

Ministry of Energy and Mines  
BC Geological Survey

Assessment Report  
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Prospecting, Geochemical

TOTAL COST: 67,925.59

AUTHOR(S): Bruce Coates

SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):

YEAR OF WORK: 2010

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5002706

PROPERTY NAME: Voigtberg

CLAIM NAME(S) (on which the work was done): 515585, 515586, 516218, 516217

COMMODITIES SOUGHT: Au, Cu, Mo,

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: Liard

NTS/BCGS: 104 G/3W, 104B.094, 104G.003, 104G.004

LATITUDE: 57 ° 03 ' "      LONGITUDE: 131 ° 19 ' " (at centre of work)

OWNER(S):

1) BCGold Corporation      2) Kaminak Gold Corp

MAILING ADDRESS:

Suite 1020, 800 W. Pender St. Vancouver, BC, V6C 2V6

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

1) BCGold Corporation      2)

MAILING ADDRESS:

Suite 520, 800 W. Pender St., Vancouver, BC, V6C 2V6

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Stuhini, Texas Creek Intrusive, Copper Porphyry, Triassic Rocks

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: ARIS: 23626, 24937, 29683, 28837, 24189

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 14			244.90
Silt			
Rock 140			5656.36
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area) 1:3,000			30,000
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			34024.32
		TOTAL COST:	69925.58



TSX-V: BCG

## 2010 GEOLOGICAL AND GEOCHEMICAL REPORT ON THE VOIGTBERG PROPERTY

Located in the Galore Creek Area  
Liard Mining Division  
NTS 104G/3W  
BCGS 104B.094, 104G.003, 104G.004  
57° 03' North Latitude  
131° 19' West Longitude

-Prepared for-

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December 1, 2011

## SUMMARY

The Voigtberg property consists of eight contiguous map-selection claims covering just under 3,000 Ha of mountainous terrain located 140 km northwest of Stewart in northwestern British Columbia. Access to the property is by helicopter from seasonal bases at Bob Quinn Lake airstrip on Highway 37, approximately 25 kilometres to the east. BCGold Corporation (BCGold) has earned a 50% interest in the property from Kaminak Gold Corporation (Kaminak), and can earn a further 20% interest by paying cash, issuing shares and completing a bankable feasibility study. The claims are also subject to a 2% NSR royalty interest in favor of Hunter Exploration Group.

Exploration on the Voigtberg property occurred from 1984 to 1996, and recommenced in 2006 and 2007. Early work on the property consisted of regional stream sediment sampling, mapping and prospecting, surrounding the visually obvious Gossan Zone. Results of these programs were disappointing and the claims were allowed to lapse. In 1990, the claims were re-staked as the Voigtberg claims by 344967 B.C. Ltd. Over the next six years a number of small exploration programs were carried out on the property which consisted of grid and reconnaissance soil sampling, prospecting, mapping and 8.9 line km of IP/resistivity. These programs led to the discovery of three zones of interest. The Gold Zone is an area of anomalous Au in soil with coincident IP chargeability and disseminated pyrite. The North Zone, just to the north of the Gold Zone is an area of anomalous Cu-Mo soils with coincident IP. The West Zone, just west of the Gold Zone, is a chargeability anomaly with no anomalous soils. In 1996, Hayden Resources Limited drilled three diamond drill holes into the north end of the Gold Zone from the same set up, yielding anomalous Au throughout the entire length of all three holes. The average grade over 455 m of core was 0.263 g/tonne.

The 2006 exploration program by Equity Exploration included data compilation, prospecting/geological mapping and diamond drilling (4 holes, 717 m). This work led to the discovery of the Moly Zone, southeast of the Gold Zone, where an average value of 680 ppm Mo was obtained from 35 channel samples. The new Moly Zone was drill tested by VGT06-04 later the same year with no significant results in any element. VGT06-05 returned an intersection of 51.15 m of 1.03 g/t Au just to the south and below the '96 holes on the Gold Zone. VGT06-07 tested between the Moly Zone hole (VGT06-04) and the Gold Zone holes and intersected elevated Cu/Au throughout the hole, and anomalous Pb with 1.02% Zn over 22.5 m. VGT06-06 was collared at minus 45 degrees (250 m southwest of the '96 holes) on the Gold Zone and was abandoned apparently in overburden with no significant assays.

Exploration in 2007, also by Equity Exploration, consisted of an airborne EM/Mag survey (404 line km), mapping/prospecting/soil (322) and silt (8) sampling, and drilling (4 holes, 588 m). The surface work attempted to better delineate the context of the geology and anomalous geochemistry of the existing areas, and the potential on two newly staked claims (Eastslope) in the northeast. Unfortunately Fugro's DIGHEM V airborne survey was not completed till near the end of the 2007 field program, too late for proper ground follow-up. In the northeast claims 40 contour soil samples contained no significant values, though two adjacent rock samples contained anomalous Au (251-281 ppb) and As (216-226) near a monzonite dike and have not been followed up. The main objective of the 2007 drilling was to expand on the 2006 results from the Gold Zone and, for the first time, test the North Zone. On the Gold Zone, VGT07-08 tested below VGT06-06 (250 m southwest of the '96 holes) and intersected K-spar porphyritic monzonite dikes and 76.6 m of 0.22 g/t Au with 488 ppm Cu. VGT07-10 was collared 70 m east of VGT06-

05 and intersected 76.40 m of 0.40 g/t Au with 160 ppm Cu. On the North Zone VGT07-09 intersected 41.3 m of 0.18 g/t Au and 0.019% Mo at the top of the hole, with no monzonite dikes observed. A second test of the North Zone was attempted in VGT07-11, but had to be abandoned.

The Voigtberg Property is underlain by Upper Triassic Stuhini Group volcanic and sedimentary rocks which have been intruded by Early Jurassic Texas Creek Suite intrusions, Cretaceous to Jurassic diorite dykes and Tertiary basaltic dykes and sills. Four styles of mineralization have been noted on the property: widespread low grade Au associated with disseminated and fracture coated pyrite; fracture coated molybdenite; fracture coated, disseminated and replacement style Zn-Pb; and ENE-trending discontinuous massive pyrite veins.

The 2010 exploration program comprised 10 field days of geological mapping, prospecting and soil sampling (excluding travel and weather days), carried out between August 23 and September 6. The author directed the program, with the help of prospector Alfi Eldon, and assistant Paul Bruder, all housed in a temporary tent camp built by Nugget Expediting of Smithers, BC at kilometer two on the Eskay Creek mine road. Daily transport to the property was provided by Quantum Helicopters of Terrace, BC, with an A-Star positioned at the Bob Quinn Lake airstrip. A total of 160 rock samples, and 14 soil samples were collected. This work attempted to expand the known zones of mineralization with some limited prospecting of the rest of the property. Prospecting and sampling down a creek south of the gossan zone, and a contour soil line confirmed the general concept that alteration and mineralization increases at lower elevations, but did not locate any mineralization of sufficient strength to warrant further follow up. Prospecting and sampling to the southeast and far west gave results that downgrade the potential in those areas as well. Prospecting east of the Gold Zone, east of the Moly Zone and within the North Zone failed to turn up additional mineralization which would extend, enlarge or better delineate these zones. Just east of the West zone however, a cluster of 11 samples contained elevated to highly anomalous values in all elements of interest, upgrading the potential in the West Zone, and adding further evidence for the continuity of the Gold Zone westward under the limestone cover.

Further surface work is warranted in several areas. The West Zone should be prospected in detail, and the soil grid should be extended westward into the valley; possibly with IP follow up. Detailed prospecting and mapping should be continued on the east and north edges of the North Zone to try to locate the source of the chalcopyrite-covellite mineralized float at the bottom of the Glacier. The base of the hill along the south side of the Gossan Zone valley should be carefully prospected for subtle mineralization under or at the edges of the talus slope. Unfortunately, the latter two areas are difficult and dangerous to explore due to rock falls. Detailed mapping in selected areas might be done to try to ascertain if the Mo/Cu, Gold, and base metal zonation is truly on a property wide scale, or a more local scale directly related to individual monzonite dikes. Future drilling should be aimed at defining the extent of subsurface mineralization in the Gold Zone by stepping east and west from known mineralization. A parallel section is suggested to the northeast of the '96 holes where the glacier has retreated and a talus field remains. Stepping west, a drill hole northward from within the Gossan Zone valley is suggested to test the Gold Zone at lower elevations. Additional drilling could be done at the West Zone and the North Zone, but these remain of lower priority compared to the Gold Zone, until more can be learned about these areas.

## TABLE OF CONTENTS

SUMMARY .....	2
1.0 INTRODUCTION.....	6
2.0 RELIANCE ON OTHER EXPERTS.....	6
3.0 PROPERTY DESCRIPTION AND LOCATION.....	6
4.0 ACCESS, CLIMATE, INFRASTRUCTURE AND PHYSIOGRAPHY .....	9
5.0 HISTORY .....	9
6.0 GEOLOGICAL SETTING .....	11
6.1 Regional Geology (from Simmon, 2006) .....	11
6.2 Property Geology.....	12
6.3 Structure.....	15
7.0 2010 EXPLORATION METHODOLOGY .....	15
8.0 QA/QC .....	16
9.0 2010 EXPLORATION RESULTS.....	16
9.1 Gold Zone.....	16
9.2 Moly Zone.....	16
9.3 North Zone .....	16
9.4 West Zone .....	17
9.5 Gossan Zone .....	17
9.6 Additional Prospecting .....	18
9.7 Soil Sampling.....	19
10.0 INTERPRETATIONS AND CONCLUSIONS.....	19
11.0 REFERENCES .....	20
12.0 2010 EXPENDITURES.....	23
13.0 CERTIFICATE OF QUALIFICATIONS.....	25

LIST OF TABLES

Table 1: Claim Data.....	6
Table 2: Voigtberg Lithologic Units.....	12
Table 3: Distinctive Rock Geochemistry of Lamprophyre Dike Samples.....	13
Table 4: Rock Geochemistry for samples east of the West Zone.....	14

LIST OF FIGURES

Figure 1: Location Map.....	7
Figure 2: Claim Map.....	8
Figure 3: Regional Geology.....	14
Figure 4: 2010 Sample Locations.....	In Pocket
Figure 5: 2010 Copper Values.....	In Pocket
Figure 6: 2010 Gold Values.....	In Pocket
Figure 7: 2010 Molybdenum Values.....	In Pocket

LIST OF APPENDICES

Appendix A: Rock Sample Descriptions
Appendix B: Geochemical Results
Appendix C: Correlation Matrix
Appendix D: Certificates of Analysis
Appendix E: ALS - Chemex Q/A Q/C

## 1.0 INTRODUCTION

The author directed a geological, geochemical, and prospecting program on the Voigtberg property in late August and early September 2010 under contract to BCGold Corporation (BCGold). Data from this program has been compiled, summarized and interpreted in this report. Additional information for this report was derived from publicly-available assessment reports, government maps and publications, and especially the reports by Simmons and Kutluoglu describing the 2006 and 2007 exploration programs respectively.

## 2.0 RELIANCE ON OTHER EXPERTS

The author did not rely on other experts regarding legal, environmental, and political or other such issues.

## 3.0 PROPERTY DESCRIPTION AND LOCATION

The Voigtberg property lies in the Coast Range Mountains of northwestern British Columbia, approximately 140 km northwest of Stewart and 150 km south of Dease Lake (Figure 1). It lies within the Liard Mining Division, centred at 57° 08' north latitude and 130° 35' west longitude. The Voigtberg property consists of eight contiguous Mineral Titles Online (MTO) map-selection claims covering 2,898 Ha, as summarized in Table 1. The claims do not overlap any pre-existing legacy claims (Figure 2). BCGold Corporation (BCGold) has earned a 50% interest in the property from Kaminak Gold Corporation (Kaminak), and can earn a further 20% interest by paying cash, issuing shares and completing a bankable feasibility study. The claims are also subject to a 2% NSR royalty interest in favor of Hunter Exploration Group.

Table 1: Claim Data

<b>Property</b>	<b>Claim #</b>	<b>Claim Name</b>	<b>Area (HA)</b>	<b>Record Date</b>
VOIGTBERG	515585		123.008	2005/jun/19
VOIGTBERG	515586		1264.291	2005/jun/19
VOIGTBERG	516217		298.712	2005/jun/19
VOIGTBERG	516218	NICKY EXTENSION	17.569	2005/jun/19
VOIGTBERG	516219		333.964	2005/jun/19
VOIGTBERG	516221	NICKY EXTENSION 2	17.579	2005/jun/19
VOIGTBERG	549986	EASTSLOPE	421.499	2007/jan/22
VOIGTBERG	549987	EASTSLOPE 2	421.311	2007/jan/22
<b>8 Claims</b>				<b>2897.933</b>

Surface rights over the Voigtberg property are owned by the Province of British Columbia. Neither significant surface disturbance nor any major environmental liabilities from past programs were noted during the 2010 exploration program. Exploration permits will be required from the British Columbia Ministry of Energy, Mines and Petroleum Resources prior to carrying out any substantial future exploration programs on the Voigtberg property such as drilling.



**BCGold Corp.  
KAMINAK GOLD CORPORATION**

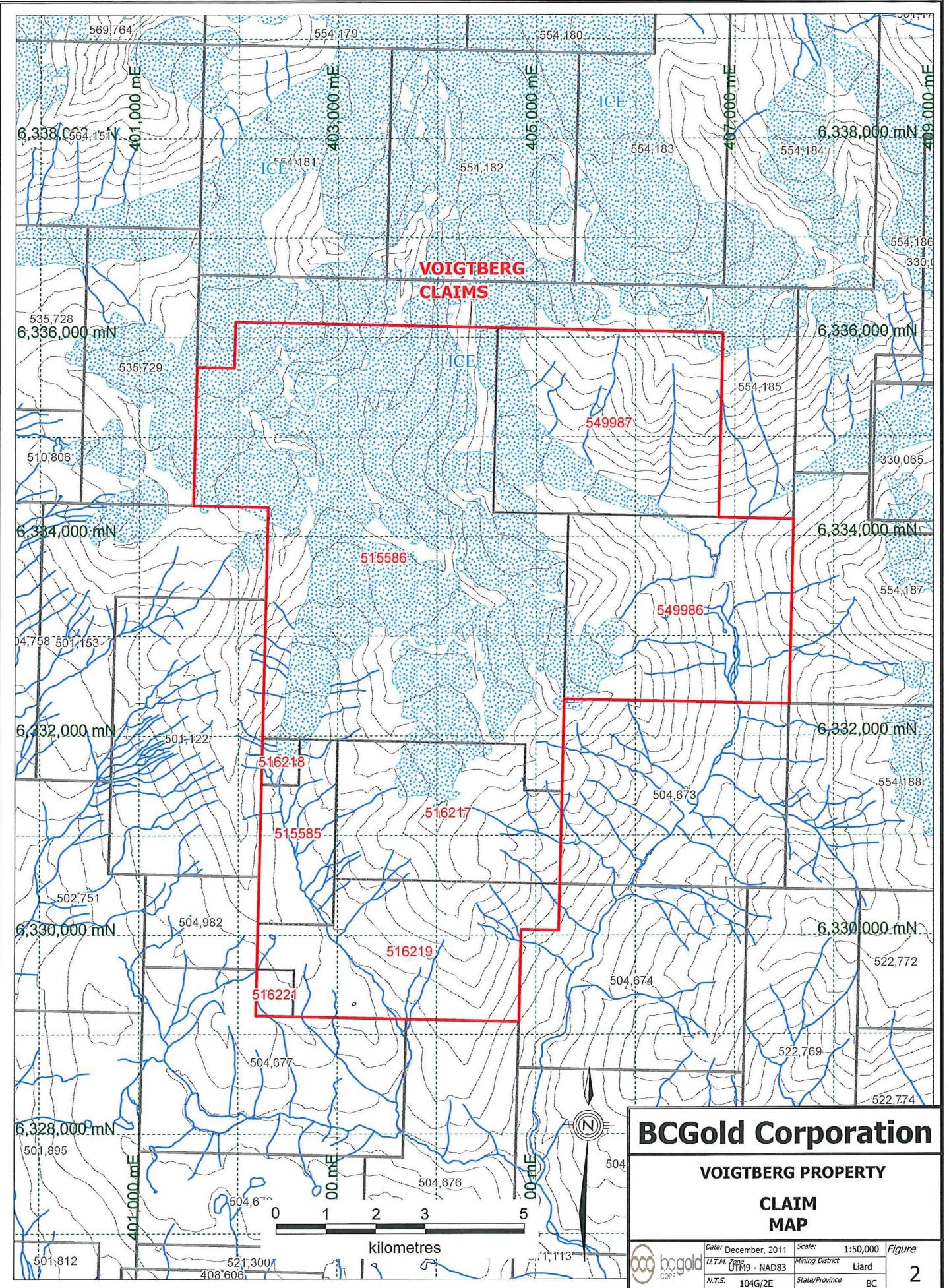
**VOIGTBURG PROPERTY**

**LOCATION  
MAP**

0 75 150 300  
kilometres



Date:	December, 2011	Scale:	1:8,000,000	Figure
U.T.M. Zone	UTM 9 - NAD83	Mining District	LIARD	
N.T.S.	104G/2E	State/Province	BC	1



## 4.0 ACCESS, CLIMATE, INFRASTRUCTURE AND PHYSIOGRAPHY

Access to the property is by helicopter from seasonal bases at the Bob Quinn Lake airstrip on Highway 37, approximately 25 kilometres to the southeast. A portion of the Galore Creek Mining Corporation's all-weather access road has been constructed westward from Highway 37 and passes within five kilometres of the Voigtberg property. The property covers an unnamed northerly-trending ridge on the southern shoulders of Hankin Peak, a few kilometres north of More Creek, a major tributary of the Iskut River. Topography is rugged, with elevations ranging between 1100 and 2200 metres. More than half of the property is covered by glaciers and permanent snowfields. Most of the property is above treeline, which lies at about 1200 m, and is covered by alpine vegetation and rock talus. Both summer and winter temperatures are moderate although annual rainfall may exceed 200 cm and several metres of snow commonly fall at higher elevations. The property can be worked from early July until September.

## 5.0 HISTORY

The following description of past work on the Voigtberg Property is summarized from Simmon (2006). The earliest documented work on the property was by Lac Minerals who were drawn to the area by the prominent gossan in 1984 during a regional exploration program and took two silt samples that were not worthy of follow up at the time. In 1988 Lac went back to the area and staked the Biskut claim, in advance of an RGS sediment sampling release, and a prospecting program was carried out by Rein Turna in August of that same year. In 1989 Lac Minerals conducted a one day mapping and prospecting traverse across the gossan, describing it as a highly fractured and altered andesite, containing limonite, pyrite, carbonate and silica containing several carbonate-sericite veinlets (up to 1cm wide) with pyrite and trace galena. Two silt samples draining the area of the gossan yielded 290 ppb and 112 ppb Au. Five of the 25 rocks samples collected contained greater than 100 ppb Au, including a felsite breccia, containing approximately 10% pyrite, which graded 897 ppb Au (Brown, 1990). During the same summer field personal from Skeena Resources Limited, conducting work on the adjoining Arctic/Upper More claim group collected a grab sample from the southwestern part of the current Voigtberg property which assayed 16.1 g/t Au (Bobyn, 1990, Baker, 1992).

The claims lapsed and 344967 B.C. Ltd. re-staked it in 1990 as the Voigtberg property, before optioning it to Kingston Resources Limited in early 1991. In 1991 and 1992, two short mapping, prospecting and rock geochemistry programs focused again on the main Gossan Zone. Both programs demonstrated a northeast-trending broad area of low grade gold mineralization in heavily pyrite-carbonate altered andesitic volcanic rocks. Only two of the rock samples from the 1991 program assayed greater than 200 ppb Au, with the highest being 1.17 g/tonne Au (Cavey and Baker, 1991). The most promising results from the 1992 program came again from the area around the Gossan Zone where four samples assayed greater than 200 ppb Au, the highest of which ran 710 ppb Au and 29.5 ppm Ag (Cavey and Raven, 1992). Perhaps more encouraging was one sample taken approximately 800m to the east of the Gossan Zone that contained 0.42% Cu, in an area obscured by a glacier.

In 1993, Kingston conducted a more comprehensive exploration program consisting of grid soil geochemical sampling, grid mapping and an IP/Resistivity survey targeted at covering the area to the west and north of the Gossan Zone. During this program 9.4 line km of grid was established of which 8.9 km were surveyed by IP. This work outlined three zones of interest (Figure 3). The Gold Zone consisted of an area 300 x 200 m with >300 ppb Au in soil and a coincident chargeability high. The West Zone

consisted of an area of high chargeability located about 400 m west of the Gold Zone. The West Zone contained only weakly anomalous soil geochemistry, but this may be masked by the overlying fresh limestone. A third zone of interest located immediately north of the Gold Zone, called the North Zone consists of an area covering approximately 800 x 400 m of anomalous Cu (>250 ppm) and Mo (>100 ppm) in soils coincident with a chargeability high. Both the North Zone soil and chargeability anomalies were open to the north of the grid (Smith, 1993).

In 1994, Hayden Resources Limited optioned the Voigtberg property from Kingston and did 4.5 line km grid mapping and soil sampling. At the Gold Zone infill lines established a northeasterly trend measuring 300 x 50 m of >1000 ppb Au in soil, within a larger area of >100 ppb Au over 1000 x 400 m open to the northeast. At the North Zone, the pre-existing Cu/Mo soil anomaly was extended to the north by an additional 200 m to the edge of the glacier, and found to be coincident with a >200 ppb Zn in soil anomaly (Gunning, 1994).

