  
**2010 Drill Logs - Lithology - Page #4**

Hole_ID	From	To	Width	LithoCode	HW_Dip	FW_Dip	Description
BCGE-10-03	128.85	129.35	0.50	I4	60	58	Dike w wht euh-subhedral fld phenos (7%x1mm and 1x3mm lathes) sometimes glomeroporphyritic (+/- twinned), in lt gry, v fgr (tr tiny mafics) mtrx. Slit drker fgr mtrx w no mafics near (5cm) margins, wk altn of surrounding sed to slit purp/brn color for 20-30cm. Trace tiny 1-2mm chl clots (after mafics?), nvs, irreg top ct roughly 60, T bedding in arg/gw, and sharp straight bot ct // beds, w sharp straight joints every 10cm @45 (// to top ct, 90 to bot ct) with carb on them
BCGE-10-03	129.35	131.20	1.85	S1a	58	50	Arg, blk, quite homo (w 5%x1-2cm gw bands, but no carb worms or swirls), consistent bedding (non-disrupted by soft sed def), w nvs
BCGE-10-03	131.20	132.00	0.80	S1b	50	50	Gw, lt beige gry, fgr, homo, equi, and msv (no bedding), w 1-2% diss po thru, and 1-2%x hair-3mm chl>carb+/- po frags usu w low <s
BCGE-10-03	132.00	138.00	6.00	S1a	50	50	Arg, blk, quite homo (w 15%x0.5-10cm gw bands, but almost no carb worms or swirls), consistent bedding (non-disrupted by soft sed def), w 1-3%diss po on the arg
BCGE-10-03	138.00	140.50	2.50	S1b	50	50	Gw, lt gry, fgr, homo, equi msv, w tr diss po nr bot, and 5% (?) mtrx carb thru
BCGE-10-03	140.50	141.60	1.10	S1a	50	50	Arg, blk, quite homo (w 2-3x0.5-1cm gw bands, and only 1x10cm carb wormy swirl in middle), consistent bedding (non-disrupted by soft sed def), w 2-3% (?) v fgr diss po thru
BCGE-10-03	141.60	149.50	7.90	S1b	50	30	Gw mostly lt gry or occ beige, never olive, fgr, v homo, equi, msv w 5-15% (?) mtrx carb, and @ 145.3-149.2 drk gry, angular frags, (5%x1-15mm) filled w drk gry cgr carb (recrystallized?). Darker arg beds (usu ~10cm at 142.3, 142.5, 143.1, 143.7, 144.4, 145-145.3, and 145.6-146.2) all have diss cgr py (5%x1mm) recrystallized (?). Some arg beds have 1x1cm carb lam near (usu ~5cm below) their upper ct, +/- muds chips in the gw (usu 5cm above the ct).
BCGE-10-03	149.50	150.55	1.05	S1a	30	40	Arg, blk, but variable, contorted by early blk shrs 30deg, w clastic soft sed def? tex, clasts up to 3cm, and often chl altd, occ small clots carb and tr diss po and py
BCGE-10-03	150.55	151.30	0.75	I4	40	55	Dike, m olive brnsh-grn overall, v fgr in middle 30cm w no phenos, and at top and bot 30cm 5%0.5-2mm anhedral mafic phenos w chl +/-carb/po replacement, and occ tr anhedral fld phenos, and 6%X<0.5mm py cubes diss
BCGE-10-03	151.30	162.90	11.60	S1a	50	18	Arg, 30% msv, blk, or v wk bedded/lam'd, the rest is drk gry, often verging on gw, and (esp below 160.2m bx'd w carb +/-chl clts abundant) and fr'd by early soft sed def, and small offsets on most lams. Hairline carb ff's are tr thru, but swirly and wormy clots of "calc-silicate" are absent. Traces of po are non-mag nr the top, becoming magnetic w depth
BCGE-10-04	0.00	25.10	25.10	S1a	60	40	Arg, blk (esp 10.3-17.0 where esp homo, equi, msv), w v rare vague thin beige lams (trx1-3mm), 60->40 deg. Above and below this abundant wormy clots (5-7%x2-4mm thick) // and T bedding, and swirls (5%xusu 1-2cm thick) usu sub-// bedding of carb>chl usu w msv po clots in the center, and thin (1-2mm) margins of ser altn, one esp larger one of the latter @ 9.6-10.2. At 21.3-25.1 variable soft sed def/shr'ing has bx, transposed bedding. Grad bot ct, tr carb on most fr's
BCGE-10-04	25.10	29.70	4.60	S1b	60	45	Gw, top half mostly med gry, fgr, w no arg beds, equi, homo and msv. Bot half has soft sed bx'n of gw into slit angular frags 3-7cm w in 10% blk shr'd (low <) mtrx of arg. Top half also has 5% (?) mtrx carb, and tiny carb>chl (3%x0.5-2mm) filled fr's at all <s
BCGE-10-04	29.70	35.30	5.60	S1a	45	60	Arg, blk, quite homo, equi, mostly msv, w vague thin beige lams (1-2%x1-3mm), 45->60 deg, minor wormy clots (2-3%x2-4mm thick) // and T bedding, and more swirls (5-7%xusu 1-2cm thick) usu sub-// bedding of carb>chl usu w occ tr po clot in the center, one larger lam'd to bnd'd limey bed @ 33.6-34.0, and 1-2%x.5-2cm pebbles "dropped in" here and there in the bot half
BCGE-10-04	35.30	42.00	6.70	S1b			Gw, patchy grnsh beige and drk gry (20cm scale), fgr overall, w finer "beds" verging on arg (drk gry), and lighter greenish "beds" have mtrx carb, and carb hair fr's but overall the unit is mostly msv, with no bedding, lams, or graded bedding. Occ round clasts usu 1-3 cm of black arg in the fgr sections floating in matrix, often in arg w no int fraction. V. occ carb worms and 5x1cm, and 2x8cm carb/chl swirls but tr only po
BCGE-10-04	42.00	44.20	2.20	I4	65	65	Dike, med-drk gry, w wht and lt gry packed subhedral and anhedral carb after fld (40-50%x2-5mm) in drk gry, aph, mtrx. No real chill at sharp straight top and bot ct's although slightly finer grained fld and more vitreous mtrx. Much of the fld gone to cly thru, and plucked by drilling, and occ chl (1%x2mm) clots (after mafic phenos), magnetic po and py both 1-2% in roundish clots (2-3mm) some w carb rims, and v fgr diss thru
BCGE-10-04	44.20	57.60	13.40	S1b	70	70	Gw beige to v drk gry, fgr, mostly msv, no bedding or bnding, but vague grading w tops of arg at 47.5, 48.7, 54, and 56.5, each w its own usu 1cm carb/chl bnd, and some pebbles above in the gw. At 57-57.2 cgr 2-3mm clots of recrystallized (?) py

**Appendix-A-5**  
**2010 Drill Logs - Lithology - Page #5**

Hole_ID	From	To	Width	LithoCode	HW_Dip	FW_Dip	Description
BCGE-10-04	57.60	64.92	7.32	S1a	70	80	Arg, blk, w (5%xsu1-5mm) thin beige lams, vfgr, homo, equi thru, w fine wispy and diss po along lams, and in tiny carb/ser (no chl) worms defining a consistent bedding
BCGE-10-05	0.00	19.70	19.70	S1a	35	25	Arg, blk, almost all msv, w no contorted early shr's, and only v occ thin beige lams (trx1-3mm, 75-80 deg), and v occ usu 1%x2-4mm wormy to swirly clots of carb some containing massive po clots and w minor ser margins, and rare thicker carb>chl>>po swirls. At 5.0, a v fgr, larger, semi msv-diss po bnd (1-1.5cm) after marcasite (?) yielded (10 magsusc), and @ 9.5-10.25 is one larger carb swirl
BCGE-10-05	19.70	21.15	1.45	I4	35	45	Dike, lt-med gry, mostly msv, homo, and fgr thru, w occ tr of apple grn chl dots (2mm) after mafics, and at 19.9-20.05 w v lt gry subhedral fld (40%x2-5mm), otherwise all aph, mtrx. No chill or altn at sharp faulted top ct, slt fgr vitreous chill (4cm) at bot ct w v wk ser altn of arg for a few cm. Py 2-3% is in occ roundish clots (2-3mm), v fgr diss thru, esp along hairline chl fr's, and 1-2mm carb ff's, and mod perv carb (fizz) thru
BCGE-10-05	21.15	64.87	43.72	S1a	45	35	Arg, blk, mostly msv (esp 25-28, 32-40.5, 50.5-53.5, 56-64.87 where po is in tiny wisps), only rarely contorted by early shr's (21.5-22.8, 28.4-28.9), and only v occ thin beige lams (trx1-3mm), and v occ usu 1%x2-4mm wormy to swirly clots of carb some containing massive po clots and w stronger than usu ser margins, and some thicker carb>chl>>po swirls again w stronger ser alt'd margins.
BCGE-10-06	0.00	17.00	17.00	S1a	35	25	Arg, blk, almost all msv esp nearer the top, w/ no contorted early shr's, and only v occ thin beige lams (trx1-3mm, 65-750 deg). Occ 2->5%x2-4mm wormy to swirly, vaguely bedding // clots of carb in top half, and in bot half, 15% x more massive, (over 5cm sections), thicker carb>chl>>po swirls, At 15.6-16.15 is all partially rounded (ground), broken rubble, with about 35cm of core lost. At 16.15-17.0 are 5-7% carb/brt wht clay ffs to contact.
BCGE-10-06	17.00	20.30	3.30	I4	75	50	Dike, lt-med gry, mostly msv, homo, and fgr thru. At 18.4-18.7 are v lt gry subhedral fld (15%x2-5mm), otherwise all aph. No chills or altn's at sharp faulted top and bot cts. W-mod cy altd thru, po 2-3% is in occ roundish clots (2-3mm), and w/ v fgr diss py thru, sometimes along hairline chl ff's, and 1-2mm carb ff's, and mod perv carb (fizz) thru
BCGE-10-06	20.30	82.85	62.55	S1a			Arg, blk. At 20.3-33.1 w-m lam'd w 20% thin beige lams (trx1-3mm), some w (1%x2-4mm) wormy clots of carb (22.9-23.1, 26.6-27.8, 31.9-33.1 Carb beds, still w lams). At 33.1-39.5 more msv and blk, w only v wk lams (15-25 deg) w 1-2 po along them. 39.5-46.5 w lam'd w 5% each thin beige lams (trx1-3mm), and wormy carb/chl/py clots. At 46.5-49.7 more msv and blk, w only 1-2%x3mm carb worms, and v wk lams (15-25 deg) w 1-2% po along them, At 49.7-54.8 has 2-3%x1-3mm), and wormy carb/chl/py clots, and perv ser altn. At 54.8-64.1 more msv and blk, w almost no lams and 1% po in wisps and v occ blobs (4x0.5-1cm thick w in 10-30cm ser alt'n), occ w tr py and tr carb>qtz str @ low <s. At 64.8-70.5 5-7% carb +/- ser worms, and 5% larger carb blobs w minor py, otherwise msv. At 70.5-72.5 blk, msv no sus. At 72.5-82.85 worms and irreg patchy ser alt'd (25%) with carb str, and some vning thr - no carb clots or worms, and tr only py usu along edges w in vns.
BCGE-10-06	82.85	89.30	6.45	I4			Dike, lt-med gry, mostly msv, homo, and mgr thru. Top and bot 2m are finer grained, and darker 1cm rims might be absorbed argillite. Lt gry subhedral fld (15%x2-5mm), only vis where altd, ie. around qtz/carb ff's 7x1-10mm and waxy lt greenish otherwise. Mafics 5%x0.5-1mm are darker green and only in middle. Po is finely diss in clots (<1mm), and a wk fizz thru.
BCGE-10-06	89.30	92.35	3.05	S1a			Arg, blk to v drk gry, w wk ser and ass diss py, and str ser at 89.75-90.15 around a small vn, almost all msv except nr bot w lams. Tr qtz/carb ff's thru.
BCGE-10-07	0.00	8.70	8.70	S1a			Arg, blk, w vague thin beige gw beds nr bot (57deg), wormy clots and swirls (25%x2-30mm thick) of carb>chl carb usu w some msv po clots (<1cm) in the center, and no margins of ser altn, and are mstly // core // to early shring. At 1-1.5, 6-7.2 msv carb at low <s.
BCGE-10-07	8.70	11.45	2.75	I4	50	55	Dike, med gry, w v lt gry packed subhedral fld (40%x2x5mm) decreasing toward top ct in drk gry, aph, mtrx. Small 2-3cm, finer grained chills, and no altn halo's at sharp ct pos bed // at top, and def bedding T at bot. Non-magnetic po? 1-2% is in roundish clots (1-2mm), and v fgr diss thru. No fizz except on 2-3 carb ff's // and nr bot ct.
BCGE-10-07	11.45	31.00	19.55	S1a			Arg, mostly blk and msv, occ w tr lams (some w po), and occ contorted by wk early chl/carb shrs (20.2-23, 25.6-26.2). At 11.6-15.2 wormy clots of carb usu w some ass massive po clots and ser along their margins (5%x2-4mm).

**Appendix-A-5**  
**2010 Drill Logs - Lithology - Page #6**

Hole_ID	From	To	Width	LithoCode	HW_Dip	FW_Dip	Description
BCGE-10-07	31.00	35.30	4.30	I4	70	60	Dike, fgr grading to aphanitic almost glassy at top and esp bot ct's over 30, 50cm respectively, w tr euhedral 1x3mm wht euhedral fld lathes. Still fgr, w/ anhedral blk hb? w/ assoc v fgr po diss, in m gry aphanitic mtrix in middle. Arg is blk and unaltd by dike along top and bot ct's, which are v irreg but sharp!
BCGE-10-07	35.30	61.20	25.90	S1a	60	70	Arg, mostly blk, msv, w only v occ, vague, thin beige lams (often disrupted by soft sed def), swirly clots of carb usu at low<'s along early shrs w minor rextalized py in arg along edges to 45m, and 2-3% po thru is along lams, or in discontinuous T, extention ff's, or v occ blobs <1.5cm. At 51-53.5, 54-56, and bot 2-3m has occ subround arg clasts, and is a bit shr'd (soft sed?)
BCGE-10-07	61.20	72.10	10.90	S1b	50	55	Gw, grnsh gry, w variable mtrx carb, and nvs, mostly msv, and fgr thru, with occ small 20-50cm blk arg beds that have grad ct's. At 61.2, 62, 63, 69.5 are 10-15cm bnded to bx'd carb beds (cts usu 50-60deg), but the sequence has no obv graded bedding, or tops. Occ round clasts usu 0.5-1.5cm of black arg in the gw. No vis sus.
BCGE-10-07	72.10	111.30	39.20	S1a	55	65	Arg, v blk, homogeneous and mostly msv or wk lam'd to 106m depth, with 10xbloppy carb bnds (1-5cm) // lams, and at 87.9, 89.9, 96.9 are 15cm laminated fgr carb beds, At 76-82 trx0.5-3cm gw>>arg rounded pebbles thrown in (mtrx supported), with no intermediate size fraction. Po is in tiny wisps or tiny, discontinuous, extention fracs and pygmatically folded thin lams occ. At 106-111.3 blobby carb>chl, 1-3cm thick, in low <, early shrs (sed dikes?) grading to along beds, 3-5% has ser rims, but not much more po.
BCGE-10-07	111.30	111.40	0.10	I4	40	45	Dike, drk gry, fgr grading to aphanitic almost glassy mtrx, w 5% euhedral 0.5x12mm wht euhedral fld lathes, blobby on 10cm scale, w sharp but rounded cts, poss bedding controled.
BCGE-10-07	111.40	119.80	8.40	S1a	45	50	Arg, v blk, and mostly msv or occ v wk lam'd, w 3-5%, blobby, carb>chl in 1-3cm thick, usu low <, early shrs (sed dikes?) grading but also occ along beds, w some ser altered rims nr the top (ie. Nr dike), and not much more po.
BCGE-10-07	119.80	135.00	15.20	S1b	12	15	Gw, lt beige, fgr verging on arg in many places and well bedded with arg on lam'd to banded (usu ~5cm) scale. At 120-122, 128-120, 130.7-131.2, 132.9-133.1 are thicker, more massive, homogeneous beds that are very mtrx carb rich, and have internal ext fr's of wht carb T to bedding. At 130-130.5 is a small 1.5 cm gw bed bx'd with clasts partly rotated - soft sed. Gradational top and bot ct's.
BCGE-10-07	135.00	146.00	11.00	S1a	15	0	Arg, v blk, but often verging on gw, and well lam'd to bnded thru. At 137, 138, 139, and 143 are a few round pebbles 0.5-7cm of carbonate, and tr only po, gradational top and bot cts
BCGE-10-07	146.00	148.40	2.40	S1	0	70	Gw, mostly beige, with only very little bedding, top ct is // core, and just below this is a soft sed carb rich bx for 30cm. and remainder is quite homogeneous, and msv or v v wk lam'd.
BCGE-10-07	148.40	149.40	1.00	I4	70	75	Dike w wht euh (to subhedral) fld phenos (5-7%x2mm and 1x3mm lathes) sometimes glomerophorhoritic (+/- twinned), and drk grn mafic ghosts 1-2%x1-2mm, in lt gry, aph, (vitreous nearer margins), mtrx. No chill margins, and no alt'n of surrounding seds. Tr carb on hairline ff's, nvs, but magnetic so vvv fgr po diss. Sharp straight top and bot cts T lams above. Fresh overall!
BCGE-10-07	149.40	152.00	2.60	S1b	75		Gw, mostly drk grey, and msv w 1-2% tiny carb ff's, grades into argillite at bottom. At top 60cm is wk brn/purple ser alt'n down to vn, and at 150.7-151.2 some mtrx carb coming in.
BCGE-10-07	152.00	160.80	8.80	S1a	15	0	Arg, blk, w no gw beds and well lam'd nr top grading to contorted w early carb>chl shrs to the end w tr only ass po clots, and no ser along their margins. Ser is along lams around vein.
BCGE-10-08	0.00	6.20	6.20	S1a	35	25	Arg, v blk, v wk lam'd thru, w no contorted early shr's, and only v occ thin beige lams (trx1-3mm, 50-70 deg), and v occ usu 1%x2-4mm wormy to swirly clots of carb some containing massive po clots. Perv ser altn grades from w to m down to dike.
BCGE-10-08	6.20	8.90	2.70	I4	35	45	Dike, lt-med gry, msv, homo, and quite fresh thru. 40% white to v lt gry, subhedral fld almost packed in fgr, drker grey mtrix w 4% vfgr diss py. Sharp, non-linear, wavy, top and bot ct's, with no chills, no fizz (except tr calcite rims on occ fld), and no carb ff's
BCGE-10-08	8.90	10.40	1.50	S1a	45	35	Arg, v blk, v wk lam'd thru, w some soft sed faulted beds, and occ thin beige lams (trx1-3mm, 50-70 deg), and no wormy to swirly clots of carb, but 1% tiny discontinuous tiny 1cm long ff's massive po. Perv ser altn is wk thru,

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**2010 Drill Logs - Lithology - Page #7**

Hole_ID	From	To	Width	LithoCode	HW_Dip	FW_Dip	Description
BCGE-10-08	10.40	13.80	3.40	I4	55	50	Dike, lt gry, msv, homo, and quite fresh thru. 20% white to v lt gry, subhedral to anhedral fld in fgr, drker grey (tho less drk than above) mtrix w 1-2% vfrg diss py. Sharp, non-linear, wavy, top ct, and bot ct has a fr along it and is v straight (@ 90deg to arg lams below), with 5cm darker, fgr, chills, no fizz), and no carb ff's
BCGE-10-08	13.80	36.27	22.47	S1a	45	35	Arg, extremely blk, and mostly extremely msv, occ v wk lam'd at top 5m, and bot 3m where w-m ser altn enhances them, and only tr carb>chl worms and swirly clots (every 2-3m or so), but 1-3% tiny discontinuous 1-5cm long ff's massive po.
BCGE-10-09	0.00	7.50	7.50	S1a	27	32	Arg, v blk, occ v wk lam'd nr top and bot, early shr // lam at 5.5-6.1, just above the only swirly chl>carb clot (10cm) w tr py. Patchy ser altn grades from w to m next to dike. Po (1-2%) is in tiny, discontinuous 1-1.5mm thick variable length ff's
BCGE-10-09	7.50	15.65	8.15	I4	20	45	Dike, lt gry, msv, homo, and quite fresh thru. 35-40% white to v lt gry, subhedral to anhedral fld in fgr, drker grey mtrix, w 3% vfrg up to 1mm diss py (non-magnetic). Sharp, non-linear, wavy, top and bot ct's w 5cm darker, fgr, w/ less fld, chills, no fizz, and no carb ff's. Poss multi-pulse, as a sharp, straight, ct change to fgr (chill), then gradually back to regular, occurs at 8.4, and 11.5, at 70 and 52 respectively. At 7.8-8.4, 13.1-13.3, and 14.5-14.9 are rounded blobs of arg - inclusions? or treading the edge of an irregular ct?
BCGE-10-09	15.65	75.30	59.65	S1a			Arg, v-ex blk, variable wk lam'd thru, but w numerous soft sed faulted and slumped beds, and rotated bedding. Blobby to swirly clots of carb>chl, all w/ ser rims, usu not w/ po/py, and at all <'s, usually 1-3cm thick, occur about 1/1m thru, except between 38-58m, where there is also no po. Ser altn occurs sporadically thru, along hair frs, lams, and carb rims. At 58m depth, poss below a low < fault zone (w ass py? in 0.5-1mm cubes), the carb>chl blobs and ser altn pick up again to the end of hole. At 64.5-67.5 early soft sed shr along core axis has strong ser and chl altn leading into 2x min'd fault fracs rotated 90 deg to one another w/ v str to intense! ser between
BCGE-10-10	0.00	5.00	5.00	S1a	35	25	Arg, blk, almost all msv, w 2x10cm contorted early carb>chl +/- po shr's (2.0, and 3.0m), and only v occ thin beige lams (trx1-3mm, 50deg), and no wormy to swirly clots of carb. At 1.95 is a 1-1.5cm thick po patch in carb shr, but mostly po is in tiny hairline ff's. Wk ser thru esp along other hair fr's
BCGE-10-10	5.00	8.35	3.35	I4	50	45	Dike, lt gry, msv, homo, and quite fresh thru. 35-40% white to v lt gry, subhedral to anhedral fld in fgr, drker grey mtrix, w 3% vfrg up to 1mm diss py (non-magnetic). Sharp, non-linear, wavy, top and bot ct's (top roughly // lams) w no chills, occ tr fizz, and no carb ff's. No evidence of multi-pulse, and at the top is a 7cm rounded blob of arg - inclusions?
BCGE-10-10	8.35	10.40	2.05	S1a	45	35	Arg, blk, mostly msv (esp 31-36, 41-44, 51-56m), w occ swirly contorted carb>chl (1-4cm) w tr po every 1-3m only v occ beige lams at variable <'s w some slump bx, and sed dikes contorting it as well. No wormy carb, and tr only po diss. Variable pachy ser altn is usu along and as halos on hair fr's
BCGE-10-10	10.40	13.95	3.55	I4	75	50	Dike, lt gry, msv, homo, and quite fresh thru. 20-30% white to v lt gry, subhedral to anhedral fld with wider grainsize variation to fgr, in fgr, drker grey mtrix, w 3% vfrg up to 1mm diss py (non-magnetic). Sharp, non-linear, wavy, top ct, and sharp more llinear bot ct w tiny (3-5mm) v drk fgr chills, occ tr fizz, and no carb ff's. No evidence of multi-pulse.
BCGE-10-10	13.95	56.08	42.13	S1a	35	25	Arg, blk, mostly msv, w contorted early carb>chl +/- po shr's (2.0, and 3.0m), and only v occ thin beige lams (trx1-3mm, 50deg), and no wormy to swirly clots of carb. At 1.95 is a 1-1.5cm thick po patch in carb shr, but mostly po is in tiny hairline ff's. Wk ser thru esp along other hair fr's
BCGE-10-11	0.00	6.95	6.95	S1a	60	60	Arg, blk, w wk "fol" or // hair fr's @ 60deg, and irregular vague lams, contorted by early soft sed def, w 1x5cm (at 4.3m), and 1x15cm (5.6m) high < early carb>chl +/- po beds, and no wormy to swirly clots of carb. Most po is in tiny hairline ff's or along lam?. Wk ser thru esp along other hair fr's.
BCGE-10-11	6.95	12.90	5.95	I4	70	55	Dike, lt gry, msv, homo, and quite fresh thru. 35-40% white to v lt gry, subhedral to anhedral fld in fgr, drker grey mtrix, w 3% vfrg up to 1mm diss py (non-magnetic). Sharp, fairly linear, top and bot ct's (top roughly T lams) w no chills, occ tr fizz, and no carb ff's. At 10.15-12.8 (ie 5-10cm from bot) is evidence of multi-pulse, ie. linear, sharp, ct's with a less fld -rich phase in the middle. No arg inclusions?
BCGE-10-11	12.90	42.37	29.47	S1a	45	35	Arg, blk, mostly v msv (esp 20-30m), w v occ wk, beige lams at variable <'s w some slump bx, and sed dikes contorting it as well. w tr only carb>chl +/- po/py beds (2-6cm) at 13.0, 23.0, 30.4, 30.6, 32, 34.8 and 40.1 No wormy carb, and most po is in tiny hairline ff's or along lams. Wk ser thru esp along other hair fr's.

**Appendix-A-5**  
**2010 Drill Logs - Lithology - Page #8**

Hole_ID	From	To	Width	LithoCode	HW_Dip	FW_Dip	Description
BCGE-10-12	0.00	5.30	5.30	S1a	35	65	Arg, blk, w wk "fol" or // hair fr's @ 35deg nr the top, and irregular vague lams @ 65deg toward the bot, contorted by early soft sed def, w 1x5cm (at 2.2m), and 1x5cm (2.6m) low < early carb>chl +/- po beds, and no wormy to swirly clots of carb. Most po is in tiny hairline ff's or along lam. Wk ser thru esp along other hair fr's.
BCGE-10-12	5.30	13.10	7.80	I4	15	55	Dike, lt gry, msv, homo, and quite fresh thru. 35-40% white to v lt gry, subhedral to anhedral fld in fgr, drker grey mtrix, w 3% vfgr up to 1mm diss py (non-magnetic). Sharp, wavy, top and bot ct's w no chills, occ tr fizz, and no carb ff's. At 9.5 is evidence of multi-pulse, ie. sharp, ct w a less fld -rich phase below. At 5.95-6.2 is an arg inclusions with wavy cts
BCGE-10-12	13.10	49.90	36.80	S1a	45	35	Arg, blk, quite msv, w occ wk, beige lams at variable <'s w some slump bx, early shr's, and sed dikes contorting it as well. About 3% carb>chl +/- po/py beds (2-6cm) every 2m or so, and no wormy carb. Most po is in tiny hairline ff's or along lams. Wk-mod ser and poss some silic (or just cherty beds?) at 21-24m thru fold axis?
BCGE-10-13	0.00	7.30	7.30	S1a	35	65	Arg, blk, w wk "fol" or // hair fr's @ 45deg nr the top, and no lams, contorted by early soft sed def, w 1x10cm (@5.7m), and 1x15cm (@7.2m) mod < early carb>>chl +/- po beds, and no wormy to swirly clots of carb. Most po is in tiny hairline ff's or along lam. Wk ser thru esp along hair fr's and at bot against dike.
BCGE-10-13	7.30	14.40	7.10	I4	45	25	Dike, lt gry, msv, homo, and quite fresh thru. 35-40% white to v lt gry, subhedral to anhedral fld lathes (1-2x3-4mm) in fgr, drker grey mtrix, w 3% vfgr up to 1mm diss py (non-magnetic). Sharp, wavy, top and bot ct's w no chills at top, but a slightly darker fgr 5cm chil at bot. Occ tr fizz, and 1-2x .5mm carb ff's. At 13.7 is evidence of multi-pulse, ie. sharp, ct (@60deg) w a darker, less fld -rich phase above(!). At 10.0-10.6 is an arg inclusion with wavy cts
BCGE-10-13	14.40	65.23	50.83	S1a			Arg At 14.4-39.5 there is a larger gw component, and poss sil (cherty lams), and w abundant wk, beige lams at variable <'s (changing over 0.5m usu) w some slump bx, early shr's, and sed dikes contorting it as well. About 3% carb>chl +/- po/py beds (2-6cm) every 2m or so, and not much wormy carb. Most po is in tiny hairline ff's or along lams. Wk-mod ser and poss some silic (or just chert, or gw rich beds?). At 24.4m a clear fold axis. At 39.5-48.5 the arg becomes blk, massive, with no lams or altn (ser or sil), and even the carb beds drop off to 1-2%, w nvs. At 48.5-65.23 the arg returns to similar to the top, but not as strong, lams and early soft sed shrs are mostly low <.

**Appendix A-6**  
**2010 Drill Logs - Vein Data - Page #1**

Hole_ID	From	To	Width	Vntyp1	Vntyp2	Vn_mnl	HW_Dip	FW_Dip	Description
BCGE-10-01	13.10	13.12	0.02	4		Carb	60	60	White cgr calcite vein - barren - related to fault?
BCGE-10-01	16.00	16.30	0.30	1		Carb	0	10	White Carb frags originate in Calc-silicate (2mm) and radiate uphole to nothing mostly w CAA = 0
BCGE-10-01	17.70	18.40	0.70	1		Carb	35	55	tiny Carb ff's along and T to Shr dir below Flt
BCGE-10-01	27.35	27.40	0.05	5	6	Carb	90	90	20%x2-6mm clasts, and 2-3%x2-3mm vugs -since shr is 0 deg this is T to shr sim to tiny carb ff's
BCGE-10-01	50.00	50.10	0.10	5		Qtz-Carb	70	70	Frag rounded 2-3mm clotty, tight mostly qtz and chl
BCGE-10-01	50.55	50.65	0.10	5		Qtz-Carb	75	75	Frag rounded 2-3mm clotty, tight mostly qtz and chl
BCGE-10-01	51.85	52.10	0.25	5	7	Qtz-Carb	50	65	10cm disc qtz carb bx vein w shr'd margins minor lt grn min nr top, and ank str at bottom, then T shr bx vein @65 deg with 1cm of a fgr blk mineral and disc qtz ext vn'ing to bottom
BCGE-10-01	149.60	150.10	0.50	2		Qtz-Carb	80	35	Rounded granular qtz in stringers in top and bot 15cm (2-5mm scale looking qtz (65%) with rounded rims and fractures (usu 5mm) of a v pale green cly, and tr po
BCGE-10-01	150.10	150.60	0.50	4		Qtz	35	30	Rounded granular (2-20mm scale looking qtz (65%) with rounded rims and fractures (usu 5mm) of a v pale green cly, and tr po and a dark silvery mineral against the gw fragments
BCGE-10-01	176.70	176.80	0.10	4	5	Qtz-Carb	66	60	VG in mtrx supported monomictic gw clasts (6%), jigsaw fit bx, in qtz/carb mtrx down to vug (8cm). Milky coxcomb qtz along bot ct (2cm) up into a vug @ 60deg // bot ct. Some early qtz nucleates off clasts, some late carb vcgr (<2cm).
BCGE-10-01	177.25	177.66	0.41	5		Qtz-Carb	63	40	VG with roscolite in top 10 cm of vein before large vug. 10 % vein is greywacke clast material. 1 clast 10x15cm clast with strong sericite alt. Minor light gn mineral occuring as blebs. Qtz nucleating from greywack clasts.
BCGE-10-01	177.66	177.90	0.24	3		Qtz-Carb			Various orientations on Qtz-Carb stringers (more carb than qtz), stringers vary from 1 to 10mm. Abundant fg silver mineral diss and concentrated along margins of fractures.
BCGE-10-02	13.90	13.92	0.02	4		Carb	60	60	Wht cgr carb fr vein w minor tiny bx arg, and 10% clots chl 3x5mm
BCGE-10-02	16.00	16.30	0.30	1		Carb	0	10	White Carb frags originate in Calc-silicate (2mm) and radiate uphole to nothing mostly w CAA = 0
BCGE-10-02	17.70	18.40	0.70	1		Carb	35	55	tiny Carb ff's along and T to Shr dir below Flt
BCGE-10-02	23.40	23.41	0.01	4		Carb	90	90	poss wk ser altn around it
BCGE-10-02	24.90	24.95	0.05	4	5	Qtz-Carb	60	45	Frag angular 2-4mm, tight qtz and carb, nvs
BCGE-10-02	44.60	44.62	0.02	5		Qtz-Carb	75	75	Wht cgr carb fr vein w minor orange flt gouge
BCGE-10-02	47.60	47.75	0.15	5		Qtz	60	55	Wht qtz cemented bx vein w 40% angular clasts of arg (some ser altd), sharp strait ct'sk w no altn around, minor silvery mineral aspy(?) and py in clsts
BCGE-10-02	58.85	58.88	0.03	4		Carb	80	90	Wht carb and orange gouge, no altn of wallrock
BCGE-10-03	5.51	5.53	0.02	4		Carb	60	60	Wht carb fr vein w minor pale grn chl
BCGE-10-03	13.40	13.55	0.15	3		Qtz-Carb	0	10	Str's (40%x2-12mm) multi generational, w one large ser altd clasts, and rest str sil frags 2-4mm, tight qtz and carb, nvs, minor ank
BCGE-10-03	14.02	18.40	4.38	5	4	Carb	70	55	Wht carb fr vein w minor pale grn chl, and 10%x0.25x3cm angular arg clasts, tight, nvs
BCGE-10-03	46.00	46.15	0.15	3	5	Qtz-Carb	57	60	Wht carb with 5-7%x2-5mm angular arg clasts in fgr mixed mtrx, tr only py esp along slt shrd rims
BCGE-10-03	46.15	46.30	0.15	3		Qtz-Carb	60	45	Multi generational, tight, str (10%x.5-20mm) w 5%(?) ank, surround angular, non rotated, unaltd arg clsts, tr only v fgr py
BCGE-10-03	44.60	44.62	0.02	5		Qtz-Carb	75	75	Wht cgr carb fr vein w minor orange flt gouge
BCGE-10-03	47.60	47.75	0.15	5		Qtz	60	55	Wht qtz cemented bx vein w 40% angular clasts of arg (some ser altd), sharp strait ct'sk w no altn around, minor silvery mineral aspy(?) and py in clsts
BCGE-10-03	58.85	58.88	0.03	4		Carb	80	90	Wht m-cgr carb and 10% vugs of orange gouge, no altn of wallrock
BCGE-10-03	151.34	151.53	0.19	7	5	Qtz	55	50	Wht qtz almost exclusively in top half, (minor lt carb crosscuts in late 5mm fr), w 60% altd (sil and minor cly) arg clsts in bot half, preserve shr texture, minor vugs of yellow cly, and pale grn min, str fabric thru // to top and bot ct's, 1-2 dis py mostly in clsts in bot half
BCGE-10-04	43.40	43.43	0.03	3	7	Qtz-Carb	50	50	Roundish blobs (1-3mm range) of fgr, wht carb, grey qtz (poss aspy), and blue-green qtz in shr vn through dike w tr py, poss vg - this vn and below join on one side of core