In 1995 Hemlo Gold Mines Corporation optioned the Voigtberg property from Hayden and did more grid mapping and rock sampling to attempt to locate the source of the Au in soil anomaly identified at the Gold Zone and to locate the source of the 16.1 g/t sample reported by Bobyn (1990). An outcrop to the north of the soil anomaly at the Gold Zone was thought to be the source of the anomalous Au in soil geochemistry (Kemp, 1995). Of 24 rock samples taken, 22 were anomalous in Au, ranging from 300 ppb to 1.43 ppm. In 1996, Hayden Resources Limited conducted a diamond drilling program totalling 455 m in three drill holes from one setup. The drill site was located near the north end of the Gold Zone and was drilled away from the anomalous area. Every sample taken from the drill core was anomalous in Au, and the core averaged 0.263 g/t Au over the entire 455 m (Gunning, 1996).

No further work was done on the property till 2006, when Equity Exploration consulting to Kaminak, did data compilation, mapping, prospecting and soil sampling, and then diamond drilling and channel sampling (Simmon, 2006). Data compilation revealed that seven out of eight silt samples collected from across the Voigtberg property over the years were above the 95th percentile in at least half of the elements of interest when compared to 1,218 regional silt samples taken across the entire 104F & G map sheets by the federal/provincial RGS program (GSC, 1988). Furthermore, the comparison showed that they are broadly anomalous in *all* elements of interest (Au, Ag, As, Cu, Mo, Pb, Zn), except for Sb. For soil samples, percentile levels and correlation matrices were calculated for 585 samples collected from 1989-1995 by several companies. This showed that the 50th percentile levels for Au, Ag, As, Cu, Mo and Pb are all very high – likely due to the fact that these “soil” samples are mainly derived from talus fines, but also to the fact that the soil grid was established by working outward from known mineralization rather than the reverse. The correlation matrix showed a strong relationship between the elements Au, Ag, As and Cu – to be expected in a porphyry related system. A smaller correlation was found between these elements and Mo; possibly indicating the peripheral position of gold in a typical porphyry system. (Several analyses also showed that Mo may contain significant Rhenium on the property). A variable correlation obtained with Pb, Zn and Sb may reflect their location even further outboard relative to Au-pyrite zones in many porphyry systems.

Fieldwork in 2006 located a new zone of molybdenite mineralization approximately 300 m southeast of the Gold Zone, near the toe of a glacier. Eight grab samples from a 60 x 20 m mineralized zone averaged 0.211% Molybdenum, and later an average of 680 ppm Mo was returned from 35 channel samples. Soil sampling in the area of the Gold Zone confirmed the previous anomaly and located the position of the

1996 drill holes. In addition, two float samples containing chalcopyrite-covellite (0.50% and 0.25% Cu) were found which suggested the potential for significant Cu mineralization under the glacier to the NNE of the Moly and Gold Zones. Drilling during 2006 tested the Gold Zone and new Moly Zone (4 holes, 717 m). The most significant result was from drill hole VGT06-05 which yielded 1.03 g/t Au over 51.15 m immediately south and below the '96 holes on the Gold Zone. Between the Gold and Moly Zones VGT06-07 intersected 1.02% Zn over 22.5 m. VGT06-04 tested the Moly Zone but did not intersect significant molybdenum mineralization. VGT06-06 was collared at minus 45 degrees (250 m southwest of the '96 holes) on the Gold Zone and was abandoned (apparently in overburden?!) at 152 m depth with no K-spar porphyritic monzonite dikes, and no significant assays.

The 2007 program (Kutlouglu, 2008) consisted of an airborne EM/Mag survey (404 line km), mapping/prospecting/soil (322) and silt (8) sampling, and drilling (4 holes, 588 m). The surface work attempted to better delineate the context of the geology and anomalous geochemistry of the existing areas, and the potential on two newly staked claims (Eastslope) in the northeast. Unfortunately Fugro's DIGHEM V airborne survey was not completed till near the end of the 2007 field program, too late for proper ground follow-up. On the Eastslope claims 40 contour soil samples contained no significant values, although two adjacent rock samples contained anomalous Au (251-281 ppb) and As (216-226 ppb) near a monzonite dike and have not been followed up. The main objective of the 2007 drilling was to expand on the 2006 results from the Gold Zone and, for the first time, test the North Zone. On the Gold Zone, VGT07-08 tested below VGT06-06 (250 m southwest of the '96 holes) and intersected K-spar porphyritic monzonite dikes and 76.6 m of 0.22 g/t Au with 488 ppm Cu. VGT07-10 was collared 70 m east of VGT06-05 and intersected 76.40 m of 0.40 g/t Au with 160 ppm Cu. On the North Zone VGT07-09 intersected 41.3 m of 0.18 g/t Au and 0.019% Mo at the top of the hole, with no monzonite dikes observed. A second test of the North Zone was attempted by VGT07-11, but had to be abandoned.

## 6.0 GEOLOGICAL SETTING

### 6.1 Regional Geology (from Simmon, 2006)

The regional geology surrounding the Voigtberg claims consists of mid-Paleozoic and Mesozoic island arc successions which are overlapped to the east by clastic sediments of the Bowser Basin (Figure 3). Regional mapping has been carried out at a scale of 1:50,000 by Logan et al (1990a, b; 1992a, b; 1997) of the BCGS and by Read et al (1989) of the GSC. Recent mapping has been done in the Voigtberg area by the B.C. Geological Survey (Alldrick et al, 2005).

The Paleozoic Stikine Assemblage lies entirely west of the Forrest Kerr Fault, with Mesozoic rocks exposed to the east. The Stikine Assemblage is unconformably overlain by island arc volcanic and sedimentary rocks of the Upper Triassic Stuhini Group. At the base of the Stuhini Group is a thick package of fine-grained volcaniclastic and sedimentary rocks, dominated by volcanic wacke, arenite and interbedded siltstone and argillite. These units inter-finger with overlying massive green tuff.

The Early to Middle Jurassic Hazelton Group unconformably overlies the Stuhini Group, and comprises five regional units (MacDonald et al, 1996). A basal coarse clastic unit is a few tens or hundreds of metres thick, overlying the Stuhini Group along a disconformity or angular unconformity conformably overlain by a sequence of andesitic to dacitic volcanics, characterized by extensive variations in thickness and facies. The intermediate volcanic and volcaniclastic strata are locally overlain by regionally discontinuous

felsic calc-alkaline volcanic flows and tuffs. An overlying sedimentary unit is distinguished from the basal unit by the absence of the granitoid-clast conglomerate and by clasts derived from the underlying intermediate volcanic packages. The Upper Sequence of the Hazelton Group is dominantly a bimodal tholeiitic volcanic assemblage with lesser tuffaceous, calcareous and argillaceous rocks, thought to represent intra-arc rifting. Middle to Upper Jurassic Bowser Lake Group marine and terrestrial mudstones, sandstones and conglomerates conformably overlie the Hazelton Group. These basinal clastics lack volcanic components and contain clasts of rock types from adjacent terranes, indicating a change in the local and regional tectonic setting (Roth et al, 1999).

A belt of Early Jurassic Texas Creek calc-alkaline, hornblende granodiorite and quartz monzonite to alkaline, potassium feldspar megacrystic monzogranite plutons trends northwest from Stewart to the Scud River area. Logan et al (1998) includes a northeast-trending monzonite plug on the Voigtberg property and a monzonite to syenite stock immediately west of the Voigtberg property with the Texas Creek suite. Throughout the region, a number of Cu-Au porphyry prospects (e.g. Kerr, Bronson Slope) and precious metal vein deposits (e.g. Silbak Premier, Snip and Brucejack) are related to Texas Creek intrusions.

## 6.2 Property Geology

As per Simmons (2006), the Voigtberg property rock types are described in Table 2. The Voigtberg Property covers an area of Triassic accreted marine sedimentary and volcanic rocks of the Stuhini Group, which have been intruded by at least two generations of feldspar porphyry dykes and stocks of unknown ages. Only a limited amount of detailed geological mapping has taken place on the Voigtberg property, mainly confined to the area where the soil sampling grid was established in the 1990's. As a consequence, the stratigraphic and intrusive age relationships between the rock units are very poorly understood at a property scale.

Table 2: Voigtberg Lithologic Units

### TERTIARY

#### TIN – INTRUSIVE DYKES AND SILLS

TIN1 Basalt: fine-grained, aphanitic, dark green-grey; typically narrow (<3m wide) dykes; rare fine grained hornblende phenocrysts, often following late brittle structures (055 deg)

### CRETACEOUS TO JURASSIC

#### JKIN – INTRUSIVE DYKES, SILLS AND STOCKS

JKIN1 Diorite to monzonite: plagioclase and hornblende porphyritic, up to 40% sericite altered anhedral sub-rounded plagioclase, minor biotite phenocrysts; fine-grained brown matrix

### EARLY JURASSIC

#### Texas Creek Suite Intrusive Rocks (ca. 193Ma)

MJmz Monzonite to Syenite: coarse-grained, K-feldspar-hornblende porphyry, K-feldspar megacrystic containing euhedral 1 cm x 5 mm to megacrystic tabular (3 cm x 6cm) feldspar crystals; dark grey-green fine-grained matrix containing k-feldspar and plagioclase

### UPPER TRIASSIC

## Stuhini Group

### uTMV – MAFIC VOLCANIC ROCK

uTMV1 Andesitic tuff: dark grey-green; well bedded; fine-grained; crystal-rich; contains up to 30% crystal components mainly of plagioclase hornblende and biotite; rare lithic fragments

uTMV2 Massive andesite flows: medium to dark grey-green, euhedral plagioclase phenocrysts (up to 3mm long); minor subhedral biotite crystals; rare aphyric flows; local oblate pillow structures

uTMV3 Dacite lapilli tuff: light grey-dark green, contains up to 15% fine lapilli sized fragments of fine grained aphanitic andesite; up to 15% euhedral quartz crystal fragments up to 3mm wide

uTMV4 Massive dacite flows: dark grey-green, flow foliations variably developed; contains 5-10% euhedral quartz phenocrysts; rarely feldspar phryic; local spheriolites

uTMV5 Rhyolitic flows: light grey-green, well developed flow foliations; commonly aphanitic with rare K-feldspar and quartz phenocrysts; local spheriolites; often associated with minor rhyolitic ash fall units;

### uTMS – MARINE SEDIMENTARY ROCK

uTMS1 Calcareous sandstone and siltstone: green to brown medium- to coarse-grained; lacks well developed bedding

uTMS2 Calcareous conglomerate: polymictic; clast supported; rounded to subrounded pebble to boulder sized clasts; contains mainly sedimentary clasts with lesser volcanic clasts

uTMS3 Pebby siltstone: green to brown siltstone containing auspicious pebble sized fragments of an unknown origin

uTMS4 Limestone: light grey and buff; well preserved; fossiliferous; local recrystallization and marble development associated with monzonitic intrusions

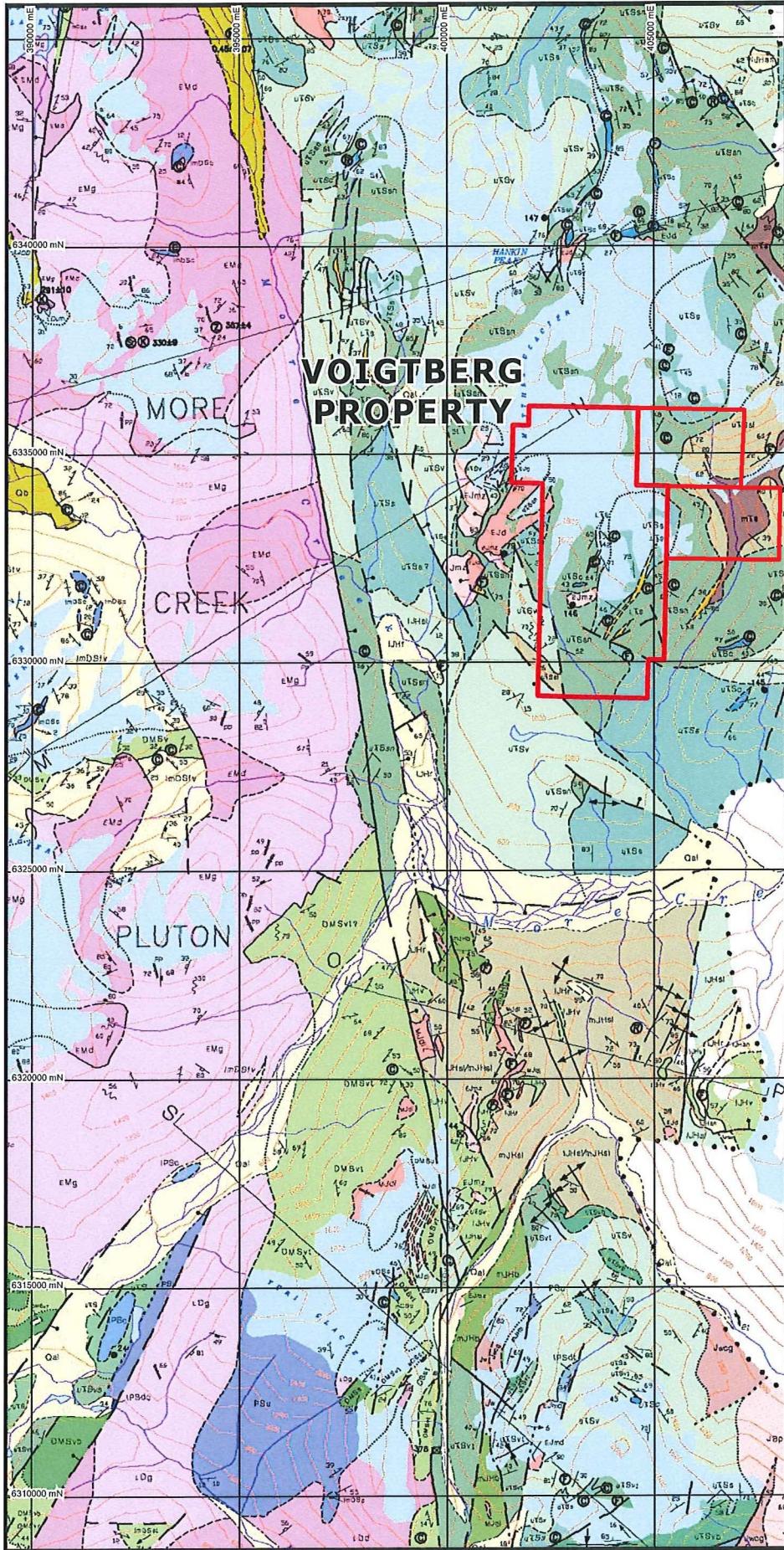
uTMS5 Shale: very dark grey-green to black; well laminated; very fine grained; often interlayered with fine-grain sandstone units; graded bedding is common

During the course of the 2010 exploration program a new rock type was discovered on the property. Lamprophyre dikes (LMP on the rock sample description table) with 5-7% content of distinctive 1.5-2 mm biotite “books” in a fine grained soft matrix were found at three locations. These dikes are moderately magnetic, and have a distinctive rock geochemical signature which includes highly anomalous Cr, Sc, Ti, and Ni as well as other anomalous elements (Table 3). The soft matrix appears to be highly altered (sericite?), and contains traces of both a tiny (1-2 mm) soft green mineral (fuchsite?) and a pinkish mineral. The dikes are about 5m in width and trend at 130/75-SW, and 045/70-NW. Interestingly, this parallels the strike of fractures in fracture controlled pyrite and base metal mineralization elsewhere on the property (Simmons, 2006). Lamprophyre dikes are also known by the author to occur in intimate association with mineralization hosted by Texas Creek intrusive rocks at the past producing Snip Mine.

Table 3: Distinctive Rock Geochemistry of Lamprophyre Dike Samples

Sample_ID	Al(%)	Ba	Ca(%)	Co	Cr	Fe(%)	K(%)	Mg(%)	Ni	Sc	Ti(%)	V
208064	1.9	290	10.6	36	48	4.04	0.52	0.83	25	24	0.07	74
208070	1.78	1770	6.68	24	217	6.19	1.18	3.57	109	21	0.27	178
208071	1.47	210	10.1	30	112	4.68	0.28	1.06	79	28	0.02	83

All values are ppm unless otherwise noted, bright yellow >95th%ile, lt yellow >90th%ile



4 kilometres

BCGold Corp. KAMINAK GOLD CORPORATION			
VOIGTBERG PROPERTY			
REGIONAL GEOLOGY			
	Date: December, 2011	Scale: as shown	Figure
U.T.M. Zone UTM 9 - NAD83	Mining District LIARD	N.T.S. 104G/2E	State/Province BC

### 6.3 Structure

A major northwesterly-trending structure has been inferred for at least six kilometres along Voigtberg Creek, marked by a prominent lineament. This structure juxtaposes Stuhini Group rocks dominated by clastic sedimentary rocks to the northeast and Stuhini Group rocks dominated by submarine mafic volcanic rocks to the southwest. Lesser northeasterly trending faults, such as those outcropping in Gossan Creek, may have acted as pathways along which Jurassic and later intrusions were emplaced, as seen by their northeasterly trends.

Stuhini Group volcanic and sedimentary rocks generally strike northeasterly and are moderately dipping. These units are open to closely folded and shallowly plunging to the north. There are at least two dominant sets of pre-mineralization fractures which are associated with higher concentrations of sulphides, particularly pyrite in the Gold zone. These sets are steeply dipping, trending 045° and 300°, and are present in higher abundance in Stuhini Group rocks adjacent to early Jurassic intrusive rocks (Figure 5). These fractures are also present in mineralized intrusive rocks, suggesting that mineralization is syn- or post- intrusion emplacement.

### 7.0 2010 EXPLORATION METHODOLOGY

Exploration on the Voigtberg property in 2010 comprised 10 field days of geological mapping, prospecting and soil sampling (excluding travel and weather days), carried out between August 23 and September 6, 2010. The author directed the program, with the help of prospector Alfi Eldon, and assistant Paul Bruder, all housed in a temporary tent camp built by Nugget Expediting of Smithers, BC at kilometer two on the Eskay Creek mine road. Daily transport to the property was provided by Quantum Helicopters of Terrace, BC, with an A-Star positioned at the Bob Quinn Lake airstrip. A survival pack containing two tents, three sleeping bags, food, and a first aid kit was placed near the daily drop-off or pick-up locations for use in emergencies. On *all* field days the cloud cover was at the elevation of the glacier just above our heads. A magnetic declination of 22°30'E was used for all compass measurements. Maps and UTM coordinates reference the 1983 North American Datum (NAD-83), Zone 9.

A total of 160 Rock samples, and 14 soil samples were collected during 2010. Locations of both rock and soil samples were marked in the field with pink or orange and blue flagging tape and a labeled aluminium tag. Rock sample descriptions including UTM locations are attached as Appendix A, a summary table of results sorted by location, with some statistics is presented In Appendix B, and a correlation matrix is attached as Appendix C.

All samples were packed in rice sacks and sealed with uniquely-numbered non-resealable security straps. The rice sacks were then shipped via Bandstra Transportation Systems Ltd. from Bob Quinn Lake, B.C. or by Greyhound Courier from Smithers to ALS Chemex' prep lab in Terrace. ALS Chemex reported no tampering with the security seals. After preparation the sample pulps were shipped to ALS Chemex Labs in North Vancouver and analysed for gold by 30 gram fire assay with AA finish, and 35 other elements by aqua regia digestion and ICP-AES. A pulp assay was also carried out for two high geochemical values of Zn using an aqua regia digestion and ICP-AES. Assay Certificates are attached as Appendix D.

## 8.0 QA/QC

No independent QA/QC program was implemented by BCgold for the program. ALS Chemex Laboratories is ISO 9001:2000 certified, and has their own in-house QA/QC program utilizing blanks, duplicates and standards. Prior to issuing analytical certificates, ALS Chemex must assure themselves that their QA/QC samples are within acceptable limits, and these results are presented in Appendix E. The ALS Chemex QA/QC for the gold fire assays included 8 duplicates, 11 blanks, and 4 standards. For the ICP-AES procedure the QA/QC included 4 duplicates, 9 blanks, and 4 standards. For the Zn assay, 1 duplicate, 2 blanks and 2 standards were added. Due to the small number of samples no attempt was made to do a statistical analysis of the results. A visual examination reveals that only 7 values were outside the target range (highlighted in red), and even these were outside by only very small amounts.

## 9.0 2010 EXPLORATION RESULTS

In the following discussion the terms “highly Anomalous” and “anomalous” refer to results above the 95<sup>th</sup> and 90<sup>th</sup> percentiles respectively calculated on the 2010 data (all 174 samples). “Elevated values” has a more general meaning. Refer to Figures 5, 6, and 7 for values Copper, Gold, and Moly respectively.

### 9.1 Gold Zone

Previous programs recommended further prospecting to the east of the Gold Zone to see if melting ice was exposing more mineralization in that direction. While the old drill core was being un-stacked for examination, a small traverse was completed in this area by the author and Ms. Eldon. Unfortunately all of the material here consists of talus of indeterminate origin. A single float sample here of hornfelsed sediments (208124) contained no significant results. Prospecting at the south edge of the Gold Zone and towards the Moly Zone obtained thirteen samples all with elevated gold (above 50<sup>th</sup> percentile), and one of which contained 1.64 ppm Au – the highest of the program. In addition many of the samples contained elevated or higher values in Ag, As, Co, Cu, Co, Mo, Pb and Zn which demonstrates the polymetallic nature of this area. Two samples at the west edge of the Gold Zone had no significant values (Figure 5).

### 9.2 Moly Zone

Previous reports recommended further prospecting to the east of the Moly Zone to see if melting ice was exposing further mineralization in that direction. A series of 11 semi-contiguous chip samples (#208107-#208117) about 1m each were taken beginning at the edge of the ice approximately 50 m east of the collar of VGT06-04 (Figure 7). None of these contained significant values in any of the elements of interest. A further 21 samples collected to the north, east and southeast of the Moly Zone yielded only a few samples anomalous in any of the elements of interest. Samples 208119, 208120, and 208121 were collected along an apparent north trending fault structure at the north end of the Moly Zone, and the most northerly of these contained anomalous Zn. Drillhole VGT06-07 may have followed this, or a similar structure, which would explain the high Zn values (1.02% Zn over 22.5 m) obtained in that hole.

### 9.3 North Zone

Five samples collected in the central part of the North Zone from outcrops not previously sampled yielded only slightly elevated values in Au and Mo.

## 9.4 West Zone

The West Zone is an IP chargeability anomaly defined in 1983, predominantly covered by overburden, and possibly masked by limestone. In the northwest of this, just off the anomaly a cluster of 11 samples taken in 2010 all contained elevated to highly anomalous values in Au, Ag, Co, Cu, Mo, and As, Sb (Table 4). This area lies just below a black gossanous seep, and just above a kame terrace or lateral moraine that follows the contour and diverts the drainage. These results upgrade the potential in the West Zone, and add further evidence for the continuity of the Gold Zone westward under the limestone cover as suggested by previous authors (e.g. Simmons, 2006). Pre-2006 soil samples here show four or five samples between 100-385 ppb Au at the edge of the soil grid, but it may be that some soil sample results have been depressed or obscured by the moraine.

Table 4: Rock Geochemistry for samples east of the West Zone

Sample_ID	Au-AA23	Ag	As	Co	Cu	Fe(%)	Mg(%)	Mn	Mo	Pb	S(%)	Sb	Zn
208033	0.905	3	305	33	115	7.03	0.09	180	98	63	7.7	13	131
208034	0.192	2.5	192	11	55	4.12	2.04	3220	28	22	5	2	853
208035	0.122	1.9	507	22	107	19.4	0.46	503	20	109	>10.0	16	122
208036	0.055	1	133	21	139	3.62	2.28	3510	1	25	3.5	4	45
208037	0.129	5.5	283	45	2860	6.94	2.64	3120	5	581	4.32	6	655
208038	0.12	9.1	480	53	2690	10.35	3.75	5210	12	230	6.1	11	907
208075	0.056	13.6	329	40	201	7.46	0.03	153	135	74	8.4	9	41
208076	0.429	15.4	39	4	38	2.42	0.03	33	108	75	1.26	2	13
208077	0.683	2.2	287	31	116	6.48	0.04	89	30	34	6.3	16	95
208078	0.562	1.2	276	16	65	4.58	0.03	33	15	9	4.55	5	79
208079	0.071	1.8	61	27	81	5.38	0.07	241	78	49	5.47	3	20

All values are ppm unless otherwise noted, bright yellow >95th%ile, lt yellow >90th%ile

## 9.5 Gossan Zone

The Gossan Zone is an elongate 800 x 600 m area of limonite characterized by pervasive illite/smectite and silica with lesser kaolinite, gypsum and late calcite directly south of, and down topography from, the Gold Zone. At the east end of the gossan several narrow (< 1.5 m), easterly trending, moderately north dipping, discontinuous, massive sulphide veins carry pyrite with lesser sphalerite and rare galena and chalcopyrite. Past writers have suggested these may represent polymetallic veins which developed in the lithocap environment or peripheral to porphyry Cu-Mo style mineralization, possibly in a more distal environment than the Gold Zone, suggesting Cu-Mo (proximal) styles of mineralization might be found north of the Gold and Gossan Zones, perhaps under the North Zone or deeper under the Gold Zone. The area immediately north of the Gossan Zone, above the hill, is dominated by fresh limestone, which appears to mask the underlying alteration and mineralization. The areas to the south and east are dominated by Stuhini Group K-feldspar-biotite-dickite altered rhyolite and dacitic flows and several monzonite intrusions. The area to the southwest, down the valley, has not been mapped in detail in spite of a 16.1 g/t Au sample reported from there (Bobyn, 1991).

In 2010 intensive prospecting in the west of the Gossan Zone located mostly what appeared to be rotten andesite tuff, obscured by intensive sericite, and chlorite alteration, silicification , and abundant variably weathered pyrite and clay content as fracture coatings, and disseminations, and coatings or replacements of round lapilli clasts. Two small outcrops of plagioclase and biotite feldspar porphyry, likely Cretaceous diorite, are less altered, barren, and contain no visible sulphides. A total of 42 samples were collected from the Gossan Zone, including 2 soils, and 5 samples from east and south of the Gossan across the valley. Of these, anomalous or highly anomalous results were returned for Au in 6 samples, Pb, Zn, or Cu in 10 samples, As in 6 samples, and Sb, Ag in 4 samples. This confirms the polymetallic nature of mineralization in the entire Gossan Zone. Unfortunately the highest gold sample ran 0.837 g/t Au, and only very narrow veinlets (<10cm) were located, which downplays the precious metal vein potential. Of some interest, two samples (208023, 208024) collected from a k-spar monzonite dike southeast of the Gossan Zone contained variably elevated values of Au and Ag, and were highly anomalous in at least two of Cu, Mo, Pb or Zn. This area is at the base of a steep talus slope with boulders constantly shedding off the mountain, so that further evidence of mineralization on this side of the valley at this lower elevation is limited, and encouraging.

## 9.6 Additional Prospecting

Additional prospecting was conducted in three areas as suggested by previous reports. An attempt was made to try to examine the surface outcrops in the area of strong, magnetic conductor "A" discovered by the 2007 Airborne Survey along the western boundary of the survey. Unfortunately access is not possible as the entire area coincides with a steep cliff above the glacier. Further to the south on the same side of the valley two outcrop samples were taken of a purple hematite and propyllitically altered andesite which contained highly anomalous Cr, Ni, Mg, Sc, Ti, V – likely a separate volcanic suite to that on the rest of the property. Results for these and a third sample of float contained no significant values for any of the elements of economic value or their pathfinders.

Six or seven west facing creek drainages to the south of, and parallel to the Gossan Zone were overflowed by helicopter in an attempt to locate outcrop, and drop-off points. Most of the hill is covered with grass and alpine rhubarb, and is steep enough that helicopter toe-ins would be required. Outcrop was observed in only one of the creeks and a traverse was made down it. Limestone and calcareous siltstone to conglomerate with an equal amount of k-spar monzonite, and two lamprophyre dikes (see above) were the rock types encountered. The limestone is essentially unaltered, or has calcite veining, while the siltstone and sandstone have variable amounts of pyrite (2-5%) with some quartz veinlets. Of a total 17 samples in the area, 11 were from outcrops of the monzonite. None of these samples returned any values of significance except for the last sample which contained anomalous Au, Ag, Hg, Pb, Sb, and the highest values of the entire program for Cd (105ppm) and Zn (1.67%), and an adjacent sample of conglomerate (0.057 ppm Au). Interestingly, alteration including silicification and pyrite content of both the sediments and monzonite clearly increases down slope, with the anomalous samples coinciding with the lowest topography. This increasing alteration downslope was also noted by earlier authors (e.g. Simmons, 2006).

The third area of additional prospecting was done in a bowl in the southeast of the claims, and up onto the ridge along the east side. Some limestone and siltstone were tracked over the ridge top, but the predominant rock type was andesite tuff and K-spar monzonite. The sediments are only very weakly altered. Alteration in both tuffs and monzonite consists of quite variable amounts of pyrite, silicification,

and propylitic alteration. A total of 36 samples were taken in this area, nine of monzonite. Two samples, one of monzonite and one of andesite tuff, carried highly anomalous values in Pb and Zn, and the remaining samples were barren. Exploration in 2007 located two samples anomalous in Mo along the ridge top, and suggested that this could be a southeasterly extension to the Moly Zone. Considerable time was spent in 2010 trying to re-locate those samples and prospecting, and neither the original samples nor any further molybdenite mineralization was found. Furthermore, rock types on the north side of the bowl appeared to the author to be primarily K-spar monzonite rather than Cretaceous intrusives as originally mapped.

## 9.7 Soil Sampling

Since no outcrop was located by air on the west facing hillside south of the Gossan Zone, a 550 m long single line of 12 contour soils was done with 50 m spacing along the ~1,350 m elevation contour. The purpose of this soil line was to follow up downslope of a 2007 soil sample (#202597, 516 ppm Cu), and airborne conductor "J". All samples were taken of the beige-yellow talus fines underlying under the black organic layer. No significant values were returned for any economic elements or their pathfinders.

## 10.0 INTERPRETATIONS AND CONCLUSIONS

The Voigtberg property hosts several different styles of mineralization, which appear to be temporally, spatially and genetically related to dikes of Early Jurassic Texas Creek Suite orthoclase megacrystic monzonite. Overall the mineralized zones of the North, Gold, Moly and Gossan zones comprise a 2.5 x 1.5 km area of continuously mineralized volcanic and intrusive rocks containing low grade disseminated Au and lesser Cu and Mo bound by glaciers on three sides. Porphyry-related alteration is persistent throughout this same area as variably present early biotite and k-spar and more pervasive silification and propylitic alteration with pyrite, manganese and carbonate. Late Triassic Stuhini Group volcanic rocks are better mineralized than the sediments, and for gold dacitic lapilli tuffs, dacitic flows and massive andesite units appear to be best mineralized. At the other end of the spectrum, a limestone unit appears to completely resist mineralization, even where adjacent alteration is intense, and possibly acted as buffer to hydrothermal fluids.

The work in 2010 focused on trying to expand the known zones of mineralization with some limited mapping and prospecting of the rest of the property. Prospecting and sampling down a creek south of the gossan zone, and a contour soil line confirmed the general concept that alteration and mineralization increases at lower elevations, but did not locate any mineralization of sufficient strength to warrant further follow up. Prospecting and sampling to the southeast and far west gave results that downgrade the potential in those areas as well.

Prospecting east of the Gold Zone, east of the Moly Zone and within the North Zone failed to turn up additional mineralization which would extend or enlarge these zones. Just east of the West zone however, a cluster of 11 samples contained elevated to highly anomalous values in all elements of interest, upgrading the potential in the West Zone, and adding further evidence for the continuity of the Gold Zone westward under the limestone cover.

Further surface work is warranted in several areas. The West Zone should be prospected in detail, and the soil grid should be extended westward into the valley; possibly with IP follow up. Detailed prospecting and mapping should be continued on the east and north edges of the North Zone to try to

locate the source of the chalcopyrite-covellite mineralized float at the bottom of the Glacier. The base of the hill along the south side of the Gossan Zone valley should be carefully prospected for subtle mineralization under or at the edges of the talus slope. Unfortunately, the latter two areas are difficult and dangerous to explore due to rock falls. Detailed mapping in selected areas might be done to try to ascertain if the Mo/Cu, Gold, and base metal zonation is truly on a property wide scale, or a more local scale directly related to individual monzonite dikes.

Future drilling should be aimed at defining the extent of subsurface mineralization in the Gold Zone by stepping east and west from known mineralization. A parallel section is suggested to the northeast of the '96 holes where the glacier has retreated and a talus field remains. Stepping west, a drill hole northward from within the Gossan Zone valley is suggested to test the Gold Zone at lower elevations. Additional drilling could be done at the West Zone and the North Zone, but these remain of lower priority compared to the Gold Zone, until more can be learned about these areas.

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## 12.0 2010 EXPENDITURES

<b>Exploration Work type</b>	<b>Comment</b>	<b>Days</b>		<b>Totals</b>
<b>Personnel (Name)* / Position</b>	<b>Field Days (list actual days)</b>	<b>Days</b>	<b>Rate</b>	<b>Subtotal*</b>
Bruce Coates - Geologist		16.0	\$600.00	\$9,600.00
Alfi Elden - Prospector		15.5	\$350.00	\$5,425.00
Paul Bruder - Assistant		15.0	\$300.00	\$4,500.00
			\$0.00	\$0.00
			\$0.00	\$0.00
			\$0.00	\$0.00
				<b>\$19,525.00</b>
<b>Office Studies</b>	<b>List Personnel (note - Office only, do not include field days</b>			
Literature search	Bruce Coates	4.0	\$600.00	\$2,400.00
Database compilation	Bruce Coates	4.0	\$600.00	\$2,400.00
Computer modelling			\$0.00	\$0.00
Reprocessing of data	Gary Sidhu	4.3	\$350.00	\$1,487.50
General research			\$0.00	\$0.00
Report preparation	Bruce Coates	10.0	\$600.00	\$6,000.00
Map Preparation	Serge Tremblay	5.0	\$600.00	\$3,000.00
				<b>\$15,287.50</b>
<b>Airborne Exploration Surveys</b>	<b>Line Kilometres / Enter total invoiced amount</b>			
Not applicable			\$0.00	\$0.00
				<b>\$0.00</b>
<b>Remote Sensing</b>	<b>Area in Hectares / Enter total invoiced amount or list personnel</b>			
Not applicable			\$0.00	\$0.00
				<b>\$0.00</b>
<b>Ground Exploration Surveys</b>	<b>Area in Hectares/ List Personnel</b>			
Geological mapping				
Regional				
Reconnaissance				
Prospect	Bruce, Alfi, and Paul			
Underground	Define by length and width			
Trenches	Define by length and width			
				<b>\$0.00</b>
<b>Ground geophysics</b>	<b>Line Kilometres / Enter total amount invoiced list personnel</b>			
Not applicable				
				<b>\$0.00</b>

<b>Geochemical Surveying</b>	<b>Number of Samples</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Drill (cuttings, core, etc.)			\$0.00	\$0.00	
Stream sediment			\$0.00	\$0.00	
Soil		10	\$24.49	\$244.90	
Rock		164	\$34.49	\$5,656.36	
Water			\$0.00	\$0.00	
Biogeochemistry			\$0.00	\$0.00	
Whole rock			\$0.00	\$0.00	
Petrology			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$5,901.26	<b>\$5,901.26</b>
<b>Drilling</b>	<b>No. of Holes, Size of Core and Metres</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Not applicable			\$0.00	\$0.00	
				\$0.00	<b>\$0.00</b>
<b>Other Operations</b>	<b>Clarify</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Not applicable			\$0.00	\$0.00	
				\$0.00	<b>\$0.00</b>
<b>Reclamation</b>	<b>Clarify</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Not applicable			\$0.00	\$0.00	
				\$0.00	<b>\$0.00</b>
<b>Transportation</b>		<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Airfare	3 flights return Van -> Smithers (inc	1	\$3,154.60	\$3,154.60	
Taxi	2 rides from YVR -> Vancouver	1	\$62.68	\$62.68	
Truck rental		1	\$1,317.48	\$1,317.48	
Kilometers			\$0.00	\$0.00	
ATV			\$0.00	\$0.00	
Fuel	Gasoline for truck		\$154.50	\$0.00	
Helicopter (hours)	Wet/hr	12	\$950.00	\$11,400.00	
Fuel (litres/hour)			\$0.00	\$0.00	
Other					
				\$15,934.76	<b>\$15,934.76</b>
<b>Accommodation &amp; Food</b>	<b>Rates per day</b>				
Hotel	2 rooms 23th Aug, 1 rm 7th Sept	3	\$95.20	\$285.60	
Camp	3 people x \$208/day = \$624/day	15	\$624.00	\$9,360.00	
Meals	On way thru Smithers	1	\$216.78	\$216.78	
				\$9,862.38	<b>\$9,862.38</b>
<b>Miscellaneous</b>					
Other field supplies	Vest, metal tags, rock hammers, fla	1	\$931.98	\$931.98	
Other	Nugget Expediting - Sample bags, e	1	\$39.40	\$39.40	
				\$971.38	<b>\$971.38</b>
<b>Equipment Rentals</b>					
Field Gear (Specify)	2 x Radios at \$3.25/day each	20	\$6.50	\$130.00	
Other (Specify)		1	\$39.40	\$39.40	
				\$169.40	<b>\$169.40</b>
<b>Freight, rock samples</b>					
	Banstra Invoices	1	\$165.31	\$165.31	
	Greyhound	1	\$108.60	\$108.60	
				\$273.91	<b>\$273.91</b>
<b><i>TOTAL Expenditures</i></b>					<b>\$67,925.59</b>

## 13.0 CERTIFICATE OF QUALIFICATIONS

Bruce Coates, P. Geo.  
Core Assets Consulting  
845 East 31<sup>st</sup> Avenue  
Vancouver, B.C. V5V 2X2  
Tel: (604) 874-6799  
Email: bruce\_coates@hotmail.com

I, Bruce Coates, B. Sc. Geology, P. Geo. do hereby certify that:

1. I graduated with a Bachelor of Science degree in Geology from the University of British Columbia in 1985.
2. I have worked as a geologist for a total of 20 years since my graduation from university, and have been involved in mineral exploration and mining for base and precious metals and uranium throughout western Canada and Russia.
3. I am responsible for the collection and presentation of the technical information contained in this report entitled: 2010 GEOLOGICAL AND GEOCHEMICAL REPORT ON THE VOIGTBERG PROPERTY.
4. I have no interest, nor do I expect to receive an interest financial or otherwise, in BCGold Corporation or Kaminak Gold Corporation.
5. I am certified as a Registered Professional Geologist with the Association of Professional Engineers and Geoscientists of British Columbia.

Respectively Submitted:



Bruce Coates, B. Sc. P. Geo.

## Appendix A - Voigtberg Project - 2010 - Rock Sample Descriptions - Page 1

Sample	UTM_N	UTM_E	Area/Zone	Elev(m)	By	Date	Type	Wide	Host	Alteration	Metallics	Secondary	Comments
208016	6331681	403261	Au-W	1633	AE	8/26	Grab		LST	CA veins	3-5%PY		
208017	6331267	402986	Au-W	1604	AE	8/26	Boulder		MFP?	SL	PY		fgr Syenite?
208018	6331574	403727	Moly-E	1623	AE	8/28	Grab		MFP	CL, CA	PY		
208019	6331670	403608	Moly-N	1614	AE	8/28	Grab		MFP	CA veins	3-5%PY	mGE	Dike, med Gy, Cubic PY, True width 2.00 m
208020	6331665	403606	Moly-N	1607	AE	8/28	Grab				10-20%PY	mGE	drk Gy, vfgr, vfgr PY, No Fizz, CT w dike above?
208021	6331683	403597	Au-SW	1608	AE	8/28	Grab		MFP	wCL, sSL	7-8%PY		w Fizz
208022	6331718	403576	Au-SW	1626	AE	8/28	Grab		AND	mSL	5-7%PY	mGE	ItGy, poss. fault zone @010/80W
208023	6331377	403538	Gossan-SE	1547	AE	8/28	Grab		MFP	CA veins	20-30%PY	trMC, 1%MN	CA veins to 2cm, tr SP
208024	6331366	403538	Gossan-SE	1542	AE	8/28	Grab		MFP?	CA veins	20-30%PY	trMC, 1%MN	PY spheroids in mtrx, tr MO
208025	6330728	403687	South	1574	AE	8/29	Grab		SST	mSL	1-2%PY	trGE	SL in vfgr veinlets, PY vfgr diss
208026	6330692	403631	South	1530	AE	8/29	Subcrop		MFP	mCL, mSL	10%Py		
208027	6330635	403464	South	1480	AE	8/29	Grab		LST	mSL	PY		It Gy, w/ vfgr cubic PY
208028	6330599	403463	South	1460	AE	8/29	Grab		MFP		1-2%PY	trGE	wk Fizz
208029	6330562	403464	South	1428	AE	8/29	Grab		MFP?	mSL	1-2%PY	trGE	vfgr PY
208030	6330517	403447	South	1413	AE	8/29	Grab		MFP	mSL	1-2%PY	trGE	med Gy, vfgr PY
208031	6330520	403450	South	1411	AE	8/29	Grab		MFP?	mSL, CY	1-2%PY	trGE	med Bl-Gy, vfgr PY
208032	6330425	403393	South	1363	AE	8/29	Grab		CNG		5-7%PY		Pebble Conglomerate w/ fgr PY
208033	6331858	402939	West	1515	AE	8/30	Grab		AND?		10%PY	sGE, trSR	drk Gy, vfgr, vfgr PY
208034	6331855	402947	West	1521	AE	8/30	Grab		AND?	CA+SL flood	20-50%PY	sGE, sMN	drk Gy, weathers almost black, tr SP
208035	6331854	402953	West	1518	AE	8/30	Grab		AND?	CA+SL flood	20-50%PY	sGE, trSR	drk Bl-Gy, same rock unit as 208034
208036	6331843	402975	West	1537	AE	8/30	Grab		AND?	sSL	5-7%PY	sMN, sGE	It Gy, w/ vfgr SL str, and vfgr PY
208037	6331843	402976	West	1537	AE	8/30	Grab		AND	sCL, sSL	1-7%PY	sMN, trSR	fgr, Gy greenstone Tuff
208038	6331843	402976	West	1537	AE	8/30	Grab		AND	sCL, sSL veins	1-7%PY	trGL, trSR	fgr, Gy greenstone Tuff, same rock unit as 208037
208039	6330916	404221	East	1673	AE	8/31	Chip	1.60	SLT	w-sSL	trPY	mGE	085/90
208040	6330909	404222	East	1667	AE	8/31	Grab		MFP	mSL, mCA	3-5%PY	sGE, sMN	It Gy, vfgr CA veinlets
208041	6330874	404154	East	1684	AE	8/31	Grab		MFP	w-mCA			It Gy, vfgr CA veinlets, abundant green mineral (fuchsite?)
208042	6330880	404126	East	1702	AE	8/31	Grab	2.00	SLT	w-sSL	nvs	sGE	Bedding @085/90
208043	6330862	404115	East	1711	AE	8/31	Grab		MFP	mCB	trSP		CA +/- QZ veins
208044	6330838	404136	East	1695	AE	8/31	Grab		AND	sCL	nvs		wk Fizz
208045	6330754	404125	East	1719	AE	8/31	Grab		AND	mCA veins	nvs	sGE	Poss. Tuff
208046	6330781	404163	East	1694	AE	8/31	Grab		MFP	wCA, sSL, wCL	1%PY		
208047	6330779	404167	East	1690	AE	9/1	Grab		AND		trPY	sGE	fgr Tuff, w-m Fizz, 1x0.5cm PY vein
208048	6330802	404211	East	1666	AE	9/1	Grab		AND	sCA veins	2%PY	sGE	fgr Tuff, buff weathering, vfgr PY str
208049	6330812	404214	East	1661	AE	9/1	Grab		AND	mSL, mCA veins	7%PY	mGE	fgr Gy Tuff, cherty beds w/ PY nodules, same O/C as 208048
208050	6330769	404185	East	1677	AE	9/1	Grab		AND	mCA veins	trPY	sGE in Fault	fgr Tuff, altered in a fault?
208051	6331776	403541	Au-S		BC	8/27	Grab		AND	mSL, wCA	5%PY		Many similar O/C's here
208052	6331774	403565	Au-S		BC	8/27	Grab		LST		2%PY		5-40cm lense in ANDS @024/90
208053	6331572	403702	Moly		BC	8/28	Chip	0.70	MFP	sCL, sCA	trPY		sMag
208054	6331571	403700	Moly		BC	8/28	Chip	0.40	MFP	mCL, mCA, mSL	trPY		
208055	6331569	403704	Moly		BC	8/28	Grab		MFP			QZ, CA	w Gy gouge
208056	6331644	403601	Gossan-E		BC	8/28	Grab		RHY		7%PY	iGE	Bnd'd PY mush grading into Rhyolite Flows @065/90
208057	6331680	403623	Gossan-E		BC	8/28	Chip	2.50	RHY?		10%PY	iGE	Shr'd along fault @055/90
208058	6331680	403623	Gossan-E		BC	8/28	Chip	1.00	RHY?		7%PY	iGE	Just NW of the above sample includes minor gouge and slicks
208059	6331750	403565	Au-S		BC	8/28	Grab		AND?	mKF?, sSL	3%PY		Large O/C covers cliff and continues to WSW for ~70m