**Appendix A-6**  
**2010 Drill Logs - Vein Data - Page #2**

Hole_ID	From	To	Width	Vntyp1	Vntyp2	Vn_mnl	HW_Dip	FW_Dip	Description
BCGE-10-04	43.48	43.51	0.03	3	7	Qtz-Carb	60	60	See above
BCGE-10-04	51.30	51.90	0.60	6		Qtz	8	20	Mosly wht qtz with 3-5%x2-5mm roundish vugs, mosly along 1-3cm gradational margins, some filled w yellow/brn ank?, some w calcite, and minor small bx arg in same size range right at margin makes it grad. About 10% of qtz is gry, and 10% is v pale grn. Py tr in and along w vugs. Tr electrum.
BCGE-10-04	52.00	52.10	0.10	4		Qtz-Carb	0	20	Qtz carb, equal, fgr, wedge shaped, gash vn w pale green mineral.
BCGE-10-04	55.90	55.93	0.03	4		Qtz-Carb	75	75	Wht mix of qtz/carb, tight, chalcedonic, w one vn @ 70deg (3cm), and a splay 5deg (1cm), barren
BCGE-10-04	56.11	56.18	0.07	7		Qtz	60	58	Wht qtz/carb w shr tex // walls, and shr'd arg frags, and straight v thin lamellae of green mineral, and grey stib/ars? ass w tr v tiny py and aspy
BCGE-10-05	19.63	19.70	0.07	7	5	Qtz-Carb	35	35	Wht fgr intergrowth of qtz and carb, w blk lamellae (hairline) every 3-4mm // fz above, and blk mud coats
BCGE-10-05	20.20	20.50	0.30	4		Carb	5	5	Larger carb ff 1cm->3cm along core, w grey mud on one side fault?
BCGE-10-05	38.60	39.45	0.85	5	4	Carb	0	0	0.5-3cm discontinuous frac w 10% angular unaltered arg clasts (1-10mm)
BCGE-10-05	40.40	40.55	0.15			Qtz	40		Cloud shaped qtz, w v pale grn mica dendritic fr's in a CS section below, tr po
BCGE-10-05	45.60	47.20	1.60	5		Qtz-Carb	25	35	Bx vein with 75%x1-10mm clasts, angular, unaltered, with gry (occ slt grn) qtz initial stage, and then carb infill vugs. Top 0.6m has 85% larger non rotated clasts verging on str zone, w 3mm qtz inital stage filled in w sparry calcite, nvs
BCGE-10-05	48.00	49.20	1.20	5	4	Qtz-Carb	0	0	Carb bx vn 1-2cm thick and ~60cm long, leads into a 2-3cm fgr gry and milky qtz vn also ~60cm long // core
BCGE-10-05	53.40	54.00	0.60	6	4	Qtz	20	15	Vuggy qtz bx vn, 10 cm true width, w grey and milky qtz, 50% of arg clsts ser alt'd, minor carb in small vugs, and 1-2% aspy (?) vfgr nr margins, ass w tr py
BCGE-10-06	50.15	51.05	0.90	5	6	Qtz-Carb	55	8	Top 35cm is 80%, mostly non-rotated, blk, unalt'd arg clasts in wht, fgr, qtz/carb mtrx with tr fuchsite. Bot 55cm is mostly qtz>>carb with 10-15%xbarely visible 1-7cm silic +/- ser alt'd clasts (some w tr py), and 5% druzi coated vugs, with tr fuchsite and v v fgr grey matter. Top CT is gradational, and bot CT is very sharp and low <.
BCGE-10-06	54.00	64.10	10.10	1		Qtz-Carb	20	10	Tr stringers at low angles.
BCGE-10-06	64.10	64.80	0.70	3	5	Qtz-Carb	25	3	Qtz-Carb str's at low <'s, <7cm, w some bx, and amall druzi filled vugs, angular sharp ct's and blk unalt'd arg clasts.
BCGE-10-06	64.80	70.50	5.70	1		Qtz-Carb	10	15	Mostly carb, with tr pale green mineral medians
BCGE-10-06	72.50	82.85	10.35	3	5	Carb	10	0	Mostly carb, w some earlier gry qtz margins, and occ smaller earlier ones allk gry qtz; some w tr difuse pale green, and tr py in occ ser alt'd clasts, or along margins - 3x3-5cm, and rest <3mm other than the two broken out below. 2-3% vugs, open and occ cly filled.
BCGE-10-06	74.85	75.05	0.20	4		Qtz	20	15	Qtz chalcedony margins, mostly carb, some tiny qtz druzi fills 3% vugs w tr silvery min? and py
BCGE-10-06	75.05	77.50	2.45	1		Qtz-Carb	0	10	Tr stringers at low angles.
BCGE-10-06	80.90	81.85	0.95	5	4	Qtz-Carb	12	17	Mostly cgr qtz bx'd and then carb, 5% pale green min - vague very light, diffuse esp nr margins after clsts? Tr only py and v v fgr silvery min. 81.3-81.4 is "hoar frost" textured qtz with some remaining cly intergrowth.
BCGE-10-06	89.90	90.10	0.20	6		Qtz-Carb	40	25	Vuggy small vn with qtz along margins then 2-3mm, soapy, lt green "botriodal" mineral with calcite into void, and finally some cly in open vugs. Vn bends into a small carb ff (45deg) at bottom.
BCGE-10-07	13.40	14.65	1.25	2		Carb	60	60	Wht cgr carb str's, mostly 2-3mm, but 2x2-6cm, some w vugs filled by buttery pale yellow cly
BCGE-10-07	14.65	15.00	0.35	6	3	Qtz-Carb	60	30	White qtz/carb intense str's (top 10cm) then vuggy, bx vein with late str's overtop, that has tr lt and drk green min, and open vugs of vfgr druzi, and yellow cly. Bot of vein is rubbly, against a sudden fault (?) ct, w no altn or str's below.
BCGE-10-07	24.15	24.50	0.35	2		Carb	50	55	2x1-4cm carb str's, single phase, tight, no vugs, minor bx, have str Stib margins, and tr pale green medians, and bracket a str zone btwn of tiny str's with same comp.
BCGE-10-07	150.00	150.15	0.15	3	7	Qtz-Carb	50	70	90% str network of fgr intergrown qtz/carb w vfgr diss tr py nr top, along minor shr, no vugs or bx
BCGE-10-07	152.65	153.00	0.35	1		Carb			Carb filled spidery, crackle str's mostly hairline, but occ bodies up to 1cm
BCGE-10-07	153.00	153.08	0.08	4		Carb	65	65	Pure white carb vn w straight sharp top and bot ct's

**Appendix A-6**  
**2010 Drill Logs - Vein Data - Page #3**

Hole_ID	From	To	Width	Vntyp1	Vntyp2	Vn_mnl	HW_Dip	FW_Dip	Description
BCGE-10-07	153.08	153.45	0.37	5		Qtz	75	75	Almost all pure white qtz, w slivers (0.5-1cm) of mostly blk arg, but somepartly replaced by py, and one completely replaced. At 153.3 is a druzey qtz brk. No grn minerals. Both this and the vein above cross bedding at 90 deg. Top 5cm and bot 5cm are hairline crackle carb str network.
BCGE-10-08	32.00	32.10	0.10	3		Qtz-Carb	45	45	Parallel (45deg), separate wht qtz and carb str 0.5-1cm 60%
BCGE-10-08	32.50	33.15	0.65	5	6	Qtz	55	70	Cgr qtz with some calcedonic pale grn surrounding ghost frags over 15cm nr top and 10cm at bot, bullish in middle w median of cgr druzey, top 7cm is wht carb mtrx to black arg clasts w tr ass py. Vugs <2cm have druzey +/- cly in them. Top and bot ct's are sharp, tight, straight, and @ 90deg to lams in arg.
BCGE-10-08	33.15	33.40	0.25	2		Carb			Tiny stkwk of carb stringers
BCGE-10-08	33.40	35.50	2.10	1		Qtz-Carb	60	45	2-8mm str of fgr q/c at 50-70 deg every 20cm on avg, T lams
BCGE-10-09	67.20	67.25	0.05	7	4	Qtz	60	60	Shr vn on fault w int ser altn around it for 20-30cm. Mostly qtz and minor bx with silic wall rock clasts, but 1cm rounded patches of pure metallic alledmontite?? Hard - looks like drilled out drill steel! 5-10cm above is int stkwk of tiny carb str's
BCGE-10-09	67.48	67.50	0.02	7		Qtz	20	20	Shr vn on fault w int ser altn around it for 20-30cm. Mostly qtz and more shr'd than above, w no bx, just silic wall rock slivers, rotated at 90 deg to the above shr vn, with silic, and qtz str, (tr Mn-carb?) as ext gashes between.
BCGE-10-09	67.50	69.40	1.90	1		Qtz-Carb			Mostly brittle carb ff's, with 3x0.5cm str w qtz margins and carb/buttery cly medians
BCGE-10-09	69.40	69.55	0.15	7		Qtz-Carb	25	35	Shr vn w/ one central shr line at 10deg even tho outside ct's are as noted. Mostly fgr intergrwn qtz>carb, and diffuse apple green patches, and nvs
BCGE-10-09	69.55	69.90	0.35	3	4	Qtz-Carb	0	0	Intense str verging on carb bx vn, w 30% blk arg wallrock clasts, 1/3 rotated, 2or 3 ser alt'd, tr cly
BCGE-10-09	69.90	70.30	0.40	6	5	Qtz	55	55	Main Vein - Vuggy (7%) qtz>>carb, mostly fairly cgr (esp cgr druzey in open median), 10% calcedonic pale green "rounds", tr py occ w arg clasts at top 3cm, sharp straight top and bot ct's
BCGE-10-09	70.30	70.90	0.60	2		Carb			Brittle carb>>qtz ff's, < 1cm, network
BCGE-10-09	70.90	71.40	0.50	3		Carb			Intense Brittle qtz>carb ff's, < 1cm, stkwk
BCGE-10-09	71.40	75.30	3.90	1		Carb			Wk Brittle qtz>carb ff's, < 1cm, to end of hole, usu high <'s
BCGE-10-10	36.65	36.90	0.25	5	7	Qtz-Carb	35	35	Lt gry qtz (1-2mm) first coats frags (70%, many w visible ser altd lams, and some w tr diss fgr py), then fgr carb fills rest mostly at bot. Tr only pale green min nr bot. Frags up to 5cm are often slivered // to extremely sharp top and bot ct's // to flt above.
BCGE-10-10	36.90	37.40	0.50	1		Qtz-Carb	70	70	Tiny 1-2mm ff's usu at 70 deg
BCGE-10-11	35.70	36.25	0.55	5	7	Qtz-Carb	37	40	2x1cm, and a 2cm sections of slivered arg clasts // to shr'd qtz>carb vein w chalcidonic green chl over and around qtz growths over pseudo ghost clasts. In the most shr'd, top 4cm domain is 5-7% cgr 2-3mm aspy and roscoelite, both with ass gold specks and in the aspy are needles and tiny wires (<2-3mm long). At 36.0 is a small vuggy, druzey
BCGE-10-11	36.25	36.70	0.45	1		Qtz-Carb	30	30	4x3-15mm, larger carb ff's the middle two with 2-5% diss py in amongst str mod to drk green chl.
BCGE-10-12	39.30	39.65	0.35	5	7	Qtz-Carb	30	30	3x3-6cm (true) bx veins have both angular and slivered clasts of mostly un-alt'd arg, first rimmed by 2-3mm qtz, and then later, cross-cutng carb filled fr's. Margins are variably shr'd (shr bndng at 30-40) w some lamellae of qtz, difuse but bright, not pale, v green mineral, and traces of py (occ replacing arg clsts) and aspy, all cut by the late carb too.
BCGE-10-12	39.65	40.00	0.35	4	7	Carb	30	35	Larger cgr (1-2cm?) "fibrous"carb (stressed?) vn. Top margin wk shr'd in carb, w tr diffuse pale grn min. Bot margin shr'd over 7cm (true) similar to above shr's w more abundant py and less aspy, and 3% druzey filled vugs <5mm.
BCGE-10-13	54.00	56.20	2.20	1		Qtz-Carb	90	60	Brittle, angular spidery, wht fgr intergrowth of qtz and carb, mostly 1-2mm, but occ openw blk lamellae (hairline) every 3-4mm // fz above, and blk mud coates
BCGE-10-13	56.25	56.30	0.05	7		Qtz-Carb	20	30	Fgr shr vein, w fgr py and chl "lamellae" along the margins. 5cm true width. Tiny 2-3m qtz extention gashes cut vein into wallrock
BCGE-10-13	56.65	56.70	0.05	7		Qtz-Carb	20	15	Fgr shr vein, w fgr py and chl "lamellae" along the margins. 5cm true width. Str altn below into flt crk.



**Appendix A-7**  
**2010 Drill Logs - Structure Data - Page #1**

Hole_ID	From	To	Width	Str_Code	Intensity	HW_Dip	FW_Dip	Desc
BCGE-10-01	0.00	7.50	7.50	Fr	1	45	45	Straight, flat, late, fr w cc +/- po along them
BCGE-10-01	7.50	9.85	2.35	Fr	2	45	45	
BCGE-10-01	9.85	13.15	3.30	Fr	0			Msv
BCGE-10-01	13.15	13.25	0.10	Fz	1.5	60		Brittle Fz, w ~10x3cm wk ser alt'd pieces that have slt cly coatings
BCGE-10-01	13.40	16.30	2.90	S0	0.5	45	60	vague bedding
BCGE-10-01	16.00	16.30	0.30	Fr	0.5	0	10	Carb frags out from Calc-silicate
BCGE-10-01	16.30	16.45	0.15	S0	4	62	62	Comp bnding // bedding
BCGE-10-01	17.70	17.90	0.20	Fz	2	35	35	3xmuddy fault slips with slicks @ 20deg to long axis of plane of slips
BCGE-10-01	17.90	18.40	0.50	Sh	2	35	50	Str Shr'd ser alt'd grades to weak brittle with carb frags
BCGE-10-01	21.30	21.31	0.01	Fz	1	15	15	Mud and Carb on 1cm fault with another 1cm slt Shr'd Chl +/-py rim
BCGE-10-01	23.80	23.81	0.01	Fz	1	15	15	Mud and Carb on 1cm fault with another 1cm slt Shr'd Chl +/-py rim
BCGE-10-01	26.20	28.80	2.60	Sh	2	25	0	Mod-str Shr'd and ser alt'd surrounding Ft, and with tiny brittle with carb frags
BCGE-10-01	26.90	27.00	0.10	Fz	1	35	35	3x very muddy, irregular fault cracks
BCGE-10-01	48.30	50.00	1.70	S0	0.5	35	35	vague bedding
BCGE-10-01	50.00	61.30	11.30	S0	0.5	60	60	vague bedding
BCGE-10-01	50.00	50.65	0.65	Sh	1	70	75	2x10cm bx veins on margins of wk shr
BCGE-10-01	51.70	51.90	0.20	Fz	2	90	90	5x rounded smooth frags, with a lot of grey mud on them followed by wk shr'ing and minor veining
BCGE-10-01	61.30	83.00	21.70	S0	0.5	48	56	
BCGE-10-01	83.00	83.20	0.20	Fz	0.5	15	15	2x3mm muddy slips with some carb, and no altn except tr hairline carb network for 40cm above
BCGE-10-01	85.00	96.00	11.00	S0	0.5	48	56	
BCGE-10-01	96.00	97.50	1.50	Sh	0.5	15	15	Wk shr fabric, no vn'ing, no altn, possibly soft sed def
BCGE-10-01	97.50	108.00	10.50	S0	0.5	48	56	
BCGE-10-01	108.00	109.60	1.60	S0	1	39	20	Fold axis @ 109.6??
BCGE-10-01	109.60	110.50	0.90	S0	1	15	45	
BCGE-10-01	119.80	120.20	0.40	Fz	2	20	30	Fractured and broken every 2-3cm into sharp <d shards with bright wht cy on slips - Poss Core Loss
BCGE-10-01	124.20	126.70	2.50	Fz	2	70	25	Fractured and broken every 2-3cm into sharp <d shards with very abundant bright wht cy on slips up to 0.5cm thick - Probable Core Loss
BCGE-10-01	126.70	132.70	6.00	S0	0.5	40	25	
BCGE-10-01	132.70	135.40	2.70	S0	3	50	50	
BCGE-10-01	136.08	136.10	0.02	Fz	2	50	28	3x fault cracks filled (<1cm) w wht cly and cly alt'd btwn
BCGE-10-01	136.10	140.00	3.90	S0	2	18	18	
BCGE-10-01	136.10	143.90	7.80	S0	1	18	30	
BCGE-10-01	143.90	144.20	0.30	Fz	1	50	50	9x fault cracks filled (<2mm) w wht cly and wk cly alt'd btwn
BCGE-10-01	144.20	152.30	8.10	S0	0.5	45	55	
BCGE-10-01	162.00	162.20	0.20	Fz	0.5	20	70	1x0.7cm carb>cly>qtz filled frac leads uphole frm 2xwht hairline frags
BCGE-10-01	172.10	172.80	0.70	S0	1	74	74	
BCGE-10-02	0.00	6.60	6.60	S0	0.5	60	70	
BCGE-10-02	6.60	7.70	1.10	S0	0.5	25	30	

**Appendix A-7**  
**2010 Drill Logs - Structure Data - Page #2**

Hole_ID	From	To	Width	Str_Code	Intensity	HW_Dip	FW_Dip	Desc
BCGE-10-02	6.60	7.80	1.20	Sh	1	25		Transposes bedding?
BCGE-10-02	9.45	12.20	2.75	Fr	0.5	35	45	Tr brittle carb fr with lt altd <1cm margins
BCGE-10-02	12.20	14.50	2.30	Sh	1			wk early shr or soft sed deformation swirly at usu lowl <'s
BCGE-10-02	13.30	14.20	0.90	Fr	1.5	45		Brittle frs, mostly hairline w carb on them centered on 1x1.5cm larger carb fr @ 50deg at 13.9 w 10%x3mm chl clots, nvs
BCGE-10-02	13.40	16.30	2.90	S0	0.5	45	60	vague bedding
BCGE-10-02	16.30	60.90	44.60	S0	0.5	60	60	Occ CS beds in the middle of arg
BCGE-10-02	18.40	26.00	7.60	Sh	1			wk early shr or soft sed deformation swirly at low <'s, at 20.0-20.6 minor angular to subrounded clastic texture
BCGE-10-02	33.50	34.50	1.00	Fr	1	60	50	tr hairline fr's w carb below one larger one 1cm
BCGE-10-02	44.50	46.00	1.50	Fr	0.5	45	45	tr hairline fr's w carb on em and ser 1cm wk around, below one larger one 1cm that is 10 cm below dike
BCGE-10-02	58.85	58.88	0.03	Fz	0.5	80	90	Minor carb and gouge, no wall altn
BCGE-10-02	60.00	63.00	3.00	S0	1	80	80	Thin purplish beige ser? altd bands and lams
BCGE-10-02	63.00	66.00	3.00	S0	1	80	60	Thin purplish beige ser? altd bands and lams
BCGE-10-02	66.00	67.00	1.00	S0	1	25	25	Thin purplish beige ser? altd bands and lams
BCGE-10-02	67.00	67.80	0.80	S0	1	25	65	Thin purplish beige ser? altd bands and lams
BCGE-10-02	68.40	69.20	0.80	S0	1	38	30	Thin purplish beige ser? altd bands and lams
BCGE-10-02	69.30	70.00	0.70	S0	1	60	56	Thin bands-poss fold axis
BCGE-10-02	70.00	73.00	3.00	S0	1	25	28	Thin purplish beige ser? altd bands and lams
BCGE-10-02	73.00	85.00	12.00	S0	1	60	60	Thin purplish beige ser? altd bands and lams
BCGE-10-02	85.00	94.50	9.50	S0	1	65	65	Thin purplish beige ser? altd bands and lams
BCGE-10-02	87.70	88.70	1.00	Fz	0.5	0	40	// with minor wht cly and carb on fr's
BCGE-10-02	105.50	108.00	2.50	S0	2	24	24	On sharp top ct's on gw beds ie tops downhole
BCGE-10-02	115.35	116.00	0.65	Sh	1	30	10	wk early shr or slump sed deformation
BCGE-10-02	117.00	132.00	15.00	S0	2	60	60	Good lams, bnds, and beds
BCGE-10-02	130.50	131.30	0.80	Sh	1	5	30	wk early shr @ 5deg w splays @30deg
BCGE-10-02	132.00	133.50	1.50	S0	1	0	0	Good lams. Poss fold axis?
BCGE-10-02	134.00	134.40	0.40	Sh	1	45	45	wk early shr or soft sed deformation, clastic in blk mtrx
BCGE-10-02	134.65	134.75	0.10	Fz	1	60	55	1x0.5, and 1x1cm bright wht carb/cly filled fr's, w no altn, brittle
BCGE-10-02	138.05	138.10	0.05	Fz	1	50	50	5cm of angular rubble (mostly 1-2cm frags) w thin coats of bright wht clay/carb, and mod ser altn for 10cm esp below
BCGE-10-02	139.30	140.20	0.90	Sh	1	5	5	wk early shr or soft sed deformation clastic @ 5deg
BCGE-10-02	142.70	151.40	8.70	S0	2	45	50	Good lams, bnds, and beds
BCGE-10-02	145.90	146.70	0.80	Sh	1	0	0	wk early shr // core w chl/po along it later used by carb filled fr
BCGE-10-03	0.00	8.50	8.50	Fr	0.5	50		Tr carb filled fr usu @ 50 deg
BCGE-10-03	0.00	8.50	8.50	S0	0.5	50	60	
BCGE-10-03	11.50	11.80	0.30	Fr	2	45	60	6x1-5mm carb fr's T ct w in dike
BCGE-10-03	11.80	16.00	4.20	Fr	2	70	50	Brittle carb fr's usu steep angles
BCGE-10-03	13.00	14.00	1.00	S0	1	0	0	

**Appendix A-7**  
**2010 Drill Logs - Structure Data - Page #3**

Hole_ID	From	To	Width	Str_Code	Intensity	HW_Dip	FW_Dip	Desc
BCGE-10-03	14.00	17.00	3.00	S0	1	35	35	
BCGE-10-03	16.00	24.00	8.00	Fr	1	70	50	Brittle carb fr's usu steep angles, as above but less abundant
BCGE-10-03	17.00	20.00	3.00	S0	1	40	40	
BCGE-10-03	17.90	17.95	0.05	Fz	1	35	35	Small ft, w minor carb and mud and 5cm shr // above
BCGE-10-03	35.50	35.70	0.20	Fr	3	70	30	Brittle carb fr's 5%x1-5mm, usu steep angles, quite intense
BCGE-10-03	44.00	45.00	1.00	S0	1	20	45	vague bedding
BCGE-10-03	44.85	45.85	1.00	Fr	1	70	90	Brittle carb fr's trx0.5-1mm, usu steep angles, quite intense
BCGE-10-03	45.00	48.50	3.50	S0	1	45	45	vague bedding
BCGE-10-03	45.85	46.00	0.15	Fr	3	70	90	Brittle carb fr's 7-10%x0.5-10mm, quite intense
BCGE-10-03	67.70	68.00	0.30	Fr	0.5	5	5	2xhairline fr's w carb on em
BCGE-10-03	68.00	70.50	2.50	S0	1	35	40	V thin purplish beige ser? altd bands and lams
BCGE-10-03	70.50	82.00	11.50	S0	1	65	65	V thin purplish beige ser? altd bands and lams
BCGE-10-03	72.80	72.81	0.01	Fz	0.5	70	70	1cm bright wht carb/cly filled tiny bx w tr py
BCGE-10-03	82.00	83.00	1.00	Fr	1	0	5	3-4 hairline fr's w carb/chl on em
BCGE-10-03	83.50	84.30	0.80	Fr	1	0	5	3-4 hairline fr's w carb/chl on em
BCGE-10-03	101.00	103.00	2.00	S0	2	50	50	Thin darker gry bands and lams
BCGE-10-03	103.00	105.00	2.00	S0	2	25	25	Thin darker gry bands and lams
BCGE-10-03	106.00	108.00	2.00	S0	2	0	0	Thin darker gry bands and lams
BCGE-10-03	108.00	110.00	2.00	S0	3	65	65	Thin darker gry bands and lams
BCGE-10-03	110.00	117.00	7.00	S0	3	50	50	Thin darker gry bands and lams
BCGE-10-03	117.00	121.00	4.00	S0	3	35	25	Thin darker gry bands and lams
BCGE-10-03	117.80	117.82	0.02	Fz	1	45	45	2cm bright wht carb/cly filled tiny bx w tr py
BCGE-10-03	120.00	120.25	0.25	Fz	1	30	30	3x0.25cm bright wht carb/cly filled tiny frags, nvs
BCGE-10-03	129.40	129.41	0.01	Fz	1	30	30	1x1cm bright wht carb/cly filled fr, w tiny bx, and burp brn rims (1cm). // to beds and dike ct
BCGE-10-03	149.50	150.55	1.05	Sh	2	30	40	Blk, early shr (soft sed?) in arg w 70% carb/chl altd clasts up to 5cm
BCGE-10-03	151.53	153.00	1.47	S0	2	50	12	Thin darker gry bands and lams
BCGE-10-03	153.00	154.30	1.30	S0	2	12	28	Thin darker gry bands and lams
BCGE-10-03	154.30	158.00	3.70	S0	2	45	60	Thin darker gry bands and lams
BCGE-10-03	158.00	162.90	4.90	S0	2	60	35	Thin darker gry bands and lams
BCGE-10-04	12.70	13.00	0.30	Fz	0.5	30	30	3-4 tiny carb filled fr's
BCGE-10-04	21.90	22.00	0.10	Fz	0.5	50	70	5-6x tiny muddy carb filled fr's
BCGE-10-04	22.30	23.00	0.70	Sh	2	35	45	wk early shr, or soft sed deformation, angular to subrounded clastic texture usu 1-2cm
BCGE-10-04	25.00	25.70	0.70	Sh	1	45	50	wk early shr, or soft sed deformation, subrounded clastic texture usu 2-4cm
BCGE-10-04	25.70	25.80	0.10	Fz	1	80	90	6xdiscs, and 1x0.5cm carb one
BCGE-10-04	29.70	35.30	5.60	S0	0.5	45	60	vague bedding
BCGE-10-04	46.70	46.80	0.10	Fz	1	50	50	Poss fault zone with 2-3cm rubble, minor mud and carb on fr's, angle is a guess
BCGE-10-04	52.70	52.75	0.05	Fz	1	50	50	Poss fault zone with 2-3cm rubble, minor mud and carb on fr's, angle a guess, some rusty carb ank (?) above and below for 30-40cm
BCGE-10-05	0.00	4.50	4.50	S0	0.2	35	60	V occ thin beige lams

**Appendix A-7**  
**2010 Drill Logs - Structure Data - Page #4**

Hole_ID	From	To	Width	Str_Code	Intensity	HW_Dip	FW_Dip	Desc
BCGE-10-05	4.50	19.20	14.70	S0	0.5	75	80	V occ thin beige lams
BCGE-10-05	19.45	19.70	0.25	Fz	2	35	35	Blk mud coated shr'd frags 60%x1cm oblong discs, and rest blk coated rubble 1-2cm, w vein at bot ct w dike
BCGE-10-05	20.00	20.20	0.20	Fz	2	25	25	Gry mud coated rubble 2-4cm
BCGE-10-05	21.50	22.80	1.30	Sh	2	50	50	Early soft sed, but now w carb ff's along it
BCGE-10-05	22.30	22.70	0.40	Fz	1	55	55	6x 1-2mm gry mud coated fr's
BCGE-10-05	28.40	29.00	0.60	Sh	2	35	35	Early soft sed deform
BCGE-10-05	55.40	55.80	0.40	Fz	1	5	10	Blk mud coated fr's
BCGE-10-05	63.20	63.35	0.15	Fz	1	35	35	1x0.5cm carb ff, w minor mud
BCGE-10-06	4.50	9.00	4.50	S0	0.2	75	75	V occ thin beige lams
BCGE-10-06	9.00	10.00	1.00	S0	0.2	65	65	V occ thin beige lams
BCGE-10-06	15.60	16.15	0.55	Fz	2			Partially rounded, broken rubble, with about 35cm of core lost.
BCGE-10-06	16.15	17.00	0.85	Fr	2	30	50	Bright white, clay/carb ff's 2x2cm, and rest <0.5cm leading into the dike.
BCGE-10-06	17.00	21.00	4.00	Fr	1		35	Fractured 1/10cm thru esp nr bot ct, and separate 3-4%x2-3mm, short (1cm), discontinuous carb (+/-) chl ff's
BCGE-10-06	20.30	27.00	6.70	S0	1	60	70	w-m lam'd w 20% thin beige lams and 1-2%x1-3mm wormy clots of carb/chl/po
BCGE-10-06	27.00	34.00	7.00	S0	1	40	50	w-m lam'd w 20% thin beige lams and 1-2%x1-3mm wormy clots of carb/chl/po
BCGE-10-06	34.00	39.50	5.50	S0	0.2	15	25	v wk thin lams
BCGE-10-06	39.50	46.00	6.50	S0	0.5	45	45	v wk lam'd w 5% thin beige lams and 3-5%x1-3mm wormy clots of carb/chl/po
BCGE-10-06	46.00	47.00	1.00	Fr	0.1	15	10	tr hairline white carb ff's ~// core
BCGE-10-06	64.00	64.10	0.10	Sh	2	60	60	Mod shr'd
BCGE-10-06	64.80	65.00	0.20	Sh	1	55	55	Wk shr'd
BCGE-10-06	72.50	73.20	0.70	S0	2	60	60	Lams
BCGE-10-07	7.20	8.00	0.80	S0	2	57	57	lams
BCGE-10-07	11.50	14.60	3.10	S0	1	55	50	lams and worms
BCGE-10-07	13.00	15.00	2.00	Fr	2.5	45	60	qtz/carb ff's lead into vn at bottom, w ser altn of carb worm margins
BCGE-10-07	16.20	17.90	1.70	Fz	2.5	0	10	Brittle fault zone, broken thru (largest 10cm to rubble), abundant cly/carb on low < frags, no altn
BCGE-10-07	18.90	21.60	2.70	Fr	0.5	60	60	tr qtz/carb ff's at high <'s, w no altn
BCGE-10-07	23.50	25.60	2.10	S0	0.5	35	30	lams
BCGE-10-07	24.10	24.60	0.50	Fr	2.5	45	60	qtz/carb ff's lead into vn at bottom, w ser altn of lams
BCGE-10-07	35.70	39.00	3.30	Fr	0.5	60	90	tr qtz/carb ff's at high <'s, w no assoc altn, below dike(?) surrounding 1x3cm carb/chl one at 36.3 (90deg), or surrounding:
BCGE-10-07	36.80	39.00	2.20	Fz	1	5	10	Brittle fault zone, broken thru (largest 20cm no rubble), no cly/carb on low < frags, no altn
BCGE-10-07	39.50	39.80	0.30	S0	1	35	40	lams
BCGE-10-07	50.20	50.30	0.10	S0	1	55	55	lams
BCGE-10-07	72.10	75.00	2.90	S0	1	50	20	lams
BCGE-10-07	79.00	85.00	6.00	S0	1	60	60	lams
BCGE-10-07	89.90	92.00	2.10	S0	1	60	70	lams
BCGE-10-07	95.00	97.00	2.00	S0	1	80	80	carb beds

**Appendix A-7**  
**2010 Drill Logs - Structure Data - Page #5**

Hole_ID	From	To	Width	Str_Code	Intensity	HW_Dip	FW_Dip	Desc
BCGE-10-07	99.50	100.00	0.50	S0	1	65	65	lams
BCGE-10-07	102.50	104.50	2.00	S0	1	55	55	lams
BCGE-10-07	109.70	110.00	0.30	S0	1	50	50	lams
BCGE-10-07	116.00	119.00	3.00	S0	1	90	80	lams
BCGE-10-07	119.00	120.00	1.00	S0	1	50	50	Lams
BCGE-10-07	120.00	122.00	2.00	S0	2	60	60	lams and bnds
BCGE-10-07	122.00	125.60	3.60	S0	2	70	90	lams and bnds
BCGE-10-07	125.60	129.00	3.40	S0	2	40	25	lams and bnds
BCGE-10-07	129.00	131.00	2.00	S0	2	25	25	lams and bnds
BCGE-10-07	131.00	135.00	4.00	S0	2	35	35	Good lams, bnds, and beds
BCGE-10-07	135.00	136.50	1.50	S0	1	0	0	Good lams. Poss fold axis?
BCGE-10-07	136.20	136.60	0.40	Fz	1	20	10	Slivers of frac'd rock w carb on frac
BCGE-10-07	136.50	145.00	8.50	S0	2	25	20	lams and bnds
BCGE-10-07	145.00	146.70	1.70	S0	1	0	0	Good lams. Poss fold axis?
BCGE-10-07	147.70	148.40	0.70	S0	0.5	50	50	lams
BCGE-10-07	152.50	155.00	2.50	S0	1	55	40	lams
BCGE-10-08	0.00	6.20	6.20	S0	1	50	70	V occ thin beige lams
BCGE-10-08	8.90	10.40	1.50	S0	1	60	60	V occ thin beige lams
BCGE-10-08	13.80	15.30	1.50	S0	1	40	40	V occ thin beige lams
BCGE-10-08	15.50	19.00	3.50	S0	1	90	90	V occ thin beige lams
BCGE-10-08	23.00	24.50	1.50	S0	1	25	25	V occ thin beige lams
BCGE-10-08	24.50	25.50	1.00	S0	1	0	0	V occ thin beige lams fold axis?
BCGE-10-08	31.70	34.70	3.00	S0	1	70	60	V occ thin beige lams
BCGE-10-08	34.20	34.21	0.01	Fz	3	32	32	One frac with tr carb on it and altn surrounding it
BCGE-10-08	34.70	36.27	1.57	S0	1	45	45	V occ thin beige lams
BCGE-10-09	1.70	2.00	0.30	S0	1	27	27	Thin beige lams
BCGE-10-09	5.50	6.00	0.50	S0	1	32	32	Thin beige lams
BCGE-10-09	56.00	57.90	1.90	Fz	1	5	5	Low angle frac w carb on them, and recrystallized on one frac and in wall rx around about 1-2cm in.
BCGE-10-09	67.20	67.25	0.05	Fz	3	60	60	Shr vn on fault w int ser altn around it for 20-30cm. Mostly qtz and minor bx with silic wall rock clasts, but 1cm rounded pe'latches of pure metallic allemontite?? Hard - looks like drilled out drill steel!
BCGE-10-09	67.48	67.50	0.02	Fz	3	20	20	Shr vn on fault w int ser altn around it for 20-30cm. Mostly qtz and more shr'd than above, w no bx, just silic wall rock slivers, rotated at 90 deg to the above shr vn, with silic, and qtz str, (tr Mn-carb?) as ext gashes between.
BCGE-10-10	3.00	5.00	2.00	S0	0.5	50	50	V occ thin beige lams
BCGE-10-10	36.55	36.65	0.10	Fz	3	35	35	Grn/gry muddy coated rubble, just above // vein
BCGE-10-11	12.90	15.50	2.60	S0	1	40	40	V occ thin beige lams
BCGE-10-11	15.50	20.00	4.50	S0	0.5	75	85	V occ thin beige lams
BCGE-10-11	20.00	25.50	5.50	S0	0.2	10	10	V vague lams

**Appendix A-7**  
**2010 Drill Logs - Structure Data - Page #6**

Hole_ID	From	To	Width	Str_Code	Intensity	HW_Dip	FW_Dip	Desc
BCGE-10-11	31.70	35.70	4.00	S0	0.5	60	60	V vague lams
BCGE-10-11	36.30	41.00	4.70	S0	0.5	60	60	V vague lams
BCGE-10-11	41.00	42.37	1.37	S0	0.5	25	25	V vague lams
BCGE-10-12	0.00	3.70	3.70	S0	0.5	35	35	Thin // fr's +/- shrs?
BCGE-10-12	4.50	5.30	0.80	S0	1	65	65	Thin beige lams
BCGE-10-12	13.10	21.00	7.90	S0	0.5	35	35	Vague lams
BCGE-10-12	23.50	28.00	4.50	S0	0.5	60	65	Vague lams
BCGE-10-12	31.00	33.00	2.00	S0	0.5	25	25	Vague lams
BCGE-10-12	33.00	33.90	0.90	S0	0.5	45	70	Vague lams
BCGE-10-12	39.25	39.30	0.05	Fz	3	45	45	Muddy coated, rounded rubble (no bit change), just above vn
BCGE-10-12	47.10	47.11	0.01	Fz	1	35	35	Tr mud coats rubble, and a carb filled fr
BCGE-10-12	49.00	49.90	0.90	S0	0.5	50	50	Vague lams
BCGE-10-13	0.00	7.30	7.30	S0	0.5	45	45	Thin // fr's, fol, +/- shrs?
BCGE-10-13	24.30	24.50	0.20	S0	2	0	0	Fold axis
BCGE-10-13	35.00	39.00	4.00	S0	0.5	60	65	Vague lams
BCGE-10-13	44.00	46.00	2.00	S0	0.1	25	25	Vague lams
BCGE-10-13	56.00	56.75	0.75	Fz	1	35	25	3 x muddy 3m fr's oblique to shr vns above, between, and below

**Appendix A-8**  
**2010 Drill Logs - Mineralization Data - Page #1**

Hole_ID	From	To	Width	Total_Sulph	Py	Aspy_Sb	Po	Occurr	Description
BCGE-10-01	0.0	9.9	9.85	1			1	msv	small msv clots in center of cc chl altn, and along fr
BCGE-10-01	9.9	13.4	3.55	2.5			2.5	diss	Non-magnetic po 1-2% is in roundish clots (2mm), and v fgr diss thru
BCGE-10-01	13.4	16.3	2.90	1			1	msv	small msv clots in center of cc chl altn, and along fr
BCGE-10-01	17.7	18.4	0.70	1	1				small clots along tiny carb fracs esp extentional ones T to Shr
BCGE-10-01	18.4	26.2	7.80	2	1		1	diss	tiny py diss irreg in arg, and clots of po ass w carb turds
BCGE-10-01	26.2	28.8	2.60	4	2		2	diss	tiny py/po (1-2mm) diss along shr, and in 1mm carb ff's
BCGE-10-01	28.8	43.3	14.50	5.5	5		0.5		with chl in tiny swirls
BCGE-10-01	43.3	48.3	5.00	3	3			diss	esp in remnant fld centers
BCGE-10-01	51.9	52.1	0.25	0.5	0.5				tr only
BCGE-10-01	52.1	61.2	9.10	0.5	0.5				tr only, and mostly in the odd v small shr
BCGE-10-01	61.2	61.3	0.10	6	3		3		Diss po and py in dsrupted section at ct of arg and gw
BCGE-10-01	61.3	85.0	23.70	3			3		Occ massive po clots 2-3%x3-(25mm) (roundish - after marcasite nudules?), and occ 1mm thin individual lams of po along bedding, often stretched +/- micro folded +/-offset
BCGE-10-01	85.0	118.0	33.00	1			1		No more nodules, but still occ 1mm thin individual lams and speck remnants of po along bedding, often stretched +/- micro folded +/-offset
BCGE-10-01	118.0	132.7	14.70	2			2		Po within calc silicate "worms" 5%x2-3mm at all <'s
BCGE-10-01	132.7	139.4	6.70	0.5			0.5		tr diss
BCGE-10-01	139.4	152.3	12.90	1			1		1% overall, almost all in the calc-sil w the pale grn mineral ch?
BCGE-10-01	152.3	161.0	8.70	0.5			0.5		tr only po in occ stringers
BCGE-10-01	171.3	172.1	0.80	3			3	diss	Fgr diss in mtrx, and coarser around pebbles
BCGE-10-01	172.1	173.8	1.70	4	3		1	diss	Ex fgr diss thru
BCGE-10-01	173.8	176.7	2.90	6.5	5.5		1	diss	Fgr diss thru, with cubic 0.5mm py
BCGE-10-01	176.7	176.8	0.10	0				msv	1x~1.5cm clot or "pseudoclast" of wirey pale yellow visible gold in roscoellite
BCGE-10-01	176.8	177.3	0.45	6	1		5	diss	diss silver Po (magnetic) with msv occuring around clasts and fractures
BCGE-10-01	177.3	177.4	0.10	0				msv	clots of pale yellow fine visible gold with roscolite. 1-2mm elongated wire gold
BCGE-10-01	177.4	177.7	0.31	1		1			fg silver mineral diss, no visible gold
BCGE-10-01	177.7	177.9	0.24	7	1	1	5	diss	fg silver Po concentrated along edges of clasts but not as prevalent in the clast it self with minor py.
BCGE-10-01	177.9	183.3	5.40	4			4	clot	
BCGE-10-01	183.3	188.9	5.64	1	1			diss	v fgr diss
BCGE-10-02	0	9.45	9.45	1			1	msv	small msv clots in center of carb worms altn, and tr along fr
BCGE-10-02	9.45	12.2	2.75	3			3	diss	Non-magnetic po 2-4% is in roundish clots (2mm), and v fgr diss thru
BCGE-10-02	12.20	14.50	2.30	1.5	0.5		1	msv	small msv clots in center of carb worms altn, and tr along fr
BCGE-10-02	18.40	26.00	7.60	1			1		small msv clots in center of carb worms altn, and tr along fr
BCGE-10-02	25.00	33.00	8.00	1.5	0.5		1	diss	small wisps slightly folded along bedding? In massive blk arg
BCGE-10-02	34.90	35.60	0.70	1.5	0.5		1	diss	small msv clots in center of carb worms altn, and tr along fr, odd coarser py fleck w po
BCGE-10-02	33.00	43.3	10.30	5.5	5		0.5		with chl in tiny swirls
BCGE-10-02	39.60	44.5	4.90	3			3	diss	Non-magnetic po 2-4% is in round clots ass w mafic min (1-2mm), and v fgr diss thru
BCGE-10-02	44.50	48.7	4.20	0.5			0.5	wisps	small wisps slightly folded along bedding? In massive blk arg after marcasite?
BCGE-10-02	60.90	67.80	6.90	0.5			0.5	wisps	small wisps slightly folded along bedding? In massive blk arg after marcasite?
BCGE-10-02	67.80	94.5	26.70	1.5	0.5		1	diss	small msv clots in center of carb worms altn, and tr along fr, odd coarser py fleck w po
BCGE-10-02	94.50	100.4	5.90	0.5			0.5	wisps	small wisps slightly folded along bedding? In massive blk arg after marcasite?