## Appendix A - Voigtberg Project - 2010 - Rock Sample Descriptions - Page 2

Sample	UTM_N	UTM_E	Area/Zone	Elev(m)	By	Date	Type	Wide	Host	Alteration	Metallics	Secondary	Comments
208060	6331714	403558	Gossan-E		BC	8/28	Grab		AND	sSL	10%PY	mGE	ItGy, poss. fault zone @010/80W
208061	6331714	403548	Gossan-E		BC	8/28	Grab		AND	sSL	10%PY	mGE	10m west of above
208062	6331630	403538	Gossan-E		BC	8/28	Grab		RHY	iSL	15%PY	iGE	Vfgr, It BI-Gy, PY in "lams", 1.5cm ferrocrite coat, along crk
208063	6331605	403500	Gossan-E		BC	8/28	Float		RHY	iSL	7%PY	trGP, sJA	Vfgr, It BI-Gy, represents O/C in cliff above (60-70m)
208064	6331285	403561	Gossan-SE		BC	8/28	Grab		LMP	sCL,	trPY	wMN	Vfgr mtrx, 5%x1-2mm BI books, 1-2%PF
208065	6331243	403556	Gossan-SE		BC	8/28	Grab		MFP	mCL, mCA, mSL	trPY	wMN	
208066	6330797	403591	South		BC	8/29	Grab		LST	mCA veins	nvs	wMN	Gy, massive
208067	6330782	403577	South		BC	8/29	Grab		MFP		trPY	wMN	mMag, 2 O/Cs along contour, and 2 more straddle crk below
208068	6330691	403639	South		BC	8/29	Grab		MFP		nvs	wMN	50x50m O/C
208069	6330745	403514	South		BC	8/29	Grab		MFP	mCA, mSL	3%PY	wMN	mFizz, shr/fault @050/90
208070	6330722	403506	South		BC	8/29	Grab		LMP?	wCA ff's		wMN	mMag, 5-7% BI books, tr FU, 1-2% Pi GA? @130/74SW True width 5m
208071	6330600	403531	South		BC	8/29	Chip	2.00	LMP?	mCA ff's on F/W		wMN	5-7% BI books, tr FU, 1-2% Pi GA? @045/68NW
208072	6330590	403518	South		BC	8/29	Grab		MFP	sSL	3%PY	wGE	
208073	6330513	403460	South		BC	8/29	Grab		MFP	sSL	3%PY	wMN	
208074	6330482	403429	South		BC	8/29	Grab		MFP?	iSL, mCA	5%PY, 3%SP	wGE, wMN	15x20m O/C @ waterfalls
208075	6331860	402890	West	1496	BC	8/30	Grab		DAC		10%PY	wJA, wGE, wSR	drk Gy, flow bnd, pos QZ eyes, dusty BI
208076	6331798	402905	West	1511	BC	8/30	Grab		AND	sCL, sEP, mCB	3%PY		fgr Tuff, sProp, no Fizz
208077	6331769	402928	West	1532	BC	8/30	Grab		AND	sCL, sEP, mCB	7%PY		drk Gy Tuff?, Prop altn absent, no Fizz, O/C continues to S for +70m
208078	6331735	402942	West	1540	BC	8/30	Grab		AND	iSL, mCL	10%PY		Tuff, no Fizz, mod Prop altn
208079	6331683	402951	West	1554	BC	8/30	Grab		AND		7%PY	wGE	Tuff
208080	6332030	403144	North	1624	BC	8/30	Grab		AND	sCL	nvs	mHE, wMN	lappilli Tuff, sPurp, trCA, (sampled previously?)
208081	6332125	403090	North		BC	8/30	Subcrop		AND?		12%PY		vfgr, It BI-Gy, mCL
208082	6332193	403190	North		BC	8/30	Chip	5.00	AND	mCL	nvs	mHE, wMN	agglomerate?, mPurp clasts, mCL mtrx
208083	6332243	403211	North		BC	8/30	Talus			wCY	nvs	wJA	Represents talus slope (5-15cm material)
208084	6332334	403254	North	1733	BC	8/30	Grab		AND	wCY	3%PY		fgr Tuff?, massive, no SL, no CA, CY after FP?
208085	6330978	404250	East		BC	8/31	Chip	3.50	SLT	wSL?	2%PY	wGE	Bedding @140/80 SW, PY on ff's
208086	6330990	404262	East		BC	8/31	Grab		AND	w-mSL, mCA	1%PY	sGE	lappilli Tuff, CA=CB veinlets? (rusty)
208087	6330993	404176	East		BC	8/31	Grab		MFP	sCL, iCB	nvs		Lt Gr, s Fizz when powdered!
208088	6331112	404256	East	1700	BC	8/31	Grab		AND	mSL, mCA	trPY		Vfgr, It BI-Gy
208089	6331150	404335	East	1694	BC	8/31	Grab		LST	wSL? mCA	nvs		Gy-Bu, CA ff's, tr green mica? Small O/C's @ 065 deg
208090	6331178	404332	East	1704	BC	8/31	Chip	0.50	CA vn		nvs	mGE	Cgr CA, (@145/70 NW), cuts scattered AND Tuff O/C's
208091	6331283	404351	East	1694	BC	8/31	Grab		AND	mSL, mCA	3%PY	mGE	Vfgr, It BI-Gy
208092	6331378	404458	East		BC	8/31	Grab		AND?		1%PY	mMN	Vfgr, It BI-Gy Tuff
208093	6331435	404518	East		BC	8/31	Grab		AND	sCA	nvs		Vfgr Bk specks(?) 5-7%CA stkrwk
208094	6331070	404286	East	1670	BC	9/1	Grab		AND	mSL, sCA	nvs	mGE	Vfgr, It BI-Gy Tuff, CA in 1x5cm clots
208095	6331105	404325	East		BC	9/1	Grab		AND	mSL, sCA	2%PY	mGE	Vfgr, It BI-Gy Tuff
208096	6331154	404347	East		BC	9/1	Grab		LST		nvs		Mass, Gy grades to SL LST and Limey Tuff
208097	6331287	404270	East		BC	9/1	Grab		MFP	sSL, mCA	1%PY, trGL	mGE	Classic, It BI mtrx, PY (tr GL) nr tiny (1-3mm) QX vnlts w Pu HE
208098	6331287	404278	East		BC	9/1	Grab		MFP	sSL, mCA	1%PY,GL,SP	mGE	As above, vague silica veins up to 15cm
208099	6331163	404063	East		BC	9/1	Chip	0.10	CA vn		nvs		Cgr CA, cuts scattered AND Tuff O/C's
208100	6331163	404063	East		BC	9/1	Chip	0.80	AND	SCL, trEP	nvs	wGE	0.4m either side of vein, i propylitic altd AND Tuff
208101	6330734	404195	East	1676	AE	8/31	Grab		AND	mCL, w-mCA veins	nvs	sGE	Tuff
208102	6330666	404198	East	1688	AE	9/1	Grab		AND	w-mCL,m-sSL,sCA	2-3%PY	sGE	Tuff, w/ PY veinlets, and pseudoleucite crystals??
208103	6330649	404221	East	1678	AE	9/1	Grab		AND	w-mCL,m-sSL,sCA	3%PY,1%SP	sGE	Tuff, w/ PY in veinlets

## Appendix A - Voigtberg Project - 2010 - Rock Sample Descriptions - Page 3

Sample	UTM_N	UTM_E	Area/Zone	Elev(m)	By	Date	Type	Wide	Host	Alteration	Metallics	Secondary	Comments
208104	6330667	404411	East	1623	AE	9/1	Grab		AND	m-sSL	2-3%PY		Tuff, w/ PY diss
208105	6330669	404524	East	1606	AE	9/1	Grab		AND?	m-sSL,mCL,mCAvns	2-3%PY	mGE	Tuff, w/ PY diss
208106	6330787	404178	East	1684	AE	8/31	Float		MFP		2-4%PY		Pyrite around SL Megacrysts
208107	6331536	403757	Mo-E	1624	AE-P	9/2	Chip	1.00	DAC	w-mCL,w-mCAvns			Occ wk flow banding
208108	6331535	403755	Moly-E	1624	AE-P	9/2	Chip	1.00	DAC				Occ wk flow banding
208109	6331535	403753	Moly-E	1624	AE-P	9/2	Chip	1.00	DAC				Occ wk flow banding
208110	6331534	403752	Moly-E	1625	AE-P	9/2	Chip	1.00	DAC				Occ wk flow banding
208111	6331534	403750	Moly-E	1625	AE-P	9/2	Chip	1.00	DAC				Occ wk flow banding
208112	6331533	403748	Moly-E	1625	AE-P	9/2	Chip	1.00	DAC				Occ wk flow banding
208113	6331533	403746	Moly-E	1625	AE-P	9/2	Chip	1.00	DAC				Occ wk flow banding
208114	6331532	403745	Moly-E	1626	AE-P	9/2	Chip	1.00	DAC				Occ wk flow banding
208115	6331532	403743	Moly-E	1626	AE-P	9/2	Chip	1.00	DAC				Occ wk flow banding
208116	6331531	403741	Moly-E	1626	AE-P	9/2	Chip	1.00	DAC				Occ wk flow banding
208117	6331542	403728	Moly-E	1621	AE	9/2	Grab	1.00	MFP	sCL, sCA veins			Occ wk flow banding
208118	6331594	403680	Moly	1611	AE	9/2	Grab		DAC	sSL	2-3%PY	mGE	It Gy
208119	6331609	403687	Moly-N	1616	AE	9/2	Grab		DAC	w-mSL, w-mCA	3-5%PY	mJA	It Gy - Samples 119,120,121 on a linear structure
208120	6331624	403688	Moly-N	1615	AE	9/2	Grab		DAC	m-sSL, m-sCA	trPY	sHE, sMN	It Gy, PY in tiny veinlets- Samples 119,120,121 on a linear structure
208121	6331571	403690	Moly	1609	AE	9/2	Grab		DAC	sCA stkwrk	5-7%PY		It Gy, foliated(?) flow banded?- Samples 119,120,121 on linear structure
208122	6331562	403698	Moly	1612	AE	9/2	Grab		DAC	sCA (40%), sCL	2-3%PY		It Gy, s foliated - Shear zone?
208123	6331554	403719	Moly	1623	AE	9/2	Grab			sCL, w-mCA			
208124	6331954	403719	Gossan-E	1623	AE	9/2	Boulder		SST		PY		PY strs, Hornfelsed?
208125	6331642	402270	Far West	1342	AE	9/4	Grab		AND	mCL,mCA	nvs	mGE	Purple HE, Propylitic
208126	6331559	402313	Far West	1319	AE	9/4	Boulder		AND	sCB	nvs	sGE	Sampled below sGE stained O/C
208127	6331531	402263	Far West	1347	AE	9/4	Grab		AND	wCL, wCA		mHE	Purple HE, Porphyritic flow
208128	6331071	402828	Gossan	1322	AE	9/4	Grab		AND	sCL, mCA	1-3%PY	trEP	wk Fizz
208129	6331105	402869	Gossan	1349	AE	9/4	Grab			sSL	10-15%PY, trG	sGE	vfgr, w vfgr PY, med Gy, vfgr QZ str - near V94-T17 in creek
208130	6331123	402873	Gossan	1349	AE	9/4	Boulder		LST	mSL	8-10%PY	sMN, sGE	vfgr PY in pockets - Several similar boulders
208131	6331107	402877	Gossan	1353	AE	9/4	Grab			mCY	10-15%PY	sGE	It Gy, s foliated, large CA xtals adjacent - Shear zone 180/85E
208132	6331139	402911	Gossan	1346	AE	9/4	Grab		AND	mSL	15-20%PY	sGE	Blue-Gy w vfgr PY - adjacent to flt gouge and crk.
208133	6331144	402914	Gossan	1351	AE	9/4	Grab		AND		3-5%PY	sGE, sMN, 1%NB	Fractured fgr Tuff, w vfgr PY - adjacent to flt gouge and crk.
208134	6331162	402935	Gossan	1356	AE	9/5	Grab			mSL	5-7%PY		It Gy, f-mgr PY + pink CA veinlets
208135	6331169	402946	Gossan	1351	AE	9/5	Grab			mQZ +CA vn, trCB?	3-5%PY	trMC	Bland O/C forms large talus field - Br dots on fracs
208136	6331190	402987	Gossan	1362	AE	9/5	Grab		AND	wSL	1-3%PY	wHE	Purple HE, Tuff
208137	6331192	402988	Gossan	1368	AE	9/5	Grab	2.00	AND	wSL, mCA	5-7%PY		v It Gy, Dike(?) w tr pink CA
208138	6331199	402995	Gossan	1370	AE	9/5	Grab		AND	wSL, sCA	20-25%PY	sGE	str Fizz, Poss LST host?
208139	6331199	403002	Gossan	1361	AE	9/5	Grab			DIO?		nvs	Tiny white mica (flakes) and small drk Br specks in vfgr mtrx
208140	6331202	403014	Gossan	1367	AE	9/5	Grab		SLT	w-mCA veinlets	3-5%PY		Interbedded SLT-LST
208141	6331232	403063	Gossan	1382	AE	9/5	Grab				15-20%PY	sGE	It Gy O/C in small side crk - near V94-T23
208142	6331248	403081	Gossan	1392	AE	9/5	Chip	0.50	CA vn	trCL	trPY		Minor bx at margins
208143	6331264	403098	Gossan	1390	AE	9/5	Grab		AND		1-3%PY	sGE, trMC	Drk Gy, fgr
208144	6331274	403163	Gossan	1397	AE	9/5	Grab		AND	sCL, mSL, wCA	1-3%PY		Tuff, w/ PY veinlets, and poss. pseudoleucite crystals??
208151	6331636	404344	East	1785	BC	9/1	Grab		AND	wSL	3%PY		Tuff, Py in 0.5mm cubes ('07 sample #200955 in float and not representat
208152	6331435	404518	East		BC	9/1	Grab		RHY?	mSL?	2%PY,3%MR		Felsite w Fuchsite
208153	6331500	403758	Moly-SE		BC	9/2	Grab		DAC		1%PY		Flow bnded? Gr-Gy, w 0.5mm CL ff's

## Appendix A - Voigtberg Project - 2010 - Rock Sample Descriptions - Page 4

Sample	UTM_N	UTM_E	Area/Zone	Elev(m)	By	Date	Type	Wide	Host	Alteration	Metallics	Secondary	Comments
208154	6331493	403752	Moly-SE		BC	9/2	Grab		AND	mCA	5%PY		Tuff, sim to above, but w frags, no CL
208155	6331495	403747	Moly-SE		BC	9/2	Grab		AND	mCA	2%PY		Gy Tuff, 5-15% CA in ff's
208156	6331495	403752	Moly-SE		BC	9/2	Grab		DAC	mCA	1%PY		Flow bnded? Gr-Gy, w QX/CA/MS strss
208157	6331528	403771	Moly-E		BC	9/2	Grab			mSL, mCA	3-5%PY		QX strss, and cgr Pi CA
208158	6331486	403822	Moly-SE		BC	9/2	Talus				3-5%PY	mGE	
208159	6331430	403885	Moly-SE		BC	9/2	Float				trPY	mGE	Rusty boulder in middle of fgr Tuff/SST talus field
208160	6331560	403708	Moly		BC	9/2	Grab		DAC	iCL	trPY		Flow bnded? Very str Gr color perv
208161	6331571	403702	Moly		BC	9/2	Grab		DAC	mCA	6%PY		Flow bnded? Gr-Gy, fgr adj to N-S fault?
208162	6331125	402835	Gossan		BC	9/4	Grab		AND	mSL	3%PY	mMN	Tuff (frags <25cm!)
208163	6331062	402896	Gossan	1345	BC	9/4	Chip	1.20	AND	mSL, sCA	10%PY	sGE, wJA?	Tuff, fgr, and cgr diss PY
208164	6331062	402896	Gossan	1345	BC	9/4	Grab		AND	mSL, sCA	20%PY		Massive botryoidal PY replacing? Some LST clasts
208165	6331058	402900	Gossan		BC	9/4	Grab		AND	mSL, sCA	10%PY		Limey Tuffs
208166	6331058	402900	Gossan		BC	9/4	Chip	0.80			20%PY	sGE, sMN	Just by crk from nr last sample
208167	6331133	402870	Gossan		BC	9/4	Grab		AND	mSL, wCA strss	1%PY, trCP	wMN	Tuff, tr Gr sericite
208168	6331143	402900	Gossan		BC	9/4	Grab		AND	mSL, wCA strss	3%PY, trCP?	wMN, trMC?	Tuff, 5-5% QX/CB strss druzzy vugs
208169	6331178	402892	Gossan		BC	9/5	Grab		AND	mCB, wCY	8%PY		Soft, fgr, Gy, No Fizz, vfgr PY
208170	6331175	402890	Gossan		BC	9/5	Grab		DIO	wCY	nvs		Buff Cretaceous Diorite - 5-10% BI, 5-10% PF
208171	6331196	402878	Gossan		BC	9/5	Grab		AND	sSL, mCB	3%PY	sGE	Fgr, Gy, No Fizz, vfgr PY w occ nodules
208172	6331214	402865	Gossan		BC	9/5	Grab		AND	sSL, mCB	10%PY		Fgr Tuff, Gy-BI, round frags, No Fizz, vfgr PY in occ nodules
208173	6331204	402879	Gossan		BC	9/5	Grab		AND	sSL	10%PY	sGE, wJA	Tuff, rounded frags <10cm, Poss Fault @020deg, No Fizz
208174	6331230	402897	Gossan		BC	9/5	Grab		AND	sSL	10%PY, trGL, SP	wGE, mMN	Tuff, rounded frags <10cm, No Fizz, 3%x2mm QX eyes?
208175	6331256	402915	Gossan		BC	9/5	Grab		AND	sCL	7%PY	wGE, wMN	Fgr Tuff, crumbly, O/C @070deg, PY+ AT part replace QX eyes?
208176	6331257	402903	Gossan		BC	9/5	Grab		AND	sCL, sSL	10%PY	wGE, wMN	Fgr Tuff, crumbly, same PY+AT part replace QX eyes? No Fizz
208177	6331267	402986	Gossan		BC	9/5	Chip	2.00			5%PY	sGE	Rusty gossan w small clasts of Tuff
208178	6331267	402980	Gossan		BC	9/5	Grab		AND	sCL	5%PY	iGE	Shr'd Tuff
208179	6331306	403051	Gossan		BC	9/5	Grab		AND	SSL	3%PY	sGE	Fgr Tuff, dk Gy, PY in 0.5mm cubes
208180	6331308	403108	Gossan		BC	9/5	Chip	2.50	AND	iSL	3%PY	sGE	Fgr Tuff, BI-Gy, PY in 0.5mm cubes
208181	6331292	403141	Gossan		BC	9/5	Chip		AND	SSL	5%PY	sGE	Fgr Tuff, Gy, on ridgetop
208201	6330872	402967	South	1355	PB	9/5	Soil						
208202	6330829	402984	South	1361	PB	9/5	Soil						Small Creek at 25m toward 203
208203	6330794	402984	South	1352	PB	9/5	Soil						
208204	6330751	402990	South	1346	PB	9/5	Soil						Small Creek at 20m toward 205
208205	6330707	403021	South	1352	PB	9/5	Soil						Larger Creek at 45m toward 206
208206	6330657	403049	South	1349	PB	9/5	Soil						Larger Creek at 10m toward 207
208207	6330627	403059	South	1351	PB	9/5	Soil						Larger Creek at 20m toward 208
208208	6330600	403071	South	1348	PB	9/5	Soil						
208209	6330569	403089	South	1346	PB	9/5	Soil						
208210	6330536	403110	South	1350	PB	9/5	Soil						
208211	6330515	403121	South	1350	PB	9/5	Soil						
208212	6330482	403144	South	1350	PB	9/5	Soil						
208213	6331267	402986	Gossan		PB	9/5	Soil						Talus Fines
208214	6331274	403022	Gossan		PB	9/5	Soil						Talus Fines - Shr'd CL alt'd AND Tuff

## Appendix B - Voigtberg Project - 2010 - Rock and Soil Sample Results - Page #1

Sample_ID	UTM_N	UTM_E	Area/Zone	Type	LabJob	Au	Ag	Al(%)	As	B	Ba	Be	Bi	Ca(%)	Cd	Co	Cr	Cu	Fe(%)
208051	6331776	403541	Au	Rock	TR10120299	1.635	1.3	0.47	512	<10	50	0.8	<2	8.1	<0.5	28	<1	318	6.35
208052	6331774	403565	Au	Rock	TR10120299	0.101	1.6	0.16	93	<10	20	<0.5	<2	19.5	<0.5	9	<1	73	3.84
208124	6331954	403719	Au-E	Rock	TR10120299	<0.005	<0.2	2.57	2	<10	40	<0.5	<2	3.54	<0.5	15	26	47	5.47
208019	6331670	403608	Au-S	Rock	TR10120299	0.034	0.2	0.4	29	<10	50	0.5	<2	2.18	<0.5	4	2	143	2.38
208020	6331665	403606	Au-S	Rock	TR10120299	0.192	1.1	0.71	150	<10	20	1.5	<2	1.02	<0.5	37	<1	195	9.24
208021	6331683	403597	Au-S	Rock	TR10120299	0.091	0.5	0.3	48	<10	30	<0.5	<2	2.24	<0.5	6	1	22	2.07
208022	6331718	403576	Au-S	Rock	TR10120299	0.501	3.4	0.24	162	<10	10	<0.5	<2	1.83	<0.5	19	10	168	6.06
208056	6331644	403601	Au-S	Rock	TR10120299	0.031	0.3	0.64	86	<10	10	0.6	2	0.91	<0.5	24	2	141	5.62
208057	6331680	403623	Au-S	Rock	TR10120299	0.062	<0.2	0.75	59	<10	<10	1.2	4	1.25	<0.5	30	<1	68	8.07
208058	6331680	403623	Au-S	Rock	TR10120299	0.044	0.2	0.65	111	<10	10	0.8	2	1.36	<0.5	28	1	159	6.45
208059	6331750	403565	Au-S	Rock	TR10120299	0.025	<0.2	0.25	8	<10	60	<0.5	<2	3.21	<0.5	5	2	60	2.2
208060	6331714	403558	Au-S	Rock	TR10120299	0.068	2.3	0.22	106	<10	<10	<0.5	3	3.09	1.9	29	6	88	6.3
208061	6331714	403548	Au-S	Rock	TR10120299	0.162	3	0.42	110	<10	10	<0.5	2	1.99	<0.5	29	4	129	6.69
208062	6331630	403538	Au-S	Rock	TR10120299	0.14	2	0.45	350	<10	<10	0.5	<2	0.45	<0.5	38	4	439	12.15
208016	6331681	403261	Au-W	Rock	TR10120299	0.014	0.8	0.24	64	<10	60	<0.5	<2	19.8	<0.5	13	2	59	2.29
208017	6331267	402986	Au-W	Rock	TR10120299	<0.005	0.3	0.64	27	<10	310	1.6	<2	7.5	<0.5	23	1	135	6.39
208039	6330916	404221	East	Rock	TR10120299	<0.005	<0.2	0.67	6	<10	450	1.1	<2	6.04	<0.5	18	3	107	4.59
208040	6330909	404222	East	Rock	TR10120299	<0.005	0.2	0.32	11	<10	60	0.9	<2	5.49	<0.5	12	2	65	3.55
208041	6330874	404154	East	Rock	TR10120299	<0.005	<0.2	0.62	5	<10	520	1.1	2	10.3	<0.5	28	12	106	6.04
208042	6330880	404126	East	Rock	TR10120299	<0.005	<0.2	0.49	8	<10	80	1.2	<2	6.78	<0.5	18	9	139	5.26
208043	6330862	404115	East	Rock	TR10120299	<0.005	0.4	0.19	4	<10	870	0.5	<2	20.4	2.1	3	<1	39	3.28
208044	6330838	404136	East	Rock	TR10120299	<0.005	<0.2	2.06	4	<10	180	0.9	2	5.66	<0.5	15	14	83	5.07
208045	6330754	404125	East	Rock	TR10120299	<0.005	<0.2	2.11	5	<10	240	1.2	<2	9.1	<0.5	19	7	100	6.1
208046	6330781	404163	East	Rock	TR10120299	<0.005	<0.2	0.88	8	<10	270	<0.5	2	5.75	<0.5	12	5	21	2.95
208047	6330779	404167	East	Rock	TR10120299	<0.005	<0.2	4.11	12	<10	70	0.9	<2	7.2	<0.5	39	1	53	6.52
208048	6330802	404211	East	Rock	TR10120299	<0.005	<0.2	0.23	27	<10	120	0.6	2	22.4	0.6	14	4	24	4.2
208049	6330812	404214	East	Rock	TR10120299	<0.005	<0.2	0.76	17	<10	20	0.7	<2	19	<0.5	13	34	28	5.09
208050	6330769	404185	East	Rock	TR10120299	<0.005	<0.2	2.07	33	<10	950	1.4	2	7.7	<0.5	19	3	101	8.18
208085	6330978	404250	East	Rock	TR10120299	0.005	<0.2	0.84	20	<10	320	1.2	<2	4.68	<0.5	24	4	171	5.74
208086	6330990	404262	East	Rock	TR10120299	<0.005	<0.2	0.59	10	<10	510	1.1	<2	9.1	<0.5	25	15	103	6.41
208087	6330993	404176	East	Rock	TR10120299	<0.005	<0.2	1	4	<10	140	1.5	<2	4.38	<0.5	6	2	31	2.28
208088	6331112	404256	East	Rock	TR10120299	<0.005	<0.2	1.77	4	<10	180	0.6	<2	3.51	<0.5	17	14	42	5.76
208089	6331150	404335	East	Rock	TR10120299	<0.005	<0.2	0.61	3	<10	80	0.6	<2	21.9	<0.5	11	2	3	3.08
208090	6331178	404332	East	Rock	TR10120299	<0.005	<0.2	0.26	3	<10	70	<0.5	<2	23.2	<0.5	4	<1	8	2.4
208091	6331283	404351	East	Rock	TR10120299	<0.005	<0.2	0.42	7	<10	140	0.6	<2	0.46	<0.5	5	2	52	3.83
208092	6331378	404458	East	Rock	TR10120299	0.005	<0.2	1.01	6	<10	800	1.2	<2	3.7	<0.5	18	2	146	4.69
208093	6331435	404518	East	Rock	TR10120299	0.008	<0.2	0.78	38	<10	190	0.8	<2	6.47	<0.5	13	2	180	3.43
208094	6331070	404286	East	Rock	TR10120299	<0.005	<0.2	0.36	12	<10	250	0.7	<2	0.2	<0.5	3	2	28	3.28
208095	6331105	404325	East	Rock	TR10120299	<0.005	<0.2	0.28	7	<10	170	<0.5	<2	0.04	<0.5	3	2	30	2.79
208096	6331154	404347	East	Rock	TR10120299	<0.005	<0.2	0.25	5	<10	50	<0.5	<2	>25.0	<0.5	3	3	3	1.45
208097	6331287	404270	East	Rock	TR10120299	<0.005	<0.2	0.3	5	<10	110	0.6	<2	6.56	<0.5	12	39	45	2.52
208098	6331287	404278	East	Rock	TR10120299	<0.005	<0.2	0.21	2	<10	1190	0.7	<2	11.1	3.5	4	3	23	2.13
208099	6331163	404063	East	Rock	TR10120299	<0.005	<0.2	0.18	<2	<10	380	<0.5	<2	24.8	<0.5	7	2	9	2.94
208100	6331163	404063	East	Rock	TR10120299	<0.005	<0.2	0.64	<2	<10	1050	0.8	<2	10.2	<0.5	16	3	79	4.92
208101	6330734	404195	East	Rock	TR10120299	<0.005	<0.2	2.13	6	<10	130	1.1	<2	5.38	<0.5	13	3	144	4.66
208102	6330666	404198	East	Rock	TR10120299	<0.005	<0.2	0.26	22	<10	70	0.8	<2	10.5	<0.5	21	2	117	3.49

## Appendix B - Voigtberg Project - 2010 - Rock and Soil Sample Results - Page #2

Sample_ID	UTM_N	UTM_E	Area/Zone	Type	LabJob	Au	Ag	Al(%)	As	B	Ba	Be	Bi	Ca(%)	Cd	Co	Cr	Cu	Fe(%)
208103	6330649	404221	East	Rock	TR10120299	<0.005	<0.2	0.65	26 <10	80	1.7 <2	9.3	3.2	23	1	146	7.2		
208104	6330667	404411	East	Rock	TR10120299	<0.005	0.3	0.28	6 <10	130	0.7 <2	7	<0.5	13	1	39	2.08		
208105	6330669	404524	East	Rock	TR10120299	<0.005	<0.2	0.89	2 <10	400	1.2 <2	3.97	<0.5	11	13	71	3.97		
208106	6330787	404178	East	Rock	TR10120299	0.005	<0.2	3.94	28 <10	40	1.3 <2	10.4	<0.5	99	1	96	10.55		
208151	6331636	404344	East	Rock	TR10120299	0.005	0.2	0.38	14 <10	150	0.9 <2	4.72	<0.5	11	5	32	3.65		
208152	6331435	404518	East	Rock	TR10120299	0.007	<0.2	0.72	19 <10	340	1	2	7.6 <0.5	32	60	93	5.85		
208125	6331642	402270	Far West	Rock	TR10128297	<0.005	<0.2	2.25	2 <10	110	1.1 <2	8.3	<0.5	31	114	99	6.16		
208126	6331559	402313	Far West	Rock	TR10128297	<0.005	<0.2	0.42	5 <10	120	1.4 <2	8.3	<0.5	4	6	27	2.53		
208127	6331531	402263	Far West	Rock	TR10128297	<0.005	<0.2	2.12	<2 <10	1570	2	2	6.77 <0.5	31	133	101	6.94		
208128	6331071	402828	Gossan	Rock	TR10128297	0.007	<0.2	2.33	9 <10	50	1.3	2	4.89 <0.5	23	9	287	6.31		
208129	6331105	402869	Gossan	Rock	TR10128297	0.027	1.8	0.64	50 <10	20	0.7 <2	1.63	0.6	26	6	103	7.61		
208130	6331123	402873	Gossan	Rock	TR10128297	0.231	1.8	0.06	40 <10	20	<0.5 <2	0.04	<0.5	12	9	135	3.54		
208131	6331107	402877	Gossan	Rock	TR10128297	<0.005	0.4	0.46	10 <10	20	<0.5 <2	0.85	<0.5	22	3	33	5.52		
208132	6331139	402911	Gossan	Rock	TR10128297	0.07	0.7	0.97	14 <10	20	1.4	2	3.37	4.8	28	4	334	8.31	
208133	6331144	402914	Gossan	Rock	TR10128297	0.047	0.7	0.78	8 <10	60	1.5 <2	6.07	<0.5	26	3	519	4.5		
208134	6331162	402935	Gossan	Rock	TR10128297	<0.005	0.3	0.11	463 <10	20	1.1 <2	13.3	6.1	2	5	30	4.54		
208135	6331169	402946	Gossan	Rock	TR10128297	0.012	0.5	0.62	26 <10	40	1.4 <2	4.95	<0.5	18	3	168	4.44		
208136	6331190	402987	Gossan	Rock	TR10128297	0.011	<0.2	0.57	8 <10	330	0.8 <2	2.52	2	3	4	79	0.89		
208137	6331192	402988	Gossan	Rock	TR10128297	0.093	0.5	0.38	38 <10	30	<0.5 <2	6.49	1.4	29	4	107	3.64		
208138	6331199	402995	Gossan	Rock	TR10128297	0.315	6.3	0.2	398 <10	10	<0.5 <2	13.7	19.2	3	3	127	8.25		
208139	6331199	403002	Gossan	Rock	TR10128297	0.007	0.2	1.13	18 <10	40	2 <2	11.3	<0.5	25	5	128	3.53		
208140	6331202	403014	Gossan	Rock	TR10128297	0.023	0.4	0.75	44 <10	20	1.2 <2	12	<0.5	18	4	92	4.66		
208141	6331232	403063	Gossan	Rock	TR10128297	0.024	0.5	0.81	12 <10	60	1.4 <2	4.61	<0.5	25	4	228	6.09		
208142	6331248	403081	Gossan	Rock	TR10128297	<0.005	<0.2	0.07	6 <10	160	<0.5 <2	>25.0	<0.5	<1	1	6	0.93		
208143	6331264	403098	Gossan	Rock	TR10128297	0.231	0.6	0.34	23 <10	110	0.6 <2	1.22	<0.5	8	4	1575	2.39		
208144	6331274	403163	Gossan	Rock	TR10128297	<0.005	0.3	1.45	9 <10	190	1.1 <2	4.38	<0.5	13	14	223	4.96		
208162	6331125	402835	Gossan	Rock	TR10128297	0.008	0.5	2.22	17 <10	130	0.8 <2	3.4	<0.5	17	8	224	5.15		
208163	6331062	402896	Gossan	Rock	TR10128297	0.019	0.3	0.49	321 <10	40	1 <2	5.6	0.5	15	8	56	6.33		
208164	6331062	402896	Gossan	Rock	TR10128297	0.226	6.2	0.24	731 <10	10	<0.5 <2	4.04	1.5	<1	2	137	21.9		
208165	6331058	402900	Gossan	Rock	TR10128297	0.017	0.4	0.47	38 <10	50	0.9 <2	6.73	<0.5	25	10	189	5.11		
208166	6331058	402900	Gossan	Rock	TR10128297	0.01	0.5	0.26	1580 <10	30	0.7 <2	11.9	0.7	4	5	45	13.25		
208167	6331133	402870	Gossan	Rock	TR10128297	0.005	0.6	0.72	10 <10	100	1.4 <2	5.22	<0.5	17	2	289	4.95		
208168	6331143	402900	Gossan	Rock	TR10128297	0.016	0.3	0.37	15 <10	40	0.6 <2	3.89	<0.5	13	6	53	3.62		
208169	6331178	402892	Gossan	Rock	TR10128297	0.01	0.7	0.49	17 <10	10	0.7 <2	3.16	<0.5	17	8	122	5.2		
208170	6331175	402890	Gossan	Rock	TR10128297	0.024	0.8	0.69	28 <10	10	0.8 <2	1.11	<0.5	27	3	202	5.74		
208171	6331196	402878	Gossan	Rock	TR10128297	<0.005	<0.2	0.59	<2 <10	1010	1.5 <2	4.44	<0.5	6	1	131	4.14		
208172	6331214	402865	Gossan	Rock	TR10128297	0.012	<0.2	0.71	12 <10	20	1.2 <2	3.14	<0.5	28	2	34	6.5		
208173	6331204	402879	Gossan	Rock	TR10128297	0.837	2.2	0.46	232 <10	20	<0.5 <2	0.25	4.4	21	3	125	5.02		
208174	6331230	402897	Gossan	Rock	TR10128297	0.037	1.5	0.44	104 <10	10	0.5 <2	6.42	8.2	19	7	345	6.43		
208175	6331256	402915	Gossan	Rock	TR10128297	0.005	0.2	0.55	33 <10	20	0.8 <2	5.82	<0.5	22	6	141	4.98		
208176	6331257	402903	Gossan	Rock	TR10128297	<0.005	<0.2	0.54	18 <10	20	0.6 <2	4.25	2.7	27	6	233	6.05		
208177	6331267	402986	Gossan	Rock	TR10128297	0.049	0.9	0.59	43 <10	30	0.7 <2	2.5	1.1	23	4	118	5.58		
208178	6331267	402980	Gossan	Rock	TR10128297	0.025	0.9	0.71	30 <10	20	1.1 <2	3.47	<0.5	24	2	244	5.71		
208179	6331306	403051	Gossan	Rock	TR10128297	0.005	<0.2	0.23	12 <10	100	<0.5 <2	3.77	<0.5	4	5	62	1.93		
208180	6331308	403108	Gossan	Rock	TR10128297	0.025	1.2	0.3	5 <10	120	<0.5 <2	0.09	<0.5	2	4	48	1.83		
208181	6331292	403141	Gossan	Rock	TR10128297	0.02	1.7	0.2	17 <10	80	<0.5 <2	0.43	<0.5	3	3	36	2.84		

## Appendix B - Voigtberg Project - 2010 - Rock and Soil Sample Results - Page #3

Sample_ID	UTM_N	UTM_E	Area/Zone	Type	LabJob	Au	Ag	Al(%)	As	B	Ba	Be	Bi	Ca(%)	Cd	Co	Cr	Cu	Fe(%)
208213	6331267	402986	Gossan	Soil	TR10120299	0.1	1.5	0.57	99 <10	300	<0.5	<2	0.28	<0.5	8	10	126	7.48	
208214	6331274	403022	Gossan	Soil	TR10120299	0.116	1.6	0.53	89 <10	410	<0.5	<2	0.05	<0.5	6	12	166	9.8	
208063	6331605	403500	Gossan-E	Rock	TR10120299	0.012	2.8	0.41	69 <10	20	<0.5	<2	0.39	0.7	17	1	273	4.56	
208023	6331377	403538	Gossan-SE	Rock	TR10120299	0.007	1.6	0.17	205 <10	10	0.6	<2	18	4.3	2 <1		182	10.6	
208024	6331366	403538	Gossan-SE	Rock	TR10120299	0.038	8.2	0.14	86 <10	10	0.7	<2	10.9	1.2	15 <1		3260	23.7	
208064	6331285	403561	Gossan-SE	Rock	TR10120299	<0.005	<0.2		1.9	5 <10	290	1.4	<2	10.6	<0.5	36	48	126	4.04
208065	6331243	403556	Gossan-SE	Rock	TR10120299	<0.005	<0.2		0.43	4 <10	140	1	<2	5.94	<0.5	8	2	15	2.1
208053	6331572	403702	Moly	Rock	TR10120299	<0.005	<0.2		2.09	7 <10	430	3.3	<2	5.61	<0.5	12 <1		143	4.57
208054	6331571	403700	Moly	Rock	TR10120299	<0.005	<0.2		0.78	6 <10	230	1.1	<2	6.87	<0.5	10	4	25	2.27
208055	6331569	403704	Moly	Rock	TR10120299	<0.005	0.2		0.49	4 <10	970	0.6	2	16.9	<0.5	3	4	50	3.58
208121	6331571	403690	Moly	Rock	TR10120299	<0.005	<0.2		0.28	4 <10	20	0.6	<2	5.33	<0.5	10	4	36	4.46
208122	6331562	403698	Moly	Rock	TR10120299	0.005	<0.2		0.35	8 <10	50	1.4	<2	9.6	<0.5	8	1	69	3.19
208160	6331560	403708	Moly	Rock	TR10120299	<0.005	<0.2		2.8	2 <10	220	2.8	<2	6.65	<0.5	14	1	214	5.67
208161	6331571	403702	Moly	Rock	TR10120299	<0.005	<0.2		0.35	10 <10	60	0.9	<2	5.54	<0.5	11	3	32	4.02
208018	6331574	403727	Moly-E	Rock	TR10120299	<0.005	0.3	1.02	32 <10	20	0.9	<2	5.79	<0.5	10	7	37	4.47	
208107	6331536	403757	Moly-E	Rock	TR10120299	<0.005	<0.2		1.48	6 <10	90	0.7	<2	10.2	<0.5	16	37	172	3.78
208108	6331535	403755	Moly-E	Rock	TR10120299	<0.005	<0.2		1.62	11 <10	90	0.8	<2	9.6	<0.5	19	37	78	4.11
208109	6331535	403753	Moly-E	Rock	TR10120299	<0.005	<0.2		1.6	14 <10	270	1	<2	11	<0.5	13	20	58	3.48
208110	6331534	403752	Moly-E	Rock	TR10120299	<0.005	<0.2		1.38	10 <10	140	0.7	<2	11.9	<0.5	11	19	46	3.4
208111	6331534	403750	Moly-E	Rock	TR10120299	<0.005	<0.2		2.49	9 <10	160	1	<2	6.19	<0.5	19	34	115	5.44
208112	6331533	403748	Moly-E	Rock	TR10120299	<0.005	<0.2		2.38	7 <10	160	1	<2	8.4	<0.5	21	38	125	5.42
208113	6331533	403746	Moly-E	Rock	TR10120299	<0.005	<0.2		1.57	6 <10	160	1	<2	10.2	<0.5	16	19	92	3.76
208114	6331532	403745	Moly-E	Rock	TR10120299	<0.005	<0.2		1.32	6 <10	60	1.2	<2	7.9	<0.5	16	14	98	3.97
208115	6331532	403743	Moly-E	Rock	TR10120299	<0.005	<0.2		0.93	4 <10	310	1	<2	6.45	<0.5	9	4	48	2.58
208116	6331531	403741	Moly-E	Rock	TR10120299	<0.005	<0.2		0.58	3 <10	170	0.9	<2	6.09	<0.5	6	3	62	2.22
208117	6331542	403728	Moly-E	Rock	TR10120299	<0.005	<0.2		0.87	4 <10	120	1.2	<2	6.49	<0.5	7	2	27	2.64
208123	6331554	403719	Moly-E	Rock	TR10120299	0.007	<0.2		2.6	3 <10	80	1.4	<2	4.29	<0.5	22	36	160	5.33
208157	6331528	403771	Moly-E	Rock	TR10120299	<0.005	<0.2		0.53	5 <10	40	0.8	<2	10.7	<0.5	9	2	23	2.91
208118	6331594	403680	Moly-N	Rock	TR10120299	0.006	0.2	0.19	9 <10	40	0.5	<2	2.82	<0.5	8	7	105	2.13	
208119	6331609	403687	Moly-N	Rock	TR10120299	0.009	<0.2		0.37	8 <10	30	1.4	<2	9.3	<0.5	9	1	74	3.48
208120	6331624	403688	Moly-N	Rock	TR10120299	0.009	<0.2		1.38	2 <10	570	1.2	<2	14.4	3	7	27	57	3.2
208153	6331500	403758	Moly-SE	Rock	TR10120299	<0.005	0.2	1.6	3 <10	110	1.9	<2	5.75	<0.5	22	3	272	4.7	
208154	6331493	403752	Moly-SE	Rock	TR10120299	0.012	<0.2		0.7	10 <10	100	1.2	<2	7.5	0.8	13	3	67	4.09
208155	6331495	403747	Moly-SE	Rock	TR10120299	<0.005	<0.2		1.26	5 <10	60	1.6	<2	6.4	<0.5	17	5	98	4.08
208156	6331495	403752	Moly-SE	Rock	TR10120299	<0.005	<0.2		1.63	5 <10	60	1.3	<2	7.6	<0.5	18	27	79	3.77
208158	6331486	403822	Moly-SE	Rock	TR10120299	0.008	<0.2		0.47	9 <10	50	1.1	<2	3.36	<0.5	14	3	91	3.92
208159	6331430	403885	Moly-SE	Rock	TR10120299	<0.005	<0.2		0.78	<2	280	0.5	<2	1.73	<0.5	4	3	36	2.15
208080	6332030	403144	North	Rock	TR10120299	0.007	0.5	1.4	18	10	700	1.8	<2	4.05	0.7	18	6	114	5.42
208081	6332125	403090	North	Rock	TR10120299	0.05	2.6	1.17	459 <10	40	2.2	<2	0.61	0.6	26	4	120	8.36	
208082	6332193	403190	North	Rock	TR10120299	0.032	<0.2		1.28	23 <10	530	1.9	<2	4.57	<0.5	28	2	103	4.74
208083	6332243	403211	North	Rock	TR10120299	0.075	0.6	0.32	28 <10	400	<0.5	<2	0.03	<0.5	1	<1		14	1.5
208084	6332334	403254	North	Rock	TR10120299	0.015	<0.2		0.42	35 <10	80	0.5	<2	2.66	<0.5	12	1	190	3.07
208033	6331858	402939	West	Rock	TR10120299	0.905	3	0.56	305 <10	20	0.8	<2	0.71	<0.5	33	3	115	7.03	
208034	6331855	402947	West	Rock	TR10120299	0.192	2.5	0.4	192 <10	40	1	<2	17	2.3	11	26	55	4.12	
208035	6331854	402953	West	Rock	TR10120299	0.122	1.9	0.38	507 <10	10	0.9	<2	2.12	0.6	22	12	107	19.4	
208036	6331843	402975	West	Rock	TR10120299	0.055	1	0.45	133 <10	30	0.8	<2	4.88	<0.5	21	<1	139	3.62	