**Appendix A-8**  
**2010 Drill Logs - Mineralization Data - Page #2**

Hole_ID	From	To	Width	Total_Sulph	Py	Aspy_Sb	Po	Occurr	Description
BCGE-10-02	100.40	113.2	12.80	1.5	0.5		1	diss	along both regular and shr'd up dislocated carb "worms" and along early fr's
BCGE-10-02	115.35	121.1	5.73	1.5	0.5		1	diss	along both regular and shr'd up dislocated carb "worms" and along early fr's
BCGE-10-02	121.08	121.1	0.02	80			80	msv	Msv po in a band // beds, w net tex around holes "swiss cheese"
BCGE-10-02	121.1	140.5	19.41	1.5	0.5		1	diss	along both regular and shr'd up dislocated carb "worms" and along early fr's
BCGE-10-02	142.70	151.40	8.70	0.5			0.5	diss	clots one shr, and v occ dislocated carb "worms", and along late fr's
BCGE-10-02	151.40	158.1	6.65	3	3			diss	finely, evenly in small equigranular, 0.5mm specks
BCGE-10-03	0	8.5	8.50	2			2	msv	small msv clots in center of carb worms altn, and tr along fr, and in v occ clots after marcasite?
BCGE-10-03	8.50	11.8	3.30	3.5	0.5		3	diss	Non-magnetic po (2-4%x2mm) is in roundish dots w wht carb or blk rims, and v fgr diss thru
BCGE-10-03	12.20	14.50	2.30	1.5	0.5		1	msv	small msv clots in center of carb worms altn, and tr along fr
BCGE-10-03	18.40	26.00	7.60	2			2		small msv clots in center of carb worms altn, and tr along fr
BCGE-10-03	26.00	39.00	13.00	1			1	diss	Odd clots and occ fr's
BCGE-10-03	39.00	43.00	4.00	1.5	0.5		1	diss	Magnetic po 2-4% is in round clots w lt rx rims 2-5mm, and v fgr diss thru
BCGE-10-03	43.00	48.8	5.80	6	5		1		small wisps occ slightly folded along bedding(?), after marcasite(?), and on the od fr
BCGE-10-04	0	10.3	10.30	2			2	msv	small msv clots in carb worms and swirls, and tr along fr
BCGE-10-04	10.30	17	6.70	1.5	0.5		1	diss	small wisps slightly folded along bedding? In massive blk arg
BCGE-10-04	17.00	25.10	8.10	2			2	msv	small msv clots in center of carb worms altn, and tr along fr
BCGE-10-04	29.70	35.30	5.60	1			1	msv	small msv clots in center of carb swirls, and tr along fr
BCGE-10-04	42.00	44.20	2.20	4	2		2	diss	magnetic po and py both 1-2% in roundish clots (2-3mm) some w carb rims, and v fgr diss thru
BCGE-10-04	57.00	57.20	0.20	5	5			diss	Ggr 2-3mm clots of recrystalized (?) py
BCGE-10-04	57.20	64.92	7.72	1			1	diss	Fine, wispy and diss po along lams, and in tiny carb/ser (no chl) worms defining a consistent bedding,
BCGE-10-04	43.40	43.51	0.11	1	0.5	0.5		diss	Vfgr in vein
BCGE-10-04	51.30	51.90	0.60	1	0.5	0.5		diss	Vfgr in vein
BCGE-10-04	56.11	56.18	0.07	1	0.5	0.5		diss	Vfgr in vein
BCGE-10-05	0.00	19.45	19.45	1.5			1.5	clots	Occ clots along banding, and in carb swrls. 1x1cm bnd after marcasite semi-massive @ 5.0m
BCGE-10-05	19.70	21.15	1.45	5	5			diss	Occ roundish dots after mafic 2mm, mostly vfgr diss and along chl hair ff's
BCGE-10-05	21.15	25.00	3.85	1			1	clots	Clots in carb/chl swirls and worms
BCGE-10-05	25.00	28.00	3.00	1			1	diss	Fgr wisps (after marcasite?) along lams and some fr's
BCGE-10-05	28.00	32.00	4.00	1			1	clots	Clots in carb/chl swirls and worms
BCGE-10-05	32.00	40.50	8.50	1			1	diss	Fgr wisps (after marcasite?) along lams and some fr's
BCGE-10-05	40.50	50.50	10.00	1			1	clots	Clots in carb/chl swirls and worms
BCGE-10-05	50.50	53.40	2.90	1			1	diss	Fgr wisps (after marcasite?) along lams and some fr's
BCGE-10-05	53.40	54.00	0.60	2	0.5	1.5		diss	Vfgr diss, esp along vn margins
BCGE-10-05	54.00	56.00	2.00	1			1	clots	Clots in carb/chl swirls and worms
BCGE-10-05	56.00	64.87	8.87	1			1	diss	Fgr wisps (after marcasite?) along lams and some fr's
BCGE-10-06	0.00	17.00	17.00	3	0.5		2.5	clots	Occ clots po along bandingin arg, and py usu in middle of carb swrls
BCGE-10-06	17.00	20.30	3.30	5	2		3	diss	Occ roundish dots of po (after mafics? 2mm), but mostly vfgr diss w/py +/- along carb>>chl hair ff's
BCGE-10-06	20.30	33.10	12.80	3	0.5		2.5	clots	Occ clots po along bandingin arg, and py usu in middle of carb swrls
BCGE-10-06	33.10	39.50	6.40	1			1	diss	Fgr wisps (after marcasite?) along lams and some fr's
BCGE-10-06	39.50	46.50	7.00	2.5	0.5		2	clots	Clots in carb/chl swirls and worms
BCGE-10-06	46.50	49.70	3.20	1.3	0.3		1	diss	Fgr wisps (after marcasite?) along lams and some fr's
BCGE-10-06	49.70	54.80	5.10	2	0.5		1.5	clots	Clots in carb/chl swirls and worms



**Appendix A-8**  
**2010 Drill Logs - Mineralization Data - Page #3**

Hole_ID	From	To	Width	Total_Sulph	Py	Aspy_Sb	Po	Occurr	Description
BCGE-10-06	54.80	64.00	9.20	1.1	0.1		1	blobs	1% po in wisps and blobs (<1cm) occ w tr py.
BCGE-10-06	53.40	54.00	0.60	2	0.5	1.5		diss	Vfgr diss, esp along vn margins
BCGE-10-06	54.00	56.00	2.00	1			1	clots	Clots in carb/chl swirls and worms
BCGE-10-06	56.00	64.80	8.80	1			1	diss	Fgr wisps (after marcasite?) along lams and some fr's
BCGE-10-06	64.80	70.5	5.70	1.5	1		0.5	clots	Along w carb mostly
BCGE-10-06	72.50	82.85	10.35	0.5	0.5			diss	Tr py in occ ser alt'd clasts, or along margins
BCGE-10-06	89.30	92.35	3.05	0.5	0.5			diss	Tr py along w ser altn
BCGE-10-07	0	8.7	8.70	1.5			1.5	msv	small msv clots in center of carb blobs, and tr along fr
BCGE-10-07	8.70	11.45	2.75	3			3	diss	Non-magnetic po 2-4% is in roundish clots (1mm), and v fgr diss thru
BCGE-10-07	11.45	15.00	3.55	2.5	1		1.5	msv	small msv clots of po along carb worms, and occ lams w tr py
BCGE-10-07	18.40	21.20	2.80	0.5			0.5	diss	Traces of po and py along hair ff's and diss
BCGE-10-07	21.20	26.20	5.00	1.5	0.5		1	diss	Traces of po and py ass w early carb shrs, a bit coarser than above
BCGE-10-07	26.20	31.00	4.80	0.5			0.5	diss	Traces of po and py along hair ff's and diss
BCGE-10-07	31.00	35.30	4.30	3			3	diss	Strongly magnetic po 2-4% fgr diss clots ass w mafic min (1-2mm), and v fgr diss thru
BCGE-10-07	35.30	61.20	25.90	2.5			2.5	diss	2-3% po is along lams, or in T, discontinuous extention ff's, or v occ blobs <1.5cm
BCGE-10-07	72.10	106	33.90	0.5			0.5	wisps	Discontinuous tiny ff's T lams, and small wisps slightly folded along bedding? In massive blk arg after marcasite?
BCGE-10-07	106.00	111.30	5.30	1			1	wisps	mostly small clots in carb>chl
BCGE-10-07	111.40	119.8	8.40	1			1	wisps	mostly small clots in carb>chl
BCGE-10-07	119.80	135	15.20	0.1			0.1	wisps	mostly small clots in carb>>>chl ext vnlets
BCGE-10-07	135.00	146	11.00	0.1			0.1	diss	Trace only in discontinuous tiny ff's T lams, and small wisps
BCGE-10-07	148.40	149.4	1.00	2			2	diss	Vv fgr diss 2%??, po only vis by magnet
BCGE-10-07	152.00	160.8	8.80	0.5			0.5	msv	Tr clots in w carb/chl clots toward the bottom
BCGE-10-08	0.00	6.20	6.20	1.5			1.5	clots	Occ small (1-3mm) clots along lams and v occ carb lam
BCGE-10-08	6.20	8.90	2.70	4			4.0	diss	Finely diss, py?
BCGE-10-08	8.90	10.40	1.50	1			1.0	clots	Mostly in tiny, discontinuous 1cm ff's
BCGE-10-08	10.40	13.80	3.40	1.5			1.5	diss	Finely diss, py?
BCGE-10-08	13.80	36.27	22.47	1			1.0	clots	Mostly in tiny, discontinuous 1cm ff's
BCGE-10-09	0.00	7.50	7.50	2	0.5		1.5	ff's	Small (1-3mm) ff's and along lams, and py in 1x10cm carb bed
BCGE-10-09	7.50	15.65	8.15	3	3			diss	Finely diss, and up to 1mm occ py
BCGE-10-09	15.65	36.00	20.35	0.6	0.1		0.5	ff's	Small (1-3mm) ff's and along lams
BCGE-10-09	56.00	65.00	9.00	2	2			diss	Patches of <1mm cubes (recrystallized?) along, and nr flat fault fracs, and patches of same 3-5cm thru.
BCGE-10-10	0.00	5.00	5.00	1			1	clots	Occ clots along carb shrs, and in fine, discontinuous, hair fr's
BCGE-10-10	5.00	8.35	3.35	3	3			diss	Rounded clots 1mm and fgr diss
BCGE-10-10	8.35	10.40	2.05	0.5			0.5	clots	Occ fine, discontinuous, hair fr's
BCGE-10-10	10.40	13.95	3.55	3	3			diss	Rounded clots 1mm and fgr diss
BCGE-10-10	13.95	56.08	42.13	0.2			0.2	diss	Occ v tiny clots and diss along carb shrs, in fine, discontinuous, hair fr's, and one blob 0.5x3cm at 50.9
BCGE-10-11	0.00	6.95	6.95	1.5			1.5	clots	Most po is in tiny (<1mm), discontinuous, extention, hairline ff's or along lams?
BCGE-10-11	6.95	12.90	5.95	5	5			diss	Occ roundish dots (<1mm), but mostly vfgr diss and along chl hair ff's
BCGE-10-11	12.90	42.37	29.47	1.5			1.5	clots	Fgr wisps and tiny ff's (after marcasite?), and along lams
BCGE-10-11	35.70	35.74	0.04	10	3	7		diss	Needles (2-3%) of gold up to 2mm long around and mixed with crystals of Aspy, as well as fgr in roscoelite.
BCGE-10-12	0.00	6.95	6.95	1.5			1.5	clots	Most po is in tiny (<1mm), discontinuous, extention, hairline ff's or along lams?

**Appendix A-8**  
**2010 Drill Logs - Mineralization Data - Page #4**

Hole_ID	From	To	Width	Total_Sulph	Py	Aspy_Sb	Po	Occurr	Description
BCGE-10-12	5.30	13.10	7.80	3	3			diss	Occ roundish dots (<1mm), but mostly vfgr diss and along chl hair ff's
BCGE-10-12	13.10	21.00	7.90	1.5			1.5	clots	Most po is in tiny (<1mm), discontinuous, extention, hairline ff's or along lams?
BCGE-10-12	24.00	49.90	25.90	0.5			0.5	diss	Most po is in tiny (<1mm), discontinuous, extention, hairline ff's or along occ lams w tr in carb beds
BCGE-10-12	36.00	47.00	11.00	0.5			0.5	diss	Py cubes (vfgr-1mm cubes) is diss sporadically around micro fr's (?), in patches (3-10cm) about every 50cm
BCGE-10-13	0.00	7.30	7.30	1			1	clots	Most po is in tiny (<1mm), discontinuous, extention, hairline ff's or along lams?
BCGE-10-13	7.30	14.40	7.10	3	3			diss	Occ roundish dots (<1mm), but mostly vfgr diss
BCGE-10-13	14.40	39.50	25.10	0.5			0.5	clots	Rare po is in tiny (<1mm), discontinuous, extention, hairline ff's or along carb
BCGE-10-13	48.50	65.23	16.73	0.5			0.5	diss	Most po is in tiny (<1mm), discontinuous, extention, hairline ff's or along occ lams w tr in carb beds
BCGE-10-13	59.00	64.00	5.00	0.5			0.5	diss	Py cubes (vfgr-1mm cubes) is diss sporadically around micro fr's (?), in patches (3-10cm) about every 50cm

**Appendix A-9**  
**2010 Drill Logs - Sample Data - Page #1**

Hole_ID	From	To	Width	Samp_ID	Sample_Type	Duplicate_Of	Standard_Code
BCGE-10-01	12.40	12.90	0.50	7R50763			
BCGE-10-01	12.90	13.40	0.50	7R50764			
BCGE-10-01	26.20	27.00	0.80	7R50765			
BCGE-10-01	46.70	47.70	1.00	7R50766			
BCGE-10-01	50.00	50.65	0.65	7R50767			
BCGE-10-01	51.85	52.10	0.25	7R50768			
BCGE-10-01			0.00	7R50769	Blank		
BCGE-10-01	149.60	150.10	0.50	7R50770			
BCGE-10-01	150.10	150.60	0.50	7R50771			
BCGE-10-01	163.30	163.80	0.50	7R50772			
BCGE-10-01	175.10	176.10	1.00	7R50751			
BCGE-10-01			0.00	7R50752	Standard		7Pb
BCGE-10-01	176.10	176.70	0.60	7R50753			
BCGE-10-01	176.70	176.83	0.13	7R50754			
BCGE-10-01			0.00	7R50755	Blank		
BCGE-10-01	176.83	177.25	0.42	7R50756			
BCGE-10-01	177.25	177.66	0.41	7R50757			
BCGE-10-01			0.00	7R50758	Blank		
BCGE-10-01	177.66	177.90	0.24	7R50759			
BCGE-10-01	177.90	178.40	0.50	7R50760			
BCGE-10-01			0.00	7R50761	Standard		61d
BCGE-10-01	178.40	179.40	1.00	7R50762			
BCGE-10-02	13.25	14.25	1.00	7R50773			
BCGE-10-02	47.60	47.75	0.15	7R50774			
BCGE-10-03	10.95	11.45	0.50	7R50775			
BCGE-10-03			0.00	7R50776	Standard		61d
BCGE-10-03	11.45	11.80	0.35	7R50777			
BCGE-10-03	11.80	12.60	0.80	7R50778			
BCGE-10-03	12.60	13.40	0.80	7R50779			
BCGE-10-03	13.40	13.55	0.15	7R50780			
BCGE-10-03	13.55	14.05	0.50	7R50781			
BCGE-10-03	45.50	46.00	0.50	7R50782			
BCGE-10-03	46.00	46.30	0.30	7R50783			
BCGE-10-03			0.00	7R50784	Standard		7Pb
BCGE-10-03	46.30	46.80	0.50	7R50785			
BCGE-10-03	46.30	46.80	0.50	7R50786	Duplicate	50785	
BCGE-10-03	86.50	87.00	0.50	7R50787			
BCGE-10-03	148.00	149.00	1.00	7R50788			
BCGE-10-03	149.00	149.50	0.50	7R50789			
BCGE-10-03	149.50	149.95	0.45	7R50790			
BCGE-10-03	149.95	150.55	0.60	7R50791			
BCGE-10-03			0.00	7R50792	Standard		61d
BCGE-10-03	150.55	151.30	0.75	7R50793			
BCGE-10-03	151.30	151.53	0.23	7R50794			
BCGE-10-03			0.00	7R50795	Blank		
BCGE-10-03	151.53	152.03	0.50	7R50796			
BCGE-10-04	41.00	41.70	0.70	7R50797			
BCGE-10-04	41.70	42.00	0.30	7R50798			
BCGE-10-04	42.00	43.30	1.30	7R50799			
BCGE-10-04			0.00	7R50800	Standard		7Pb
BCGE-10-04			0.00	7R50801	Duplicate	50799	
BCGE-10-04	43.30	43.70	0.40	7R50802			
BCGE-10-04	43.70	44.20	0.50	7R50803			
BCGE-10-04	44.20	44.85	0.65	7R50804			
BCGE-10-04	44.85	45.75	0.90	7R50805			

**Appendix A-9**  
**2010 Drill Logs - Sample Data - Page #2**

Hole_ID	From	To	Width	Samp_ID	Sample_Type	Duplicate_Of	Standard_Code
BCGE-10-04	45.75	46.65	0.90	7R50806			
BCGE-10-04	46.65	47.55	0.90	7R50807			
BCGE-10-04			0.00	7R50808	Standard		61d
BCGE-10-04	47.55	48.20	0.65	7R50809			
BCGE-10-04	48.20	49.10	0.90	7R50810			
BCGE-10-04	49.10	50.00	0.90	7R50811			
BCGE-10-04	50.00	50.80	0.80	7R50812			
BCGE-10-04	50.80	51.30	0.50	7R50813			
BCGE-10-04	51.30	51.90	0.60	7R50814			
BCGE-10-04			0.00	7R50815	Blank		
BCGE-10-04			0.00	7R50816	Standard		7Pb
BCGE-10-04	51.90	52.10	0.20	7R50817			
BCGE-10-04	52.10	52.50	0.40	7R50818			
BCGE-10-04	52.50	53.30	0.80	7R50819			
BCGE-10-04	53.30	54.30	1.00	7R50820			
BCGE-10-04	54.30	55.00	0.70	7R50821			
BCGE-10-04	55.00	55.80	0.80	7R50822			
BCGE-10-04	55.80	56.50	0.70	7R50823			
BCGE-10-04			0.00	7R50824	Standard		61d
BCGE-10-04	58.90	59.40	0.50	7R50825			
BCGE-10-04			0.00	7R50826	Duplicate	50820	
BCGE-10-05	19.20	19.45	0.25	7R50827			
BCGE-10-05	19.45	19.70	0.25	7R50828			
BCGE-10-05	19.70	20.50	0.80	7R50829			
BCGE-10-05	20.50	21.15	0.65	7R50830			
BCGE-10-05	31.10	31.75	0.65	7R50831			
BCGE-10-05			0.00	7R50832	Standard		61d
BCGE-10-05	38.60	39.45	0.85	7R50833			
BCGE-10-05	39.45	40.40	0.95	7R50834			
BCGE-10-05	40.40	40.90	0.50	7R50835			
BCGE-10-05			0.00	7R50836	Blank		
BCGE-10-05	44.70	45.60	0.90	7R50837			
BCGE-10-05	45.60	46.20	0.60	7R50838			
BCGE-10-05	46.20	46.70	0.50	7R50839			
BCGE-10-05			0.00	7R50840	Standard		7Pb
BCGE-10-05	46.70	47.20	0.50	7R50841			
BCGE-10-05	47.20	48.00	0.80	7R50842			
BCGE-10-05	48.00	48.60	0.60	7R50843			
BCGE-10-05	48.60	49.20	0.60	7R50844			
BCGE-10-05	49.20	49.90	0.70	7R50845			
BCGE-10-05	53.00	53.40	0.40	7R50846			
BCGE-10-05			0.00	7R50847	Duplicate	50846	
BCGE-10-05			0.00	7R50848	Standard		61d
BCGE-10-05	53.40	54.00	0.60	7R50849			
BCGE-10-05	54.00	54.50	0.50	7R50850			
BCGE-10-05	54.50	55.10	0.60	7R50851			
BCGE-10-05	55.10	55.80	0.70	7R50852			
BCGE-10-06	49.70	50.15	0.45	7R52001			
BCGE-10-06	50.15	50.50	0.35	7R52002			
BCGE-10-06	50.50	51.05	0.55	7R52003			
BCGE-10-06	51.05	51.50	0.45	7R52004			
BCGE-10-06			0.00	7R52005	Standard		61d
BCGE-10-06	64.10	64.80	0.70	7R52006			
BCGE-10-06	74.85	75.30	0.45	7R52007			
BCGE-10-06	75.30	76.40	1.10	7R52008			

**Appendix A-9**  
**2010 Drill Logs - Sample Data - Page #3**

Hole_ID	From	To	Width	Samp_ID	Sample_Type	Duplicate_Of	Standard_Code
BCGE-10-06	76.40	77.50	1.10	7R52009			
BCGE-10-06			0.00	7R52010	Standard		7Pb
BCGE-10-06	77.50	78.60	1.10	7R52011			
BCGE-10-06	77.50	78.60	1.10	7R52012	Duplicate	52011	
BCGE-10-06	78.60	79.10	0.50	7R52013			
BCGE-10-06	79.10	79.70	0.60	7R52014			
BCGE-10-06	79.70	80.40	0.70	7R52015			
BCGE-10-06	80.40	80.90	0.50	7R52016			
BCGE-10-06			0.00	7R52017	Standard		61d
BCGE-10-06	80.90	81.85	0.95	7R52018			
BCGE-10-06			0.00	7R52019	Blank		
BCGE-10-06	81.85	82.85	1.00	7R52020			
BCGE-10-06	89.65	90.20	0.55	7R52021			
BCGE-10-07	13.40	14.00	0.60	7R52022			
BCGE-10-07	14.00	14.65	0.65	7R52023			
BCGE-10-07	14.65	15.00	0.35	7R52024			
BCGE-10-07	15.00	15.35	0.35	7R52025			
BCGE-10-07			0.00	7R52026	Standard		7Pb
BCGE-10-07	24.15	24.50	0.35	7R52027			
BCGE-10-07	150.00	150.15	0.15	7R52028			
BCGE-10-07	152.65	153.00	0.35	7R52029			
BCGE-10-07	153.00	153.45	0.45	7R52030			
BCGE-10-07			0.00	7R52031	Blank		
BCGE-10-07	153.45	153.85	0.40	7R52032			
BCGE-10-08			0.00	7R52033	Standard		61d
BCGE-10-08	31.50	32.00	0.50	7R52034			
BCGE-10-08	32.00	32.50	0.50	7R52035			
BCGE-10-08	32.50	33.15	0.65	7R52036			
BCGE-10-08	33.15	33.75	0.60	7R52037			
BCGE-10-09			0.00	7R52038	Standard		61d
BCGE-10-09	66.45	67.15	0.70	7R52039			
BCGE-10-09			0.00	7R52040	Duplicate	52039	
BCGE-10-09	67.15	67.50	0.35	7R52041			
BCGE-10-09	67.50	68.00	0.50	7R52042			
BCGE-10-09	68.00	68.70	0.70	7R52043			
BCGE-10-09	68.70	69.40	0.70	7R52044			
BCGE-10-09	69.40	69.90	0.50	7R52045			
BCGE-10-09	69.90	70.30	0.40	7R52046			
BCGE-10-09			0.00	7R52047	Blank		
BCGE-10-09			0.00	7R52048	Standard		7Pb
BCGE-10-09	70.30	70.90	0.60	7R52049			
BCGE-10-09	70.90	71.40	0.50	7R52050			
BCGE-10-10	36.40	36.65	0.25	7R52051			
BCGE-10-10	36.65	36.90	0.25	7R52052			
BCGE-10-10	36.90	37.40	0.50	7R52053			
BCGE-10-10	36.90	37.40	0.50	7R52054	Duplicate	52053	
BCGE-10-10			0.00	7R52055	Standard		61d
BCGE-10-11	35.20	35.70	0.50	7R52056			
BCGE-10-11	35.70	36.05	0.35	7R52057			
BCGE-10-11			0.00	7R52058	Blank		
BCGE-10-11	36.05	36.25	0.20	7R52059			
BCGE-10-11	36.25	36.70	0.45	7R52060			
BCGE-10-11			0.00	7R52061	Standard		7Pb
BCGE-10-12	38.70	39.30	0.60	7R52062			
BCGE-10-12	39.30	39.65	0.35	7R52063			

**Appendix A-9**  
**2010 Drill Logs - Sample Data - Page #4**

Hole_ID	From	To	Width	Samp_ID	Sample_Type	Duplicate_Of	Standard_Code
BCGE-10-12	39.65	40.00	0.35	7R52064			
BCGE-10-12			0.00	7R52065	Duplicate	52062	
BCGE-10-12	40.00	40.25	0.25	7R52066			
BCGE-10-12			0.00	7R52067	Standard		61d
BCGE-10-12	40.25	40.60	0.35	7R52068			
BCGE-10-13	54.00	55.00	1.00	7R52069			
BCGE-10-13	55.00	56.20	1.20	7R52070			
BCGE-10-13	56.20	56.75	0.55	7R52071			
BCGE-10-13			0.00	7R52072	Standard		7Pb
BCGE-10-13	56.75	57.25	0.50	7R52073			

**Appendix A-10**  
**Alteration Data - Page #1**

Hole ID	From	To	Width	Si	Carb	Calc-S	HfIs	Chl	Clay	Ser	Py	Desc
BCGE-10-01	0.00	9.85	9.85			1				0.5		Minor sericite along some beds (originally coarser material?)
BCGE-10-01	13.15	13.25	0.10					2	1.5			
BCGE-10-01	9.85	13.15	3.30						1			Wk cly altn thru
BCGE-10-01	17.80	18.20	0.40		2					2		Beige - tan ser altn in shr fades out, but tiny (<1mmx 3-5mm) carb frags both // and cross (extention) in and below for 40 cm further
BCGE-10-01	26.20	28.80	2.60		2					2		Beige - tan ser altn along shr, with tiny (<1mmx 2mm) carb clots (not really frags here)
BCGE-10-01	36.80	37.00	0.20			2						Compositional bndng (2-7mm) green, beige, and carb bands
BCGE-10-01	43.30	48.30	5.00					0.5	0.5			Dike is quite fresh - but otherwise looks like "Rhyolite dike"
BCGE-10-01	49.10	50.00	0.90					1				
BCGE-10-01	50.00	50.65	0.65					2		1		Patchy in the shr, clotty 2-3mm in the marginal veins
BCGE-10-01	50.65	51.50	0.85					1				Perv
BCGE-10-01	51.85	52.10	0.25							2		Btwn veins
BCGE-10-01	115.00	145.00	30.00						1			Bright wht cly/carb on fractures, esp in flt'd sections
BCGE-10-01	147.80	149.60	1.80		1							micro frags
BCGE-10-01	148.50	150.60	2.10		1			2	2	2		V pale grn mineral (hi-mg chl?)>> darker green mineral> silvery blk mineral>po all rimming qtz
BCGE-10-01	152.30	161.00	8.70		1	1		0.5	0.5	0.5		2-3% Drk blu/grn to blk mineral > rounded "oolitic" carb in small str's w tr po @ all <'s mostly in gw
BCGE-10-01	163.25	164.00	0.75					0.1				Tr tiny chl clots after mafic?
BCGE-10-01	169.00	172.10	3.10		0.5					1		mtrx carb, and on fr's, and perv ser esp noticeable on some clast rims
BCGE-10-01	173.80	176.70	2.90		1					1	5	carb on 1-2mm fr's (usu 65deg), and ser thru, less in arg
BCGE-10-01	176.70	176.80	0.10	3	1					1		med gn colour mineral (wk roscolite) with VG overprint. Light gn mineral with no mineralization. Clasts within qtz vn altered to sericite with minor cc on frags
BCGE-10-01	176.80	177.23	0.43		1					3		pale yellow colour carb along frags (ankerite), lt gn colour mineral with quartz stringers
BCGE-10-01	177.23	177.46	0.23	1	1					1		minor roscolite-Au (dk gn blebs) diss at 60 deg angle over 1cm. Pale yellow carb on frags, sericite altered clasts. Small vug of bladed cc replaced by silica
BCGE-10-01	177.46	177.90	0.44		2			1		1		Carb stringers (some pale yellow) throughout at various orientations. Minor chl along frags. Lt gn mineral with carb stringers. Diss Po throughout (secondary?)
BCGE-10-01	177.90	183.30	5.40		1	1		3				Mircro Carb stringers (less pale yellow carb) throughout. Minor calc-si along general orientation of beds (40 deg). Chl along frags and
BCGE-10-01	183.30	188.94	5.64		1			1			1	Carb in hairline ff's, chl as wash over 50%, and py v fgr diss
BCGE-10-02	0.00	9.45	9.45			1				0.5		V wk, minor sericite along some vague bands (originally coarser material?), and wormy mostly 2-4mm CS mostly bedding // and T
BCGE-10-02	9.45	12.20	2.75						1			Wk cly altn thru
BCGE-10-02	12.20	12.40	0.20							2		Wk ser altn next to dike down to next wormy carb
BCGE-10-02	12.20	14.50	2.30		1.5	1.5		1.5		0.5		(wormy) to swirly clots of carb/chl usu w some ass massive po clots, argins of purp brn ser early soft sed def ass w wk shr
BCGE-10-02	18.40	26.00	7.60		2	2		2		0.5		(wormy) to swirly clots of carb/chl usu w some ass massive po clots, margins of purp brn ser early soft sed def ass w wk shr
BCGE-10-02	34.90	35.60	0.70		2	2		2		2		(wormy) to swirly clots of carb/chl usu w some ass massive po clots, margins of purp brn ser early soft sed def ass w wk shr more ser altn here
BCGE-10-02	39.60	44.50	4.90						1.5			Dike is weakly cly altd
BCGE-10-02	44.50	44.70	0.20							2		Wk-mod ser altn next to dike, and around a larger carb fr
BCGE-10-02	113.20	115.35	2.15		2							Perv, mtrx carb and hair fr's, and some early cly altn
BCGE-10-02	138.00	138.20	0.20							2		Surrounding fz

**Appendix A-10**  
**Alteration Data - Page #2**

Hole ID	From	To	Width	Si	Carb	alc-S	Hfls	Chl	Clay	Ser	Py	Desc
BCGE-10-02	151.40	158.05	6.65		1						2	Change from po, v evenly diss in v equi specks, carb in numerous micro fr's
BCGE-10-03	0.00	8.50	8.50		1	1				0.5		V wk, minor sericite along some vague bands (originally coarser material?), and wormy mostly 2-4mm CS mostly bedding // and T
BCGE-10-03	11.50	11.80	0.30							2		Str ser around carb fr's and below clean fr // bot dike ct
BCGE-10-03	8.50	11.80	3.30						0.5			Wk cly altn thru
BCGE-10-03	11.80	12.00	0.20							1		Mod ser altn next to dike
BCGE-10-03	12.60	13.60	1.00							0.7		Mod ser along bedding around bx str zone.
BCGE-10-03	11.80	23.00	11.20		1.5	1.5		1.5		0.5		(wormy) to swirly clots of carb/chl usu w some ass massive po clots
BCGE-10-03	28.00	35.00	7.00				1			0.5		Purplish brn, gritty
BCGE-10-03	35.00	39.00	4.00				2			0.5		Purplish brn, gritty
BCGE-10-03	39.00	43.00	4.00					2				Dike is somewhat cly altd
BCGE-10-03	43.00	43.30	0.30							1		Coming from dike
BCGE-10-03	43.00	44.00	1.00				1					Purplish brn, gritty
BCGE-10-03	78.80	79.20	0.40							2		Ser? Creamy v lt grey altn haloes around network of hairline po +/-chl fr's
BCGE-10-03	86.00	87.60	1.60							3		Ser? Creamy v lt grey/beige pervasively thru, w bedding preserved, w vague v lt brown roundish (3%x1mm) garnet(?) along coarser lams, the whole crosscut by carb "worms" as often, but w dull drk
BCGE-10-03	128.30	128.85	0.55				0.5					Purplish brn, gritty
BCGE-10-03	129.35	131.00	1.65				0.2					Purplish brn, gritty but less vis in arg beds
BCGE-10-04	19.00	22.00	3.00				1.5			0.5		Purp-brnish and gritty as is often next to dike
BCGE-10-04	41.70	42.00	0.30		2				1	2		Wk cly altn and str patchy beige ser altn thru under 7% carb ff's
BCGE-10-04	42.00	42.30	0.30		2				1			Wk cly altn of fld under 2% carb ff's
BCGE-10-04	42.30	43.70	1.40		2				3			Str altn of fld, pitted out by drilling, under 5% discontinuous carb fr fills and str, around 2x2cm veins.
BCGE-10-04	43.70	44.20	0.50		2				1			Wk cly altn of fld under 2% carb str
BCGE-10-04	44.20	44.85	0.65		2				1	2		Wk cly altn and str patchy beige ser altn thru, under 3-5% carb ff's
BCGE-10-04	45.75	48.20	2.45		2				0.5	1.5		Wk-mod ser altn, perv w poss wk cly altn, all under 5-7% carb ff's next to dike, and around a larger carb fr
BCGE-10-04	49.10	50.80	1.70		1				0.5	1.5		Wk->mod ser altn, perv, w poss wk cly altn, all under 1-2% carb ff's increasing toward vein
BCGE-10-04	50.80	51.30	0.50		3				3	3		Intense lt tan ser/cly altn under (5-7%x1-30mm) qtz/carb ff's
BCGE-10-04	51.90	53.30	1.40		2				2	2		Mod ser altn, perv, w poss wk cly altn, all stronger nr smaller 2cm qtz vns @ 52.7, 52.8, 52.95, 53.05, under 1-2% carb ff's
BCGE-10-04	53.30	56.50	3.20	1	1				1.5	1.5		Mod->wk ser altn, perv, w poss wk cly altn, all stronger nr smaller calcedonic qtz veins and esp larger ones @ 54.3, 54.9, 56.15
BCGE-10-04	57.00	57.20	0.20								3	Ggr 2-3mm clots of recrystallized(?) py
BCGE-10-04	58.00	59.40	1.40		2							7%x1-4mm clean, wht, tight, angular, carb ff's
BCGE-10-04	64.30	64.92	0.62		2							7%x1-4mm clean, wht, tight, angular, carb ff's
BCGE-10-05	19.70	21.15	1.45		2			1.5	2.5		2	Carb in discontinuous 5-7%x2mm ffs, Chl+/-py in hair fr's, and strong cly alt'd thru
BCGE-10-05	21.15	22.8	1.65		2					1		Carb in discontinuous 4-5%x2mm ffs, // core and oblique to shr in top, // shr below 22.2
BCGE-10-05	28.4	31.1	2.70		1					2		Patchy, esp enlarging carb worms, and str patch at 29.9-30.2, w tiny carb ff's occ
BCGE-10-05	31.1	31.7	0.60		1	1			2	3		Lt beige, why alt'd here? Fairly abrupt top and bot ct's, carb worms, and ff's still present, and str mtrx carb (fizz) thru
BCGE-10-05	37.5	47.6	10.10		1.5					1.5		Lt beige altn sporadically on some beds, and enlarging worms and esp swirls (w up to 3-4cm rims), and 1%x1-2mm carb ff's



**Appendix A-10**  
**Alteration Data - Page #3**

Hole ID	From	To	Width	Si	Carb	alc-S	Hfls	Chl	Clay	Ser	Py	Desc
BCGE-10-05	49	50.5	1.50		2					1		Lt beige altn sporadically on some beds, and enlarging worms and esp swirls (w up to 1-2cm rims), and 3-5%x1-2mm carb ff's
BCGE-10-05	50.5	56.5	6.00		2					0.5		Lt beige altn v occ on some beds, and enlarging some worms, swirls (w up to 1cm rims), and 3-5%x1-2mm carb ff's
BCGE-10-06	0.00	11.00	11.00			0.1						minor bedding //, carb/chl/po worms
BCGE-10-06	11.00	17.00	6.00			1						10% patchy along bedding, carb/chl/po
BCGE-10-06	16.15	17.00	0.85		2				2.5			Carb in discontinuous 5-7%x2mm ffs
BCGE-10-06	17.00	22.00	5.00		1.5				1.5	1.5		3-4%x2-3mm, short (1cm), discontinuous carb (+/-) chl ff's, and perv cly/ser altn, carb/cly ff's carry on out into arg below dike
BCGE-10-06	20.30	33.10	12.80			1						10% patchy along bedding, carb/chl/po
BCGE-10-06	39.50	46.50	7.00		1.5				1.5	1.5		3-4%x2-3mm, short (1cm), discontinuous carb (+/-) chl ff's, and perv cly/ser altn, carb/cly ff's carry on out into arg below dike
BCGE-10-06	49.70	54.80	5.10		1.5					2		Mod, quite perv, lt beige altn, poss surrounding the vein.
BCGE-10-06	49.00	50.50	1.50							2		Lt beige altn sporadically on some beds, and enlarging worms and esp swirls (w up to 1-2cm rims), and 3-5%x1-2mm carb ff's
BCGE-10-06	50.50	56.50	6.00		2					0.5		Lt beige altn v occ on some beds, and enlarging some worms, swirls (w up to 1cm rims), and 3-5%x1-2mm carb ff's
BCGE-10-06	64.80	65.00	0.20							2		ser along edges of carb
BCGE-10-06	72.50	82.85	10.35							2.5		Worms and irreg patchy ser alt'n (25% of surface between str)
BCGE-10-06	82.85	89.30	6.45		0.5					1		Perv carb and minor ff's, ser after fld?
BCGE-10-06	89.65	90.20	0.55							3		V str ser around a small vn
BCGE-10-07	8.70	11.45	2.75						0.5	0.5		Poss wk altn of dike
BCGE-10-07	12.00	15.00	3.00							1		Wk ser altn along worm margins next to dike above (?) or into str and vein below (?)
BCGE-10-07	24.50	26.00	1.50							1.5		Wk ser altn below str vn (?), or above early shr
BCGE-10-07	106.00	111.30	5.30							2		Str ser rims carb>chl blobs
BCGE-10-07	111.40	114.50	3.10							1		Ser rims carb>chl blobs, and some perv in occ siltier beds, fading with depth
BCGE-10-07	122.00	126.00	4.00							0.5		Wk ser alt'd patches occ
BCGE-10-07	149.40	150.10	0.70							2		Perv brn/purple below dike
BCGE-10-07	152.50	154.00	1.50							2		Wk-mod ser along lams in arg surrounding vein
BCGE-10-08	0.00	6.20	6.20							2		Perv ser altn grades from w to m down to dike
BCGE-10-08	8.9	10.4	1.50							1		Perv wk ser altn
BCGE-10-08	13.8	16	2.20							1		Perv wk ser altn
BCGE-10-08	33.5	35.5	2.00							3		Perv wk ser altn, becomes v str below a fr at 34.2m for 0.5m
BCGE-10-08	34.2	34.4	0.20		2.5			2				Lt beige altn sporadically on some beds, and enlarging worms and esp swirls (w up to 3-4cm rims), and 1%x1-2mm carb ff's
BCGE-10-09	0.00	5.50	5.50							1		Patchy ser altn along lams, grades from w to m down to dike
BCGE-10-09	5.50	7.50	2.00							2		Patchy ser ass w hair fracs, altn grades from w to m down to dike
BCGE-10-09	15.65	37.00	21.35							1		Patchy wk ser altn, on hairline fr's, rims, and lams
BCGE-10-09	37.00	39.00	2.00							2		Patchy mod ser altn, mostly on lams
BCGE-10-09	39.00	47.50	8.50							1		Patchy wk ser altn, on hairline fr's
BCGE-10-09	50.00	52.00	2.00							1		Patchy wk ser altn, on hairline fr's, rims, and lams
BCGE-10-09	58.00	64.50	6.50							1		Patchy wk ser altn, mostly as rims on now increased carb>>>chl blobs, and some lams

**Appendix A-10**  
**Alteration Data - Page #4**

Hole ID	From	To	Width	Si	Carb	alc-S	Hfls	Chl	Clay	Ser	Py	Desc
BCGE-10-09	64.50	67.00	2.50					2		2		Mod -str chl and ser altn in section of early shr // core
BCGE-10-09	67.00	67.50	0.50							3		Intense ser altn around qtz stibnite (?) min'd fault fracs
BCGE-10-09	67.50	71.40	3.90							2		Patchy mod ser altn, mostly as rims on carb, and hair fracs
BCGE-10-09	70.30	70.50	0.20		2			2		2		Perv mod chl>carb>ser altn below vn
BCGE-10-09	71.40	74.50	3.10							1		Patchy wk ser altn, on hairline fr's and lams
BCGE-10-09	74.50	75.30	0.80							2		Patchy mod ser altn, mostly on lams
BCGE-10-10	0.0	5.0	5.00							1		Wk ser in occ patches along hair fr's, and lams
BCGE-10-10	8.4	10.4	2.05							1		Wk ser in occ patches along hair fr's, and lams
BCGE-10-10	14.0	15.5	1.55	1						2.5		Patchy, esp along and in 2-3mm halos on micro fr's
BCGE-10-10	15.5	20.0	4.50							1		Wk patchy, esp along and in 2-3mm halos on micro fr's
BCGE-10-10	21.0	23.2	2.20	1						2		Mod patchy, esp along and in 2-3mm halos on micro fr's and occ lams
BCGE-10-10	23.2	26.0	2.80							1		Wk patchy, esp along lams at all <'s
BCGE-10-10	35.5	39.0	3.50								1	Tr py in small 1-5cm patches of diss v tiny cubes around vn
BCGE-10-10	36.4	36.6	0.20							3		Intense perv ser altn leading down into flt
BCGE-10-11	0.00	6.95	6.95							1		Wk ser thru esp perv in top 2m, and along other hair fr's.
BCGE-10-11	12.90	20.00	7.10							0.5		Wk ser thru, esp along lams, hair fr's.
BCGE-10-11	26.50	28.00	1.50							2		W-mod, but extremely pervasive ser altn!
BCGE-10-11	34.00	35.70	1.70							1		Wk grades to mod perv altn esp strong next to vn at bot
BCGE-10-11	34.50	35.20	0.70								0.5	Vfgr py diss in small 3-5cm patches here and there.
BCGE-10-11	35.70	38.00	2.30							1		Mod grades to wk perv altn esp, but esp strong next to vn at top
BCGE-10-12	0.00	5.30	5.30							1		Wk ser thru along lams nd hair fr's.
BCGE-10-12	21.00	24.00	3.00	2						1		Wk ser altn between silicification(?), or just low angle cherty beds - poss fold axis here?
BCGE-10-12	40.00	40.25	0.25							1		W-mod, but quite pervasive ser altn
BCGE-10-12	36.00	47.00	11.00								0.5	Vfgr py diss in small 3-5cm patches here and there.
BCGE-10-13	0.00	7.30	7.30							1		Wk ser thru along lams nd hair fr's, becoming mod in bot 50cm, and str against dike
BCGE-10-13	14.40	39.50	25.10	2						1		Wk ser altn between silicification(?), or just low angle cherty beds - esp nr fold axis at 24.4m
BCGE-10-13	48.50	65.23	16.73	0.5						0.5		Weaker still ser altn, now esp rims on carb blobs, between v wk silicification(?), or just low angle cherty beds.
BCGE-10-13	59.00	64.00	5.00								0.5	Vfgr py cubes (recrystallized?), diss in small 3-5cm patches here and there.
BCGE-10-13	56.80	57.25	0.45	2						1		Wk to mod around shr at 56.75 ser altn between silicification(?)

## Appendix B

### Tables of Geochemical Results

## 2010 Drilling - Table of Geochemical Results - Page #1

Hole_ID	From	To	Width	Samp_ID	Lab_Job	Au_Met	Au_FA	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Ce	Co	Cr	Cs	Cu	Fe%	Ga
BCGE-10-01	12.40	12.90	0.50	7R50763	8036		-0.03	0.4	>10	5.1	184.0		0.48	5.02	0.49	68.75	14.6	66.0	1.06	21.4	7.08	24.7
BCGE-10-01	12.90	13.40	0.50	7R50764	8036		-0.03	0.5	9.81	20.1	521.0		2.68	6.53	0.22	65.91	14.1	39.0	2.94	38.9	6.42	23.6
BCGE-10-01	26.20	27.00	0.80	7R50765	8036		-0.03	0.4	9.80	66.3	451.5		2.38	4.44	0.71	37.18	19.1	192.0	5.84	81.2	6.43	22.2
BCGE-10-01	46.70	47.70	1.00	7R50766	8036		-0.03	0.3	9.11	5.8	308.0		1.86	2.03	0.11	113.20	2.3	110.5	4.76	4.4	5.77	29.5
BCGE-10-01	50.00	50.65	0.65	7R50767	8036		-0.03	0.2	5.26	23.5	622.5		1.68	8.18	0.16	13.82	14.7	374.5	1.56	14.8	4.92	11.1
BCGE-10-01	51.85	52.10	0.25	7R50768	8036		-0.03	0.5	4.93	34.1	444.0		1.48	8.58	0.16	19.73	13.4	374.0	3.08	31.5	4.17	12.1
BCGE-10-01	149.60	150.10	0.50	7R50770	8036		-0.03	0.2	6.42	11.7	907.5		1.24	6.34	1.52	14.91	17.0	263.5	1.74	72.3	5.99	14.3
BCGE-10-01	150.10	150.60	0.50	7R50771	8036		-0.03	0.2	2.23	5.5	272.5		0.92	6.37	0.07	8.31	7.4	294.5	0.62	22.2	3.61	5.8
BCGE-10-01	163.30	163.80	0.50	7R50772	8036		-0.03	0.3	7.35	5.0	482.0		0.60	1.63	0.98	86.85	1.7	141.5	1.26	22.9	4.61	27.2
BCGE-10-01	175.10	176.10	1.00	7R50751	8028	-0.03		0.2	>10	25.2	869.0		0.10	5.30	0.10	28.90	26.4	360.0	2.30	60.6	6.56	20.2
BCGE-10-01	176.10	176.70	0.60	7R50753	8028	-0.03		0.3	9.89	14.1	774.5		0.10	3.95	0.07	19.94	24.5	306.0	5.26	74.8	6.32	21.0
BCGE-10-01	176.70	176.83	0.13	7R50754	8028	67.15		69.6	1.35	199.7	92.0		0.08	1.87	0.10	2.54	3.4	257.5	1.50	57.0	1.08	3.4
BCGE-10-01	176.83	177.25	0.42	7R50756	8028	0.27		0.5	8.37	290.5	1340.0		0.08	2.25	0.22	23.89	22.9	279.5	6.08	69.4	3.63	20.3
BCGE-10-01	177.25	177.66	0.41	7R50757	8028	30.69		18.6	1.56	165.6	48.0		0.06	3.90	0.09	2.97	4.5	252.0	1.84	44.1	1.35	4.7
BCGE-10-01	177.66	177.90	0.24	7R50759	8028	0.64		0.6	5.34	387.7	127.0		0.06	6.51	0.17	10.98	15.0	264.5	6.74	49.0	3.91	15.0
BCGE-10-01	177.90	178.40	0.50	7R50760	8028	0.03		0.3	9.87	35.0	923.0		0.08	5.40	0.34	25.37	24.5	296.0	6.86	53.0	6.46	21.3
BCGE-10-01	178.40	179.40	1.00	7R50762	8028	-0.03		0.3	8.62	5.2	847.0		0.16	7.61	0.49	34.63	19.5	302.5	3.68	70.7	8.18	19.3
BCGE-10-02	13.25	14.25	1.00	7R50773	8036		-0.03	0.5	8.99	36.4	751.5		0.68	1.13	0.18	33.77	13.2	154.5	5.96	66.1	4.19	18.7
BCGE-10-02	47.60	47.75	0.15	7R50774	8036		-0.03	1.0	3.81	285.0	225.0		0.48	1.80	0.26	9.13	6.8	318.0	4.18	32.0	2.11	12.7
BCGE-10-03	10.95	11.45	0.50	7R50775	8036		-0.03	0.3	>10	3.0	568.5		0.50	5.33	0.12	66.38	15.0	88.0	0.88	18.0	7.11	24.2
BCGE-10-03	11.45	11.80	0.35	7R50777	8036		-0.03	0.4	9.80	7.3	1362.0		0.54	6.36	0.16	69.58	15.3	59.0	5.02	36.1	7.40	24.5
BCGE-10-03	11.80	12.60	0.80	7R50778	8036		-0.03	0.6	9.63	27.7	940.0		0.52	2.00	0.16	23.51	21.5	202.5	7.16	85.5	5.98	20.7
BCGE-10-03	12.60	13.40	0.80	7R50779	8036		0.18	1.2	8.59	247.4	323.5		0.48	4.24	0.98	23.59	18.0	212.0	8.90	80.7	5.27	22.8
BCGE-10-03	13.40	13.55	0.15	7R50780	8036		1.20	1.7	2.68	497.9	90.0		0.30	7.31	1.36	9.02	6.0	265.0	3.54	26.1	2.74	10.7
BCGE-10-03	13.55	14.05	0.50	7R50781	8036		-0.03	1.2	7.65	10.2	645.5		0.48	9.83	16.81	24.88	17.8	198.5	6.16	81.2	6.18	16.4
BCGE-10-03	45.50	46.00	0.50	7R50782	8036		-0.03	0.7	8.64	39.6	915.5		0.46	1.18	0.35	34.15	13.6	163.0	6.10	69.1	4.31	20.0
BCGE-10-03	46.00	46.30	0.30	7R50783	8036		0.04	1.0	3.64	274.7	210.0		0.26	1.72	0.26	8.65	6.8	305.5	3.94	31.1	2.03	11.6
BCGE-10-03	46.30	46.80	0.50	7R50785	8036		-0.03	0.4	>10	9.3	1192.0		0.38	3.75	0.23	33.07	20.8	250.5	6.38	88.4	5.70	23.8
BCGE-10-03	86.50	87.00	0.50	7R50787	8036		-0.03	0.2	4.74	3.4	805.0		0.30	>10	0.05	18.29	8.0	81.5	1.34	25.2	3.27	11.2
BCGE-10-03	148.00	149.00	1.00	7R50788	8036		-0.03	0.2	6.88	21.9	684.5		0.24	8.83	0.05	17.72	16.0	302.5	1.84	22.2	4.36	13.4
BCGE-10-03	149.00	149.50	0.50	7R50789	8036		-0.03	0.1	7.20	27.3	856.0		0.22	7.84	0.06	20.46	17.5	338.0	2.30	12.6	4.89	14.1
BCGE-10-03	149.50	149.95	0.45	7R50790	8036		-0.03	0.2	7.02	9.6	720.5		0.24	5.66	0.12	21.26	14.8	306.5	3.60	50.7	4.88	15.5
BCGE-10-03	149.95	150.55	0.60	7R50791	8036		-0.03	0.2	8.73	9.3	308.0		0.28	4.91	0.13	22.49	18.3	304.5	4.24	56.0	5.23	18.1
BCGE-10-03	150.55	151.30	0.75	7R50793	8036		-0.03	0.5	8.80	15.0	747.0		0.26	5.92	0.14	49.47	36.1	341.0	2.18	28.9	7.44	19.4
BCGE-10-03	151.30	151.53	0.23	7R50794	8036		-0.03	1.0	2.23	34.9	63.5		0.16	0.68	0.40	5.25	3.2	308.5	2.44	23.2	1.21	7.8

## 2010 Drilling - Table of Geochemical Results - Page #2

Hole_ID	From	To	Width	Samp_ID	Lab_Job	Au_Met	Au_FA	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Ce	Co	Cr	Cs	Cu	Fe%	Ga
BCGE-10-03	151.53	152.03	0.50	7R50796	8036		-0.03	0.4	>10	14.9	1126.0		0.28	1.32	0.22	44.64	13.6	130.0	8.96	72.2	3.83	24.0
BCGE-10-04	41.00	41.70	0.70	7R50797	8036		-0.03	0.2	8.06	11.0	1059.0		0.18	4.83	0.13	19.59	22.0	465.0	4.98	51.8	5.57	16.6
BCGE-10-04	41.70	42.00	0.30	7R50798	8036		-0.03	0.2	5.62	8.0	587.0		0.14	>10	0.16	18.84	15.4	335.5	8.06	58.8	5.47	12.6
BCGE-10-04	42.00	43.30	1.30	7R50799	8036		-0.03	0.3	8.75	3.0	769.5		0.12	6.01	0.19	59.95	12.7	52.0	6.28	13.1	6.08	20.8
BCGE-10-04	43.30	43.70	0.40	7R50802	8036		-0.03	0.6	8.10	18.7	1026.0		0.10	5.53	0.22	52.86	11.6	103.5	5.38	13.0	5.70	24.8
BCGE-10-04	43.70	44.20	0.50	7R50803	8036		-0.03	0.3	>10	5.6	396.0		0.10	4.89	0.24	68.62	14.8	66.5	4.28	15.3	7.04	24.3
BCGE-10-04	44.20	44.85	0.65	7R50804	8036		-0.03	0.2	8.71	13.5	1710.0		0.14	5.05	0.15	20.14	22.5	422.0	9.56	54.8	5.37	18.7
BCGE-10-04	44.85	45.75	0.90	7R50805	8036		-0.03	0.3	7.98	14.3	614.0		0.12	3.42	0.14	22.20	19.1	434.5	8.32	44.1	5.16	16.3
BCGE-10-04	45.75	46.65	0.90	7R50806	8036		-0.03	0.2	6.79	16.4	409.5		0.14	5.90	0.18	16.66	17.3	305.0	7.24	35.2	5.04	17.0
BCGE-10-04	46.65	47.55	0.90	7R50807	8036		-0.03	0.3	6.60	9.0	495.5		0.14	4.30	0.18	15.80	18.7	423.0	6.32	41.3	4.79	15.4
BCGE-10-04	47.55	48.20	0.65	7R50809	8036		-0.03	0.2	7.20	6.2	309.5		0.16	5.20	0.18	16.22	21.2	421.5	6.40	55.8	5.44	15.9
BCGE-10-04	48.20	49.10	0.90	7R50810	8036		-0.03	0.3	6.85	9.0	727.0		0.12	5.87	0.10	18.96	16.3	445.5	5.30	33.2	4.89	14.4
BCGE-10-04	49.10	50.00	0.90	7R50811	8036		-0.03	0.1	6.30	6.0	1099.0		0.12	9.13	0.05	19.32	16.0	412.0	3.90	27.2	4.73	13.2
BCGE-10-04	50.00	50.80	0.80	7R50812	8036		-0.03	0.3	6.98	9.6	583.5		0.16	5.54	0.07	19.57	21.5	480.5	7.14	35.3	5.19	15.2
BCGE-10-04	50.80	51.30	0.50	7R50813	8036		-0.03	0.5	5.25	94.0	131.0		0.08	4.21	0.10	12.79	12.6	323.5	5.40	19.5	3.47	17.0
BCGE-10-04	51.30	51.90	0.60	7R50814	8036		0.20	6.0	2.82	138.1	151.5		0.08	0.83	0.15	5.30	5.5	296.0	3.72	28.3	1.40	12.1
BCGE-10-04	51.90	52.10	0.20	7R50817	8036		0.34	1.3	5.15	146.3	189.5		0.08	8.07	0.12	25.47	10.5	382.0	5.44	21.0	3.77	14.4
BCGE-10-04	52.10	52.50	0.40	7R50818	8036		-0.03	0.9	7.42	15.5	318.5		0.12	3.63	0.27	21.14	18.0	400.0	8.98	45.1	5.26	17.2
BCGE-10-04	52.50	53.30	0.80	7R50819	8036		-0.03	3.0	5.79	60.8	293.0		0.08	4.10	0.06	13.97	15.3	301.0	6.34	29.8	3.97	15.2
BCGE-10-04	53.30	54.30	1.00	7R50820	8036		-0.03	0.2	7.50	4.7	875.0		0.10	5.75	0.09	23.86	19.0	466.0	4.62	34.9	4.94	15.8
BCGE-10-04	54.30	55.00	0.70	7R50821	8036		-0.03	0.3	7.51	20.3	519.5		0.12	4.23	0.10	18.11	20.3	407.5	8.12	41.8	4.86	17.6
BCGE-10-04	55.00	55.80	0.80	7R50822	8036		-0.03	0.3	7.26	19.4	631.5		0.10	6.25	0.09	21.77	18.7	353.0	6.88	34.0	4.72	17.3
BCGE-10-04	55.80	56.50	0.70	7R50823	8036		-0.03	0.3	6.71	18.2	648.5		0.14	5.68	0.09	16.96	18.4	410.0	4.70	42.7	4.35	15.1
BCGE-10-04	58.90	59.40	0.50	7R50825	8036		0.07	1.3	6.64	42.9	221.0		0.18	8.59	0.65	23.68	15.1	139.0	6.76	66.3	4.29	18.5
BCGE-10-05	19.20	19.45	0.25	7R50827	8036		-0.03	0.5	8.34	3.8	221.0		0.18	3.56	0.29	35.69	19.3	174.0	6.10	94.8	6.28	19.2
BCGE-10-05	19.45	19.70	0.25	7R50828	8036		0.53	2.0	5.36	113.4	235.5		0.16	7.37	0.42	20.95	15.0	173.5	4.44	70.6	5.12	14.3
BCGE-10-05	19.70	20.50	0.80	7R50829	8036		0.14	0.9	7.11	158.0	191.5		0.10	5.34	0.80	66.20	7.4	79.5	3.14	42.6	4.59	20.0
BCGE-10-05	20.50	21.15	0.65	7R50830	8036		-0.03	0.8	6.33	187.6	197.5		0.12	2.64	0.12	74.66	2.9	88.5	2.32	101.2	4.50	21.3
BCGE-10-05	31.10	31.75	0.65	7R50831	8036		-0.03	0.4	4.78	4.7	759.0		0.10	>10	0.28	24.03	7.1	93.5	1.40	26.3	4.20	11.9
BCGE-10-05	38.60	39.45	0.85	7R50833	8036		-0.03	0.6	7.29	25.6	354.5		0.22	4.65	0.36	22.43	15.1	127.5	7.30	63.8	4.36	19.3
BCGE-10-05	39.45	40.40	0.95	7R50834	8036		-0.03	0.6	6.17	7.6	302.0		0.24	1.71	0.70	18.41	18.5	154.0	5.38	87.9	5.08	19.0
BCGE-10-05	40.40	40.90	0.50	7R50835	8036		-0.03	0.4	7.43	13.3	647.0		0.10	5.55	2.33	24.87	13.5	210.0	2.76	47.2	4.54	17.4
BCGE-10-05	44.70	45.60	0.90	7R50837	8036		-0.03	0.5	4.07	47.0	306.5		0.14	1.46	0.41	15.76	13.6	115.0	5.32	60.7	3.28	18.7
BCGE-10-05	45.60	46.20	0.60	7R50838	8036		-0.03	0.3	4.89	64.7	151.0		0.14	7.92	0.11	15.40	9.4	157.5	4.10	22.9	2.71	13.6
BCGE-10-05	46.20	46.70	0.50	7R50839	8036		-0.03	0.3	4.09	39.0	112.5		0.12	6.81	0.18	7.63	6.0	163.0	3.58	6.0	2.36	12.6

### 2010 Drilling - Table of Geochemical Results - Page #3

Hole_ID	From	To	Width	Samp_ID	Lab_Job	Au_Met	Au_FA	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Ce	Co	Cr	Cs	Cu	Fe%	Ga
BCGE-10-05	46.70	47.20	0.50	7R50841	8036		-0.03	0.3	4.55	33.9	143.5		0.10	9.42	0.13	10.21	6.8	156.5	3.66	14.3	2.63	12.8
BCGE-10-05	47.20	48.00	0.80	7R50842	8036		-0.03	0.9	5.47	72.9	390.5		0.24	0.60	0.08	12.77	16.7	158.5	8.02	86.1	5.14	20.9
BCGE-10-05	48.00	48.60	0.60	7R50843	8036		-0.03	0.5	5.72	126.6	318.0		0.14	4.08	0.81	15.82	11.8	105.0	5.08	57.2	3.96	17.3
BCGE-10-05	48.60	49.20	0.60	7R50844	8036		0.07	0.7	3.90	284.0	132.5		0.14	0.64	0.09	10.89	10.1	191.0	4.96	43.4	2.92	16.5
BCGE-10-05	49.20	49.90	0.70	7R50845	8036		-0.03	0.9	5.67	91.6	197.5		0.18	1.35	0.47	21.40	12.9	142.0	6.08	57.3	3.54	19.8
BCGE-10-05	53.00	53.40	0.40	7R50846	8036		-0.03	0.4	5.71	11.0	488.0		0.18	1.03	0.73	18.60	18.3	194.5	10.22	77.3	4.41	17.6
BCGE-10-05	53.40	54.00	0.60	7R50849	8036		0.21	0.9	3.76	249.4	270.5		0.12	1.63	0.18	11.13	9.1	238.5	4.80	35.6	2.62	15.7
BCGE-10-05	54.00	54.50	0.50	7R50850	8036		0.08	0.7	5.08	315.8	183.0		0.18	0.73	0.18	13.10	19.2	185.5	7.98	73.0	3.75	27.8
BCGE-10-05	54.50	55.10	0.60	7R50851	8036		0.51	1.4	4.60	206.7	178.5		0.12	2.89	0.14	17.10	10.3	174.5	6.26	43.3	3.12	17.8
BCGE-10-05	55.10	55.80	0.70	7R50852	8036		0.03	0.5	6.16	111.7	194.0		0.14	3.19	0.77	17.66	10.7	131.5	6.72	41.4	3.58	18.5
BCGE-10-06	49.70	50.15	0.45	7R52001	8215		-0.03	0.7	8.28	10	882	1	-5	6.96	7		18	172		88	6.26	
BCGE-10-06	50.15	50.50	0.35	7R52002	8215		-0.03	0.4	7.01	170	216	2	-5	7.31	-1		11	214		30	2.57	
BCGE-10-06	50.50	51.05	0.55	7R52003	8215		0.36	0.8	1.98	150	102	-1	-5	>10	-1		3	252		14	0.75	
BCGE-10-06	51.05	51.50	0.45	7R52004	8215		-0.03	1.0	6.98	35	732	3	-5	1.27	4		22	216		92	4.48	
BCGE-10-06	64.10	64.80	0.70	7R52006	8215		0.06	0.3	6.26	205	266	1	-5	4.95	-1		14	272		52	3.18	
BCGE-10-06	74.85	75.30	0.45	7R52007	8215		0.20	1.3	3.72	160	130	-1	-5	>10	-1		4	206		28	1.80	
BCGE-10-06	75.30	76.40	1.10	7R52008	8215		1.01	2.9	5.62	300	260	2	-5	1.38	-1		14	220		64	3.74	
BCGE-10-06	76.40	77.50	1.10	7R52009	8215		0.05	2.3	6.90	60	386	2	-5	1.11	-1		21	184		90	5.60	
BCGE-10-06	77.50	78.60	1.10	7R52011	8215		0.35	1.4	7.10	290	276	2	-5	5.12	-1		11	200		46	3.19	
BCGE-10-06	78.60	79.10	0.50	7R52013	8215		0.11	1.2	8.03	75	470	-1	-5	3.80	2		20	204		94	5.28	
BCGE-10-06	79.10	79.70	0.60	7R52014	8215		1.14	2.7	6.99	295	338	2	-5	>10	-1		16	198		70	3.87	
BCGE-10-06	79.70	80.40	0.70	7R52015	8215		0.14	1.9	7.67	60	470	2	-5	1.52	-1		23	194		132	5.46	
BCGE-10-06	80.40	80.90	0.50	7R52016	8215		0.12	1.9	6.81	225	292	-1	-5	1.36	-1		17	254		84	4.64	
BCGE-10-06	80.90	81.85	0.95	7R52018	8215		0.06	0.7	1.81	70	92	-1	-5	>10	-1		2	240		20	1.09	
BCGE-10-06	81.85	82.85	1.00	7R52020	8215		-0.03	0.7	8.63	10	1082	2	-5	3.15	2		21	230		80	5.36	
BCGE-10-06	89.65	90.20	0.55	7R52021	8215		-0.03	0.7	5.48	60	222	2	-5	>10	9		10	210		26	4.79	
BCGE-10-07	13.40	14.00	0.60	7R52022	8215		0.05	0.8	8.29	35	774	2	-5	3.42	2		20	214		86	5.14	
BCGE-10-07	14.00	14.65	0.65	7R52023	8215		0.16	1.6	8.00	90	410	3	-5	>10	2		17	208		80	4.45	
BCGE-10-07	14.65	15.00	0.35	7R52024	8215		9.45	9.45	18.5	245	192	-1	-5	8.93	-1		6	334		36	2.04	
BCGE-10-07	15.00	15.35	0.35	7R52025	8215		0.06	0.5	8.13	60	982	3	-5	2.94	-1		22	246		92	4.95	
BCGE-10-07	24.15	24.50	0.35	7R52027	8215		1.58	5.4	5.97	800	128	-1	-5	5.89	14		15	262		70	4.69	
BCGE-10-07	150.00	150.15	0.15	7R52028	8215		-0.03	1.3	3.23	80	124	1	-5	0.87	-1		8	458		12	2.62	
BCGE-10-07	152.65	153.00	0.35	7R52029	8215		0.07	0.6	5.53	185	352	2	-5	1.24	-1		16	222		82	3.95	
BCGE-10-07	153.00	153.45	0.45	7R52030	8215		1.01	1.0	2.42	395	102	-1	-5	2.11	-1		5	392		26	2.26	
BCGE-10-07	153.45	153.85	0.40	7R52032	8215		-0.03	0.5	9.40	5	896	2	-5	9.73	1		15	158		54	3.88	

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Hole_ID	From	To	Width	Samp_ID	Lab_Job	Au_Met	Au_FA	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Ce	Co	Cr	Cs	Cu	Fe%	Ga	
BCGE-10-08	31.50	32.00	0.50	7R52034	8215		-0.03	0.6	7.28	15	770	2	-5	1.24	-1		17	204		82	4.37		
BCGE-10-08	32.00	32.50	0.50	7R52035	8215		0.04	1.0	7.40	60	640	3	-5	4.36	-1		18	214		84	4.97		
BCGE-10-08	32.50	33.15	0.65	7R52036	8215		0.35	0.5	1.30	75	70	-1	-5	>10	-1		1	248		8	0.67		
BCGE-10-08	33.15	33.75	0.60	7R52037	8215		-0.03	0.8	7.77	60	858	2	-5	4.55	-1		18	188		78	4.80		
BCGE-10-09	66.45	67.15	0.70	7R52039	8215		0.03	0.4	4.69	10	756	-1	-5	7.84	5		9	212		50	3.99		
BCGE-10-09	67.15	67.50	0.35	7R52041	8215		0.55	9.2	4.63	285	256	2	-5	2.62	-1		12	244		52	3.12		
BCGE-10-09	67.50	68.00	0.50	7R52042	8215		0.16	1.3	6.21	360	826	2	-5	1.38	-1		16	190		68	3.30		
BCGE-10-09	68.00	68.70	0.70	7R52043	8215		0.03	0.7	7.17	60	1144	3	-5	2.04	-1		16	148		66	3.73		
BCGE-10-09	68.70	69.40	0.70	7R52044	8215		-0.03	0.9	7.64	60	642	3	-5	7.86	2		15	134		62	4.12		
BCGE-10-09	69.40	69.90	0.50	7R52045	8215		-0.03	0.8	3.80	25	146	-1	-5	>10	-1		6	214		28	1.74		
BCGE-10-09	69.90	70.30	0.40	7R52046	8215		0.04	32.3	1.45	25	78	-1	-5	6.06	-1		2	282		30	0.96		
BCGE-10-09	70.30	70.90	0.60	7R52049	8215		-0.03	0.4	5.85	10	602	2	-5	>10	-1		11	98		44	5.83		
BCGE-10-09	70.90	71.40	0.50	7R52050	8215		0.04	0.4	8.69	115	282	1	-5	>10	-1		14	136		40	4.77		
BCGE-10-10	36.40	36.65	0.25	7R52051	8215		-0.03	0.5	6.17	30	784	1	-5	4.65	-1		11	122		48	3.26		
BCGE-10-10	36.65	36.90	0.25	7R52052	8215		0.42	2.5	2.29	145	126	-1	-5	>10	-1		2	190		14	0.94		
BCGE-10-10	36.90	37.40	0.50	7R52053	8215		-0.03	0.7	4.69	70	294	-1	-5	0.91	-1		9	92		32	3.10		
BCGE-10-11	35.20	35.70	0.50	7R52056	8215		-0.03	0.5	5.67	15	756	2	-5	1.11	-1		18	186		78	4.42		
BCGE-10-11	35.70	36.05	0.35	7R52057	8215	344.00	344.1	328	2.55	230	84	1	-5	8.54	1		5	258		38	1.68		
BCGE-10-11	36.05	36.25	0.20	7R52059	8215		-0.03	0.6	5.38	30	154	-1	-5	>10	1		9	98		38	3.22		
BCGE-10-11	36.25	36.70	0.45	7R52060	8215	19.10	19.1	14.9	5.18	90	204	2	-5	1.59	-1		16	190		76	4.15		
BCGE-10-12	38.70	39.30	0.60	7R52062	8215		-0.03	0.6	5.31	25	624	3	-5	0.50	-1		17	190		78	4.42		
BCGE-10-12	39.30	39.65	0.35	7R52063	8215		0.58	1.7	5.52	195	194	-1	-5	6.51	-1		8	230		28	2.52		
BCGE-10-12	39.65	40.00	0.35	7R52064	8215		-0.03	0.4	2.27	25	68	-1	-5	>10	-1		3	110		6	1.16		
BCGE-10-12	40.00	40.25	0.25	7R52066	8215		0.06	0.8	6.59	65	322	1	-5	8.35	7		11	146		48	3.66		
BCGE-10-12	40.25	40.60	0.35	7R52068	8215		-0.03	0.6	5.53	20	1066	-1	-5	0.59	-1		17	182		74	4.11		
BCGE-10-13	54.00	55.00	1.00	7R52069	8215		0.06	0.8	6.60	35	656	1	-5	4.10	-1		14	138		80	3.79		
BCGE-10-13	55.00	56.20	1.20	7R52070	8215		0.43	0.9	5.04	135	634	2	-5	1.45	-1		14	120		60	3.63		
BCGE-10-13	56.20	56.75	0.55	7R52071	8215		-0.03	0.6	7.04	15	448	2	-5	>10	-1		14	122		72	3.63		
BCGE-10-13	56.75	57.25	0.50	7R52073	8215		-0.03	0.4	5.81	5	838	1	-5	1.76	-1		22	190		90	4.31		
n=134						Max Value:		344.1	328	>10	800	1710	3	2.68	>10	16.81	113.2	36.1	480.5	10.22	132	8.18	29.5
Above 90th percentile:						Min Value:		-0.03	0.1	1.3	3	48	-1	-5	0.5	-1	2.54	1	39	0.62	4.41	0.67	3.4
"<" replaced by "-"						90th percentile:		0.425	2.204	9.4	267.11	920.75	3	0.48	>10	1.472	65.939	21.14	389	8.024	85.043	6.15	24.02
						95th percentile:		1.1075	11.195	>10	305.53	1108.5	3	1.032	>10	4.35	69.834	22.64	427.03	8.961	90.7	6.495	24.92
						99th percentile:		16.688	57.291	>10	463.94	1354.7	3	2.2084	>10	12.35	92.383	25.773	465.67	9.6986	99.098	7.4268	28.157