## Appendix B - Voigtberg Project - 2010 - Rock and Soil Sample Results - Page #4

Sample_ID	UTM_N	UTM_E	Area/Zone	Type	LabJob	Au	Ag	Al(%)	As	B	Ba	Be	Bi	Ca(%)	Cd	Co	Cr	Cu	Fe(%)
208037	6331843	402976	West	Rock	TR10120299	0.129	5.5	0.55	283	<10	20	1.4	<2	7.6	6.1	45	1	2860	6.94
208038	6331843	402976	West	Rock	TR10120299	0.120	9.1	0.23	480	<10	10	0.8	<2	12	5.1	53	<1	2690	10.35
208075	6331860	402890	West	Rock	TR10120299	0.056	13.6	0.28	329	<10	10	<0.5	<2	0.14	<0.5	40	2	201	7.46
208076	6331798	402905	West	Rock	TR10120299	0.429	15.4	0.6	39	<10	160	0.7	<2	0.27	<0.5	4	1	38	2.42
208077	6331769	402928	West	Rock	TR10120299	0.683	2.2	0.38	287	<10	40	0.5	<2	0.55	0.7	31	6	116	6.48
208078	6331735	402942	West	Rock	TR10120299	0.562	1.2	0.37	276	<10	40	<0.5	<2	0.38	0.5	16	2	65	4.58
208079	6331683	402951	West	Rock	TR10120299	0.071	1.8	0.28	61	<10	20	<0.5	<2	0.94	<0.5	27	2	81	5.38
208025	6330728	403687	South	Rock	TR10120299	<0.005	0.3	0.51	14	<10	260	0.6	<2	16.2	<0.5	13	1	71	3.28
208026	6330692	403631	South	Rock	TR10120299	<0.005	0.3	0.39	8	<10	110	1.1	<2	5.8	<0.5	14	1	49	3.09
208027	6330635	403464	South	Rock	TR10120299	<0.005	0.3	0.49	37	<10	40	0.8	<2	4.23	<0.5	9	6	50	3.37
208028	6330599	403463	South	Rock	TR10120299	<0.005	0.5	1.45	29	<10	80	0.8	<2	3.98	<0.5	11	8	55	3.38
208029	6330562	403464	South	Rock	TR10120299	<0.005	0.4	0.39	51	<10	60	0.7	<2	5.79	<0.5	10	3	42	2.89
208030	6330517	403447	South	Rock	TR10120299	<0.005	0.4	0.46	14	<10	70	1.7	<2	3.39	<0.5	8	1	20	2.88
208031	6330520	403450	South	Rock	TR10120299	<0.005	2.9	0.42	16	<10	80	1	<2	1.21	<0.5	7	2	53	2.55
208032	6330425	403393	South	Rock	TR10120299	0.057	1	0.47	9	<10	20	1.2	<2	3.57	<0.5	14	3	30	5.6
208066	6330797	403591	South	Rock	TR10120299	<0.005	<0.2	0.07	8	<10	100	<0.5	<2	>25.0	<0.5	<1	2	3	0.6
208067	6330782	403577	South	Rock	TR10120299	<0.005	<0.2	0.55	6	<10	760	1	<2	7.4	<0.5	11	5	70	2.99
208068	6330691	403639	South	Rock	TR10120299	<0.005	<0.2	0.44	<2	<10	450	1.1	<2	4.4	<0.5	3	1	20	2.76
208069	6330745	403514	South	Rock	TR10120299	<0.005	0.4	0.46	14	<10	160	1.1	<2	7.7	<0.5	10	2	77	2.44
208070	6330722	403506	South	Rock	TR10120299	<0.005	<0.2	1.78	3	<10	1770	0.9	2	6.68	<0.5	24	217	66	6.19
208071	6330600	403531	South	Rock	TR10120299	<0.005	0.2	1.47	20	<10	210	1.3	<2	10.1	<0.5	30	112	138	4.68
208072	6330590	403518	South	Rock	TR10120299	<0.005	<0.2	0.42	25	<10	150	0.7	<2	3.9	<0.5	9	4	34	3.09
208073	6330513	403460	South	Rock	TR10120299	<0.005	0.3	0.36	9	<10	80	0.9	2	4.74	<0.5	8	2	23	2.87
208074	6330482	403429	South	Rock	TR10120299	0.157	53.9	0.34	80	<10	60	0.9	2	9.2	105	8	1	172	3.39
208201	6330872	402967	South	Soil	TR10128298	0.005	0.2	1.02	18	<10	330	2.1	<2	0.86	<0.5	21	8	118	5.2
208202	6330829	402984	South	Soil	TR10128298	0.023	<0.2	0.46	15	<10	430	0.7	<2	0.6	<0.5	11	17	72	4.85
208203	6330794	402984	South	Soil	TR10128298	0.018	0.2	0.58	16	<10	600	0.9	<2	0.37	<0.5	15	19	106	5.79
208204	6330751	402990	South	Soil	TR10128298	0.011	0.3	1.09	16	<10	350	2	<2	0.7	<0.5	19	10	108	4.94
208205	6330707	403021	South	Soil	TR10128298	<0.005	0.2	0.69	10	<10	110	1	<2	1.5	<0.5	6	39	54	2.21
208206	6330657	403049	South	Soil	TR10128298	0.01	0.2	1.93	39	<10	470	1.8	<2	0.66	1.1	32	33	192	7
208207	6330627	403059	South	Soil	TR10128298	0.007	0.4	2.01	27	<10	520	1.7	<2	0.53	0.5	28	22	153	5.01
208208	6330600	403071	South	Soil	TR10128298	0.017	0.6	1.45	29	<10	580	1.5	<2	0.7	<0.5	29	11	173	5.01
208209	6330569	403089	South	Soil	TR10128298	0.008	0.5	1.3	24	<10	740	1.5	<2	0.43	0.8	14	11	81	4.84
208210	6330536	403110	South	Soil	TR10128298	0.013	0.2	1	21	<10	530	1.5	<2	0.35	0.5	29	7	195	5.29
208211	6330515	403121	South	Soil	TR10128298	0.005	0.5	0.93	22	<10	290	0.8	<2	0.11	<0.5	15	12	92	5.05
208212	6330482	403144	South	Soil	TR10128298	0.005	0.3	0.76	20	<10	1280	1.4	<2	0.23	2.3	33	22	86	5.15
Statistics:					95th%ile Value	0.231	3.1	2.23	336		825	1.8		19.6	3.8	33	37	299	9.44
					90th%ile Value	0.121	2.1	1.92	183		527	1.5		12.9	1.8	29	26	220	7.38
					SD	0.176	4.5	0.70	163		295	0.5		6.02	8.1	12	24	393	3.04
					Avg Value	0.057	1.2	0.82	67		205	0.9		6.42	1.4	17	11	162	4.95

All Values ppm unless otherwise indicated

**Appendix B - Voigtberg Project - 2010 - Rock and Soil Sample Results - Page #5**

Sample_ID	UTM_N	UTM_E	Area/Zone	Type	LabJob	Ga	Hg	K(%)	La	Mg(%)	Mn	Mo	Na(%)	Ni	P	Pb	S(%)	Sb	Sc
208051	6331776	403541	Au	Rock	TR10120299	<10	1	0.37	10	1.78	2490	17	0.02	10	2470	22	5.5	13	9
208052	6331774	403565	Au	Rock	TR10120299	<10	<1	0.12	30	0.1	2350	37	0.03	1	1350	20	3.7	3	5
208124	6331954	403719	Au-E	Rock	TR10120299	20	<1	0.05	10	2.12	1235	<1	0.09	14	1750	<2	0.43	<2	12
208019	6331670	403608	Au-S	Rock	TR10120299	<10	3	0.2	20	0.38	493	2	0.04	4	510	13	2.07	2	2
208020	6331665	403606	Au-S	Rock	TR10120299	<10	5	0.38	<10	0.04	446	1	0.01	20	4740	80	>10.0	8	3
208021	6331683	403597	Au-S	Rock	TR10120299	<10	3	0.23	10	0.35	710	2	0.03	4	550	10	1.88	<2	2
208022	6331718	403576	Au-S	Rock	TR10120299	<10	3	0.15	10	0.03	395	75	0.01	7	660	40	6.2	3	1
208056	6331644	403601	Au-S	Rock	TR10120299	<10	1	0.39	<10	0.14	384	4	0.03	10	2160	27	6	3	8
208057	6331680	403623	Au-S	Rock	TR10120299	<10	1	0.41	<10	0.12	197	3	0.03	13	4120	11	9.2	3	7
208058	6331680	403623	Au-S	Rock	TR10120299	<10	3	0.38	<10	0.09	296	3	0.02	12	3310	12	7.5	4	5
208059	6331750	403565	Au-S	Rock	TR10120299	<10	<1	0.26	10	0.28	684	7	0.02	4	440	10	2.21	<2	3
208060	6331714	403558	Au-S	Rock	TR10120299	<10	3	0.24	10	0.47	1090	2	0.02	19	2450	178	7.2	4	8
208061	6331714	403548	Au-S	Rock	TR10120299	<10	2	0.35	10	0.2	795	5	0.02	19	4120	108	7	7	8
208062	6331630	403538	Au-S	Rock	TR10120299	<10	6	0.28	<10	0.04	238	16	0.03	17	990	63	>10.0	8	4
208016	6331681	403261	Au-W	Rock	TR10120299	<10	1	0.17	10	0.07	1495	6	0.01	15	1760	16	2.4	<2	10
208017	6331267	402986	Au-W	Rock	TR10120299	<10	1	0.35	20	1.5	1835	<1	0.04	13	4760	10	0.12	<2	19
208039	6330916	404221	East	Rock	TR10120299	<10	1	0.22	10	0.76	1260	2	0.04	10	2030	17	0.52	<2	9
208040	6330909	404222	East	Rock	TR10120299	<10	1	0.22	20	0.43	1260	<1	0.06	6	1500	36	1.12	2	8
208041	6330874	404154	East	Rock	TR10120299	<10	1	0.39	10	0.65	1580	<1	0.03	15	1960	4	0.15	<2	25
208042	6330880	404126	East	Rock	TR10120299	<10	<1	0.23	10	1.77	1560	<1	0.05	7	2380	11	0.54	<2	15
208043	6330862	404115	East	Rock	TR10120299	<10	<1	0.11	<10	1.41	1930	<1	0.03	<1	570	5	<0.01	<2	2
208044	6330838	404136	East	Rock	TR10120299	10	1	0.22	20	1.04	1025	<1	0.06	4	1990	4	0.19	<2	11
208045	6330754	404125	East	Rock	TR10120299	10	<1	0.16	10	0.69	1460	1	0.04	9	2280	6	0.13	<2	14
208046	6330781	404163	East	Rock	TR10120299	10	1	0.04	10	0.39	836	7	0.09	4	800	11	0.95	<2	3
208047	6330779	404167	East	Rock	TR10120299	10	1	0.1	10	0.91	895	4	1.67	17	2520	39	2.3	<2	17
208048	6330802	404211	East	Rock	TR10120299	<10	1	0.04	<10	1.15	2240	1	0.03	13	340	23	2.7	4	6
208049	6330812	404214	East	Rock	TR10120299	<10	1	0.03	<10	0.49	1800	2	0.04	12	620	3	4.1	<2	8
208050	6330769	404185	East	Rock	TR10120299	10	1	0.15	10	0.76	1410	9	0.04	10	2660	10	0.24	<2	12
208085	6330978	404250	East	Rock	TR10120299	<10	<1	0.29	10	0.27	1500	1	0.05	9	2730	16	0.73	<2	14
208086	6330990	404262	East	Rock	TR10120299	<10	<1	0.24	10	1.36	1600	<1	0.03	16	1910	6	0.52	<2	22
208087	6330993	404176	East	Rock	TR10120299	<10	<1	0.27	30	0.16	738	1	0.03	3	1170	10	0.18	<2	3
208088	6331112	404256	East	Rock	TR10120299	10	<1	0.12	<10	1.88	1120	<1	0.05	8	1040	<2	0.34	<2	12
208089	6331150	404335	East	Rock	TR10120299	<10	<1	0.28	<10	0.9	1765	<1	0.02	3	670	2	<0.01	<2	7
208090	6331178	404332	East	Rock	TR10120299	<10	<1	0.11	<10	1	1005	<1	0.02	2	350	6	<0.01	<2	3
208091	6331283	404351	East	Rock	TR10120299	<10	<1	0.21	20	0.04	135	1	0.04	4	1490	29	1.77	<2	3
208092	6331378	404458	East	Rock	TR10120299	<10	<1	0.26	10	0.42	1240	2	0.06	5	2850	8	0.25	<2	7
208093	6331435	404518	East	Rock	TR10120299	<10	<1	0.21	10	0.79	1210	1	0.05	5	2350	8	0.4	<2	7
208094	6331070	404286	East	Rock	TR10120299	<10	<1	0.26	20	0.02	177	4	0.06	3	1030	42	0.66	<2	2
208095	6331105	404325	East	Rock	TR10120299	<10	<1	0.23	20	0.01	32	1	0.06	2	820	35	1.35	<2	2
208096	6331154	404347	East	Rock	TR10120299	<10	<1	0.19	<10	0.38	1310	<1	0.02	1	610	3	<0.01	<2	4
208097	6331287	404270	East	Rock	TR10120299	<10	<1	0.17	20	0.36	1035	4	0.05	15	830	18	0.52	<2	3
208098	6331287	404278	East	Rock	TR10120299	<10	<1	0.15	20	0.96	1285	<1	0.03	3	370	731	0.2	<2	2
208099	6331163	404063	East	Rock	TR10120299	<10	<1	0.06	<10	1.62	1920	<1	0.02	3	280	11	<0.01	<2	3
208100	6331163	404063	East	Rock	TR10120299	<10	<1	0.28	10	1.47	1405	<1	0.05	7	1840	5	0.09	<2	10
208101	6330734	404195	East	Rock	TR10120299	10	<1	0.17	30	1.18	1025	<1	0.06	3	2360	3	0.25	<2	6
208102	6330666	404198	East	Rock	TR10120299	<10	<1	0.1	10	0.61	1600	1	0.07	7	2260	12	1.04	<2	12

## Appendix B - Voigtberg Project - 2010 - Rock and Soil Sample Results - Page #6

Sample_ID	UTM_N	UTM_E	Area/Zone	Type	LabJob	Ga	Hg	K(%)	La	Mg(%)	Mn	Mo	Na(%)	Ni	P	Pb	S(%)	Sb	Sc
208103	6330649	404221	East	Rock	TR10120299	<10	2	0.21	10	0.33	1540	3	0.04	8	2970	25	4.88	<2	18
208104	6330667	404411	East	Rock	TR10120299	<10	<1	0.18	20	0.15	947	2	0.03	7	1210	24	1.27	<2	5
208105	6330669	404524	East	Rock	TR10120299	10	<1	0.21	20	0.61	954	<1	0.05	8	1370	4	0.07	<2	5
208106	6330787	404178	East	Rock	TR10120299	10	2	0.08	<10	0.91	1070	6	1.6	35	1880	40	8.5	<2	15
208151	6331636	404344	East	Rock	TR10120299	<10	<1	0.26	20	0.78	1515	7	0.03	10	1500	17	2.43	<2	6
208152	6331435	404518	East	Rock	TR10120299	<10	<1	0.23	20	2.27	1045	<1	0.04	63	3270	<2	0.45	<2	19
208125	6331642	402270	Far West	Rock	TR10128297	10	<1	0.13	10	3.75	1240	<1	0.04	75	3320	5	0.02	<2	22
208126	6331559	402313	Far West	Rock	TR10128297	<10	<1	0.23	10	0.2	1020	<1	0.02	5	330	6	0.01	<2	5
208127	6331531	402263	Far West	Rock	TR10128297	10	<1	0.14	10	2.89	1295	<1	0.07	46	3520	6	0.06	<2	26
208128	6331071	402828	Gossan	Rock	TR10128297	10	<1	0.24	10	3.31	3010	1	0.03	13	4270	11	1.35	<2	14
208129	6331105	402869	Gossan	Rock	TR10128297	<10	1	0.35	<10	0.42	622	6	0.04	17	3610	122	8.7	<2	5
208130	6331123	402873	Gossan	Rock	TR10128297	<10	1	0.04	<10	0.01	50	2	0.01	8	110	101	3.63	2	<1
208131	6331107	402877	Gossan	Rock	TR10128297	<10	<1	0.23	<10	0.15	182	4	0.01	11	2570	45	6.2	<2	1
208132	6331139	402911	Gossan	Rock	TR10128297	<10	<1	0.54	10	1.17	1775	2	0.03	15	4300	87	9.5	<2	8
208133	6331144	402914	Gossan	Rock	TR10128297	<10	<1	0.51	20	2.12	3200	16	0.02	17	4120	40	2.58	<2	14
208134	6331162	402935	Gossan	Rock	TR10128297	<10	1	0.05	10	4.91	9480	3	0.03	5	280	56	4.91	2	3
208135	6331169	402946	Gossan	Rock	TR10128297	<10	<1	0.41	20	1.35	2010	4	0.03	12	3420	30	2.66	<2	16
208136	6331190	402987	Gossan	Rock	TR10128297	<10	<1	0.36	10	0.06	611	8	0.02	3	600	61	0.84	<2	1
208137	6331192	402988	Gossan	Rock	TR10128297	<10	<1	0.21	10	0.08	1565	84	0.05	17	2490	50	4.46	<2	5
208138	6331199	402995	Gossan	Rock	TR10128297	<10	3	0.12	<10	0.05	3540	7	0.02	<1	380	271	>10.0	4	2
208139	6331199	403002	Gossan	Rock	TR10128297	<10	<1	0.75	20	1.2	2460	4	0.02	13	3590	29	2.69	<2	21
208140	6331202	403014	Gossan	Rock	TR10128297	<10	<1	0.45	10	0.21	3290	3	0.02	13	2150	111	6.1	<2	13
208141	6331232	403063	Gossan	Rock	TR10128297	<10	<1	0.47	20	0.28	1320	2	0.02	13	3240	19	7	<2	13
208142	6331248	403081	Gossan	Rock	TR10128297	<10	1	0.04	10	0.73	2030	1	0.02	<1	70	7	<0.01	<2	1
208143	6331264	403098	Gossan	Rock	TR10128297	<10	<1	0.17	20	0.09	466	3	0.06	4	800	21	2.05	2	2
208144	6331274	403163	Gossan	Rock	TR10128297	<10	1	0.21	20	0.63	1495	6	0.04	9	1290	17	1.77	<2	9
208162	6331125	402835	Gossan	Rock	TR10128297	10	<1	0.16	10	2.75	1900	3	0.06	9	3390	34	1.36	2	9
208163	6331062	402896	Gossan	Rock	TR10128297	<10	1	0.3	10	0.08	1525	2	0.03	12	2150	72	7.1	<2	4
208164	6331062	402896	Gossan	Rock	TR10128297	<10	16	0.17	<10	0.04	1135	3	0.03	<1	490	473	>10.0	58	2
208165	6331058	402900	Gossan	Rock	TR10128297	<10	<1	0.25	10	0.23	1505	3	0.03	18	2920	22	6.3	3	15
208166	6331058	402900	Gossan	Rock	TR10128297	<10	1	0.17	10	0.06	3080	2	0.02	1	1030	148	>10.0	5	4
208167	6331133	402870	Gossan	Rock	TR10128297	<10	1	0.46	10	2.33	2870	1	0.03	7	3760	19	1.27	2	13
208168	6331143	402900	Gossan	Rock	TR10128297	<10	<1	0.26	<10	1.27	1495	5	0.02	6	2000	34	2.4	2	2
208169	6331178	402892	Gossan	Rock	TR10128297	<10	<1	0.23	10	0.58	1110	3	0.05	15	3940	44	5.5	3	6
208170	6331175	402890	Gossan	Rock	TR10128297	<10	1	0.4	<10	0.06	167	6	0.03	14	3810	76	6.6	3	4
208171	6331196	402878	Gossan	Rock	TR10128297	<10	<1	0.47	20	0.8	1290	2	0.04	<1	2970	<2	0.11	<2	6
208172	6331214	402865	Gossan	Rock	TR10128297	<10	<1	0.45	<10	1.22	900	3	0.02	9	3540	15	6.2	<2	7
208173	6331204	402879	Gossan	Rock	TR10128297	<10	13	0.29	<10	0.03	140	3	0.02	6	1000	264	6.2	14	1
208174	6331230	402897	Gossan	Rock	TR10128297	<10	2	0.21	20	1.17	2830	2	0.06	12	4040	270	7.7	4	10
208175	6331256	402915	Gossan	Rock	TR10128297	<10	1	0.25	10	0.87	2070	2	0.05	10	4280	25	5.4	4	12
208176	6331257	402903	Gossan	Rock	TR10128297	<10	1	0.25	10	0.22	1085	3	0.05	12	4320	27	7.3	2	7
208177	6331267	402986	Gossan	Rock	TR10128297	<10	<1	0.31	10	0.54	965	8	0.02	9	3260	37	4.06	3	10
208178	6331267	402980	Gossan	Rock	TR10128297	<10	<1	0.38	10	0.46	1850	5	0.02	9	3320	53	3.78	<2	7
208179	6331306	403051	Gossan	Rock	TR10128297	<10	<1	0.14	10	0.05	996	8	0.04	7	460	12	2	<2	1
208180	6331308	403108	Gossan	Rock	TR10128297	<10	1	0.18	20	0.02	57	6	0.07	<1	100	75	1.74	<2	<1
208181	6331292	403141	Gossan	Rock	TR10128297	<10	<1	0.1	10	0.01	222	3	0.1	<1	240	98	3.1	2	<1

## Appendix B - Voigtberg Project - 2010 - Rock and Soil Sample Results - Page #7

Sample_ID	UTM_N	UTM_E	Area/Zone	Type	LabJob	Ga	Hg	K(%)	La	Mg(%)	Mn	Mo	Na(%)	Ni	P	Pb	S(%)	Sb	Sc
208213	6331267	402986	Gossan	Soil	TR10128298	<10	<1	0.3	10	0.2	410	10	0.03	9	3110	92	0.79	3	5
208214	6331274	403022	Gossan	Soil	TR10128298	<10	<1	0.19	10	0.18	270	13	0.02	4	3370	115	0.6	4	8
208063	6331605	403500	Gossan-E	Rock	TR10120299	<10	1	0.32	10	0.03	368	2	0.02	2	1720	41	5.04	3	1
208023	6331377	403538	Gossan-SE	Rock	TR10120299	<10	1	0.12	10	0.18	4600	8	0.01	1	260	141	>10.0	3	4
208024	6331366	403538	Gossan-SE	Rock	TR10120299	<10	3	0.1	<10	1.64	4440	113	0.01	2	80	282	>10.0	5	3
208064	6331285	403561	Gossan-SE	Rock	TR10120299	<10	<1	0.52	10	0.83	1615	<1	0.04	25	2240	12	0.58	<2	24
208065	6331243	403556	Gossan-SE	Rock	TR10120299	<10	<1	0.19	30	0.29	1255	2	0.06	3	1040	12	1.21	<2	5
208053	6331572	403702	Moly	Rock	TR10120299	<10	<1	0.51	40	0.83	1010	<1	0.03	4	3580	10	0.41	<2	8
208054	6331571	403700	Moly	Rock	TR10120299	<10	<1	0.25	20	0.37	1135	1	0.04	6	1480	25	1.22	<2	6
208055	6331569	403704	Moly	Rock	TR10120299	<10	1	0.13	10	4.01	3700	2	0.04	2	270	4	<0.01	<2	4
208121	6331571	403690	Moly	Rock	TR10120299	<10	<1	0.16	10	0.34	1255	9	0.05	10	1130	12	4.83	<2	3
208122	6331562	403698	Moly	Rock	TR10120299	<10	<1	0.24	10	0.65	1805	3	0.02	6	1020	13	2.36	<2	3
208160	6331560	403708	Moly	Rock	TR10120299	10	<1	0.42	20	1.23	1565	<1	0.03	7	3070	<2	0.06	<2	14
208161	6331571	403702	Moly	Rock	TR10120299	<10	<1	0.23	10	0.24	1555	3	0.04	8	1320	25	4.13	<2	4
208018	6331574	403727	Moly-E	Rock	TR10120299	<10	1	0.13	20	0.35	1190	6	0.06	7	940	19	2.82	<2	7
208107	6331536	403757	Moly-E	Rock	TR10120299	10	<1	0.27	10	0.95	1635	11	0.06	24	970	12	1.6	<2	10
208108	6331535	403755	Moly-E	Rock	TR10120299	10	<1	0.28	20	1.02	1560	16	0.05	27	970	18	1.94	<2	12
208109	6331535	403753	Moly-E	Rock	TR10120299	<10	<1	0.33	10	0.93	1815	6	0.04	13	890	13	1.22	<2	8
208110	6331534	403752	Moly-E	Rock	TR10120299	<10	<1	0.21	10	0.83	2210	6	0.04	13	870	22	1.28	<2	8
208111	6331534	403750	Moly-E	Rock	TR10120299	10	<1	0.45	20	1.56	1255	8	0.05	31	950	19	1.54	<2	13
208112	6331533	403748	Moly-E	Rock	TR10120299	10	<1	0.56	20	1.48	1490	7	0.05	23	910	16	1.92	<2	13
208113	6331533	403746	Moly-E	Rock	TR10120299	10	<1	0.43	20	1	1840	8	0.05	22	880	13	1.74	<2	12
208114	6331532	403745	Moly-E	Rock	TR10120299	<10	<1	0.33	20	1.03	1635	8	0.05	19	1120	18	2.15	<2	11
208115	6331532	403743	Moly-E	Rock	TR10120299	<10	<1	0.22	10	0.52	1290	5	0.05	9	1110	18	1.19	<2	6
208116	6331531	403741	Moly-E	Rock	TR10120299	<10	<1	0.2	20	0.22	1070	8	0.04	7	830	22	1.69	<2	4
208117	6331542	403728	Moly-E	Rock	TR10120299	<10	<1	0.2	20	0.88	1935	7	0.04	6	740	21	1.12	<2	3
208123	6331554	403719	Moly-E	Rock	TR10120299	10	<1	0.9	10	2.23	1175	11	0.06	15	1130	12	2.02	<2	14
208157	6331528	403771	Moly-E	Rock	TR10120299	<10	<1	0.21	20	0.31	1635	3	0.04	11	1190	25	2.7	<2	6
208118	6331594	403680	Moly-N	Rock	TR10120299	<10	<1	0.1	10	0.61	1555	100	0.07	28	700	12	1.75	<2	4
208119	6331609	403687	Moly-N	Rock	TR10120299	<10	<1	0.28	10	2.24	2860	6	0.03	6	1060	15	2.99	<2	2
208120	6331624	403688	Moly-N	Rock	TR10120299	10	<1	0.06	50	1.42	6280	66	0.03	62	710	94	0.68	<2	6
208153	6331500	403758	Moly-SE	Rock	TR10120299	10	<1	0.37	10	0.87	1470	<1	0.03	7	3120	6	0.37	<2	10
208154	6331493	403752	Moly-SE	Rock	TR10120299	<10	<1	0.24	20	0.26	1015	4	0.04	10	1280	35	3.74	<2	7
208155	6331495	403747	Moly-SE	Rock	TR10120299	<10	<1	0.28	20	0.71	1575	4	0.04	9	2500	7	1.22	<2	9
208156	6331495	403752	Moly-SE	Rock	TR10120299	10	<1	0.34	20	0.79	1260	5	0.04	26	970	9	1.1	<2	14
208158	6331486	403822	Moly-SE	Rock	TR10120299	<10	<1	0.26	10	0.06	819	9	0.03	11	1420	13	2.51	<2	4
208159	6331430	403885	Moly-SE	Rock	TR10120299	10	<1	0.08	30	0.35	394	<1	0.08	1	1440	<2	0.13	<2	2
208080	6332030	403144	North	Rock	TR10120299	10	<1	0.49	20	1.2	2170	2	0.03	10	3100	25	0.41	2	28
208081	6332125	403090	North	Rock	TR10120299	<10	<1	0.5	10	0.42	362	2	0.02	20	3490	73	7.9	9	17
208082	6332193	403190	North	Rock	TR10120299	<10	<1	0.64	20	1.52	1820	12	0.02	11	3690	13	0.59	<2	13
208083	6332243	403211	North	Rock	TR10120299	<10	<1	0.4	10	0.03	28	40	0.01	<1	700	19	0.6	<2	4
208084	6332334	403254	North	Rock	TR10120299	<10	<1	0.31	10	0.47	1480	1	0.03	1	1900	6	2.81	<2	6
208033	6331858	402939	West	Rock	TR10120299	<10	2	0.4	20	0.09	180	98	0.01	21	3060	63	7.7	13	3
208034	6331855	402947	West	Rock	TR10120299	<10	2	0.24	30	2.04	3220	28	0.02	39	3840	22	5	2	17
208035	6331854	402953	West	Rock	TR10120299	<10	2	0.28	10	0.46	503	20	0.01	49	2800	109	>10.0	16	6
208036	6331843	402975	West	Rock	TR10120299	<10	1	0.34	30	2.28	3510	1	0.01	5	1770	25	3.5	4	11

## Appendix B - Voigtberg Project - 2010 - Rock and Soil Sample Results - Page #8

Sample_ID	UTM_N	UTM_E	Area/Zone	Type	LabJob	Ga	Hg	K(%)	La	Mg(%)	Mn	Mo	Na(%)	Ni	P	Pb	S(%)	Sb	Sc
208037	6331843	402976	West	Rock	TR10120299	<10	1	0.33	10	2.64	3120	5	0.03	20	2800	581	4.32	6	11
208038	6331843	402976	West	Rock	TR10120299	<10	1	0.11	10	3.75	5210	12	0.02	27	670	230	6.1	11	8
208075	6331860	402890	West	Rock	TR10120299	<10	<1	0.27	30	0.03	153	135	0.01	25	710	74	8.4	9	2
208076	6331798	402905	West	Rock	TR10120299	<10	<1	0.41	20	0.03	33	108	0.01	2	3790	75	1.26	2	4
208077	6331769	402928	West	Rock	TR10120299	<10	1	0.31	20	0.04	89	30	0.01	19	3190	34	6.3	16	4
208078	6331735	402942	West	Rock	TR10120299	<10	<1	0.34	20	0.03	33	15	0.01	9	2360	9	4.55	5	3
208079	6331683	402951	West	Rock	TR10120299	<10	<1	0.27	10	0.07	241	78	0.01	15	2880	49	5.47	3	6
208025	6330728	403687	South	Rock	TR10120299	<10	1	0.2	10	0.44	1150	1	0.03	3	1350	6	0.6	<2	10
208026	6330692	403631	South	Rock	TR10120299	<10	1	0.27	30	0.67	1105	1	0.03	10	1110	35	1.62	<2	5
208027	6330635	403464	South	Rock	TR10120299	<10	1	0.27	10	0.08	796	1	0.02	20	1230	6	2.51	2	8
208028	6330599	403463	South	Rock	TR10120299	10	1	0.15	20	1	1120	<1	0.04	6	1360	24	1.38	<2	7
208029	6330562	403464	South	Rock	TR10120299	<10	1	0.22	20	0.61	1540	<1	0.04	6	1280	21	1.83	<2	6
208030	6330517	403447	South	Rock	TR10120299	<10	1	0.27	20	0.05	885	1	0.03	6	1050	118	2.96	<2	3
208031	6330520	403450	South	Rock	TR10120299	<10	1	0.25	20	0.05	605	2	0.04	5	1080	101	1.41	<2	4
208032	6330425	403393	South	Rock	TR10120299	<10	1	0.28	<10	0.08	981	3	0.03	12	1970	24	6.6	2	5
208066	6330797	403591	South	Rock	TR10120299	<10	1	0.04	<10	0.11	630	3	0.03	<1	330	3	<0.01	2	1
208067	6330782	403577	South	Rock	TR10120299	<10	<1	0.33	20	0.27	1195	1	0.05	4	1260	17	0.37	<2	7
208068	6330691	403639	South	Rock	TR10120299	<10	<1	0.32	30	0.17	835	<1	0.04	4	1150	6	0.07	<2	5
208069	6330745	403514	South	Rock	TR10120299	<10	<1	0.31	20	0.13	1220	<1	0.04	7	1530	28	1.78	<2	6
208070	6330722	403506	South	Rock	TR10120299	<10	<1	1.18	20	3.57	1260	<1	0.07	109	2790	4	0.14	<2	21
208071	6330600	403531	South	Rock	TR10120299	10	<1	0.28	10	1.06	1185	1	0.03	79	2500	15	1.56	<2	28
208072	6330590	403518	South	Rock	TR10120299	<10	<1	0.24	20	0.64	1100	<1	0.03	5	1370	16	1.96	<2	7
208073	6330513	403460	South	Rock	TR10120299	<10	1	0.23	20	0.12	1355	<1	0.05	4	930	61	2.76	<2	4
208074	6330482	403429	South	Rock	TR10120299	<10	5	0.25	20	0.6	2280	1	0.04	2	1090	1835	4.3	55	3
208201	6330872	402967	South	Soil	TR10128298	10	<1	0.21	30	0.31	1990	5	0.02	15	2560	31	0.39	<2	9
208202	6330829	402984	South	Soil	TR10128298	<10	<1	0.14	10	0.12	488	6	0.01	15	1250	35	0.16	<2	3
208203	6330794	402984	South	Soil	TR10128298	<10	<1	0.14	10	0.15	783	5	0.01	20	1920	59	0.22	2	5
208204	6330751	402990	South	Soil	TR10128298	<10	<1	0.16	30	0.3	1830	6	0.02	14	2130	39	0.25	<2	6
208205	6330707	403021	South	Soil	TR10128298	<10	<1	0.12	20	0.14	180	6	0.02	29	1980	22	0.4	<2	3
208206	6330657	403049	South	Soil	TR10128298	10	<1	0.21	20	0.57	1760	5	0.01	56	1520	26	0.02	4	11
208207	6330627	403059	South	Soil	TR10128298	10	<1	0.22	20	0.69	1590	3	0.01	28	2080	28	0.03	2	10
208208	6330600	403071	South	Soil	TR10128298	<10	<1	0.2	10	0.48	1205	2	0.01	21	2570	38	0.08	3	8
208209	6330569	403089	South	Soil	TR10128298	<10	<1	0.14	10	0.16	1360	5	0.02	13	3830	51	0.13	<2	1
208210	6330536	403110	South	Soil	TR10128298	<10	<1	0.18	20	0.13	1660	3	0.01	22	2580	38	0.03	2	9
208211	6330515	403121	South	Soil	TR10128298	10	<1	0.15	10	0.1	1610	5	0.02	13	2210	33	0.13	2	1
208212	6330482	403144	South	Soil	TR10128298	<10	<1	0.19	10	0.08	2360	5	0.02	25	3960	50	0.16	<2	1

Statistics:

95th%ile Value	3	0.50	2.44	3245	49	0.07	36	4068	196	9.31	9	20
90th%ile Value	2	0.43	1.85	2481	16	0.06	25	3666	106	7.27	4	15
SD	2	0.15	0.87	1145	21	0.17	15	1198	162	3.01	6	6
Avg Value	1	0.26	0.76	1434	9	0.05	13	1905	58	2.82	3	8

All Values ppm unless otherwise indicated

**Appendix B - Voigtberg Project - 2010 - Rock and Soil Sample Results - Page #9**

Sample_ID	UTM_N	UTM_E	Area/Zone	Type	LabJob	Sr	Th	Ti(%)	Tl	U	V	W	Zn	Zn(%)
208051	6331776	403541	Au	Rock	TR10120299	433	<20	0.01	<10	<10	64	<10	52	
208052	6331774	403565	Au	Rock	TR10120299	3000	<20	<0.01	<10	<10	30	<10	137	
208124	6331954	403719	Au-E	Rock	TR10120299	76	<20	0.47	<10	<10	191	<10	106	
208019	6331670	403608	Au-S	Rock	TR10120299	138	<20	<0.01	<10	<10	14	<10	42	
208020	6331665	403606	Au-S	Rock	TR10120299	75	<20	<0.01	<10	<10	35	<10	51	
208021	6331683	403597	Au-S	Rock	TR10120299	225	<20	<0.01	<10	<10	14	<10	11	
208022	6331718	403576	Au-S	Rock	TR10120299	385	<20	<0.01	10	<10	8	<10	72	
208056	6331644	403601	Au-S	Rock	TR10120299	71	<20	0.01	<10	<10	54	10	38	
208057	6331680	403623	Au-S	Rock	TR10120299	170	<20	<0.01	<10	<10	37	<10	10	
208058	6331680	403623	Au-S	Rock	TR10120299	314	<20	<0.01	<10	<10	37	<10	115	
208059	6331750	403565	Au-S	Rock	TR10120299	192	<20	<0.01	<10	<10	11	<10	22	
208060	6331714	403558	Au-S	Rock	TR10120299	144	<20	<0.01	<10	<10	32	<10	471	
208061	6331714	403548	Au-S	Rock	TR10120299	163	<20	<0.01	<10	<10	66	<10	74	
208062	6331630	403538	Au-S	Rock	TR10120299	46	<20	<0.01	20	<10	26	<10	28	
208016	6331681	403261	Au-W	Rock	TR10120299	536	<20	<0.01	<10	<10	24	<10	64	
208017	6331267	402986	Au-W	Rock	TR10120299	513	<20	0.02	<10	<10	174	<10	34	
208039	6330916	404221	East	Rock	TR10120299	305	<20	<0.01	<10	<10	48	<10	111	
208040	6330909	404222	East	Rock	TR10120299	295	<20	<0.01	<10	<10	48	<10	66	
208041	6330874	404154	East	Rock	TR10120299	473	<20	<0.01	<10	<10	53	<10	64	
208042	6330880	404126	East	Rock	TR10120299	364	<20	<0.01	<10	<10	60	<10	63	
208043	6330862	404115	East	Rock	TR10120299	1700	<20	<0.01	<10	10	12	<10	565	
208044	6330838	404136	East	Rock	TR10120299	374	<20	0.02	<10	<10	120	<10	86	
208045	6330754	404125	East	Rock	TR10120299	316	<20	<0.01	<10	<10	158	<10	164	
208046	6330781	404163	East	Rock	TR10120299	135	<20	<0.01	<10	<10	84	<10	75	
208047	6330779	404167	East	Rock	TR10120299	290	<20	0.01	<10	10	199	<10	101	
208048	6330802	404211	East	Rock	TR10120299	881	<20	<0.01	<10	10	23	<10	377	
208049	6330812	404214	East	Rock	TR10120299	303	<20	<0.01	<10	10	69	<10	140	
208050	6330769	404185	East	Rock	TR10120299	293	<20	<0.01	<10	<10	118	<10	139	
208085	6330978	404250	East	Rock	TR10120299	92	<20	<0.01	<10	<10	95	<10	67	
208086	6330990	404262	East	Rock	TR10120299	392	<20	<0.01	<10	<10	78	<10	51	
208087	6330993	404176	East	Rock	TR10120299	165	<20	<0.01	<10	<10	37	<10	44	
208088	6331112	404256	East	Rock	TR10120299	206	<20	<0.01	<10	<10	139	<10	77	
208089	6331150	404335	East	Rock	TR10120299	618	<20	<0.01	<10	<10	44	<10	35	
208090	6331178	404332	East	Rock	TR10120299	1460	<20	<0.01	<10	<10	21	<10	29	
208091	6331283	404351	East	Rock	TR10120299	39	<20	<0.01	<10	<10	14	<10	10	
208092	6331378	404458	East	Rock	TR10120299	243	<20	0.01	<10	<10	82	<10	63	
208093	6331435	404518	East	Rock	TR10120299	344	<20	<0.01	<10	<10	47	<10	46	
208094	6331070	404286	East	Rock	TR10120299	99	<20	<0.01	<10	<10	18	<10	9	
208095	6331105	404325	East	Rock	TR10120299	54	<20	<0.01	<10	<10	13	<10	3	
208096	6331154	404347	East	Rock	TR10120299	647	<20	<0.01	<10	<10	19	<10	28	
208097	6331287	404270	East	Rock	TR10120299	415	<20	0.01	<10	<10	26	<10	54	
208098	6331287	404278	East	Rock	TR10120299	980	<20	<0.01	<10	<10	11	<10	1390	
208099	6331163	404063	East	Rock	TR10120299	1400	<20	<0.01	<10	<10	27	<10	87	
208100	6331163	404063	East	Rock	TR10120299	550	<20	0.01	<10	<10	60	<10	74	
208101	6330734	404195	East	Rock	TR10120299	252	<20	<0.01	<10	<10	161	<10	72	
208102	6330666	404198	East	Rock	TR10120299	316	<20	<0.01	<10	<10	67	<10	28	