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Hole_ID	From	To	Width	Samp_ID	Lab_Job	Ge	Hf	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Nb	Ni	P	Pb	Rb	Re	S%
BCGE-10-01	12.40	12.90	0.50	7R50763	8036	2.4	3.62	35	2.06	34.0	21.2	1.36	1349	2.75	4.206	8.02	3.4	2216	15.38	42.1	0.059	1.50
BCGE-10-01	12.90	13.40	0.50	7R50764	8036	2.2	2.96	35	2.50	32.5	43.3	1.44	1258	2.71	3.814	7.60	3.1	2173	12.29	72.2	0.058	1.08
BCGE-10-01	26.20	27.00	0.80	7R50765	8036	1.7	1.98	45	2.28	19.0	72.7	2.60	985	6.51	1.741	5.26	66.3	1220	10.12	91.6	0.065	0.92
BCGE-10-01	46.70	47.70	1.00	7R50766	8036	2.3	5.74	55	3.20	54.5	32.7	0.33	1348	5.33	5.391	13.50	2.5	632	15.02	84.9	0.062	1.52
BCGE-10-01	50.00	50.65	0.65	7R50767	8036	1.2	0.84	90	1.69	7.0	47.9	3.42	1102	1.12	1.319	2.20	66.7	696	6.06	42.6	0.058	0.16
BCGE-10-01	51.85	52.10	0.25	7R50768	8036	1.2	0.76	95	1.24	11.0	59.3	2.18	927	10.90	1.143	2.02	52.3	532	8.67	44.2	0.064	0.26
BCGE-10-01	149.60	150.10	0.50	7R50770	8036	1.3	1.20	75	1.74	6.5	59.4	2.84	979	2.75	1.956	2.78	55.5	764	10.28	51.8	0.066	0.54
BCGE-10-01	150.10	150.60	0.50	7R50771	8036	0.8	0.34	100	0.57	4.0	35.6	2.33	864	0.82	0.383	0.90	19.2	341	5.61	16.4	0.059	0.20
BCGE-10-01	163.30	163.80	0.50	7R50772	8036	1.9	6.64	55	2.12	40.0	13.2	0.18	652	4.99	4.687	13.96	3.3	440	19.50	38.8	0.056	1.48
BCGE-10-01	175.10	176.10	1.00	7R50751	8028	3.7	2.50	25	2.07	14.0	57.0	3.11	1093	0.99	0.717	5.46	62.7	1269	9.14	71.3	0.011	1.50
BCGE-10-01	176.10	176.70	0.60	7R50753	8028	3.2	2.28	15	1.66	8.5	50.2	2.35	622	1.58	0.602	5.08	66.5	982	9.47	79.5	0.015	1.44
BCGE-10-01	176.70	176.83	0.13	7R50754	8028	0.7	0.20	90	0.40	1.0	137.9	0.14	165	7.74	0.020	0.44	14.2	88	7.38	21.4	0.012	0.26
BCGE-10-01	176.83	177.25	0.42	7R50756	8028	2.1	1.28	20	2.43	11.0	26.9	0.90	481	4.00	0.257	4.54	58.9	961	7.68	116.5	0.016	0.30
BCGE-10-01	177.25	177.66	0.41	7R50757	8028	0.6	0.30	200	0.41	1.5	107.8	0.39	284	12.72	0.013	0.56	16.2	132	6.85	25.8	0.012	0.22
BCGE-10-01	177.66	177.90	0.24	7R50759	8028	1.8	1.48	25	1.57	4.5	63.4	1.45	514	8.35	0.036	2.76	42.6	565	7.14	87.6	0.012	0.56
BCGE-10-01	177.90	178.40	0.50	7R50760	8028	3.7	2.54	15	2.49	11.5	54.9	3.13	928	2.48	0.276	5.36	63.2	1038	8.77	107.5	0.012	0.68
BCGE-10-01	178.40	179.40	1.00	7R50762	8028	4.4	2.16	10	1.97	17.0	40.9	3.10	1421	2.84	0.323	5.50	57.9	1439	12.30	72.6	0.013	1.84
BCGE-10-02	13.25	14.25	1.00	7R50773	8036	1.2	2.50	55	2.18	18.5	50.9	1.37	274	5.01	2.524	4.34	40.1	1456	10.43	71.8	0.061	1.02
BCGE-10-02	47.60	47.75	0.15	7R50774	8036	0.5	0.70	85	1.45	5.0	118.1	0.55	266	48.28	0.483	1.78	39.8	448	21.41	69.2	0.077	0.12
BCGE-10-03	10.95	11.45	0.50	7R50775	8036	2.5	3.28	35	2.15	32.5	21.7	1.44	1211	3.04	4.504	7.84	3.8	2262	10.38	45.7	0.055	1.44
BCGE-10-03	11.45	11.80	0.35	7R50777	8036	2.4	2.90	50	2.62	34.5	64.1	1.76	1318	2.86	2.730	6.96	4.0	2262	11.22	80.9	0.059	0.70
BCGE-10-03	11.80	12.60	0.80	7R50778	8036	1.5	1.58	65	2.33	12.5	55.7	1.73	526	3.72	2.708	4.70	84.6	961	13.82	80.4	0.067	0.62
BCGE-10-03	12.60	13.40	0.80	7R50779	8036	1.4	1.68	65	2.21	12.0	74.2	1.70	812	18.67	1.098	4.06	76.2	1037	12.49	93.7	0.065	0.64
BCGE-10-03	13.40	13.55	0.15	7R50780	8036	0.6	0.52	80	0.93	4.5	129.2	0.73	876	32.40	0.206	1.20	28.7	400	9.05	48.5	0.062	0.64
BCGE-10-03	13.55	14.05	0.50	7R50781	8036	1.6	1.78	50	2.44	12.0	27.5	1.83	1810	18.49	2.254	3.66	81.0	1227	16.60	82.1	0.069	0.96
BCGE-10-03	45.50	46.00	0.50	7R50782	8036	1.3	2.56	60	2.29	18.5	51.3	1.43	290	5.32	2.591	4.50	41.5	1558	12.06	75.3	0.067	1.04
BCGE-10-03	46.00	46.30	0.30	7R50783	8036	0.6	0.66	80	1.39	4.5	121.7	0.53	256	46.75	0.473	1.74	38.0	422	20.83	65.3	0.072	0.12
BCGE-10-03	46.30	46.80	0.50	7R50785	8036	1.6	2.12	70	1.83	16.0	46.8	1.71	470	3.45	3.828	6.62	74.5	1369	15.78	55.1	0.105	0.90
BCGE-10-03	86.50	87.00	0.50	7R50787	8036	1.0	1.36	80	1.72	9.0	16.8	1.95	2381	1.11	1.476	4.06	17.9	929	14.06	60.6	0.063	0.04
BCGE-10-03	148.00	149.00	1.00	7R50788	8036	1.4	1.30	85	2.17	8.5	38.3	3.04	988	0.78	2.449	2.82	46.0	830	7.88	51.9	0.056	0.08
BCGE-10-03	149.00	149.50	0.50	7R50789	8036	1.7	1.42	100	1.95	10.0	34.6	3.82	1128	0.91	2.204	3.16	46.5	927	7.07	41.8	0.058	0.12
BCGE-10-03	149.50	149.95	0.45	7R50790	8036	1.9	1.44	70	1.74	10.5	42.4	2.96	703	3.51	1.603	3.54	48.8	857	10.28	44.9	0.058	0.46
BCGE-10-03	149.95	150.55	0.60	7R50791	8036	1.9	1.50	50	2.30	10.5	39.8	2.47	655	3.00	2.773	4.38	59.0	942	13.33	60.6	0.061	0.74
BCGE-10-03	150.55	151.30	0.75	7R50793	8036	2.1	1.70	25	2.18	24.0	55.4	4.90	1252	1.93	3.331	7.62	106.1	2083	9.41	72.0	0.056	0.84
BCGE-10-03	151.30	151.53	0.23	7R50794	8036	0.3	0.24	80	0.77	3.0	145.2	0.46	162	54.46	0.134	0.72	14.0	182	18.87	38.5	0.055	0.04



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Hole_ID	From	To	Width	Samp_ID	Lab_Job	Ge	Hf	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Nb	Ni	P	Pb	Rb	Re	S%
BCGE-10-03	151.53	152.03	0.50	7R50796	8036	1.2	2.46	60	2.34	19.5	27.9	1.48	338	2.35	3.579	8.14	30.1	1381	14.22	78.7	0.060	0.32
BCGE-10-04	41.00	41.70	0.70	7R50797	8036	1.4	1.14	10	2.10	9.0	81.8	2.68	821	1.49	2.752	3.36	88.1	899	13.23	72.5	0.056	0.58
BCGE-10-04	41.70	42.00	0.30	7R50798	8036	1.1	1.12	35	1.68	9.5	106.5	3.82	1339	0.98	0.918	2.20	62.7	687	7.13	71.2	0.054	0.58
BCGE-10-04	42.00	43.30	1.30	7R50799	8036	1.8	3.10	25	2.93	29.5	47.7	1.37	1278	2.53	2.943	6.14	2.8	1782	13.44	96.8	0.056	0.84
BCGE-10-04	43.30	43.70	0.40	7R50802	8036	1.7	2.78	45	2.78	26.0	91.9	1.30	1042	14.03	1.976	5.14	3.9	1725	10.66	93.2	0.061	0.70
BCGE-10-04	43.70	44.20	0.50	7R50803	8036	2.3	3.44	30	2.91	33.5	43.8	1.54	1149	2.81	3.875	7.54	3.4	2170	13.29	79.5	0.053	1.24
BCGE-10-04	44.20	44.85	0.65	7R50804	8036	1.3	1.12	65	3.09	9.5	81.3	2.78	710	1.85	1.866	3.04	99.8	890	17.45	110.0	0.058	0.42
BCGE-10-04	44.85	45.75	0.90	7R50805	8036	1.2	1.06	65	2.25	11.0	77.1	2.54	598	1.55	2.269	3.00	81.5	912	9.86	97.5	0.058	0.36
BCGE-10-04	45.75	46.65	0.90	7R50806	8036	2.2	1.06	60	2.21	8.0	98.0	3.20	662	2.67	0.821	2.42	75.6	653	7.38	90.5	0.050	0.24
BCGE-10-04	46.65	47.55	0.90	7R50807	8036	1.9	1.02	50	1.87	7.5	79.2	2.60	725	1.43	1.683	2.90	77.6	769	8.59	62.7	0.055	0.52
BCGE-10-04	47.55	48.20	0.65	7R50809	8036	2.4	1.06	35	2.30	7.5	76.0	2.74	648	1.47	1.498	2.94	86.7	715	8.86	80.9	0.054	0.70
BCGE-10-04	48.20	49.10	0.90	7R50810	8036	2.9	1.06	55	1.87	9.0	61.9	3.27	742	1.38	1.697	2.88	63.0	852	7.70	66.9	0.048	0.40
BCGE-10-04	49.10	50.00	0.90	7R50811	8036	2.2	1.14	45	2.06	9.5	40.6	3.74	989	0.95	1.590	2.64	58.2	761	7.19	61.4	0.056	0.22
BCGE-10-04	50.00	50.80	0.80	7R50812	8036	2.1	1.10	50	2.25	9.5	49.5	2.71	694	1.29	1.778	3.16	80.3	886	8.04	86.8	0.055	0.46
BCGE-10-04	50.80	51.30	0.50	7R50813	8036	0.8	0.76	100	1.39	6.0	100.2	1.49	534	12.82	0.542	1.92	46.2	645	8.71	67.6	0.060	0.12
BCGE-10-04	51.30	51.90	0.60	7R50814	8036	0.3	0.28	95	0.99	2.5	154.2	0.55	120	39.83	0.201	0.90	22.6	223	11.03	44.0	0.061	0.24
BCGE-10-04	51.90	52.10	0.20	7R50817	8036	0.9	0.94	90	1.62	13.0	100.0	2.47	720	32.65	0.572	2.16	39.6	561	10.49	82.5	0.062	0.26
BCGE-10-04	52.10	52.50	0.40	7R50818	8036	1.5	1.08	75	1.74	10.0	78.5	2.39	572	1.76	0.753	3.02	69.1	795	15.27	88.6	0.059	0.36
BCGE-10-04	52.50	53.30	0.80	7R50819	8036	1.0	0.86	70	1.58	6.5	95.6	2.07	492	9.91	0.606	2.22	64.6	547	8.22	71.7	0.057	0.30
BCGE-10-04	53.30	54.30	1.00	7R50820	8036	1.7	1.28	70	1.98	11.5	45.7	2.81	846	1.26	2.073	3.40	65.2	878	10.80	65.5	0.061	0.44
BCGE-10-04	54.30	55.00	0.70	7R50821	8036	1.3	1.10	90	1.90	8.5	85.8	2.50	520	3.30	1.431	2.86	87.2	788	11.23	81.2	0.063	0.24
BCGE-10-04	55.00	55.80	0.80	7R50822	8036	1.4	1.18	90	2.42	11.0	92.0	3.04	630	1.71	0.858	2.62	69.9	832	10.89	100.0	0.060	0.20
BCGE-10-04	55.80	56.50	0.70	7R50823	8036	1.5	1.08	80	1.76	8.0	79.3	2.32	631	5.33	1.118	2.42	76.2	718	10.37	66.6	0.061	0.32
BCGE-10-04	58.90	59.40	0.50	7R50825	8036	1.1	1.34	30	2.30	12.0	53.0	1.42	800	10.76	1.064	2.74	55.2	734	14.58	100.2	0.065	0.78
BCGE-10-05	19.20	19.45	0.25	7R50827	8036	1.8	1.58	40	1.97	19.0	46.7	1.76	752	8.33	1.525	4.22	64.8	868	19.58	83.2	0.061	1.66
BCGE-10-05	19.45	19.70	0.25	7R50828	8036	1.2	1.10	45	1.97	11.0	65.8	1.35	912	36.98	0.548	2.64	49.9	831	18.55	83.7	0.061	1.50
BCGE-10-05	19.70	20.50	0.80	7R50829	8036	1.7	2.90	60	1.90	33.0	41.4	0.79	806	6.73	2.316	5.60	2.3	1136	27.50	66.6	0.059	1.40
BCGE-10-05	20.50	21.15	0.65	7R50830	8036	2.0	4.38	25	1.67	35.5	17.3	0.30	291	4.82	3.258	7.12	2.1	471	27.10	41.8	0.056	1.82
BCGE-10-05	31.10	31.75	0.65	7R50831	8036	1.1	1.62	105	1.29	12.0	35.4	2.44	3101	1.35	0.944	4.18	15.1	989	15.33	36.5	0.058	0.10
BCGE-10-05	38.60	39.45	0.85	7R50833	8036	1.7	1.64	40	2.36	11.5	68.5	1.92	758	3.69	1.620	4.72	47.4	877	32.88	94.8	0.057	0.30
BCGE-10-05	39.45	40.40	0.95	7R50834	8036	1.8	1.58	40	1.91	9.0	40.1	1.55	433	1.83	1.703	3.68	60.4	933	41.31	59.9	0.063	1.40
BCGE-10-05	40.40	40.90	0.50	7R50835	8036	2.4	1.82	40	2.27	13.0	39.2	2.24	1116	2.89	1.594	4.78	48.1	805	73.88	59.8	0.055	0.52
BCGE-10-05	44.70	45.60	0.90	7R50837	8036	1.1	1.38	75	1.81	7.5	47.1	1.28	376	2.65	0.571	5.52	45.1	781	15.83	60.2	0.058	0.14
BCGE-10-05	45.60	46.20	0.60	7R50838	8036	0.9	1.10	60	1.74	8.0	53.0	1.09	688	8.27	0.551	2.86	31.6	516	12.69	86.4	0.057	0.04
BCGE-10-05	46.20	46.70	0.50	7R50839	8036	0.8	0.86	75	1.50	4.0	60.5	1.02	636	7.57	0.408	1.88	21.3	351	10.62	76.5	0.055	-0.02

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Hole_ID	From	To	Width	Samp_ID	Lab_Job	Ge	Hf	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Nb	Ni	P	Pb	Rb	Re	S%
BCGE-10-05	46.70	47.20	0.50	7R50841	8036	0.9	0.92	60	1.63	5.5	63.8	1.11	851	5.07	0.526	2.10	24.4	349	10.70	80.8	0.057	0.04
BCGE-10-05	47.20	48.00	0.80	7R50842	8036	1.3	1.28	40	1.87	6.0	60.4	1.60	271	1.33	1.741	5.70	62.7	931	24.46	90.5	0.062	0.40
BCGE-10-05	48.00	48.60	0.60	7R50843	8036	1.1	1.42	70	1.96	7.5	68.9	1.83	616	3.52	0.831	4.30	40.6	816	17.39	54.8	0.060	0.18
BCGE-10-05	48.60	49.20	0.60	7R50844	8036	0.8	1.02	70	1.56	5.0	101.5	1.16	249	12.85	0.391	3.32	34.4	606	8.67	51.3	0.054	0.12
BCGE-10-05	49.20	49.90	0.70	7R50845	8036	1.1	1.30	60	1.81	11.0	79.5	1.34	281	12.08	1.061	4.24	42.6	852	17.88	73.9	0.056	0.06
BCGE-10-05	53.00	53.40	0.40	7R50846	8036	1.6	1.58	30	1.77	9.5	49.0	1.49	390	2.23	2.276	5.34	63.9	1076	19.28	59.9	0.057	0.92
BCGE-10-05	53.40	54.00	0.60	7R50849	8036	0.9	0.84	60	1.70	5.5	111.7	1.05	296	22.31	0.627	3.04	39.2	548	12.35	67.1	0.059	0.20
BCGE-10-05	54.00	54.50	0.50	7R50850	8036	1.1	1.36	60	2.17	6.0	65.1	1.29	253	3.87	0.598	5.56	68.8	948	19.85	58.7	0.067	0.26
BCGE-10-05	54.50	55.10	0.60	7R50851	8036	1.2	1.12	65	1.79	9.0	83.1	1.18	363	10.51	0.492	3.80	33.6	637	15.19	62.9	0.060	0.60
BCGE-10-05	55.10	55.80	0.70	7R50852	8036	1.1	1.58	55	2.21	9.0	75.0	2.01	542	5.89	0.685	5.10	39.6	845	15.89	65.8	0.059	0.12
BCGE-10-06	49.70	50.15	0.45	7R52001	8215			-5	2.46	14	58	2.56	1275	17	0.72		90	1430	21			0.60
BCGE-10-06	50.15	50.50	0.35	7R52002	8215			-5	2.24	6	58	1.18	620	15	0.24		35	660	36			0.04
BCGE-10-06	50.50	51.05	0.55	7R52003	8215			-5	0.60	4	80	0.21	530	23	0.09		13	110	24			0.08
BCGE-10-06	51.05	51.50	0.45	7R52004	8215			-5	3.77	6	46	1.86	540	5	1.25		83	980	30			0.68
BCGE-10-06	64.10	64.80	0.70	7R52006	8215			-5	2.25	6	60	1.29	445	7	0.31		56	790	21			0.03
BCGE-10-06	74.85	75.30	0.45	7R52007	8215			-5	1.07	4	66	0.90	845	17	0.13		17	410	21			0.13
BCGE-10-06	75.30	76.40	1.10	7R52008	8215			-5	2.45	8	56	1.72	440	15	0.17		47	790	39			0.47
BCGE-10-06	76.40	77.50	1.10	7R52009	8215			-5	3.23	8	48	1.86	430	28	0.23		101	1180	36			1.11
BCGE-10-06	77.50	78.60	1.10	7R52011	8215			-5	2.40	14	62	1.62	700	13	0.24		39	930	33			0.41
BCGE-10-06	78.60	79.10	0.50	7R52013	8215			-5	3.01	12	54	2.09	715	11	0.37		74	1130	42			0.99
BCGE-10-06	79.10	79.70	0.60	7R52014	8215			-5	2.37	10	46	1.47	830	8	0.49		52	680	33			1.03
BCGE-10-06	79.70	80.40	0.70	7R52015	8215			-5	3.66	8	54	2.32	565	5	0.36		66	880	33			1.19
BCGE-10-06	80.40	80.90	0.50	7R52016	8215			-5	2.92	10	64	2.07	610	12	0.22		57	850	30			0.90
BCGE-10-06	80.90	81.85	0.95	7R52018	8215			-5	0.52	4	80	0.39	950	12	0.10		12	130	21			0.13
BCGE-10-06	81.85	82.85	1.00	7R52020	8215			-5	3.80	14	40	2.02	730	10	1.00		84	1030	36			0.95
BCGE-10-06	89.65	90.20	0.55	7R52021	8215			-5	0.82	8	50	1.53	2755	18	0.32		34	1280	57			0.22
BCGE-10-07	13.40	14.00	0.60	7R52022	8215			-5	3.58	12	40	1.84	615	7	0.93		72	900	27			0.49
BCGE-10-07	14.00	14.65	0.65	7R52023	8215			-5	2.76	18	50	1.53	1210	10	0.39		56	650	30			0.86
BCGE-10-07	14.65	15.00	0.35	7R52024	8215			-5	0.91	6	96	0.53	685	27	0.11		24	210	21			0.26
BCGE-10-07	15.00	15.35	0.35	7R52025	8215			-5	3.63	10	28	1.14	495	4	1.13		83	890	33			1.06
BCGE-10-07	24.15	24.50	0.35	7R52027	8215			-5	1.91	16	84	1.20	495	18	0.23		57	500	24			1.16
BCGE-10-07	150.00	150.15	0.15	7R52028	8215			-5	1.10	6	100	0.93	330	71	0.20		30	390	39			0.07
BCGE-10-07	152.65	153.00	0.35	7R52029	8215			-5	2.47	8	50	1.47	380	9	0.47		51	820	33			0.11
BCGE-10-07	153.00	153.45	0.45	7R52030	8215			-5	0.72	6	112	0.59	225	7	0.10		18	280	9			0.57
BCGE-10-07	153.45	153.85	0.40	7R52032	8215			-5	2.90	28	34	1.96	1145	4	1.30		51	940	15			0.43

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Hole_ID	From	To	Width	Samp_ID	Lab_Job	Ge	Hf	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Nb	Ni	P	Pb	Rb	Re	S%	
BCGE-10-08	31.50	32.00	0.50	7R52034	8215			-5	3.21	10	58	1.71	380	3	2.15		56	1140	24			1.08	
BCGE-10-08	32.00	32.50	0.50	7R52035	8215			-5	3.07	12	58	1.78	565	9	0.61		58	970	18			0.82	
BCGE-10-08	32.50	33.15	0.65	7R52036	8215			-5	0.36	2	70	0.20	1345	19	0.09		9	60	9			0.08	
BCGE-10-08	33.15	33.75	0.60	7R52037	8215			-5	3.06	10	48	1.79	615	6	1.27		74	990	27			0.47	
BCGE-10-09	66.45	67.15	0.70	7R52039	8215			-5	1.43	12	28	1.97	1000	2	0.40		29	560	27			0.52	
BCGE-10-09	67.15	67.50	0.35	7R52041	8215			-5	1.69	8	84	1.06	415	53	0.13		41	480	18			0.34	
BCGE-10-09	67.50	68.00	0.50	7R52042	8215			-5	3.31	8	66	1.44	290	28	0.54		53	1050	18			0.47	
BCGE-10-09	68.00	68.70	0.70	7R52043	8215			-5	2.73	10	56	1.32	340	5	0.93		58	1030	18			0.79	
BCGE-10-09	68.70	69.40	0.70	7R52044	8215			-5	2.64	14	60	1.68	890	15	0.37		57	920	63			0.40	
BCGE-10-09	69.40	69.90	0.50	7R52045	8215			-5	1.15	8	66	0.67	755	44	0.13		21	340	12			0.07	
BCGE-10-09	69.90	70.30	0.40	7R52046	8215			-5	0.35	-2	120	1.03	380	20	0.08		10	190	6			0.05	
BCGE-10-09	70.30	70.90	0.60	7R52049	8215			-5	1.32	16	36	2.13	1850	11	0.42		47	1640	12			0.65	
BCGE-10-09	70.90	71.40	0.50	7R52050	8215			-5	2.24	14	60	2.30	1045	2	0.91		46	770	15			0.19	
BCGE-10-10	36.40	36.65	0.25	7R52051	8215			-5	2.57	6	38	1.15	540	4	1.26		33	880	18			0.61	
BCGE-10-10	36.65	36.90	0.25	7R52052	8215			-5	0.73	4	94	0.31	1170	106	0.10		8	180	18			0.19	
BCGE-10-10	36.90	37.40	0.50	7R52053	8215			-5	2.07	4	62	1.48	250	8	1.12		21	830	9			0.30	
BCGE-10-11	35.20	35.70	0.50	7R52056	8215			-5	2.66	8	40	1.63	430	3	1.86		72	940	24			0.99	
BCGE-10-11	35.70	36.05	0.35	7R52057	8215			-5	0.71	4	80	0.64	510	97	0.10		19	220	33			0.32	
BCGE-10-11	36.05	36.25	0.20	7R52059	8215			-5	1.58	10	32	1.31	1155	6	0.25		43	680	9			0.30	
BCGE-10-11	36.25	36.70	0.45	7R52060	8215			-5	2.21	6	60	1.85	565	11	0.45		60	750	21			0.50	
BCGE-10-12	38.70	39.30	0.60	7R52062	8215			-5	2.38	4	54	1.60	240	3	1.85		63	950	21			0.73	
BCGE-10-12	39.30	39.65	0.35	7R52063	8215			-5	1.75	6	82	1.20	720	48	0.20		29	400	18			0.27	
BCGE-10-12	39.65	40.00	0.35	7R52064	8215			-5	0.64	8	48	0.52	1195	8	0.09		7	140	6			0.23	
BCGE-10-12	40.00	40.25	0.25	7R52066	8215			-5	1.77	16	66	2.18	930	11	0.28		34	660	21			0.15	
BCGE-10-12	40.25	40.60	0.35	7R52068	8215			-5	2.34	6	56	1.51	270	3	2.06		57	1080	21			1.01	
BCGE-10-13	54.00	55.00	1.00	7R52069	8215			-5	2.33	10	34	1.50	520	5	1.04		56	950	24			0.74	
BCGE-10-13	55.00	56.20	1.20	7R52070	8215			-5	2.37	6	40	1.28	275	7	1.16		51	1020	18			0.84	
BCGE-10-13	56.20	56.75	0.55	7R52071	8215			-5	2.26	16	40	1.83	975	2	0.53		42	640	15			0.38	
BCGE-10-13	56.75	57.25	0.50	7R52073	8215			-5	2.10	8	50	1.64	425	3	1.77		81	1000	15			0.86	
n=134						Max Value:	4.4	6.64	200	3.8	54.5	154.2	4.9	3101	106	5.391	13.96	106.1	2262	73.88	116.5	0.105	1.84
Above 90th percentile:						Min Value:	0.3	0.2	-5	0.35	-2	13.2	0.14	120	0.78	0.013	0.44	2.1	60	5.61	16.36	0.011	-0.02
"<" replaced by "-"						90th percentile:	2.4	2.906	83.5	2.927	19.35	100	2.831	1256.2	28	2.7234	7.162	80.79	1377.4	33	93.797	0.0651	1.181
						95th percentile:	3.225	3.487	95	3.258	32.675	118.76	3.2245	1373.6	48.098	3.6613	7.855	86.875	1745	39	100.56	0.0692	1.487
						99th percentile:	3.847	5.929	103.35	3.7337	38.515	142.79	3.82	2631.6	88.42	4.6266	13.597	100.6	2246.8	61.02	111.37	0.0829	1.7672

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Hole_ID	From	To	Width	Samp_ID	Lab_Job	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti%	Tl	U	V	W	Y	Zn	Zr
BCGE-10-01	12.40	12.90	0.50	7R50763	8036	4.42	21.7	3.6	1.4	754.5	1.15	0.08	9.2	1.003	0.34	2.4	190	1.8		109.9	141.10
BCGE-10-01	12.90	13.40	0.50	7R50764	8036	2.10	21.1	3.8	1.5	690.5	3.25	0.12	8.5	0.978	0.60	2.0	186	2.7		78.8	119.90
BCGE-10-01	26.20	27.00	0.80	7R50765	8036	37.10	22.1	4.3	1.7	377.5	2.90	0.06	3.4	0.477	0.90	1.5	226	3.2		143.5	75.55
BCGE-10-01	46.70	47.70	1.00	7R50766	8036	1.78	20.2	3.7	2.4	273.0	2.35	0.14	17.2	0.424	0.38	4.7	4	2.7		113.2	231.00
BCGE-10-01	50.00	50.65	0.65	7R50767	8036	7.22	18.4	0.7	1.2	537.0	1.85	0.08	0.9	0.290	0.40	0.5	152	1.6		78.5	30.23
BCGE-10-01	51.85	52.10	0.25	7R50768	8036	7.12	18.5	0.8	1.1	403.0	1.35	0.04	0.9	0.279	0.40	0.4	160	2.0		61.8	25.28
BCGE-10-01	149.60	150.10	0.50	7R50770	8036	14.04	20.0	1.1	1.2	521.0	1.85	0.04	1.4	0.366	0.58	0.7	188	5.2		140.6	42.61
BCGE-10-01	150.10	150.60	0.50	7R50771	8036	10.96	9.7	0.4	1.0	298.5	0.55	0.04	0.5	0.139	0.18	0.2	72	2.7		51.5	11.45
BCGE-10-01	163.30	163.80	0.50	7R50772	8036	2.78	13.3	2.5	3.7	228.0	1.40	0.08	15.1	0.322	0.46	4.4	12	2.5		170.5	268.50
BCGE-10-01	175.10	176.10	1.00	7R50751	8028	7.58	35.0	1.1	1.3	644.5	0.60	0.20	2.2	0.716	0.66	1.2	280	0.3		77.1	72.15
BCGE-10-01	176.10	176.70	0.60	7R50753	8028	8.88	27.7	1.3	1.2	449.0	0.35	0.16	2.2	0.621	0.64	1.1	266	0.2		83.3	77.62
BCGE-10-01	176.70	176.83	0.13	7R50754	8028	108.30	2.7	1.4	0.5	89.0	0.05	1.40	0.2	0.054	0.24	0.1	158	-0.1		15.3	7.75
BCGE-10-01	176.83	177.25	0.42	7R50756	8028	44.52	25.7	1.2	1.0	186.0	0.75	0.08	1.8	0.547	1.02	0.9	304	0.4		86.9	41.32
BCGE-10-01	177.25	177.66	0.41	7R50757	8028	48.88	3.6	2.6	0.4	133.5	-0.05	0.48	0.3	0.074	0.24	0.2	156	0.2		17.3	11.23
BCGE-10-01	177.66	177.90	0.24	7R50759	8028	89.66	13.2	6.9	0.7	466.0	0.45	0.16	1.5	0.300	0.62	0.8	168	0.9		50.9	45.98
BCGE-10-01	177.90	178.40	0.50	7R50760	8028	11.60	26.8	1.1	1.2	581.0	0.80	0.16	2.6	0.616	0.78	1.4	262	0.4		101.3	90.35
BCGE-10-01	178.40	179.40	1.00	7R50762	8028	9.14	25.9	2.1	1.2	752.0	0.65	0.16	2.9	0.555	0.62	1.8	252	0.2		101.3	76.67
BCGE-10-02	13.25	14.25	1.00	7R50773	8036	5.56	14.0	2.4	1.1	161.0	1.25	0.08	9.1	0.282	1.12	3.1	130	1.4		36.9	95.12
BCGE-10-02	47.60	47.75	0.15	7R50774	8036	27.28	7.2	1.9	0.7	95.0	0.50	0.12	1.4	0.162	0.80	1.1	188	1.9		46.6	24.70
BCGE-10-03	10.95	11.45	0.50	7R50775	8036	4.84	21.9	3.4	1.3	714.5	1.35	0.12	8.6	1.023	0.32	2.2	196	1.2		62.6	133.20
BCGE-10-03	11.45	11.80	0.35	7R50777	8036	2.02	22.5	2.4	1.5	543.0	1.20	0.20	8.7	0.919	0.76	2.0	196	6.4		74.4	116.30
BCGE-10-03	11.80	12.60	0.80	7R50778	8036	5.14	22.6	2.1	1.3	186.0	1.05	0.06	3.1	0.499	1.10	1.4	230	3.1		96.2	59.72
BCGE-10-03	12.60	13.40	0.80	7R50779	8036	42.02	19.2	3.9	1.2	167.0	0.90	0.04	3.1	0.417	1.16	1.8	282	7.9		154.0	63.05
BCGE-10-03	13.40	13.55	0.15	7R50780	8036	161.90	6.0	7.0	0.7	192.0	0.30	0.10	1.0	0.126	0.56	0.7	132	5.8		126.0	18.63
BCGE-10-03	13.55	14.05	0.50	7R50781	8036	5.64	18.6	4.0	1.4	403.5	0.60	0.06	2.6	0.407	1.30	2.6	320	0.8		1103.0	67.60
BCGE-10-03	45.50	46.00	0.50	7R50782	8036	6.00	14.7	2.4	1.1	166.5	0.60	0.10	9.3	0.297	1.16	3.2	140	1.2		47.5	97.40
BCGE-10-03	46.00	46.30	0.30	7R50783	8036	25.98	7.1	1.8	0.7	90.5	0.20	0.14	1.3	0.156	0.74	1.0	180	1.5		45.3	23.52
BCGE-10-03	46.30	46.80	0.50	7R50785	8036	4.34	23.2	3.2	1.3	382.5	0.65	0.16	4.3	0.539	1.22	1.7	222	1.2		84.3	84.26
BCGE-10-03	86.50	87.00	0.50	7R50787	8036	1.80	6.9	0.4	0.8	543.0	0.40	0.06	3.0	0.196	0.38	1.4	64	0.6		57.1	47.88
BCGE-10-03	148.00	149.00	1.00	7R50788	8036	6.04	23.2	0.5	0.9	704.0	0.55	0.08	1.2	0.383	0.50	0.6	170	0.6		51.4	45.54
BCGE-10-03	149.00	149.50	0.50	7R50789	8036	8.54	25.6	0.7	1.0	623.0	0.55	0.04	1.2	0.423	0.48	0.6	200	1.0		55.2	52.88
BCGE-10-03	149.50	149.95	0.45	7R50790	8036	7.78	19.4	1.1	1.0	629.0	0.45	0.08	1.8	0.352	0.42	1.0	166	1.3		72.1	52.53
BCGE-10-03	149.95	150.55	0.60	7R50791	8036	8.16	22.0	1.6	1.1	533.5	0.50	0.06	2.3	0.448	0.54	1.1	202	1.3		72.1	58.00
BCGE-10-03	150.55	151.30	0.75	7R50793	8036	13.94	26.4	1.7	1.2	789.5	0.50	0.10	3.3	0.875	0.64	0.8	220	1.8		88.0	68.36
BCGE-10-03	151.30	151.53	0.23	7R50794	8036	17.34	3.0	0.3	0.8	38.0	0.05	0.14	0.7	0.056	0.48	0.3	346	0.5		59.1	8.67

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Hole_ID	From	To	Width	Samp_ID	Lab_Job	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti%	Tl	U	V	W	Y	Zn	Zr
BCGE-10-03	151.53	152.03	0.50	7R50796	8036	10.06	15.2	1.3	1.5	362.0	0.70	0.12	6.1	0.395	1.08	1.9	140	1.9		85.2	98.35
BCGE-10-04	41.00	41.70	0.70	7R50797	8036	4.98	27.8	1.0	1.1	572.0	0.40	0.06	1.4	0.469	0.70	0.6	210	1.3		71.0	43.69
BCGE-10-04	41.70	42.00	0.30	7R50798	8036	5.44	21.5	1.0	1.5	724.5	0.35	0.06	1.1	0.297	0.56	0.6	164	2.5		76.5	41.05
BCGE-10-04	42.00	43.30	1.30	7R50799	8036	1.88	17.6	1.9	1.1	564.0	0.50	0.06	8.3	0.765	0.66	2.1	160	3.1		100.8	119.60
BCGE-10-04	43.30	43.70	0.40	7R50802	8036	7.86	16.8	1.8	0.9	420.0	0.35	0.06	7.1	0.672	0.72	1.9	226	8.6		90.0	111.20
BCGE-10-04	43.70	44.20	0.50	7R50803	8036	1.60	22.0	2.0	1.2	717.0	0.55	0.16	9.0	0.981	0.56	2.3	198	0.9		116.2	138.90
BCGE-10-04	44.20	44.85	0.65	7R50804	8036	5.70	28.6	0.8	1.3	419.5	0.35	-0.02	1.4	0.433	0.88	0.7	210	2.0		81.0	44.83
BCGE-10-04	44.85	45.75	0.90	7R50805	8036	4.82	25.3	0.9	1.0	208.0	0.30	-0.02	1.2	0.414	0.68	0.6	178	3.1		69.4	40.06
BCGE-10-04	45.75	46.65	0.90	7R50806	8036	6.66	22.0	0.8	0.9	284.5	0.30	0.06	0.9	0.346	0.60	0.5	184	6.7		68.4	41.60
BCGE-10-04	46.65	47.55	0.90	7R50807	8036	4.68	22.5	1.1	0.8	330.5	0.35	0.04	0.9	0.396	0.58	0.5	186	2.9		67.0	38.87
BCGE-10-04	47.55	48.20	0.65	7R50809	8036	5.02	24.2	1.4	0.8	433.5	0.35	0.02	1.0	0.412	0.72	0.5	198	0.9		69.7	40.46
BCGE-10-04	48.20	49.10	0.90	7R50810	8036	4.70	23.2	1.1	0.9	469.5	0.35	0.02	1.0	0.396	0.74	0.5	178	1.1		63.2	40.17
BCGE-10-04	49.10	50.00	0.90	7R50811	8036	5.38	24.4	0.8	0.9	562.5	0.40	0.02	1.1	0.368	0.62	0.5	166	0.7		57.8	41.18
BCGE-10-04	50.00	50.80	0.80	7R50812	8036	6.70	27.0	1.0	0.9	330.0	0.45	100.00	1.2	0.449	0.78	0.6	196	2.8		65.0	41.75
BCGE-10-04	50.80	51.30	0.50	7R50813	8036	15.64	18.9	0.6	0.7	182.5	0.25	-0.02	0.9	0.260	0.66	0.4	210	10.2		46.8	28.27
BCGE-10-04	51.30	51.90	0.60	7R50814	8036	50.36	5.3	1.1	0.5	57.0	0.05	-0.02	0.5	0.105	0.56	0.2	132	5.3		24.1	9.95
BCGE-10-04	51.90	52.10	0.20	7R50817	8036	61.96	19.0	2.1	0.8	264.0	0.30	0.04	0.9	0.285	0.72	0.5	224	5.9		52.9	33.94
BCGE-10-04	52.10	52.50	0.40	7R50818	8036	11.92	26.7	0.9	1.8	162.5	0.35	0.02	1.2	0.409	0.82	0.5	184	5.2		101.3	40.76
BCGE-10-04	52.50	53.30	0.80	7R50819	8036	29.58	19.1	0.8	0.7	166.0	0.25	-0.02	0.9	0.294	0.66	0.5	160	5.9		56.1	31.28
BCGE-10-04	53.30	54.30	1.00	7R50820	8036	6.58	29.7	1.1	1.0	509.0	0.35	0.04	1.3	0.451	0.64	0.6	196	0.8		72.6	47.44
BCGE-10-04	54.30	55.00	0.70	7R50821	8036	6.52	25.9	0.8	0.8	264.5	0.35	0.04	1.4	0.407	0.74	0.7	202	6.1		68.9	41.54
BCGE-10-04	55.00	55.80	0.80	7R50822	8036	6.96	25.5	0.7	0.7	313.5	0.30	0.04	1.3	0.364	0.76	0.6	190	6.5		67.5	44.30
BCGE-10-04	55.80	56.50	0.70	7R50823	8036	6.96	24.1	0.8	0.7	296.0	0.30	0.06	1.2	0.334	0.70	0.6	192	4.3		57.9	40.35
BCGE-10-04	58.90	59.40	0.50	7R50825	8036	15.12	14.7	2.2	0.8	321.0	0.30	0.08	2.7	0.286	1.02	1.2	174	3.5		109.9	49.38
BCGE-10-05	19.20	19.45	0.25	7R50827	8036	12.74	20.1	5.9	1.3	142.0	0.35	0.08	3.1	0.433	1.26	1.5	194	1.2		70.4	57.85
BCGE-10-05	19.45	19.70	0.25	7R50828	8036	75.90	12.0	6.3	1.0	125.5	0.25	0.10	2.1	0.264	0.98	1.3	218	6.5		85.5	40.10
BCGE-10-05	19.70	20.50	0.80	7R50829	8036	24.92	15.0	5.1	1.0	236.0	0.35	0.16	10.2	0.412	0.74	2.5	90	6.6		135.7	111.10
BCGE-10-05	20.50	21.15	0.65	7R50830	8036	12.00	13.6	5.7	1.7	147.0	0.35	0.24	13.5	0.204	0.66	3.0	2	1.6		23.1	176.30
BCGE-10-05	31.10	31.75	0.65	7R50831	8036	3.26	7.5	0.7	1.1	1140.0	0.30	0.06	3.6	0.188	0.24	1.7	64	0.5		83.9	58.56
BCGE-10-05	38.60	39.45	0.85	7R50833	8036	6.86	13.7	1.6	1.0	315.0	0.35	0.08	3.9	0.341	1.00	1.3	136	2.4		90.4	59.74
BCGE-10-05	39.45	40.40	0.95	7R50834	8036	4.98	13.2	3.1	1.0	126.0	0.30	0.10	2.5	0.336	1.20	1.5	168	1.6		120.1	56.12
BCGE-10-05	40.40	40.90	0.50	7R50835	8036	5.06	15.1	1.8	1.4	508.0	0.30	0.04	3.6	0.360	0.58	1.4	156	2.5		270.2	65.15
BCGE-10-05	44.70	45.60	0.90	7R50837	8036	4.82	7.7	0.9	0.9	59.5	0.35	0.04	2.1	0.351	1.22	1.4	148	3.6		80.0	46.42
BCGE-10-05	45.60	46.20	0.60	7R50838	8036	7.76	9.4	0.7	0.6	360.5	0.25	0.08	2.6	0.209	0.90	1.1	94	2.6		29.4	38.19
BCGE-10-05	46.20	46.70	0.50	7R50839	8036	8.32	6.3	0.4	0.5	315.0	0.15	0.06	1.9	0.132	0.86	0.8	76	5.1		35.4	29.11

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Hole_ID	From	To	Width	Samp_ID	Lab_Job	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti%	TI	U	V	W	Y	Zn	Zr
BCGE-10-05	46.70	47.20	0.50	7R50841	8036	7.60	6.7	0.5	0.6	453.5	0.20	0.06	2.1	0.131	0.92	0.9	68	5.0		33.2	33.32
BCGE-10-05	47.20	48.00	0.80	7R50842	8036	7.40	11.3	1.7	1.0	63.5	0.30	0.08	1.9	0.477	1.20	1.4	196	4.6		61.1	45.20
BCGE-10-05	48.00	48.60	0.60	7R50843	8036	10.12	10.1	1.4	1.0	207.0	0.30	0.04	2.5	0.304	0.98	1.0	136	4.6		171.9	49.84
BCGE-10-05	48.60	49.20	0.60	7R50844	8036	25.14	7.0	1.4	0.7	37.0	0.20	0.14	1.8	0.228	0.86	1.2	150	1.2		38.3	34.67
BCGE-10-05	49.20	49.90	0.70	7R50845	8036	9.82	11.0	0.7	0.8	68.5	0.25	0.08	3.2	0.300	0.92	1.6	138	1.3		96.3	46.50
BCGE-10-05	53.00	53.40	0.40	7R50846	8036	4.88	11.5	2.3	0.9	180.0	0.30	0.04	2.8	0.420	1.22	1.7	166	0.6		129.0	55.95
BCGE-10-05	53.40	54.00	0.60	7R50849	8036	33.58	8.3	1.7	0.7	108.5	0.15	0.08	2.1	0.227	0.74	0.9	156	2.8		46.6	29.03
BCGE-10-05	54.00	54.50	0.50	7R50850	8036	30.32	10.4	2.2	1.1	54.0	0.30	-0.02	1.5	0.451	1.18	1.3	210	3.1		79.9	49.51
BCGE-10-05	54.50	55.10	0.60	7R50851	8036	86.30	8.7	4.0	0.8	108.5	0.25	0.04	2.4	0.240	0.86	1.0	114	5.0		57.8	38.80
BCGE-10-05	55.10	55.80	0.70	7R50852	8036	26.20	9.9	1.2	0.9	119.5	0.20	0.10	3.2	0.295	1.04	1.4	114	3.7		146.6	54.12
BCGE-10-06	49.70	50.15	0.45	7R52001	8215	10	17	-10	-5	204				0.40		-5	392	-5	20	482	
BCGE-10-06	50.15	50.50	0.35	7R52002	8215	15	12	-10	-5	298				0.25		-5	130	-5	10	74	
BCGE-10-06	50.50	51.05	0.55	7R52003	8215	55	3	-10	-5	264				0.05		-5	104	-5	4	14	
BCGE-10-06	51.05	51.50	0.45	7R52004	8215	10	13	-10	-5	98				0.47		-5	298	5	10	258	
BCGE-10-06	64.10	64.80	0.70	7R52006	8215	10	12	-10	-5	156				0.31		-5	166	-5	9	52	
BCGE-10-06	74.85	75.30	0.45	7R52007	8215	35	4	-10	-5	376				0.11		-5	184	-5	7	118	
BCGE-10-06	75.30	76.40	1.10	7R52008	8215	135	10	-10	-5	46				0.32		-5	164	10	8	158	
BCGE-10-06	76.40	77.50	1.10	7R52009	8215	25	13	-10	-5	48				0.39		-5	164	10	9	80	
BCGE-10-06	77.50	78.60	1.10	7R52011	8215	65	13	-10	-5	150				0.31		-5	132	10	14	134	
BCGE-10-06	78.60	79.10	0.50	7R52013	8215	40	17	-10	-5	92				0.43		-5	256	10	14	176	
BCGE-10-06	79.10	79.70	0.60	7R52014	8215	150	16	-10	-5	222				0.31		-5	170	10	12	32	
BCGE-10-06	79.70	80.40	0.70	7R52015	8215	35	16	-10	-5	60				0.47		-5	214	10	9	50	
BCGE-10-06	80.40	80.90	0.50	7R52016	8215	30	14	-10	-5	38				0.38		-5	206	15	8	122	
BCGE-10-06	80.90	81.85	0.95	7R52018	8215	25	3	-10	-5	352				0.05		-5	168	-5	4	4	
BCGE-10-06	81.85	82.85	1.00	7R52020	8215	35	17	-10	-5	180				0.44		-5	268	-5	15	216	
BCGE-10-06	89.65	90.20	0.55	7R52021	8215	30	11	-10	5	310				0.19		-5	296	-5	19	582	
BCGE-10-07	13.40	14.00	0.60	7R52022	8215	5	17	-10	-5	156				0.45		-5	226	-5	13	320	
BCGE-10-07	14.00	14.65	0.65	7R52023	8215	35	17	-10	-5	546				0.36		-5	182	10	17	218	
BCGE-10-07	14.65	15.00	0.35	7R52024	8215	50	6	-10	-5	262				0.12		-5	222	-5	7	44	
BCGE-10-07	15.00	15.35	0.35	7R52025	8215	70	18	-10	-5	194				0.47		-5	250	-5	11	134	
BCGE-10-07	24.15	24.50	0.35	7R52027	8215	805	12	20	-5	92				0.27		-5	196	15	13	1016	
BCGE-10-07	150.00	150.15	0.15	7R52028	8215	20	10	-10	-5	66				0.17		-5	384	-5	5	40	
BCGE-10-07	152.65	153.00	0.35	7R52029	8215	20	13	-10	-5	60				0.36		-5	332	-5	8	76	
BCGE-10-07	153.00	153.45	0.45	7R52030	8215	190	4	-10	-5	68				0.09		-5	94	-5	4	48	
BCGE-10-07	153.45	153.85	0.40	7R52032	8215	20	19	-10	-5	294				0.40		-5	188	5	23	156	

## 2010 Drilling - Table of Geochemical Results - Page #12

Hole_ID	From	To	Width	Samp_ID	Lab_Job	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti%	Tl	U	V	W	Y	Zn	Zr
BCGE-10-08	31.50	32.00	0.50	7R52034	8215	5	13	-10	-5	160				0.39		-5	200	-5	8	130	
BCGE-10-08	32.00	32.50	0.50	7R52035	8215	40	14	-10	-5	158				0.35		-5	200	-5	12	126	
BCGE-10-08	32.50	33.15	0.65	7R52036	8215	55	2	-10	-5	802				0.03		-5	102	-5	4	6	
BCGE-10-08	33.15	33.75	0.60	7R52037	8215	10	15	-10	-5	252				0.42		-5	222	-5	14	134	
BCGE-10-09	66.45	67.15	0.70	7R52039	8215	-5	10	-10	-5	272				0.17		-5	84	-5	17	520	
BCGE-10-09	67.15	67.50	0.35	7R52041	8215	410	10	-10	-5	110				0.19		-5	258	10	7	94	
BCGE-10-09	67.50	68.00	0.50	7R52042	8215	40	12	-10	-5	118				0.37		-5	208	10	10	102	
BCGE-10-09	68.00	68.70	0.70	7R52043	8215	20	12	-10	-5	168				0.28		-5	170	-5	10	128	
BCGE-10-09	68.70	69.40	0.70	7R52044	8215	10	15	-10	-5	224				0.25		-5	196	5	16	208	
BCGE-10-09	69.40	69.90	0.50	7R52045	8215	15	6	-10	-5	746				0.13		-5	240	-5	10	50	
BCGE-10-09	69.90	70.30	0.40	7R52046	8215	50	1	-10	-5	172				0.03		-5	196	-5	3	8	
BCGE-10-09	70.30	70.90	0.60	7R52049	8215	15	13	-10	-5	458				0.24		-5	216	-5	25	112	
BCGE-10-09	70.90	71.40	0.50	7R52050	8215	10	15	-10	-5	566				0.33		-5	148	-5	17	46	
BCGE-10-10	36.40	36.65	0.25	7R52051	8215	10	9	-10	-5	166				0.30		-5	118	-5	9	80	
BCGE-10-10	36.65	36.90	0.25	7R52052	8215	50	2	-10	-5	418				0.05		-5	278	-5	7	22	
BCGE-10-10	36.90	37.40	0.50	7R52053	8215	-5	5	-10	-5	60				0.24		-5	86	-5	6	62	
BCGE-10-11	35.20	35.70	0.50	7R52056	8215	5	12	-10	-5	136				0.40		-5	230	-5	7	78	
BCGE-10-11	35.70	36.05	0.35	7R52057	8215	320	4	-10	-5	186				0.08		-5	274	-5	5	134	
BCGE-10-11	36.05	36.25	0.20	7R52059	8215	15	12	-10	-5	1122				0.23		-5	176	-5	15	108	
BCGE-10-11	36.25	36.70	0.45	7R52060	8215	15	9	-10	-5	66				0.35		-5	268	-5	7	84	
BCGE-10-12	38.70	39.30	0.60	7R52062	8215	10	9	-10	-5	104				0.38		-5	186	-5	5	152	
BCGE-10-12	39.30	39.65	0.35	7R52063	8215	60	9	-10	-5	256				0.18		-5	314	5	8	12	
BCGE-10-12	39.65	40.00	0.35	7R52064	8215	10	2	-10	-5	1390				0.04		-5	194	-5	12	10	
BCGE-10-12	40.00	40.25	0.25	7R52066	8215	10	12	-10	-5	216				0.24		-5	158	-5	14	1112	
BCGE-10-12	40.25	40.60	0.35	7R52068	8215	-5	9	-10	-5	126				0.35		-5	162	-5	5	92	
BCGE-10-13	54.00	55.00	1.00	7R52069	8215	15	12	-10	-5	150				0.32		-5	152	-5	12	122	
BCGE-10-13	55.00	56.20	1.20	7R52070	8215	40	9	-10	-5	118				0.30		-5	136	-5	9	110	
BCGE-10-13	56.20	56.75	0.55	7R52071	8215	10	13	-10	-5	466				0.26		-5	126	-5	14	110	
BCGE-10-13	56.75	57.25	0.50	7R52073	8215	5	11	-10	-5	310				0.40		-5	204	-5	7	152	

n=134	Max Value:	805	35	20	5	1390	3.25	100	17.2	1.023	1.3	4.7	392	15	25	1112	268.5
Above 90th percentile:	Min Value:	-5	1	-10	-5	37	-0.05	-0.02	0.2	0.03	0.18	-5	2	-5	3	4	7.75
"<" replaced by "-"	90th percentile:	61.372	25.44	3.54	1.3	639.85	1.26	0.16	8.73	0.527	1.162	1.9	268	7.54	17	171.48	116.63
	95th percentile:	140.25	26.87	5.31	1.57	748.1	1.875	0.252	10.365	0.7332	1.22	2.535	307.5	10	20.9	376.7	140.77
	99th percentile:	380.3	29.337	6.967	3.271	1134.1	2.9735	22.106	15.541	0.9957	1.2684	4.004	371.46	13.416	23.94	1074.3	238.88

**BCGold Corp QA/QC Samples- Page #1**

Samp_ID	Sample_Type	Lab_Job_ID	Au_4_1000	Au_4_250	Au_3_30	Ag_FA_30	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Ce	Co	Cr	Cs	Cu	Fe%
7R50755	BCGBlank	AW10-8028	-0.03				0.1	0.10	3.2	17.0		0.04	>10	0.09	1.13	0.5	4.5	0.20	1.4	0.45
7R50758	BCGBlank	AW10-8028	-0.03				0.1	0.12	2.6	15.0		0.04	>10	0.07	1.20	0.6	6.0	0.20	1.2	0.49
7R50769	BCGBlank	AW10-8036			-0.03		0.1	0.20	3.1	13.5		0.04	>10	0.08	1.00	0.8	7.0	0.26	1.3	0.48
7R50795	BCGBlank	AW10-8036			-0.03		0.1	0.26	2.4	18.5		0.04	>10	0.07	1.38	0.5	4.0	0.28	1.4	0.44
7R50815	BCGBlank	AW10-8036			-0.03		0.1	0.29	2.3	19.0		0.06	>10	0.07	1.41	0.6	9.5	0.28	2.0	0.45
7R50836	BCGBlank	AW10-8036			-0.03		0.1	0.20	2.5	21.5		0.04	>10	0.08	1.13	0.5	6.5	0.22	2.4	0.44
7R52019	BCGBlank	AW10-8215			-0.03		0.3	5.54	5	364	1	-5	>10	-1		8	160		10	2.70
7R52031	BCGBlank	AW10-8215			-0.03		0.2	5.37	5	392	-1	-5	>10	-1		7	130		6	2.26
7R52047	BCGBlank	AW10-8215			-0.03		0.3	5.51	-5	418	1	-5	>10	-1		5	118		10	2.25
7R52058	BCGBlank	AW10-8215			-0.03		0.3	4.78	-5	392	-1	-5	>10	-1		3	132		6	2.26
7R50832	BCGStand61d	AW10-8036			4.62		9.1	8.04	7.0	389.0		0.18	3.62	1.68	29.79	26.9	90.0	2.74	100.6	5.65
7R52067	BCGStand61d	AW10-8215			4.85		9.1	8.56	5	358	2	-5	4.20	2		27	90		104	5.44
7R50761	BCGStand61d	AW10-8028	4.56				9.6	8.59	9.7	403.5		0.16	4.03	1.82	33.97	28.3	88.0	3.22	105.5	6.03
7R50776	BCGStand61d	AW10-8036			4.65		9.2	8.27	9.5	394.5		0.18	3.70	1.80	29.79	29.3	92.5	2.74	109.7	6.08
7R50792	BCGStand61d	AW10-8036			4.71		9.3	7.96	8.5	380.0		0.16	3.81	1.79	29.68	28.8	94.0	2.88	111.3	6.13
7R50808	BCGStand61d	AW10-8036			4.60		9.4	8.45	7.8	388.5		0.16	4.07	1.75	31.35	26.1	83.0	2.96	98.9	5.40
7R50824	BCGStand61d	AW10-8036			4.69		9.2	8.47	8.9	371.5		0.16	3.76	1.65	29.99	27.5	82.0	2.96	104.9	5.89
7R50848	BCGStand61d	AW10-8036			4.59		9.5	8.33	7.5	377.5		0.16	3.76	1.66	28.33	27.7	85.5	2.78	106.0	5.89
7R52005	BCGStand61d	AW10-8215			4.85		9.1	8.36	10	360	-1	-5	4.02	2		30	90		106	5.65
7R52017	BCGStand61d	AW10-8215			4.71		9.2	8.39	10	362	-1	-5	3.98	2		30	92		104	5.67
7R52033	BCGStand61d	AW10-8215			4.80		9.2	8.52	10	354	-1	-5	4.15	2		30	90		102	5.55
7R52038	BCGStand61d	AW10-8215			4.79		9.3	8.42	10	370	-1	-5	4.07	2		29	90		110	5.51
7R52055	BCGStand61d	AW10-8215			4.83		9.0	8.46	10	364	-1	-5	4.01	2		29	90		102	5.55
7R50784	BCGStand7Pb	AW10-8036			2.70		0.2	8.32	2166.0	711.0		0.82	0.03	0.11	92.82	1.1	195.0	10.90	112.9	4.25
7R50752	BCGStand7Pb	AW10-8028	2.72				0.2	8.85	2060.0	824.5		0.84	0.01	0.12	98.45	1.0	179.0	12.26	114.7	3.97
7R50800	BCGStand7Pb	AW10-8036			2.74		0.2	7.75	2051.0	674.5		0.88	0.03	0.11	94.47	1.0	182.5	10.18	102.3	3.86
7R50816	BCGStand7Pb	AW10-8036			2.74		0.2	7.76	1957.0	661.0		0.84	0.02	0.08	79.60	1.0	170.0	9.76	99.1	3.75
7R50840	BCGStand7Pb	AW10-8036			2.76		0.2	8.07	1971.0	770.0		0.78	0.01	0.09	86.74	1.0	166.5	9.20	98.9	3.40
7R52010	BCGStand7Pb	AW10-8215			2.77		-0.2	7.60	2120	722	14	-5	-0.01	-1		1	196		100	3.46
7R52026	BCGStand7Pb	AW10-8215			2.69		0.2	7.75	2110	730	13	-5	-0.01	-1		1	198		102	3.35
7R52048	BCGStand7Pb	AW10-8215			2.68		0.2	7.78	2090	716	10	-5	-0.01	-1		-1	194		106	3.40
7R52061	BCGStand7Pb	AW10-8215			2.71		-0.2	7.81	2130	690	9	-5	-0.01	-1		-1	200		100	3.36
7R52072	BCGStand7Pb	AW10-8215			2.69		0.2	7.90	2185	720	12	-5	0.01	-1		-1	198		106	3.47
7R50785		AW10-8036			-0.03		0.4	>10	9.3	1192.0		0.38	3.75	0.23	33.07	20.8	250.5	6.38	88.4	5.70
7R50786	BCGDuplicate	AW10-8036			-0.03		0.4	9.86	10.3	1318.0		0.36	3.41	0.15	29.69	19.8	243.5	5.96	86.7	5.22
7R50799		AW10-8036			-0.03		0.3	8.75	3.0	769.5		0.12	6.01	0.19	59.95	12.7	52.0	6.28	13.1	6.08
7R50801	BCGDuplicate	AW10-8036			-0.03		0.2	>10	5.8	799.0		0.10	5.32	0.20	67.08	14.6	53.0	7.22	14.8	6.86
7R50820		AW10-8036			-0.03		0.2	7.50	4.7	875.0		0.10	5.75	0.09	23.86	19.0	466.0	4.62	34.9	4.94
7R50826	BCGDuplicate	AW10-8036			-0.03		0.2	7.67	6.5	940.5		0.10	4.97	0.06	21.79	18.7	409.0	5.84	37.7	4.58
7R50846		AW10-8036			-0.03		0.4	5.71	11.0	488.0		0.18	1.03	0.73	18.60	18.3	194.5	10.22	77.3	4.41
7R50847	BCGDuplicate	AW10-8036			-0.03		0.4	5.30	10.1	505.0		0.18	0.71	0.10	16.19	18.9	183.5	10.50	79.6	4.35
7R52011		AW10-8215			0.35		1.4	7.10	290	276	2	-5	5.12	-1		11	200		46	3.19
7R52012	BCGDuplicate	AW10-8215			0.32		1.5	6.94	145	292	2	-5	4.98	-1		12	204		52	3.31
7R52039		AW10-8215			0.03		0.4	4.69	10	756	-1	-5	7.84	5		9	212		50	3.99
7R52040	BCGDuplicate	AW10-8215			0.06		0.5	4.81	15	708	-1	-5	9.73	9		10	180		50	4.37
7R52053		AW10-8215			-0.03		0.7	4.69	70	294	-1	-5	0.91	-1		9	92		32	3.10
7R52054	BCGDuplicate	AW10-8215			-0.03		0.7	4.90	45	306	1	-5	1.11	-1		10	96		36	3.20
7R52062		AW10-8215			-0.03		0.6	5.31	25	624	3	-5	0.50	-1		17	190		78	4.42
7R52065	BCGDuplicate	AW10-8215			-0.03		0.6	4.88	30	600	2	-5	0.46	-1		17	198		76	4.40



**BCGold Corp QA/QC Samples- Page #2**

Samp_ID	Sample_Type	Lab_Job_ID	Ga	Ge	Hf	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Nb	Ni	P	Pb	Rb	Re	S%
7R50755	BCGBlank	AW10-8028	0.3	0.3	0.14	20	0.05	0.5	1.4	13.75	219	0.24	0.029	0.14	1.6	168	1.84	1.4	0.011	0.04
7R50758	BCGBlank	AW10-8028	0.3	0.2	0.14	25	0.05	0.5	1.2	13.60	226	0.53	0.031	0.20	1.8	165	4.11	1.5	0.011	0.04
7R50769	BCGBlank	AW10-8036	0.4	0.2	0.30	75	0.14	1.0	1.7	12.47	212	0.39	0.385	0.14	2.0	178	3.63	2.2	0.064	0.04
7R50795	BCGBlank	AW10-8036	0.7	-0.1	0.30	85	0.10	0.5	1.1	13.81	211	0.53	0.425	0.16	1.7	161	3.38	2.7	0.055	0.04
7R50815	BCGBlank	AW10-8036	0.7	0.1	0.26	85	0.12	0.5	1.2	13.57	209	0.51	0.463	0.20	2.0	173	4.23	2.8	0.060	0.04
7R50836	BCGBlank	AW10-8036	0.5	-0.1	0.32	70	0.12	0.5	1.1	12.28	201	0.28	0.332	0.10	1.8	133	3.24	1.8	0.055	0.06
7R52019	BCGBlank	AW10-8215				-5	2.08	26	10	3.72	820	-1	1.83		10	310	10			0.06
7R52031	BCGBlank	AW10-8215				-5	2.36	34	14	3.99	695	1	1.85		11	380	9			0.03
7R52047	BCGBlank	AW10-8215				-5	2.32	32	16	3.59	825	-1	1.79		7	380	9			0.06
7R52058	BCGBlank	AW10-8215				-5	2.18	30	12	3.53	735	-1	1.37		6	360	9			0.04
7R50832	BCGStand61d	AW10-8036	16.1	1.7	2.92	125	1.92	14.0	41.5	2.24	1008	15.12	2.298	6.54	60.3	1014	26.32	51.0	0.059	0.72
7R52067	BCGStand61d	AW10-8215				-5	2.13	14	36	2.50	1015	15	1.76		53	1020	21			0.72
7R50761	BCGStand61d	AW10-8028	18.8	3.4	3.26	45	2.23	16.0	39.4	2.60	1128	16.11	0.422	8.56	59.2	1098	22.56	92.5	0.013	0.98
7R50776	BCGStand61d	AW10-8036	17.8	1.6	2.88	115	2.46	14.0	40.6	2.58	1136	15.44	2.659	6.76	66.4	1162	21.94	76.4	0.063	0.82
7R50792	BCGStand61d	AW10-8036	17.3	2.6	2.86	105	2.24	14.0	47.0	2.46	1092	15.52	2.570	6.64	65.6	1089	23.79	71.3	0.056	0.82
7R50808	BCGStand61d	AW10-8036	15.0	2.9	3.06	105	2.04	12.0	42.9	2.35	1059	13.71	2.329	7.12	58.4	999	20.40	56.8	0.051	0.80
7R50824	BCGStand61d	AW10-8036	16.4	1.6	2.92	125	1.96	14.0	44.4	2.35	1054	15.13	2.491	6.48	62.3	1011	24.23	62.6	0.057	0.72
7R50848	BCGStand61d	AW10-8036	16.5	2.0	2.96	105	2.28	13.0	44.5	2.32	1048	15.31	2.505	6.74	66.1	1070	24.14	69.1	0.058	0.76
7R52005	BCGStand61d	AW10-8215				-5	2.22	10	40	2.47	1060	14	2.33		56	1010	21			0.73
7R52017	BCGStand61d	AW10-8215				-5	2.22	10	42	2.53	1060	15	2.34		60	1020	21			0.75
7R52033	BCGStand61d	AW10-8215				-5	2.18	10	36	2.52	1030	15	1.91		51	1100	21			0.75
7R52038	BCGStand61d	AW10-8215				-5	2.15	12	38	2.48	1020	14	1.87		51	1080	21			0.74
7R52055	BCGStand61d	AW10-8215				-5	2.21	10	38	2.48	1025	16	1.87		52	1100	24			0.76
7R50784	BCGStand7Pb	AW10-8036	25.0	2.1	3.60	115	2.47	44.5	64.6	0.50	85	3.28	0.781	5.62	13.1	423	30.62	119.2	0.114	0.04
7R50752	BCGStand7Pb	AW10-8028	25.8	3.3	3.86	85	2.49	50.0	51.4	0.48	83	3.21	0.057	7.96	10.7	397	20.98	160.3	0.016	0.04
7R50800	BCGStand7Pb	AW10-8036	22.1	2.1	3.42	130	2.55	47.0	62.0	0.46	78	3.13	0.701	6.12	11.2	349	30.25	136.7	0.055	0.02
7R50816	BCGStand7Pb	AW10-8036	21.3	2.3	3.40	120	2.33	48.5	53.5	0.42	73	2.95	0.642	5.94	10.7	341	28.27	115.6	0.058	0.04
7R50840	BCGStand7Pb	AW10-8036	20.4	2.3	3.22	125	2.33	51.5	52.6	0.35	64	3.02	0.484	6.08	10.1	344	32.95	104.5	0.058	0.04
7R52010	BCGStand7Pb	AW10-8215				-5	3.59	28	46	0.38	70	3	0.20		10	350	36			-0.01
7R52026	BCGStand7Pb	AW10-8215				-5	3.54	26	44	0.40	75	3	0.23		11	360	33			-0.01
7R52048	BCGStand7Pb	AW10-8215				-5	2.52	26	46	0.37	70	3	0.20		10	350	33			0.01
7R52061	BCGStand7Pb	AW10-8215				-5	2.54	28	40	0.41	60	3	0.19		9	350	30			-0.01
7R52072	BCGStand7Pb	AW10-8215				-5	2.59	28	42	0.39	60	3	0.18		10	340	33			-0.01
7R50785		AW10-8036	23.8	1.6	2.12	70	1.83	16.0	46.8	1.71	470	3.45	3.828	6.62	74.5	1369	15.78	55.1	0.105	0.90
7R50786	BCGDuplicate	AW10-8036	21.5	1.4	1.96	60	2.03	15.0	39.3	1.52	432	3.02	3.398	5.98	68.1	1239	15.06	60.0	0.084	0.84
7R50799		AW10-8036	20.8	1.8	3.10	25	2.93	29.5	47.7	1.37	1278	2.53	2.943	6.14	2.8	1782	13.44	96.8	0.056	0.84
7R50801	BCGDuplicate	AW10-8036	23.5	2.0	3.34	45	3.19	33.0	53.5	1.56	1212	2.39	3.421	6.84	3.2	2129	11.12	98.2	0.060	1.06
7R50820		AW10-8036	15.8	1.7	1.28	70	1.98	11.5	45.7	2.81	846	1.26	2.073	3.40	65.2	878	10.80	65.5	0.061	0.44
7R50826	BCGDuplicate	AW10-8036	15.7	1.6	1.24	75	1.96	10.0	46.8	2.51	754	1.29	1.923	3.20	65.3	841	9.25	67.7	0.059	0.42
7R50846		AW10-8036	17.6	1.6	1.58	30	1.77	9.5	49.0	1.49	390	2.23	2.276	5.34	63.9	1076	19.28	59.9	0.057	0.92
7R50847	BCGDuplicate	AW10-8036	18.0	1.3	1.58	40	1.89	8.0	54.8	1.42	316	2.37	2.288	5.40	65.6	1093	19.71	60.3	0.063	0.86
7R52011		AW10-8215				-5	2.40	14	62	1.62	700	13	0.24		39	930	33			0.41
7R52012	BCGDuplicate	AW10-8215				-5	2.50	12	68	1.63	695	18	0.24		43	920	42			0.46
7R52039		AW10-8215				-5	1.43	12	28	1.97	1000	2	0.40		29	560	27			0.52
7R52040	BCGDuplicate	AW10-8215				-5	1.42	12	34	2.13	1230	2	0.41		29	600	27			0.69
7R52053		AW10-8215				-5	2.07	4	62	1.48	250	8	1.12		21	830	9			0.30
7R52054	BCGDuplicate	AW10-8215				-5	2.13	6	60	1.44	265	8	1.18		23	880	12			0.32
7R52062		AW10-8215				-5	2.38	4	54	1.60	240	3	1.85		63	950	21			0.73
7R52065	BCGDuplicate	AW10-8215				-5	2.27	4	64	1.55	215	3	1.81		62	930	21			0.82

**BCGold Corp QA/QC Samples- Page #3**

Samp_ID	Sample_Type	Lab_Job_ID	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti%	Tl	U	V	W	Y	Zn	Zr
7R50755	BCGBlank	AW10-8028	0.62	0.3	-0.1	0.2	52.5	0.35	-0.02	-0.1	0.002	0.04	0.7	2	-0.1		16.4	3.97
7R50758	BCGBlank	AW10-8028	0.34	0.4	-0.1	0.2	50.5	0.30	-0.02	-0.1	0.003	0.04	0.7	2	-0.1		16.2	4.77
7R50769	BCGBlank	AW10-8036	0.08	0.6	-0.1	0.3	44.0	0.25	0.02	0.2	0.006	0.04	0.8	6	0.1		15.7	4.99
7R50795	BCGBlank	AW10-8036	0.04	0.4	-0.1	0.2	42.0	0.30	-0.02	0.1	0.004	0.02	0.5	2	-0.1		11.6	6.75
7R50815	BCGBlank	AW10-8036	0.06	0.4	-0.1	0.2	41.0	0.20	0.02	0.1	0.005	0.02	0.7	4	-0.1		14.0	8.25
7R50836	BCGBlank	AW10-8036	0.02	0.4	-0.1	0.1	36.5	0.10	-0.02	-0.1	0.003	-0.02	0.6	2	0.2		14.3	4.59
7R52019	BCGBlank	AW10-8215	-5	8	-10	-5	248				0.20		-5	28	-5	28	40	
7R52031	BCGBlank	AW10-8215	-5	5	-10	-5	234				0.20		-5	30	-5	35	38	
7R52047	BCGBlank	AW10-8215	-5	4	-10	-5	250				0.21		-5	38	-5	34	34	
7R52058	BCGBlank	AW10-8215	-5	5	-10	-5	236				0.19		-5	28	-5	30	30	
7R50832	BCGStand61d	AW10-8036	1.06	17.8	1.5	1.3	295.5	0.70	4.50	3.1	0.629	0.86	0.9	146	1.3		103.7	107.90
7R52067	BCGStand61d	AW10-8215	-5	18	-10	-5	302				0.69		-5	154	-5	15	102	
7R50761	BCGStand61d	AW10-8028	1.30	20.2	1.5	1.6	400.0	0.90	6.26	3.2	0.772	0.88	0.9	168	0.2		110.3	127.30
7R50776	BCGStand61d	AW10-8036	0.96	20.6	1.6	1.5	313.0	1.05	4.30	2.8	0.693	0.86	0.8	164	1.9		113.4	113.80
7R50792	BCGStand61d	AW10-8036	0.94	20.0	1.5	1.4	306.5	0.85	4.42	2.8	0.672	0.84	0.8	160	1.5		120.1	112.60
7R50808	BCGStand61d	AW10-8036	1.02	18.1	1.2	1.2	357.5	0.90	4.10	2.1	0.691	0.78	0.4	142	1.2		101.1	117.71
7R50824	BCGStand61d	AW10-8036	0.92	17.9	1.6	1.2	299.5	0.85	4.88	2.9	0.633	0.86	0.8	152	1.4		105.4	121.20
7R50848	BCGStand61d	AW10-8036	0.98	18.5	1.6	1.3	306.5	0.80	4.36	2.8	0.643	0.86	0.7	154	1.2		120.6	113.50
7R52005	BCGStand61d	AW10-8215	-5	19	-10	-5	300				0.65		-5	158	-5	16	110	
7R52017	BCGStand61d	AW10-8215	-5	19	-10	-5	304				0.66		-5	160	-5	16	100	
7R52033	BCGStand61d	AW10-8215	-5	19	-10	-5	298				0.63		-5	164	-5	16	106	
7R52038	BCGStand61d	AW10-8215	-5	19	-10	-5	306				0.62		-5	162	-5	15	110	
7R52055	BCGStand61d	AW10-8215	-5	19	-10	-5	286				0.63		-5	164	-5	16	106	
7R50784	BCGStand7Pb	AW10-8036	151.30	16.6	2.3	5.7	143.5	0.55	0.16	14.8	0.220	1.32	3.5	122	12.2		19.5	129.00
7R50752	BCGStand7Pb	AW10-8028	175.80	16.3	2.4	6.2	171.0	0.75	0.20	15.3	0.277	1.34	3.6	124	2.0		15.2	131.40
7R50800	BCGStand7Pb	AW10-8036	141.60	15.5	2.4	5.3	134.5	0.45	0.02	14.9	0.241	1.22	3.4	108	11.3		17.8	118.40
7R50816	BCGStand7Pb	AW10-8036	140.50	13.7	2.1	5.3	125.5	0.60	0.08	14.5	0.260	1.26	3.6	106	11.9		16.7	116.10
7R50840	BCGStand7Pb	AW10-8036	142.60	12.7	1.8	5.5	144.0	0.65	0.06	13.5	0.266	1.26	3.5	102	9.8		17.0	113.60
7R52010	BCGStand7Pb	AW10-8215	150	13	-10	5	132				0.23		-5	106	15	6	20	
7R52026	BCGStand7Pb	AW10-8215	155	12	-10	5	130				0.22		-5	110	15	6	20	
7R52048	BCGStand7Pb	AW10-8215	155	10	-10	5	128				0.18		-5	112	15	6	18	
7R52061	BCGStand7Pb	AW10-8215	150	9	-10	5	122				0.17		-5	106	10	5	18	
7R52072	BCGStand7Pb	AW10-8215	150	8	-10	5	132				0.19		-5	110	15	5	18	
7R50785		AW10-8036	4.34	23.2	3.2	1.3	382.5	0.65	0.16	4.3	0.539	1.22	1.7	222	1.2		84.3	84.26
7R50786	BCGDuplicate	AW10-8036	3.66	20.6	2.9	1.2	337.5	0.60	0.06	3.9	0.491	1.16	1.6	200	1.1		78.9	76.12
7R50799		AW10-8036	1.88	17.6	1.9	1.1	564.0	0.50	0.06	8.3	0.765	0.66	2.1	160	3.1		100.8	119.60
7R50801	BCGDuplicate	AW10-8036	2.12	21.3	2.0	1.2	568.5	0.55	0.06	8.9	0.915	0.74	2.3	190	2.4		112.9	134.50
7R50820		AW10-8036	6.58	29.7	1.1	1.0	509.0	0.35	0.04	1.3	0.451	0.64	0.6	196	0.8		72.6	47.44
7R50826	BCGDuplicate	AW10-8036	6.98	28.0	1.0	1.0	451.5	0.30	0.08	1.3	0.433	0.74	0.6	192	0.9		68.5	45.02
7R50846		AW10-8036	4.88	11.5	2.3	0.9	180.0	0.30	0.04	2.8	0.420	1.22	1.7	166	0.6		129.0	55.95
7R50847	BCGDuplicate	AW10-8036	3.90	11.0	2.3	1.0	165.5	0.30	0.06	2.5	0.430	1.28	1.7	170	0.5		63.6	54.82
7R52011		AW10-8215	65	13	-10	-5	150				0.31		-5	132	10	14	134	
7R52012	BCGDuplicate	AW10-8215	55	12	-10	-5	138				0.30		-5	142	10	12	96	
7R52039		AW10-8215	-5	10	-10	-5	272				0.17		-5	84	-5	17	520	
7R52040	BCGDuplicate	AW10-8215	-5	11	-10	-5	312				0.18		-5	88	-5	21	896	
7R52053		AW10-8215	-5	5	-10	-5	60				0.24		-5	86	-5	6	62	
7R52054	BCGDuplicate	AW10-8215	-5	5	-10	-5	70				0.26		-5	92	-5	6	72	
7R52062		AW10-8215	10	9	-10	-5	104				0.38		-5	186	-5	5	152	
7R52065	BCGDuplicate	AW10-8215	5	8	-10	-5	92				0.38		-5	188	-5	4	140	

### Echotech Laboratory QA/QC Samples - Page #1

Samp_ID	Sample_Type	Lab_Job_ID	Au_4_1000	Au_4_250	Au_3_30	Ag_FA_30	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Ce	Co	Cr	Cs	Cu	Fe%
7R50751	LabResplit	AW10-8028					0.2	9.92	24.4	876.5		0.08	5.20	0.11	27.60	23.7	352.0	2.10	58.9	6.34
7R50751	LabResplit	AW10-8028	-0.03																	
7R50751	LabRepeat	AW10-8028					0.2	9.20	22.0	779.5		0.08	4.84	0.09	26.56	23.3	324.5	2.14	54.5	6.08
7R50751		AW10-8028	-0.03				0.2	>10	25.2	869.0		0.10	5.30	0.10	28.90	26.4	360.0	2.30	60.6	6.56
7R50754	LabResplit	AW10-8028					>30	1.35	196.6	93.0		0.06	1.86	0.09	2.64	3.4	266.5	1.54	57.7	1.09
7R50754		AW10-8028	67.2			69.6	>30	1.35	199.7	92.0		0.08	1.87	0.10	2.54	3.4	257.5	1.50	57.0	1.08
7R50760	LabResplit	AW10-8028					0.3	9.73	29.0	919.0		0.08	5.30	0.36	25.39	24.3	293.0	6.90	52.0	6.29
7R50760		AW10-8028	0.03				0.3	9.87	35.0	923.0		0.08	5.40	0.34	25.37	24.5	296.0	6.86	53.0	6.46
7R50763	LabRepeat	AW10-8036			-0.03															
7R50763	LabRepeat	AW10-8036					0.4	9.83	3.4	243.5		0.90	4.82	0.53	69.01	14.3	65.5	1.04	20.9	7.00
7R50763	LabResplit	AW10-8036			-0.03															
7R50763	LabResplit	AW10-8036					0.4	>10	2.1	132.0		0.30	5.25	0.50	70.92	15.5	71.5	1.06	22.4	7.42
7R50763		AW10-8036			-0.03		0.4	>10	5.1	184.0		0.48	5.02	0.49	68.75	14.6	66.0	1.06	21.4	7.08
7R50772	LabRepeat	AW10-8036			-0.03															
7R50772	LabRepeat	AW10-8036					0.2	7.06	2.3	312.0		0.26	1.58	0.94	75.79	1.7	150.0	1.22	23.7	4.65
7R50772		AW10-8036			-0.03		0.3	7.35	5.0	482.0		0.60	1.63	0.98	86.85	1.7	141.5	1.26	22.9	4.61
7R50779	LabRepeat	AW10-8036			0.21															
7R50779		AW10-8036			0.18		1.2	8.59	247.4	323.5		0.48	4.24	0.98	23.59	18.0	212.0	8.90	80.7	5.27
7R50780	LabRepeat	AW10-8036			1.18															
7R50780		AW10-8036			1.20		1.7	2.68	497.9	90.0		0.30	7.31	1.36	9.02	6.0	265.0	3.54	26.1	2.74
7R50781	LabRepeat	AW10-8036			-0.03															
7R50781	LabRepeat	AW10-8036					0.9	7.26	8.7	508.5		0.34	9.17	16.83	24.63	17.1	185.0	6.06	78.9	5.96
7R50781		AW10-8036			-0.03		1.2	7.65	10.2	645.5		0.48	9.83	16.81	24.88	17.8	198.5	6.16	81.2	6.18
7R50798	LabRepeat	AW10-8036			-0.03															
7R50798	LabRepeat	AW10-8036					0.2	5.77	9.0	562.5		0.12	>10	0.15	19.34	15.7	346.5	8.28	61.8	5.68
7R50798	LabResplit	AW10-8036			-0.03															
7R50798	LabResplit	AW10-8036					0.3	4.68	10.0	517.0		0.10	>10	0.24	17.85	13.0	297.0	6.06	56.8	5.44
7R50798		AW10-8036			-0.03		0.2	5.62	8.0	587.0		0.14	>10	0.16	18.84	15.4	335.5	8.06	58.8	5.47
7R50807	LabRepeat	AW10-8036			-0.03															
7R50807	LabRepeat	AW10-8036					0.3	6.79	8.0	525.0		0.12	4.14	0.12	19.86	18.4	403.0	6.96	41.2	4.80
7R50807		AW10-8036			-0.03		0.3	6.60	9.0	495.5		0.14	4.30	0.18	15.80	18.7	423.0	6.32	41.3	4.79
7R50816	LabRepeat	AW10-8036			2.79															
7R50816	LabRepeat	AW10-8036					1.8	5.32	217.9	197.0		0.10	8.33	0.13	26.11	10.6	354.0	5.72	21.1	3.86
7R50816	BCGStand7Pb	AW10-8036			2.74		0.2	7.76	1957.0	661.0		0.84	0.02	0.08	79.60	1.0	170.0	9.76	99.1	3.75
7R50817	LabRepeat	AW10-8036			0.36															
7R50817		AW10-8036			0.34		1.3	5.15	146.3	189.5		0.08	8.07	0.12	25.47	10.5	382.0	5.44	21.0	3.77
7R50829	LabRepeat	AW10-8036			0.18															
7R50829		AW10-8036			0.14		0.9	7.11	158.0	191.5		0.10	5.34	0.80	66.20	7.4	79.5	3.14	42.6	4.59
7R50833	LabRepeat	AW10-8036			-0.03															
7R50833	LabRepeat	AW10-8036					0.6	7.63	36.3	386.5		0.24	5.08	0.38	23.81	16.4	136.0	7.58	69.8	4.66
7R50833	LabResplit	AW10-8036			-0.03															
7R50833	LabResplit	AW10-8036					0.5	7.80	35.5	374.5		0.22	5.19	0.41	21.69	15.9	138.0	7.52	68.4	4.59
7R50833		AW10-8036			-0.03		0.6	7.29	25.6	354.5		0.22	4.65	0.36	22.43	15.1	127.5	7.30	63.8	4.36
7R50842	LabRepeat	AW10-8036			-0.03															
7R50842	LabRepeat	AW10-8036					0.9	4.85	64.9	357.0		0.20	0.57	0.11	10.16	16.6	158.0	7.30	84.3	5.00
7R50842		AW10-8036			-0.03		0.9	5.47	72.9	390.5		0.24	0.60	0.08	12.77	16.7	158.5	8.02	86.1	5.14
7R52001	LabResplit	AW10-8215			-0.03															
7R52001	LabRepeat	AW10-8215					0.6	8.34	15	892	2	-5	7.03	7		18	172		86	6.30
7R52001	LabRepeat	AW10-8215			-0.03															
7R52001	LabResplit	AW10-8215					0.7	8.50	15	870	2	-5	6.61	9		19	182		92	6.37
7R52001		AW10-8215			-0.03		0.7	8.28	10	882	1	-5	6.96	7		18	172		88	6.26
7R52008	LabRepeat	AW10-8215			1.01															
7R52008		AW10-8215			1.01		2.9	5.62	300	260	2	-5	1.38	-1		14	220		64	3.74
7R52011	LabRepeat	AW10-8215			0.37															
7R52011	LabRepeat	AW10-8215					1.1	6.88	275	256	1	-5	5.48	-1		10	198		42	3.08



### Echotech Laboratory QA/QC Samples - Page #3

Samp_ID	Sample_Type	Lab_Job_ID	Ga	Ge	Hf	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Nb	Ni	P	Pb	Rb	Re	S%
7R50751	LabResplit	AW10-8028	18.7	3.2	2.32	20	2.02	13.0	56.8	3.08	1067	0.88	0.693	4.80	59.6	1199	9.05	69.5	0.012	1.46
7R50751	LabRepeat	AW10-8028																		
7R50751	LabRepeat	AW10-8028	19.1	3.4	1.86	20	2.10	13.0	55.3	2.79	965	0.86	0.646	4.80	56.1	1123	9.03	66.9	0.011	1.34
7R50751	LabRepeat	AW10-8028	20.2	3.7	2.50	25	2.07	14.0	57.0	3.11	1093	0.99	0.717	5.46	62.7	1269	9.14	71.3	0.011	1.50
7R50754	LabResplit	AW10-8028	3.4	0.5	0.20	90	0.40	1.0	140.5	0.14	166	8.13	0.020	0.48	14.7	84	7.70	22.1	0.012	0.28
7R50754	LabRepeat	AW10-8028	3.4	0.7	0.20	90	0.40	1.0	137.9	0.14	165	7.74	0.020	0.44	14.2	88	7.38	21.4	0.012	0.26
7R50760	LabResplit	AW10-8028	20.9	3.5	2.44	20	2.53	11.5	51.4	3.07	911	2.59	0.270	5.24	61.4	1031	8.27	109.3	0.013	0.64
7R50760	LabRepeat	AW10-8028	21.3	3.7	2.54	15	2.49	11.5	54.9	3.13	928	2.48	0.276	5.36	63.2	1038	8.77	107.5	0.012	0.68
7R50763	LabRepeat	AW10-8036																		
7R50763	LabRepeat	AW10-8036	24.2	2.4	3.60	45	1.91	34.0	19.3	1.33	1292	2.69	4.157	7.72	3.2	2149	16.40	40.1	0.057	1.34
7R50763	LabResplit	AW10-8036																		
7R50763	LabResplit	AW10-8036	25.3	2.4	3.56	25	2.11	34.5	22.1	1.46	1400	2.78	4.591	8.04	3.7	2208	13.86	42.5	0.052	1.42
7R50763	LabRepeat	AW10-8036	24.7	2.4	3.62	35	2.06	34.0	21.2	1.36	1349	2.75	4.206	8.02	3.4	2216	15.38	42.1	0.059	1.50
7R50772	LabRepeat	AW10-8036																		
7R50772	LabRepeat	AW10-8036	27.2	1.9	6.30	55	2.04	34.5	12.1	0.18	659	5.24	4.816	13.94	3.2	453	19.06	32.5	0.058	1.52
7R50772	LabRepeat	AW10-8036	27.2	1.9	6.64	55	2.12	40.0	13.2	0.18	652	4.99	4.687	13.96	3.3	440	19.50	38.8	0.056	1.48
7R50779	LabRepeat	AW10-8036																		
7R50779	LabRepeat	AW10-8036	22.8	1.4	1.68	65	2.21	12.0	74.2	1.70	812	18.67	1.098	4.06	76.2	1037	12.49	93.7	0.065	0.64
7R50780	LabRepeat	AW10-8036																		
7R50780	LabRepeat	AW10-8036	10.7	0.6	0.52	80	0.93	4.5	129.2	0.73	876	32.40	0.206	1.20	28.7	400	9.05	48.5	0.062	0.64
7R50781	LabRepeat	AW10-8036																		
7R50781	LabRepeat	AW10-8036	16.1	1.7	1.80	55	2.12	12.0	24.5	1.72	1746	17.83	2.158	3.54	78.4	1194	16.37	73.4	0.073	0.88
7R50781	LabRepeat	AW10-8036	16.4	1.6	1.78	50	2.44	12.0	27.5	1.83	1810	18.49	2.254	3.66	81.0	1227	16.60	82.1	0.069	0.96
7R50798	LabRepeat	AW10-8036																		
7R50798	LabRepeat	AW10-8036	13.1	1.8	1.16	25	1.77	9.5	107.3	3.89	1389	0.90	0.991	2.28	64.9	719	8.86	73.1	0.052	0.60
7R50798	LabResplit	AW10-8036																		
7R50798	LabResplit	AW10-8036	11.1	1.0	0.98	35	1.33	9.0	99.9	3.77	1363	1.15	0.854	1.94	53.3	628	10.15	58.3	0.058	0.54
7R50798	LabRepeat	AW10-8036	12.6	1.1	1.12	35	1.68	9.5	106.5	3.82	1339	0.98	0.918	2.20	62.7	687	7.13	71.2	0.054	0.58
7R50807	LabRepeat	AW10-8036																		
7R50807	LabRepeat	AW10-8036	14.8	1.3	1.12	60	1.39	9.5	79.1	2.61	699	1.52	1.609	2.94	76.7	722	10.43	60.5	0.070	0.46
7R50807	LabRepeat	AW10-8036	15.4	1.9	1.02	50	1.87	7.5	79.2	2.60	725	1.43	1.683	2.90	77.6	769	8.59	62.7	0.055	0.52
7R50816	LabRepeat	AW10-8036																		
7R50816	LabRepeat	AW10-8036	14.7	1.1	0.94	90	1.62	13.5	92.2	2.54	739	33.25	0.557	2.22	39.9	582	11.19	80.7	0.060	0.28
7R50816	BCGStand7Pb	AW10-8036	21.3	2.3	3.40	120	2.33	48.5	53.5	0.42	73	2.95	0.642	5.94	10.7	341	28.27	115.6	0.058	0.04
7R50817	LabRepeat	AW10-8036																		
7R50817	LabRepeat	AW10-8036	14.4	0.9	0.94	90	1.62	13.0	100.0	2.47	720	32.65	0.572	2.16	39.6	561	10.49	82.5	0.062	0.26
7R50829	LabRepeat	AW10-8036																		
7R50829	LabRepeat	AW10-8036	20.0	1.7	2.90	60	1.90	33.0	41.4	0.79	806	6.73	2.316	5.60	2.3	1136	27.50	66.6	0.059	1.40
7R50833	LabRepeat	AW10-8036																		
7R50833	LabRepeat	AW10-8036	21.2	1.8	1.74	55	2.33	12.5	70.4	1.99	817	3.87	1.664	5.04	52.2	905	37.39	95.3	0.059	0.36
7R50833	LabResplit	AW10-8036																		
7R50833	LabResplit	AW10-8036	21.1	1.8	1.62	15	2.60	11.0	73.6	2.03	785	3.76	1.739	4.94	50.6	941	39.33	95.1	0.058	0.32
7R50833	LabRepeat	AW10-8036	19.3	1.7	1.64	40	2.36	11.5	68.5	1.92	758	3.69	1.620	4.72	47.4	877	32.88	94.8	0.057	0.30
7R50842	LabRepeat	AW10-8036																		
7R50842	LabRepeat	AW10-8036	21.3	1.2	1.14	40	1.92	4.5	63.9	1.58	261	1.42	1.725	5.54	63.5	940	20.38	82.7	0.059	0.38
7R50842	LabRepeat	AW10-8036	20.9	1.3	1.28	40	1.87	6.0	60.4	1.60	271	1.33	1.741	5.70	62.7	931	24.46	90.5	0.062	0.40
7R52001	LabResplit	AW10-8215																		
7R52001	LabRepeat	AW10-8215				-5	2.50	16	56	2.64	1340	17	0.73		89	1440	21			0.60
7R52001	LabRepeat	AW10-8215																		
7R52001	LabResplit	AW10-8215				-5	2.57	18	56	2.70	1320	20	0.72		92	1420	18			0.61
7R52001	LabRepeat	AW10-8215				-5	2.46	14	58	2.56	1275	17	0.72		90	1430	21			0.60
7R52008	LabRepeat	AW10-8215																		
7R52008	LabRepeat	AW10-8215				-5	2.45	8	56	1.72	440	15	0.17		47	790	39			0.47
7R52011	LabRepeat	AW10-8215																		
7R52011	LabRepeat	AW10-8215				-5	2.36	12	58	1.58	670	13	0.24		36	880	30			0.38



**Echotech Laboratory QA/QC Samples - Page #5**

Samp_ID	Sample_Type	Lab_Job_ID	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti%	Tl	U	V	W	Y	Zn	Zr
7R50751	LabResplit	AW10-8028	7.72	33.0	1.0	1.0	635.0	0.75	0.12	2.0	0.698	0.54	1.1	274	0.1		75.1	69.61
7R50751	LabResplit	AW10-8028																
7R50751	LabRepeat	AW10-8028	6.98	30.8	1.0	1.0	585.0	0.55	0.20	2.0	0.627	0.52	1.1	250	0.1		71.6	65.58
7R50751		AW10-8028	7.58	35.0	1.1	1.3	644.5	0.60	0.20	2.2	0.716	0.66	1.2	280	0.3		77.1	72.15
7R50754	LabResplit	AW10-8028	112.10	2.6	1.4	0.5	91.5	0.05	1.48	0.2	0.054	0.24	0.1	156	-0.1		15.6	7.66
7R50754		AW10-8028	108.30	2.7	1.4	0.5	89.0	0.05	1.40	0.2	0.054	0.24	0.1	158	-0.1		15.3	7.75
7R50760	LabResplit	AW10-8028	11.24	26.6	1.1	1.2	582.0	0.60	0.16	2.6	0.617	0.76	1.4	258	0.4		101.1	82.28
7R50760		AW10-8028	11.60	26.8	1.1	1.2	581.0	0.80	0.16	2.6	0.616	0.78	1.4	262	0.4		101.3	90.35
7R50763	LabRepeat	AW10-8036																
7R50763	LabRepeat	AW10-8036	4.40	21.1	3.5	1.3	722.5	1.45	0.10	9.4	0.953	0.32	2.5	182	1.3		108.0	138.00
7R50763	LabResplit	AW10-8036																
7R50763	LabResplit	AW10-8036	4.20	22.4	3.3	1.0	748.5	0.85	0.12	9.5	1.037	0.32	2.5	200	0.8		117.1	142.50
7R50763		AW10-8036	4.42	21.7	3.6	1.4	754.5	1.15	0.08	9.2	1.003	0.34	2.4	190	1.8		109.9	141.10
7R50772	LabRepeat	AW10-8036																
7R50772	LabRepeat	AW10-8036	2.76	13.0	2.3	3.6	213.0	0.80	0.08	13.1	0.333	0.46	3.5	12	2.4		172.3	258.70
7R50772		AW10-8036	2.78	13.3	2.5	3.7	228.0	1.40	0.08	15.1	0.322	0.46	4.4	12	2.5		170.5	268.50
7R50779	LabRepeat	AW10-8036																
7R50779		AW10-8036	42.02	19.2	3.9	1.2	167.0	0.90	0.04	3.1	0.417	1.16	1.8	282	7.9		154.0	63.05
7R50780	LabRepeat	AW10-8036																
7R50780		AW10-8036	161.90	6.0	7.0	0.7	192.0	0.30	0.10	1.0	0.126	0.56	0.7	132	5.8		126.0	18.63
7R50781	LabRepeat	AW10-8036																
7R50781	LabRepeat	AW10-8036	5.18	17.9	4.0	1.3	396.5	0.45	0.08	2.6	0.382	1.30	2.7	304	0.7		1062.0	67.18
7R50781		AW10-8036	5.64	18.6	4.0	1.4	403.5	0.60	0.06	2.6	0.407	1.30	2.6	320	0.8		1103.0	67.60
7R50798	LabRepeat	AW10-8036																
7R50798	LabRepeat	AW10-8036	5.56	23.0	1.0	1.6	751.0	0.40	0.04	1.1	0.312	0.58	0.6	170	2.6		80.2	44.51
7R50798	LabResplit	AW10-8036																
7R50798	LabResplit	AW10-8036	5.26	18.9	1.1	1.9	730.0	0.20	0.12	1.1	0.254	0.46	0.5	158	2.2		79.8	35.66
7R50798		AW10-8036	5.44	21.5	1.0	1.5	724.5	0.35	0.06	1.1	0.297	0.56	0.6	164	2.5		76.5	41.05
7R50807	LabRepeat	AW10-8036																
7R50807	LabRepeat	AW10-8036	4.76	25.4	1.1	0.7	335.5	0.35	0.04	1.3	0.377	0.64	0.7	180	3.1		65.9	40.52
7R50807		AW10-8036	4.68	22.5	1.1	0.8	330.5	0.35	0.04	0.9	0.396	0.58	0.5	186	2.9		67.0	38.87
7R50816	LabRepeat	AW10-8036																
7R50816	LabRepeat	AW10-8036	63.40	18.7	2.0	0.8	275.0	0.25	0.06	1.0	0.293	0.74	0.5	230	5.7		55.5	34.00
7R50816	BCGStand7Pb	AW10-8036	140.50	13.7	2.1	5.3	125.5	0.60	0.08	14.5	0.260	1.26	3.6	106	11.9		16.7	116.10
7R50817	LabRepeat	AW10-8036																
7R50817		AW10-8036	61.96	19.0	2.1	0.8	264.0	0.30	0.04	0.9	0.285	0.72	0.5	224	5.9		52.9	33.94
7R50829	LabRepeat	AW10-8036																
7R50829		AW10-8036	24.92	15.0	5.1	1.0	236.0	0.35	0.16	10.2	0.412	0.74	2.5	90	6.6		135.7	111.10
7R50833	LabRepeat	AW10-8036																
7R50833	LabRepeat	AW10-8036	7.60	14.2	1.5	1.0	342.0	0.35	0.08	4.1	0.355	1.08	1.3	144	2.6		100.7	61.64
7R50833	LabResplit	AW10-8036																
7R50833	LabResplit	AW10-8036	7.58	14.9	1.5	1.0	317.0	0.30	0.10	3.7	0.364	1.04	1.1	146	2.4		94.9	60.39
7R50833		AW10-8036	6.86	13.7	1.6	1.0	315.0	0.35	0.08	3.9	0.341	1.00	1.3	136	2.4		90.4	59.74
7R50842	LabRepeat	AW10-8036																
7R50842	LabRepeat	AW10-8036	7.10	9.7	1.4	1.0	58.5	0.25	0.10	1.5	0.471	1.16	1.3	194	4.4		59.3	40.57
7R50842		AW10-8036	7.40	11.3	1.7	1.0	63.5	0.30	0.08	1.9	0.477	1.20	1.4	196	4.6		61.1	45.20
7R52001	LabResplit	AW10-8215																
7R52001	LabRepeat	AW10-8215	10	18	-10	-5	218				0.40		-5	390	-5	22	486	
7R52001	LabRepeat	AW10-8215																
7R52001	LabResplit	AW10-8215	15	19	-10	-5	202				0.42		-5	394	-5	22	506	
7R52001		AW10-8215	10	17	-10	-5	204				0.40		-5	392	-5	20	482	
7R52008	LabRepeat	AW10-8215																
7R52008		AW10-8215	135	10	-10	-5	46				0.32		-5	164	10	8	158	
7R52011	LabRepeat	AW10-8215																
7R52011	LabRepeat	AW10-8215	60	12	-10	-5	144				0.28		-5	126	10	13	138	





### Correlation Matrix for 2010 Drilling

Index	Au	Ag	Al%	As	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	V	W	Zn	
Au	1.000																																	
Ag	0.994	1.000																																
Al%	-0.194	-0.216	1.000																															
As	0.128	0.138	-0.345	1.000																														
Ba	-0.140	-0.157	0.596	-0.409	1.000																													
Bi	0.083	0.101	-0.167	0.147	-0.078	1.000																												
Ca%	0.057	0.057	-0.139	-0.115	-0.120	0.146	1.000																											
Cd	0.001	0.004	0.055	0.186	-0.002	0.139	0.173	1.000																										
Co	-0.164	-0.183	0.674	-0.245	0.592	-0.141	-0.260	0.050	1.000																									
Cr	0.032	0.038	-0.135	0.040	0.077	-0.233	-0.025	-0.074	0.256	1.000																								
Cu	-0.036	-0.040	0.341	0.019	0.309	0.196	-0.408	0.165	0.566	-0.152	1.000																							
Fe%	-0.192	-0.214	0.833	-0.380	0.545	-0.239	-0.115	0.148	0.739	-0.028	0.358	1.000																						
Hg	-0.030	-0.054	-0.097	-0.084	-0.053	-0.739	-0.103	-0.130	-0.113	0.239	-0.308	-0.024	1.000																					
K%	-0.204	-0.223	0.697	-0.186	0.555	0.148	-0.338	0.046	0.647	-0.212	0.542	0.598	-0.299	1.000																				
La	-0.109	-0.122	0.640	-0.216	0.233	-0.105	-0.003	0.060	0.067	-0.409	-0.037	0.570	-0.032	0.379	1.000																			
Li	0.119	0.147	-0.526	0.392	-0.411	-0.153	-0.130	-0.102	-0.312	0.407	-0.274	-0.484	0.281	-0.465	-0.459	1.000																		
Mg%	-0.152	-0.166	0.458	-0.403	0.483	-0.256	0.121	0.019	0.708	0.419	0.129	0.641	0.128	0.321	0.017	-0.221	1.000																	
Mn	-0.076	-0.087	0.185	-0.309	0.146	-0.002	0.699	0.289	-0.031	-0.187	-0.286	0.322	-0.007	-0.059	0.315	-0.366	0.289	1.000																
Mo	0.432	0.450	-0.463	0.358	-0.409	0.229	0.078	0.045	-0.439	0.088	-0.231	-0.499	-0.114	-0.373	-0.260	0.482	-0.446	-0.125	1.000															
Na%	-0.117	-0.133	0.635	-0.426	0.410	-0.298	-0.217	-0.048	0.235	-0.192	-0.002	0.579	0.174	0.354	0.733	-0.458	0.172	0.141	-0.389	1.000														
Ni	-0.125	-0.138	0.350	-0.146	0.431	-0.035	-0.234	0.131	0.839	0.449	0.587	0.452	-0.077	0.486	-0.254	-0.097	0.620	-0.159	-0.273	-0.029	1.000													
P	-0.166	-0.184	0.782	-0.335	0.536	-0.121	-0.147	0.062	0.554	-0.337	0.210	0.788	-0.101	0.551	0.590	-0.474	0.375	0.308	-0.392	0.610	0.161	1.000												
Pb	0.092	0.090	0.034	0.100	-0.055	0.395	-0.092	0.249	0.029	-0.215	0.344	-0.013	-0.420	0.278	0.003	-0.185	-0.173	0.010	0.169	-0.142	0.092	0.011	1.000											
S%	-0.067	-0.076	0.557	-0.105	0.235	-0.021	-0.245	0.101	0.356	-0.254	0.468	0.638	-0.238	0.427	0.599	-0.425	0.045	0.044	-0.236	0.495	0.116	0.504	0.128	1.000										
Sb	0.307	0.327	-0.214	0.725	-0.257	0.213	0.015	0.379	-0.129	0.071	0.034	-0.181	-0.156	-0.155	-0.095	0.239	-0.223	-0.143	0.339	-0.272	-0.067	-0.242	0.094	0.048	1.000									
Sc	-0.172	-0.194	0.784	-0.364	0.577	-0.391	-0.031	-0.006	0.753	0.393	0.163	0.805	0.149	0.470	0.397	-0.302	0.731	0.187	-0.455	0.471	0.542	0.530	-0.188	0.362	-0.213	1.000								
Se	0.055	0.072	-0.098	0.540	-0.212	0.671	0.073	0.428	-0.120	-0.277	0.288	-0.115	-0.609	0.093	0.055	-0.079	-0.360	-0.064	0.233	-0.219	-0.066	-0.083	0.360	0.284	0.633	-0.342	1.000							
Sn	0.059	0.076	-0.040	0.072	-0.014	0.880	0.143	0.232	-0.120	-0.248	0.196	-0.109	-0.768	0.170	0.057	-0.273	-0.238	0.123	0.167	-0.153	-0.050	-0.043	0.500	0.110	0.168	-0.284	0.639	1.000						
Sr	-0.073	-0.086	0.215	-0.380	0.171	-0.137	0.647	-0.056	0.023	-0.031	-0.394	0.234	0.028	-0.144	0.245	-0.319	0.325	0.667	-0.217	0.238	-0.170	0.233	-0.319	0.006	-0.206	0.285	-0.208	-0.098	1.000					
Ti%	-0.156	-0.176	0.833	-0.308	0.501	-0.227	-0.206	-0.027	0.663	-0.134	0.191	0.838	-0.054	0.592	0.609	-0.421	0.427	0.180	-0.429	0.645	0.231	0.873	-0.077	0.538	-0.210	0.710	-0.154	-0.151	0.260	1.000				
V	0.110	0.116	0.170	-0.006	0.181	0.172	-0.061	0.238	0.418	0.279	-0.270	0.204	-0.259	0.150	-0.204	0.144	0.180	0.003	0.355	-0.205	0.408	0.184	0.156	0.012	0.074	0.242	0.118	0.161	-0.056	0.225	1.000			
W	-0.054	-0.038	-0.010	0.426	-0.185	0.247	-0.060	0.137	0.053	-0.067	0.168	0.003	-0.144	0.249	0.010	0.168	-0.054	-0.124	0.142	-0.259	0.098	-0.045	0.258	0.061	0.443	-0.050	0.375	0.193	-0.312	-0.031	0.029	1.000		
Zn	-0.009	-0.009	0.131	0.144	0.062	0.205	0.121	0.928	0.107	-0.123	0.215	0.196	-0.206	0.145	0.120	-0.167	0.073	0.246	-0.018	-0.026	0.154	0.108	0.276	0.123	0.330	0.029	0.431	0.286	-0.085	0.031	0.182	0.145	1.000	

Be, Ce, Ga, Ge, Hf, Nb, Re, Rb, Ta, Te, Tl, U, W, Y, Zr removed (incomplete data set)

Below detection replaced by 0.5\*detection limit

n=134

0.7 to 0.9  
0.3 to 0.5  
0.3 to 0.5

-0.3 to -0.5  
-0.3 to -0.5  
-0.7 to -0.9

## Appendix C

### Echotech Laboratory Certificates of Analyses

Eco Tech Laboratory Ltd.  
 2953 Shuswap Road  
 Kamloops, BC  
 V2H 1S9 Canada  
 Tel + 1 250 573 5700  
 Fax + 1 250 573 4557  
 Toll Free + 1 877 573 5755  
 www.stewartgroupglobal.com



**StewartGroup**  
 Geochemical & Assay

**CERTIFICATE OF ASSAY AW 2010-8028**

**B.C. Gold Corporation**  
 625 Howe Street  
**Vancouver, BC**  
 V6C 2T6

REVISED

28-Jun-10

No. of samples received: 5  
 Sample Type: Rock  
**Project: Engineer**  
**Shipment #: 1**  
 Submitted by: Gary Sidhu

*Metallic Assay*

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
1	7R50751	<0.03	<0.001		
2	7R50752	2.72	0.079		
3	7R50753	<0.03	<0.001		
4	7R50754	67.2	1.958	69.6	2.03
5	7R50755	<0.03	<0.001		
6	7R50756	0.27	0.008		
7	7R50757	30.7	0.895		
8	7R50758	<0.03	<0.001		
9	7R50759	0.64	0.019		
10	7R50760	0.03	0.001		
11	7R50761	4.56	0.133		
12	7R50762	<0.03	<0.001		

**QC DATA:**

**Resplits:**

1 7R50751 <0.03 <0.001

**Standard:**

OXK69 3.57 0.104  
 Pb104 105 3.06  
 SQ36 30.3 0.884

Au 4-1000 - AA Finish

NM/kk  
 XLS/10

  
**ECO TECH LABORATORY LTD.**  
 Norman Monteith  
 B.C. Certified Assayer

**AU SCREEN ASSAYS**

Job No. _____		Page ___ of ___		Task	Analyst	Date
Rack No. _____		Sample Wt. _____		Fire Assay		
				AA		
Lab No.	Test Tube No.	Screen Fraction	Screen Weights	Dilutions	PT A.A. Values	PT Final Value(g/t)
8028-1	1	+140	16.621			0.01
	2	- 140	979.621			0.01
	3	- 140				0.01
8028-r/s1	4	+140	29.693			0.01
	5	- 140	904.693			0.01
	6	- 140				0.01
	1	- 140				
8028-3	2	+140	30.511			0.01
	3	- 140	917.511			0.01
	4	- 140				0.04
8028-4	5	+140	4.69			290
	6	- 140	449.69			48.50
	7	- 140				48.5
8028-5	8	+140	2.972			0.04
	9	- 140	875.972			0.01
	10	- 140				0.01
8028-6	11	+140	11.937			0.1
	12	- 140	941.937			0.27
	13	- 140				0.28
8028-7	14	+140	3.62			400
	15	- 140	901.62			17.5
	16	- 140				17.5
8028-8	17	+140	7.957			0.03
	18	- 140	935.957			0.01
	19	- 140				0.01
8028-9	20	+140	6.363			0.82
	21	- 140	890.363			0.61
	22	- 140				0.62
8028-10	23	+140	30.588			0.04
	24	- 140	949.588			0.03
	25	- 140				0.02
8028-12	26	+140	10.425			0.06
	27	- 140	981.425			0.01
	28	- 140				0.01
	29	+140				
	30	- 140				
	31	- 140				

**Metallic AU Screen Assay**

E.T. No.	PT Values (g/t)		
	+140 mesh	- 140 mesh	total
8028-1	0.02	0.01	0.01
8028-r/s1	0.01	0.01	0.01
0	#DIV/0!	0.00	#DIV/0!
8028-3	0.01	0.03	0.02
8028-4	1855.01	48.50	67.15
8028-5	0.40	0.01	0.01
8028-6	0.25	0.28	0.27
8028-7	3314.92	17.50	30.69
8028-8	0.11	0.01	0.01
8028-9	3.87	0.62	0.64
8028-10	0.04	0.03	0.03
8028-12	0.17	0.01	0.01
0	#DIV/0!	0.00	#DIV/0!

Eco Tech Laboratory Ltd.  
2953 Shuswap Road  
Kamloops, BC  
V2H 1S9 Canada  
Tel + 1 250 573 5700  
Fax + 1 250 573 4557  
Toll Free + 1 877 573 5755  
www.stewartgroupglobal.com



**StewartGroup**  
Geochemical & Assay

## CERTIFICATE OF ASSAY AW 2010-8036

**B.C. Gold Corporation**  
625 Howe Street  
**Vancouver, BC**  
V6C 2T6

REVISED

29-Jul-10

*No. of samples received: 90*  
*Sample Type: Core*  
**Project: Engineer**  
**Shipment #: 2**  
*Submitted by: Bruce Coates*

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	7R50763	<0.03	<0.001
2	7R50764	<0.03	<0.001
3	7R50765	<0.03	<0.001
4	7R50766	<0.03	<0.001
5	7R50767	<0.03	<0.001
6	7R50768	<0.03	<0.001
7	7R50769	<0.03	<0.001
8	7R50770	<0.03	<0.001
9	7R50771	<0.03	<0.001
10	7R50772	<0.03	<0.001
11	7R50773	<0.03	<0.001
12	7R50774	<0.03	<0.001
13	7R50775	<0.03	<0.001
14	7R50776	4.65	0.136
15	7R50777	<0.03	<0.001
16	7R50778	<0.03	<0.001
17	7R50779	0.18	0.005
18	7R50780	1.20	0.035
19	7R50781	<0.03	<0.001
20	7R50782	<0.03	<0.001
21	7R50783	0.04	0.001
22	7R50784	2.70	0.079
23	7R50785	<0.03	<0.001
24	7R50786	<0.03	<0.001
25	7R50787	<0.03	<0.001
26	7R50788	<0.03	<0.001
27	7R50789	<0.03	<0.001
28	7R50790	<0.03	<0.001
29	7R50791	<0.03	<0.001

**ECO TECH LABORATORY LTD.**

Norman Monteith  
B.C. Certified Assayer



**B.C. Gold Corporation AW10-8036**

29-Jul-10

ET #.	Tag #	Au (g/t)	Au (oz/t)
30	7R50792	4.71	0.137
31	7R50793	<0.03	<0.001
32	7R50794	<0.03	<0.001
33	7R50795	<0.03	<0.001
34	7R50796	<0.03	<0.001
35	7R50797	<0.03	<0.001
36	7R50798	<0.03	<0.001
37	7R50799	<0.03	<0.001
38	7R50800	2.74	0.080
39	7R50801	<0.03	<0.001
40	7R50802	<0.03	<0.001
41	7R50803	<0.03	<0.001
42	7R50804	<0.03	<0.001
43	7R50805	<0.03	<0.001
44	7R50806	<0.03	<0.001
45	7R50807	<0.03	<0.001
46	7R50808	4.60	0.134
47	7R50809	<0.03	<0.001
48	7R50810	<0.03	<0.001
49	7R50811	<0.03	<0.001
50	7R50812	<0.03	<0.001
51	7R50813	<0.03	<0.001
52	7R50814	0.20	0.006
53	7R50815	<0.03	<0.001
54	7R50816	2.74	0.080
55	7R50817	0.34	0.010
56	7R50818	<0.03	<0.001
57	7R50819	<0.03	<0.001
58	7R50820	<0.03	<0.001
59	7R50821	<0.03	<0.001
60	7R50822	<0.03	<0.001
61	7R50823	<0.03	<0.001
62	7R50824	4.69	0.137
63	7R50825	0.07	0.002
64	7R50826	<0.03	<0.001
65	7R50827	<0.03	<0.001
66	7R50828	0.53	0.015
67	7R50829	0.14	0.004
68	7R50830	<0.03	<0.001
69	7R50831	<0.03	<0.001
70	7R50832	4.62	0.135
71	7R50833	<0.03	<0.001
72	7R50834	<0.03	<0.001
73	7R50835	<0.03	<0.001

**ECO TECH LABORATORY LTD.**

Norman Monteith  
 B.C. Certified Assayer

Eco Tech Laboratory Ltd.  
 2953 Shuswap Road  
 Kamloops, BC  
 V2H 1S9 Canada  
 Tel + 1 250 573 5700  
 Fax + 1 250 573 4557  
 Toll Free + 1 877 573 5755  
 www.stewartgroupglobal.com



**B.C. Gold Corporation AW10-8036**

29-Jul-10

ET #.	Tag #	Au (g/t)	Au (oz/t)
74	7R50836	<0.03	<0.001
75	7R50837	<0.03	<0.001
76	7R50838	<0.03	<0.001
77	7R50839	<0.03	<0.001
78	7R50840	2.76	0.080
79	7R50841	<0.03	<0.001
80	7R50842	<0.03	<0.001
81	7R50843	<0.03	<0.001
82	7R50844	0.07	0.002
83	7R50845	<0.03	<0.001
84	7R50846	<0.03	<0.001
85	7R50847	<0.03	<0.001
86	7R50848	4.59	0.134
87	7R50849	0.21	0.006
88	7R50850	0.08	0.002
89	7R50851	0.51	0.015
90	7R50852	0.03	0.001

**QC DATA:**

**Repeats:**

1	7R50763	<0.03	<0.001
10	7R50772	<0.03	<0.001
17	7R50779	0.21	<0.001
18	7R50780	1.18	0.034
19	7R50781	<0.03	<0.001
36	7R50798	<0.03	<0.001
45	7R50807	<0.03	<0.001
54	7R50816	2.79	0.081
55	7R50817	0.36	0.010
67	7R50829	0.18	0.005
71	7R50833	<0.03	<0.001
80	7R50842	<0.03	<0.001

**Resplits:**

1	7R50763	<0.03	<0.001
36	7R50798	<0.03	<0.001
71	7R50833	<0.03	<0.001

**Standard:**

OXI67	1.81	0.053
OXI67	1.89	0.055
OXI67	1.88	0.055

**Au: 30g FA/AA Finish**

NM/nw

XLS/10

All analysis is undertaken subject to the Company's General Conditions of Business which are available on request. Registered Office: Eco Tech Laboratory Ltd., 2953 Shuswap Road, Kamloops, BC V2H 1S9 Canada.

**ECO TECH LABORATORY LTD.**

Norman Monteith

B.C. Certified Assayer



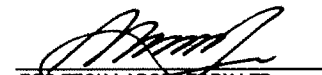




Et #	Tag #	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm			
55	7R50816	1.8	5.32	217.9	197.0	0.10	8.33	0.13	26.11	10.6	354.0	5.72	21.1	3.86	14.7	1.1	0.94	90	1.62	13.5	92.2	2.54	739	33.25	0.557	2.22	39.9	582	11.19	80.7	0.060	0.28	63.40	18.7	2.0	0.8	275.0	0.25	0.06	1.0	0.293	0.74	0.5	230	5.7	55.5	34.00			
71	7R50833	0.6	7.63	36.3	386.5	0.24	5.08	0.38	23.81	16.4	136.0	7.58	69.8	4.66	21.2	1.8	1.74	55	2.33	12.5	70.4	1.99	817	3.87	1.664	5.04	52.2	905	37.39	95.3	0.059	0.36	7.60	14.2	1.5	1.0	342.0	0.35	0.08	4.1	0.355	1.08	1.3	144	2.6	100.7	61.64			
80	7R50842	0.9	4.85	64.9	357.0	0.20	0.57	0.11	10.16	16.6	158.0	7.30	84.3	5.00	21.3	1.2	1.14	40	1.92	4.5	63.9	1.58	261	1.42	1.725	5.54	63.5	940	20.38	82.7	0.059	0.38	7.10	9.7	1.4	1.0	58.5	0.25	0.10	1.5	0.471	1.16	1.3	194	4.4	59.3	40.57			
<b>Resplit:</b>																																																		
1	7R50763	0.4	>10	2.1	132.0	0.30	5.25	0.50	70.92	15.5	71.5	1.06	22.4	7.42	25.3	2.4	3.56	25	2.11	34.5	22.1	1.46	1400	2.78	4.591	8.04	3.7	2208	13.86	42.5	0.052	1.42	4.20	22.4	3.3	1.0	748.5	0.85	0.12	9.5	1.037	0.32	2.5	200	0.8	117.1	142.50			
36	7R50798	0.3	4.68	10.0	517.0	0.10	>10	0.24	17.85	13.0	297.0	6.06	56.8	5.44	11.1	1.0	0.98	35	1.33	9.0	99.9	3.77	1363	1.15	0.854	1.94	53.3	628	10.15	58.3	0.058	0.54	5.26	18.9	1.1	1.9	730.0	0.20	0.12	1.1	0.254	0.46	0.5	158	2.2	79.8	35.66			
71	7R50833	0.5	7.80	35.5	374.5	0.22	5.19	0.41	21.69	15.9	138.0	7.52	68.4	4.59	21.1	1.8	1.62	15	2.60	11.0	73.6	2.03	785	3.76	1.739	4.94	50.6	941	39.33	95.1	0.058	0.32	7.58	14.9	1.5	1.0	317.0	0.30	0.10	3.7	0.364	1.04	1.1	146	2.4	94.9	60.39			
<b>Standard:</b>																																																		
OREAS43-P	0.6	5.35	112.2	473.0	4.26	0.36	0.19	68.02	79.6	1116.0	5.80	463.1	18.85	14.2	4.7	2.74	75	1.92	31.5	24.6	0.63	685	126.30	0.607	4.66	550.4	396	150.30	100.4	0.050	0.04	12.48	13.0	1.3	3.0	38.0	0.50	0.08	10.8	0.167	0.92	2.8	76	20.4	441.0	97.62				
OREAS43-P	0.6	4.86	106.1	471.0	4.32	0.30	0.21	69.09	74.5	1251.0	5.78	437.7	17.25	13.5	4.4	2.88	80	1.77	32.0	27.9	0.56	634	125.00	0.579	4.46	549.7	349	161.70	91.8	0.054	0.04	12.74	11.3	1.3	3.0	38.0	0.40	0.06	12.0	0.169	0.96	3.2	68	19.9	438.3	96.57				
OREAS43-P	0.5	5.17	102.0	483.0	3.88	0.29	0.17	66.64	70.0	1227.0	6.10	416.9	16.73	12.9	4.3	2.92	70	1.72	22.0	26.3	0.52	650	127.30	0.549	4.60	532.0	326	147.80	93.3	0.055	0.02	11.06	9.5	1.2	2.7	42.5	0.45	0.08	10.4	0.166	0.90	2.8	68	17.7	428.3	98.37				

4 Acid Digest/ICPMS Finish

NM/nw  
df/ms\_TD8036S  
XLS/10



ECO TECH LABORATORY LTD.  
Norman Monteith  
B.C. Certified Assayer

Eco Tech Laboratory Ltd.  
2953 Shuswap Road  
Kamloops, BC  
V2H 1S9 Canada  
Tel + 1 250 573 5700  
Fax + 1 250 573 4557  
Toll Free + 1 877 573 5755  
www.stewartgroupglobal.com



**StewartGroup**  
Geochemical & Assay

## CERTIFICATE OF ASSAY AW 2010-8215

**B.C. Gold Corporation**  
625 Howe Street  
**Vancouver, BC**  
V6C 2T6

03-Nov-10

REVISED

*No. of samples received: 73*  
*Sample Type: Core*  
**Project: Engineer**  
**Shipment #: 3**  
*Submitted by: Bruce Coates*

### **Metallic Assay**

<b>ET #.</b>	<b>Tag #</b>	<b>Au (g/t)</b>	<b>Au (oz/t)</b>
24	7R52024	9.45	0.276
57	7R52057	344	10.032
60	7R52060	19.1	0.557

### **QC DATA:**

**Standard:**  
OXI67

1.82      0.053

**Au 250g Metallic Assay-AA Finish**

NM/ps  
XLS/10

**ECO TECH LABORATORY LTD.**

Norman Monteith  
B.C. Certified Assayer



## CERTIFICATE OF ASSAY AW 2010-8215

**B.C. Gold Corporation**  
 625 Howe Street  
**Vancouver, BC**  
 V6C 2T6

REVISED

1-Nov-10

*No. of samples received: 73*  
*Sample Type: Core*  
**Project: Engineer**  
**Shipment #: 3**  
*Submitted by: Bruce Coates*

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
1	7R52001	<0.03	<0.001		
2	7R52002	<0.03	<0.001		
3	7R52003	0.36	0.010		
4	7R52004	<0.03	<0.001		
5	7R52005	4.85	0.141		
6	7R52006	0.06	0.002		
7	7R52007	0.20	0.006		
8	7R52008	1.01	0.029		
9	7R52009	0.05	0.001		
10	7R52010	2.77	0.081		
11	7R52011	0.35	0.010		
12	7R52012	0.32	0.009		
13	7R52013	0.11	0.003		
14	7R52014	1.14	0.033		
15	7R52015	0.14	0.004		
16	7R52016	0.12	0.003		
17	7R52017	4.71	0.137		
18	7R52018	0.06	0.002		
19	7R52019	<0.03	<0.001		
20	7R52020	<0.03	<0.001		
21	7R52021	<0.03	<0.001		
22	7R52022	0.05	0.001		
23	7R52023	0.16	0.005		
24	7R52024	9.45	0.276		
25	7R52025	0.06	0.002		
26	7R52026	2.69	0.078		
27	7R52027	1.58	0.046		
28	7R52028	<0.03	<0.001		
29	7R52029	0.07	0.002		
30	7R52030	1.01	0.029		
31	7R52031	<0.03	<0.001		

**ECO TECH LABORATORY LTD.**

Norman Monteith  
 B.C. Certified Assayer



**B.C. Gold Corporation AW10-8215**

1-Nov-10

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
32	7R52032	<0.03	<0.001		
33	7R52033	4.80	0.140		
34	7R52034	<0.03	<0.001		
35	7R52035	0.04	0.001		
36	7R52036	0.35	0.010		
37	7R52037	<0.03	<0.001		
38	7R52038	4.79	0.140		
39	7R52039	0.03	0.001		
40	7R52040	0.06	0.002		
41	7R52041	0.55	0.016		
42	7R52042	0.16	0.005		
43	7R52043	0.03	0.001		
44	7R52044	<0.03	<0.001		
45	7R52045	<0.03	<0.001		
46	7R52046	0.04	0.001	32.3	0.94
47	7R52047	<0.03	<0.001		
48	7R52048	2.68	0.078		
49	7R52049	<0.03	<0.001		
50	7R52050	0.04	0.001		
51	7R52051	<0.03	<0.001		
52	7R52052	0.42	0.012		
53	7R52053	<0.03	<0.001		
54	7R52054	<0.03	<0.001		
55	7R52055	4.83	0.141		
56	7R52056	<0.03	<0.001		
57	7R52057	344	10.032	328	9.57
58	7R52058	<0.03	<0.001		
59	7R52059	<0.03	<0.001		
60	7R52060	19.1	0.557		
61	7R52061	2.71	0.079		
62	7R52062	<0.03	<0.001		
63	7R52063	0.58	0.017		
64	7R52064	<0.03	<0.001		
65	7R52065	<0.03	<0.001		
66	7R52066	0.06	0.002		
67	7R52067	4.85	0.141		
68	7R52068	<0.03	<0.001		
69	7R52069	0.06	0.002		
70	7R52070	0.43	0.013		
71	7R52071	<0.03	<0.001		
72	7R52072	2.69	0.078		
73	7R52073	<0.03	<0.001		

  
**ECO TECH LABORATORY LTD.**

Norman Monteith  
 B.C. Certified Assayer



**B.C. Gold Corporation AW10-8215**

1-Nov-10

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
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**QC DATA:**

**Repeats:**

1	7R52001	<0.03	<0.001		
8	7R52008	1.01	0.029		
11	7R52011	0.37	0.011		
14	7R52014	1.17	0.034		
20	7R52020	<0.03	<0.001		
24	7R52024	9.40	0.274		
27	7R52027	1.67	0.049		
30	7R52030	0.96	0.028		
36	7R52036	0.37	0.011		
45	7R52045	<0.03	<0.001		
52	7R52052	0.44	0.013		
54	7R52054	<0.03	<0.001		
57	7R52057	* 360	10.499		
60	7R52060	17.9	0.522		
63	7R52063	0.61	0.018		
71	7R52071	<0.03	<0.001		

**Resplits:**

1	7R52001	<0.03	<0.001		
36	7R52036	0.36	0.010		
71	7R52071	<0.03	<0.001		

**Standard:**

OXI67	1.85	0.054		
OXK79	3.54	0.103		
OXI67	1.83	0.053		
GBM908-14			301	8.78

**Au: 30g FA/AA Finish**

**\* Gravimetric Finish**

NM/ps  
 XLS/10

  
**ECO TECH LABORATORY LTD.**  
 Norman Monteith  
 B.C. Certified Assayer



Eco Tech Laboratory Ltd.  
2953 Shuswap Road  
Kamloops, BC  
V2H 1S9 Canada  
Tel + 1 250 573 5700  
Fax + 1 250 573 4557  
Toll Free + 1 877 573 5755  
www.stewartgroupglobal.com



**StewartGroup**  
Geochemical & Assay

## **CERTIFICATE OF ASSAY AW 2010-8215**

**B.C. Gold Corporation**  
625 Howe Street  
**Vancouver, BC**  
V6C 2T6

03-Nov-10

*No. of samples received: 73*  
*Sample Type: Core*  
**Project: Engineer**  
**Shipment #: 3**  
*Submitted by: Bruce Coates*

### **Metallic Assay**

<b>ET #.</b>	<b>Tag #</b>	<b>Au (g/t)</b>	<b>Au (oz/t)</b>
24	7R52024	9.45	0.276
57	7R52057	344	10.032
60	7R52060	19.1	0.557

### **QC DATA:**

**Standard:**  
OXI67

1.82      0.053

**ECO TECH LABORATORY LTD.**

Norman Monteith  
B.C. Certified Assayer

NM/ps  
XLS/10





## CERTIFICATE OF ASSAY AW 2010-8215

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**B.C. Gold Corporation**  
 625 Howe Street  
**Vancouver, BC**  
 V6C 2T6

1-Nov-10

*No. of samples received: 73*  
*Sample Type: Core*  
**Project: Engineer**  
**Shipment #: 3**  
*Submitted by: Bruce Coates*

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
1	7R52001	<0.03	<0.001		
2	7R52002	<0.03	<0.001		
3	7R52003	0.36	0.010		
4	7R52004	<0.03	<0.001		
5	7R52005	4.85	0.141		
6	7R52006	0.06	0.002		
7	7R52007	0.20	0.006		
8	7R52008	1.01	0.029		
9	7R52009	0.05	0.001		
10	7R52010	2.77	0.081		
11	7R52011	0.35	0.010		
12	7R52012	0.32	0.009		
13	7R52013	0.11	0.003		
14	7R52014	1.14	0.033		
15	7R52015	0.14	0.004		
16	7R52016	0.12	0.003		
17	7R52017	4.71	0.137		
18	7R52018	0.06	0.002		
19	7R52019	<0.03	<0.001		
20	7R52020	<0.03	<0.001		
21	7R52021	<0.03	<0.001		
22	7R52022	0.05	0.001		
23	7R52023	0.16	0.005		
24	7R52024	9.45	0.276		
25	7R52025	0.06	0.002		
26	7R52026	2.69	0.078		
27	7R52027	1.58	0.046		
28	7R52028	<0.03	<0.001		
29	7R52029	0.07	0.002		
30	7R52030	1.01	0.029		
31	7R52031	<0.03	<0.001		

**ECO TECH LABORATORY LTD.**  
 Norman Monteith  
 B.C. Certified Assayer



**B.C. Gold Corporation AW10-8215**

1-Nov-10

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
32	7R52032	<0.03	<0.001		
33	7R52033	4.80	0.140		
34	7R52034	<0.03	<0.001		
35	7R52035	0.04	0.001		
36	7R52036	0.35	0.010		
37	7R52037	<0.03	<0.001		
38	7R52038	4.79	0.140		
39	7R52039	0.03	0.001		
40	7R52040	0.06	0.002		
41	7R52041	0.55	0.016		
42	7R52042	0.16	0.005		
43	7R52043	0.03	0.001		
44	7R52044	<0.03	<0.001		
45	7R52045	<0.03	<0.001		
46	7R52046	0.04	0.001	32.3	0.94
47	7R52047	<0.03	<0.001		
48	7R52048	2.68	0.078		
49	7R52049	<0.03	<0.001		
50	7R52050	0.04	0.001		
51	7R52051	<0.03	<0.001		
52	7R52052	0.42	0.012		
53	7R52053	<0.03	<0.001		
54	7R52054	<0.03	<0.001		
55	7R52055	4.83	0.141		
56	7R52056	<0.03	<0.001		
57	7R52057	344	10.032	328	9.57
58	7R52058	<0.03	<0.001		
59	7R52059	<0.03	<0.001		
60	7R52060	19.1	0.557		
61	7R52061	2.71	0.079		
62	7R52062	<0.03	<0.001		
63	7R52063	0.58	0.017		
64	7R52064	<0.03	<0.001		
65	7R52065	<0.03	<0.001		
66	7R52066	0.06	0.002		
67	7R52067	4.85	0.141		
68	7R52068	<0.03	<0.001		
69	7R52069	0.06	0.002		
70	7R52070	0.43	0.013		
71	7R52071	<0.03	<0.001		
72	7R52072	2.69	0.078		
73	7R52073	<0.03	<0.001		

**ECO TECH LABORATORY LTD.**

Norman Monteith  
 B.C. Certified Assayer



**B.C. Gold Corporation AW10-8215**

1-Nov-10

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
<b>QC DATA:</b>					
<b>Repeats:</b>					
1	7R52001	<0.03	<0.001		
8	7R52008	1.01	0.029		
11	7R52011	0.37	0.011		
14	7R52014	1.17	0.034		
20	7R52020	<0.03	<0.001		
24	7R52024	9.40	0.274		
27	7R52027	1.67	0.049		
30	7R52030	0.96	0.028		
36	7R52036	0.37	0.011		
45	7R52045	<0.03	<0.001		
52	7R52052	0.44	0.013		
54	7R52054	<0.03	<0.001		
57	7R52057	* 360	10.499		
60	7R52060	17.9	0.522		
63	7R52063	0.61	0.018		
71	7R52071	<0.03	<0.001		
<b>Resplits:</b>					
1	7R52001	<0.03	<0.001		
36	7R52036	0.36	0.010		
71	7R52071	<0.03	<0.001		
<b>Standard:</b>					
	OXI67	1.85	0.054		
	OXK79	3.54	0.103		
	OXI67	1.83	0.053		
	GBM908-14			301	8.78

**\* Gravimetric Finish**

NM/ps  
 XLS/10

  
**ECO TECH LABORATORY LTD.**  
 Norman Monteith  
 B.C. Certified Assayer

2-Nov-10  
**Stewart Group**  
**ECO TECH LABORATORY LTD.**  
 10041 Dallas Drive  
**KAMLOOPS, B.C.**  
 V2C 6T4  
[www.stewartgroupglobal.com](http://www.stewartgroupglobal.com)

**ICP CERTIFICATE OF ANALYSIS AW 2010- 8215**  
**Total Digest**

**B.C. Gold Corporation**  
 625 Howe Street  
**Vancouver, BC**  
 V6C 2T6

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

*No. of samples received: 73*  
*Sample Type: Core*  
**Project: Engineer**  
**Shipment #: 3**  
*Submitted by: Bruce Coates*

**Values in ppm unless otherwise reported**

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
1	7R52001	0.7	8.28	10	882	1	<5	6.96	7	18	172	88	6.26	<5	2.46	14	58	2.56	1275	17	0.72	90	1430	21	0.60	10	17	<10	<5	204	0.40	<5	392	<5	20	482
2	7R52002	0.4	7.01	170	216	2	<5	7.31	<1	11	214	30	2.57	<5	2.24	6	58	1.18	620	15	0.24	35	660	36	0.04	15	12	<10	<5	298	0.25	<5	130	<5	10	74
3	7R52003	0.8	1.98	150	102	<1	<5	>10	<1	3	252	14	0.75	<5	0.60	4	80	0.21	530	23	0.09	13	110	24	0.08	55	3	<10	<5	264	0.05	<5	104	<5	4	14
4	7R52004	1.0	6.98	35	732	3	<5	1.27	4	22	216	92	4.48	<5	3.77	6	46	1.86	540	5	1.25	83	980	30	0.68	10	13	<10	<5	98	0.47	<5	298	5	10	258
5	7R52005	9.1	8.36	10	360	<1	<5	4.02	2	30	90	106	5.65	<5	2.22	10	40	2.47	1060	14	2.33	56	1010	21	0.73	<5	19	<10	<5	300	0.65	<5	158	<5	16	110
6	7R52006	0.3	6.26	205	266	1	<5	4.95	<1	14	272	52	3.18	<5	2.25	6	60	1.29	445	7	0.31	56	790	21	0.03	10	12	<10	<5	156	0.31	<5	166	<5	9	52
7	7R52007	1.3	3.72	160	130	<1	<5	>10	<1	4	206	28	1.80	<5	1.07	4	66	0.90	845	17	0.13	17	410	21	0.13	35	4	<10	<5	376	0.11	<5	184	<5	7	118
8	7R52008	2.9	5.62	300	260	2	<5	1.38	<1	14	220	64	3.74	<5	2.45	8	56	1.72	440	15	0.17	47	790	39	0.47	135	10	<10	<5	46	0.32	<5	164	10	8	158
9	7R52009	2.3	6.90	60	386	2	<5	1.11	<1	21	184	90	5.60	<5	3.23	8	48	1.86	430	28	0.23	101	1180	36	1.11	25	13	<10	<5	48	0.39	<5	164	10	9	80
10	7R52010	<0.2	7.60	2120	722	14	<5	<0.01	<1	1	196	100	3.46	<5	3.59	28	46	0.38	70	3	0.20	10	350	36	<0.01	150	13	<10	5	132	0.23	<5	106	15	6	20
11	7R52011	1.4	7.10	290	276	2	<5	5.12	<1	11	200	46	3.19	<5	2.40	14	62	1.62	700	13	0.24	39	930	33	0.41	65	13	<10	<5	150	0.31	<5	132	10	14	134
12	7R52012	1.5	6.94	145	292	2	<5	4.98	<1	12	204	52	3.31	<5	2.50	12	68	1.63	695	18	0.24	43	920	42	0.46	55	12	<10	<5	138	0.30	<5	142	10	12	96
13	7R52013	1.2	8.03	75	470	<1	<5	3.80	2	20	204	94	5.28	<5	3.01	12	54	2.09	715	11	0.37	74	1130	42	0.99	40	17	<10	<5	92	0.43	<5	256	10	14	176
14	7R52014	2.7	6.99	295	338	2	<5	>10	<1	16	198	70	3.87	<5	2.37	10	46	1.47	830	8	0.49	52	680	33	1.03	150	16	<10	<5	222	0.31	<5	170	10	12	32
15	7R52015	1.9	7.67	60	470	2	<5	1.52	<1	23	194	132	5.46	<5	3.66	8	54	2.32	565	5	0.36	66	880	33	1.19	35	16	<10	<5	60	0.47	<5	214	10	9	50
16	7R52016	1.9	6.81	225	292	<1	<5	1.36	<1	17	254	84	4.64	<5	2.92	10	64	2.07	610	12	0.22	57	850	30	0.90	30	14	<10	<5	38	0.38	<5	206	15	8	122
17	7R52017	9.2	8.39	10	362	<1	<5	3.98	2	30	92	104	5.67	<5	2.22	10	42	2.53	1060	15	2.34	60	1020	21	0.75	<5	19	<10	<5	304	0.66	<5	160	<5	16	100
18	7R52018	0.7	1.81	70	92	<1	<5	>10	<1	2	240	20	1.09	<5	0.52	4	80	0.39	950	12	0.10	12	130	21	0.13	25	3	<10	<5	352	0.05	<5	168	<5	4	4
19	7R52019	0.3	5.54	5	364	1	<5	>10	<1	8	160	10	2.70	<5	2.08	26	10	3.72	820	<1	1.83	10	310	10	0.06	<5	8	<10	<5	248	0.20	<5	28	<5	28	40
20	7R52020	0.7	8.63	10	1082	2	<5	3.15	2	21	230	80	5.36	<5	3.80	14	40	2.02	730	10	1.00	84	1030	36	0.95	35	17	<10	<5	180	0.44	<5	268	<5	15	216
21	7R52021	0.7	5.48	60	222	2	<5	>10	9	10	210	26	4.79	<5	0.82	8	50	1.53	2755	18	0.32	34	1280	57	0.22	30	11	<10	5	310	0.19	<5	296	<5	19	582
22	7R52022	0.8	8.29	35	774	2	<5	3.42	2	20	214	86	5.14	<5	3.58	12	40	1.84	615	7	0.93	72	900	27	0.49	5	17	<10	<5	156	0.45	<5	226	<5	13	320
23	7R52023	1.6	8.00	90	410	3	<5	>10	2	17	208	80	4.45	<5	2.76	18	50	1.53	1210	10	0.39	56	650	30	0.86	35	17	<10	<5	546	0.36	<5	182	10	17	218
24	7R52024	18.5	2.96	245	192	<1	<5	8.93	<1	6	334	36	2.04	<5	0.91	6	96	0.53	685	27	0.11	24	210	21	0.26	50	6	<10	<5	262	0.12	<5	222	<5	7	44
25	7R52025	0.5	8.13	60	982	3	<5	2.94	<1	22	246	92	4.95	<5	3.63	10	28	1.14	495	4	1.13	83	890	33	1.06	70	18	<10	<5	194	0.47	<5	250	<5	11	134
26	7R52026	0.2	7.75	2110	730	13	<5	<0.01	<1	1	198	102	3.35	<5	3.54	26	44	0.40	75	3	0.23	11	360	33	<0.01	155	12	<10	5	130	0.22	<5	110	15	6	20
27	7R52027	5.4	5.97	800	128	<1	<5	5.89	14	15	262	70	4.69	<5	1.91	16	84	1.20	495	18	0.23	57	500	24	1.16	805	12	20	<5	92	0.27	<5	196	15	13	1016
28	7R52028	1.3	3.23	80	124	1	<5	0.87	<1	8	458	12	2.62	<5	1.10	6	100	0.93	330	71	0.20	30	390	39	0.07	20	10	<10	<5	66	0.17	<5	384	<5	5	40
29	7R52029	0.6	5.53	185	352	2	<5	1.24	<1	16	222	82	3.95	<5	2.47	8	50	1.47	380	9	0.47	51	820	33	0.11	20	13	<10	<5	60	0.36	<5	332	<5	8	76
30	7R52030	1.0	2.42	395	102	<1	<5	2.11	<1	5	392	26	2.26	<5	0.72	6	112	0.59	225	7	0.10	18	280	9	0.57	190	4	<10	<5	68	0.09	<5	94	<5	4	48



Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn	
<b>QC DATA:</b>																																					
<b>Repeat:</b>																																					
1	7R52001	0.6	8.34	15	892	2	<5	7.03	7	18	172	86	6.30	<5	2.50	16	56	2.64	1340	17	0.73	89	1440	21	0.60	10	18	<10	<5	218	0.40	<5	390	<5	22	486	
11	7R52011	1.1	6.88	275	256	1	<5	5.48	<1	10	198	42	3.08	<5	2.36	12	58	1.58	670	13	0.24	36	880	30	0.38	60	12	<10	<5	144	0.28	<5	126	10	13	138	
20	7R52020	0.9	8.57	10	1106	2	<5	3.20	2	21	220	82	5.45	<5	3.85	12	38	2.03	735	9	1.01	87	1050	39	0.96	35	18	<10	<5	182	0.46	<5	272	<5	15	216	
36	7R52036	0.5	1.27	60	66	<1	<5	>10	<1	1	256	6	0.64	<5	0.34	<2	70	0.18	1300	16	0.08	7	60	6	0.07	50	1	<10	<5	790	0.02	<5	96	<5	3	6	
45	7R52045	0.8	3.71	30	138	<1	<5	>10	<1	5	204	24	1.68	<5	1.07	8	66	0.66	720	41	0.12	20	320	12	0.06	15	6	<10	<5	738	0.12	<5	236	<5	10	48	
54	7R52054	0.6	4.71	25	298	1	<5	1.06	<1	9	92	34	3.13	<5	2.08	4	50	1.37	245	7	1.10	21	840	9	0.29	<5	5	<10	<5	64	0.24	<5	88	<5	6	66	
71	7R52071	0.6	7.12	45	452	2	<5	>10	<1	14	124	74	3.68	<5	2.30	18	44	1.83	980	2	0.54	42	650	15	0.40	10	13	<10	<5	470	0.28	<5	132	<5	15	106	
<b>Resplit:</b>																																					
1	7R52001	0.7	8.50	15	870	2	<5	6.61	9	19	182	92	6.37	<5	2.57	18	56	2.70	1320	20	0.72	92	1420	18	0.61	15	19	<10	<5	202	0.42	<5	394	<5	22	506	
36	7R52036	0.5	1.30	80	68	1	<5	>10	<1	1	260	8	0.64	<5	0.35	<2	64	0.19	1310	17	0.09	8	60	9	0.07	50	1	<10	<5	786	0.03	<5	92	<5	4	6	
71	7R52071	0.5	7.16	40	462	1	<5	>10	<1	14	130	72	3.69	<5	2.22	18	42	1.86	1000	2	0.54	41	640	15	0.41	10	13	<10	<5	488	0.26	<5	126	<5	15	98	
<b>Standard:</b>																																					
Pb129a		0.6	5.12	105	488	1	<5	0.36	<1	76	1076	438	>10	<5	1.73	28	20	0.56	595	128	0.20	504	360	150	0.01	10	10	<10	<5	38	0.15	<5	72	25	10	440	
Pb129a		0.7	4.90	110	492	3	<5	0.33	<1	79	1088	440	>10	<5	1.69	28	22	0.50	615	123	0.20	496	370	150	0.02	10	9	<10	<5	36	0.14	<5	68	20	9	442	
Pb129a		0.6	4.99	115	484	1	<5	0.35	<1	79	1078	432	>10	<5	1.75	28	22	0.52	620	123	0.18	497	350	147	0.01	10	9	<10	<5	36	0.14	<5	68	25	8	436	

ICP: 4 Acid Digest / ICP Finish

NM/nw  
df/ms\_TD8215S  
XLS/10



**ECO TECH LABORATORY LTD.**  
Norman Monteith  
B.C. Certified Assayer