**Appendix B - Voigtberg Project - 2010 - Rock and Soil Sample Results - Page #10**

Sample_ID	UTM_N	UTM_E	Area/Zone	Type	LabJob	Sr	Th	Ti(%)	Tl	U	V	W	Zn	Zn(%)
208103	6330649	404221	East	Rock	TR10120299	234	<20	<0.01	10	<10	72	<10	>10000	1.27
208104	6330667	404411	East	Rock	TR10120299	327	<20	<0.01	<10	<10	17	<10	48	
208105	6330669	404524	East	Rock	TR10120299	290	<20	0.01	<10	<10	110	<10	83	
208106	6330787	404178	East	Rock	TR10120299	280	<20	0.01	<10	<10	167	<10	84	
208151	6331636	404344	East	Rock	TR10120299	138	<20	0.01	<10	<10	44	<10	144	
208152	6331435	404518	East	Rock	TR10120299	605	<20	<0.01	<10	<10	114	<10	92	
208125	6331642	402270	Far West	Rock	TR10128297	808	<20	0.09	<10	<10	137	<10	92	
208126	6331559	402313	Far West	Rock	TR10128297	239	<20	0.01	<10	<10	87	<10	30	
208127	6331531	402263	Far West	Rock	TR10128297	773	<20	0.06	<10	<10	228	<10	105	
208128	6331071	402828	Gossan	Rock	TR10128297	201	<20	<0.01	<10	<10	182	<10	139	
208129	6331105	402869	Gossan	Rock	TR10128297	76	<20	<0.01	<10	<10	44	<10	123	
208130	6331123	402873	Gossan	Rock	TR10128297	222	<20	<0.01	<10	<10	3	<10	91	
208131	6331107	402877	Gossan	Rock	TR10128297	77	<20	<0.01	<10	<10	16	<10	84	
208132	6331139	402911	Gossan	Rock	TR10128297	100	<20	<0.01	<10	<10	76	<10	838	
208133	6331144	402914	Gossan	Rock	TR10128297	131	<20	<0.01	<10	<10	53	<10	61	
208134	6331162	402935	Gossan	Rock	TR10128297	222	<20	<0.01	30	<10	11	<10	2500	
208135	6331169	402946	Gossan	Rock	TR10128297	122	<20	<0.01	<10	<10	61	<10	153	
208136	6331190	402987	Gossan	Rock	TR10128297	110	<20	<0.01	<10	<10	9	<10	307	
208137	6331192	402988	Gossan	Rock	TR10128297	172	<20	<0.01	<10	<10	19	<10	473	
208138	6331199	402995	Gossan	Rock	TR10128297	153	<20	<0.01	20	<10	11	<10	3330	
208139	6331199	403002	Gossan	Rock	TR10128297	293	<20	0.03	<10	<10	78	<10	46	
208140	6331202	403014	Gossan	Rock	TR10128297	228	<20	0.01	<10	<10	43	<10	19	
208141	6331232	403063	Gossan	Rock	TR10128297	148	<20	0.01	<10	<10	70	<10	70	
208142	6331248	403081	Gossan	Rock	TR10128297	1235	<20	<0.01	<10	<10	2	<10	14	
208143	6331264	403098	Gossan	Rock	TR10128297	93	<20	<0.01	<10	<10	20	<10	23	
208144	6331274	403163	Gossan	Rock	TR10128297	285	<20	<0.01	<10	<10	80	<10	62	
208162	6331125	402835	Gossan	Rock	TR10128297	101	<20	0.05	<10	<10	157	<10	120	
208163	6331062	402896	Gossan	Rock	TR10128297	113	<20	<0.01	20	<10	28	<10	536	
208164	6331062	402896	Gossan	Rock	TR10128297	147	<20	<0.01	100	<10	17	<10	1005	
208165	6331058	402900	Gossan	Rock	TR10128297	245	<20	<0.01	<10	<10	37	<10	23	
208166	6331058	402900	Gossan	Rock	TR10128297	140	<20	<0.01	100	<10	26	<10	503	
208167	6331133	402870	Gossan	Rock	TR10128297	186	<20	<0.01	<10	<10	52	<10	142	
208168	6331143	402900	Gossan	Rock	TR10128297	131	<20	<0.01	<10	<10	18	<10	139	
208169	6331178	402892	Gossan	Rock	TR10128297	99	<20	<0.01	<10	<10	94	<10	71	
208170	6331175	402890	Gossan	Rock	TR10128297	80	<20	<0.01	<10	<10	34	<10	26	
208171	6331196	402878	Gossan	Rock	TR10128297	158	<20	0.02	<10	<10	73	<10	48	
208172	6331214	402865	Gossan	Rock	TR10128297	71	<20	<0.01	<10	<10	46	<10	50	
208173	6331204	402879	Gossan	Rock	TR10128297	39	<20	<0.01	20	<10	36	<10	881	
208174	6331230	402897	Gossan	Rock	TR10128297	134	<20	<0.01	10	<10	83	<10	2000	
208175	6331256	402915	Gossan	Rock	TR10128297	139	<20	<0.01	<10	<10	112	<10	56	
208176	6331257	402903	Gossan	Rock	TR10128297	98	<20	<0.01	<10	<10	66	10	627	
208177	6331267	402986	Gossan	Rock	TR10128297	150	<20	<0.01	<10	<10	48	<10	202	
208178	6331267	402980	Gossan	Rock	TR10128297	126	<20	<0.01	<10	<10	48	<10	51	
208179	6331306	403051	Gossan	Rock	TR10128297	230	<20	<0.01	<10	<10	10	<10	94	
208180	6331308	403108	Gossan	Rock	TR10128297	43	<20	<0.01	<10	<10	8	<10	26	
208181	6331292	403141	Gossan	Rock	TR10128297	46	<20	<0.01	<10	<10	13	<10	16	

**Appendix B - Voigtberg Project - 2010 - Rock and Soil Sample Results - Page #11**

Sample_ID	UTM_N	UTM_E	Area/Zone	Type	LabJob	Sr	Th	Ti(%)	Tl	U	V	W	Zn	Zn(%)
208213	6331267	402986	Gossan	Soil	TR10128298	79	<20	0.01	<10	<10	60	<10	101	
208214	6331274	403022	Gossan	Soil	TR10128298	54	<20	0.01	<10	<10	58	<10	112	
208063	6331605	403500	Gossan-E	Rock	TR10120299	62	<20	<0.01	<10	<10	34	<10	140	
208023	6331377	403538	Gossan-SE	Rock	TR10120299	683	<20	<0.01	30	<10	19	10	2320	
208024	6331366	403538	Gossan-SE	Rock	TR10120299	387	<20	<0.01	<10	10	28	<10	267	
208064	6331285	403561	Gossan-SE	Rock	TR10120299	522	<20	0.07	<10	<10	74	<10	48	
208065	6331243	403556	Gossan-SE	Rock	TR10120299	245	<20	<0.01	<10	<10	23	<10	23	
208053	6331572	403702	Moly	Rock	TR10120299	503	<20	0.03	<10	<10	76	<10	130	
208054	6331571	403700	Moly	Rock	TR10120299	533	<20	<0.01	<10	<10	34	<10	26	
208055	6331569	403704	Moly	Rock	TR10120299	1380	<20	<0.01	<10	<10	39	<10	86	
208121	6331571	403690	Moly	Rock	TR10120299	294	<20	<0.01	<10	<10	15	<10	29	
208122	6331562	403698	Moly	Rock	TR10120299	937	<20	<0.01	<10	<10	10	<10	31	
208160	6331560	403708	Moly	Rock	TR10120299	634	<20	0.01	<10	<10	111	<10	73	
208161	6331571	403702	Moly	Rock	TR10120299	287	<20	<0.01	<10	<10	16	<10	37	
208018	6331574	403727	Moly-E	Rock	TR10120299	275	<20	<0.01	<10	<10	71	<10	71	
208107	6331536	403757	Moly-E	Rock	TR10120299	822	<20	0.03	<10	<10	78	<10	82	
208108	6331535	403755	Moly-E	Rock	TR10120299	747	<20	0.04	<10	<10	75	<10	70	
208109	6331535	403753	Moly-E	Rock	TR10120299	1020	<20	0.03	<10	<10	56	<10	60	
208110	6331534	403752	Moly-E	Rock	TR10120299	1220	<20	0.01	<10	<10	55	<10	63	
208111	6331534	403750	Moly-E	Rock	TR10120299	537	<20	0.04	<10	<10	98	<10	93	
208112	6331533	403748	Moly-E	Rock	TR10120299	639	<20	0.07	<10	<10	104	<10	81	
208113	6331533	403746	Moly-E	Rock	TR10120299	661	<20	0.04	<10	<10	61	<10	51	
208114	6331532	403745	Moly-E	Rock	TR10120299	447	<20	0.01	<10	<10	52	<10	60	
208115	6331532	403743	Moly-E	Rock	TR10120299	478	<20	<0.01	<10	<10	37	<10	30	
208116	6331531	403741	Moly-E	Rock	TR10120299	494	<20	<0.01	<10	<10	18	<10	15	
208117	6331542	403728	Moly-E	Rock	TR10120299	699	<20	<0.01	<10	<10	24	<10	42	
208123	6331554	403719	Moly-E	Rock	TR10120299	338	<20	0.2	<10	<10	139	<10	71	
208157	6331528	403771	Moly-E	Rock	TR10120299	638	<20	<0.01	<10	<10	18	<10	13	
208118	6331594	403680	Moly-N	Rock	TR10120299	138	<20	<0.01	<10	<10	12	<10	64	
208119	6331609	403687	Moly-N	Rock	TR10120299	863	<20	<0.01	<10	<10	15	<10	104	
208120	6331624	403688	Moly-N	Rock	TR10120299	4790	<20	0.01	<10	<10	150	<10	524	
208153	6331500	403758	Moly-SE	Rock	TR10120299	305	<20	<0.01	<10	<10	64	<10	68	
208154	6331493	403752	Moly-SE	Rock	TR10120299	381	<20	<0.01	<10	<10	25	<10	208	
208155	6331495	403747	Moly-SE	Rock	TR10120299	486	<20	0.01	<10	<10	55	<10	34	
208156	6331495	403752	Moly-SE	Rock	TR10120299	314	<20	0.01	<10	<10	65	<10	64	
208158	6331486	403822	Moly-SE	Rock	TR10120299	158	<20	<0.01	<10	<10	19	<10	23	
208159	6331430	403885	Moly-SE	Rock	TR10120299	78	<20	<0.01	<10	<10	37	<10	38	
208080	6332030	403144	North	Rock	TR10120299	168	<20	0.05	<10	<10	154	10	122	
208081	6332125	403090	North	Rock	TR10120299	39	<20	0.01	20	<10	74	<10	54	
208082	6332193	403190	North	Rock	TR10120299	182	<20	0.03	<10	<10	111	<10	54	
208083	6332243	403211	North	Rock	TR10120299	62	<20	<0.01	<10	<10	25	<10	5	
208084	6332334	403254	North	Rock	TR10120299	1220	<20	<0.01	<10	<10	58	<10	17	
208033	6331858	402939	West	Rock	TR10120299	78	<20	<0.01	20	<10	52	<10	131	
208034	6331855	402947	West	Rock	TR10120299	1060	<20	<0.01	10	<10	53	10	853	
208035	6331854	402953	West	Rock	TR10120299	98	<20	<0.01	10	10	40	<10	122	
208036	6331843	402975	West	Rock	TR10120299	234	<20	0.01	<10	<10	56	<10	45	

**Appendix B - Voigtberg Project - 2010 - Rock and Soil Sample Results - Page #12**

Sample_ID	UTM_N	UTM_E	Area/Zone	Type	LabJob	Sr	Th	Ti(%)	Tl	U	V	W	Zn	Zn(%)
208037	6331843	402976	West	Rock	TR10120299	181	<20	<0.01	10	<10	120	10	655	
208038	6331843	402976	West	Rock	TR10120299	217	<20	<0.01	30	10	98	10	907	
208075	6331860	402890	West	Rock	TR10120299	65	<20	0.01	10	<10	19	<10	41	
208076	6331798	402905	West	Rock	TR10120299	216	<20	<0.01	<10	<10	33	<10	13	
208077	6331769	402928	West	Rock	TR10120299	51	<20	<0.01	20	<10	45	<10	95	
208078	6331735	402942	West	Rock	TR10120299	47	<20	0.01	<10	<10	40	<10	79	
208079	6331683	402951	West	Rock	TR10120299	59	<20	<0.01	<10	<10	30	<10	20	
208025	6330728	403687	South	Rock	TR10120299	293	<20	<0.01	<10	<10	60	<10	24	
208026	6330692	403631	South	Rock	TR10120299	214	<20	<0.01	<10	<10	33	<10	20	
208027	6330635	403464	South	Rock	TR10120299	133	<20	<0.01	<10	<10	17	<10	66	
208028	6330599	403463	South	Rock	TR10120299	189	<20	<0.01	<10	<10	109	<10	100	
208029	6330562	403464	South	Rock	TR10120299	185	<20	<0.01	<10	<10	53	<10	77	
208030	6330517	403447	South	Rock	TR10120299	236	<20	<0.01	<10	<10	15	<10	81	
208031	6330520	403450	South	Rock	TR10120299	69	<20	<0.01	<10	<10	18	<10	50	
208032	6330425	403393	South	Rock	TR10120299	172	<20	<0.01	<10	<10	21	<10	79	
208066	6330797	403591	South	Rock	TR10120299	680	<20	<0.01	<10	20	2	<10	5	
208067	6330782	403577	South	Rock	TR10120299	246	<20	0.01	<10	<10	63	<10	33	
208068	6330691	403639	South	Rock	TR10120299	175	<20	<0.01	<10	<10	28	<10	29	
208069	6330745	403514	South	Rock	TR10120299	329	<20	<0.01	<10	<10	22	<10	25	
208070	6330722	403506	South	Rock	TR10120299	521	<20	0.27	<10	<10	178	<10	77	
208071	6330600	403531	South	Rock	TR10120299	625	<20	0.02	<10	<10	83	<10	43	
208072	6330590	403518	South	Rock	TR10120299	98	<20	<0.01	<10	<10	51	<10	20	
208073	6330513	403460	South	Rock	TR10120299	256	<20	<0.01	<10	<10	18	<10	22	
208074	6330482	403429	South	Rock	TR10120299	412	<20	<0.01	<10	<10	23	<10	>10000	1.67
208201	6330872	402967	South	Soil	TR10128298	65	<20	0.01	<10	<10	53	<10	95	
208202	6330829	402984	South	Soil	TR10128298	68	<20	<0.01	<10	<10	22	<10	49	
208203	6330794	402984	South	Soil	TR10128298	48	<20	<0.01	<10	<10	32	<10	47	
208204	6330751	402990	South	Soil	TR10128298	52	<20	0.01	<10	<10	49	<10	86	
208205	6330707	403021	South	Soil	TR10128298	104	<20	0.01	<10	<10	24	<10	76	
208206	6330657	403049	South	Soil	TR10128298	36	<20	0.01	<10	<10	63	<10	232	
208207	6330627	403059	South	Soil	TR10128298	33	<20	0.01	<10	<10	72	<10	165	
208208	6330600	403071	South	Soil	TR10128298	44	<20	<0.01	<10	<10	56	<10	141	
208209	6330569	403089	South	Soil	TR10128298	54	<20	0.01	<10	<10	52	<10	211	
208210	6330536	403110	South	Soil	TR10128298	31	<20	<0.01	<10	<10	41	<10	200	
208211	6330515	403121	South	Soil	TR10128298	21	<20	0.01	<10	<10	54	<10	105	
208212	6330482	403144	South	Soil	TR10128298	36	<20	0.01	<10	<10	25	<10	193	
Statistics:					95th%ile Value	1116		0.04			157		890	
					90th%ile Value	765		0.02			117		494	
					SD	503		0.04			45		1617	
					Avg Value	362		0.02			56		353	

All Values ppm unless otherwise indicated

### Appendix C - Voigtberg Project - Correlation Matrix for 2010 Rock and Soil Samples

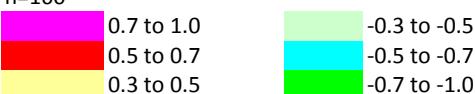
	Au-AA23	Ag	Al(%)	As	Ba	Be	Ca(%)	Cd	Co	Cr	Cu	Fe(%)	Hg	K(%)	Mg(%)	Mn	Mo	Na(%)	Ni	P	Pb	S(%)	Sb	Sc	Sr	Ti(%)	V	Zn
Au-AA23	1.000																											
Ag	0.178	1.000																										
Al(%)	-0.166	-0.142	1.000																									
As	0.373	0.162	-0.207	1.000																								
Ba	-0.158	-0.114	0.190	-0.203	1.000																							
Be	-0.190	-0.096	0.479	-0.131	0.257	1.000																						
Ca(%)	-0.136	-0.019	-0.082	0.000	0.014	-0.125	1.000																					
Cd	0.075	0.904	-0.085	0.069	-0.048	-0.025	0.066	1.000																				
Co	0.135	0.012	0.437	0.071	-0.022	0.272	-0.183	-0.054	1.000																			
Cr	-0.089	-0.079	0.351	-0.096	0.452	0.121	0.029	-0.044	0.175	1.000																		
Cu	0.087	0.198	-0.073	0.171	-0.109	0.039	0.004	0.056	0.273	-0.063	1.000																	
Fe(%)	0.153	0.136	0.095	0.551	-0.073	0.057	-0.133	0.005	0.382	0.044	0.426	1.000																
Hg	0.341	0.281	-0.142	0.376	-0.170	-0.200	-0.081	0.223	0.035	-0.095	0.078	0.460	1.000															
K(%)	0.081	-0.007	0.207	-0.036	0.132	0.381	-0.232	-0.031	0.226	0.290	-0.021	0.043	-0.054	1.000														
Mg(%)	-0.071	-0.025	0.326	0.000	0.226	0.218	0.273	0.013	0.193	0.400	0.271	0.094	-0.128	0.138	1.000													
Mn	-0.088	0.068	-0.005	0.218	0.031	0.188	0.446	0.150	-0.011	-0.003	0.306	0.147	-0.059	-0.114	0.607	1.000												
Mo	0.302	0.248	-0.148	0.134	-0.127	-0.216	-0.105	-0.027	0.094	-0.065	0.224	0.203	0.026	-0.025	-0.100	0.016	1.000											
Na(%)	-0.060	-0.036	0.512	-0.058	-0.041	0.027	0.039	-0.014	0.454	-0.021	-0.034	0.100	0.016	-0.129	0.035	-0.051	-0.043	1.000										
Ni	-0.024	-0.060	0.366	-0.011	0.277	0.207	-0.048	-0.061	0.467	0.813	0.028	0.189	-0.079	0.258	0.349	0.068	0.098	0.092	1.000									
P	0.081	-0.046	0.242	-0.034	0.087	0.421	-0.341	-0.060	0.491	0.106	0.000	0.228	-0.091	0.412	0.115	-0.082	-0.044	0.013	0.258	1.000								
Pb	0.123	0.852	-0.160	0.209	-0.035	-0.079	0.012	0.877	-0.019	-0.091	0.247	0.187	0.390	-0.052	-0.006	0.137	0.030	-0.019	-0.079	-0.081	1.000							
S(%)	0.309	0.213	-0.252	0.579	-0.485	-0.202	-0.126	0.116	0.319	-0.200	0.241	0.645	0.443	0.074	-0.177	0.075	0.252	0.059	-0.005	0.162	0.239	1.000						
Sb	0.360	0.698	-0.157	0.444	-0.148	-0.133	-0.071	0.628	0.034	-0.084	0.115	0.450	0.711	-0.008	-0.071	0.004	0.091	-0.045	-0.028	-0.030	0.717	0.392	1.000					
Sc	-0.145	-0.129	0.536	-0.124	0.212	0.479	0.108	-0.081	0.469	0.487	0.016	0.133	-0.172	0.394	0.445	0.156	-0.178	0.166	0.512	0.443	-0.149	-0.170	-0.140	1.000				
Sr	-0.077	-0.040	0.035	-0.115	0.163	-0.037	0.574	0.013	-0.186	0.135	-0.072	-0.165	-0.097	-0.164	0.233	0.390	0.106	-0.016	0.173	-0.251	-0.014	-0.191	-0.082	0.042	1.000			
Ti(%)	-0.059	-0.049	0.396	-0.077	0.193	0.020	-0.024	-0.030	0.078	0.492	-0.038	0.031	-0.069	0.297	0.339	-0.010	-0.055	0.023	0.329	0.041	-0.066	-0.142	-0.057	0.289	0.009	1.000		
V	-0.094	-0.105	0.766	-0.121	0.280	0.373	-0.026	-0.067	0.446	0.425	0.088	0.180	-0.133	0.205	0.521	0.132	-0.134	0.338	0.409	0.416	-0.110	-0.207	-0.110	0.678	0.087	0.442	1.000	
Zn	0.047	0.709	-0.092	0.088	-0.059	0.033	0.099	0.814	-0.040	-0.057	0.034	0.069	0.233	-0.062	0.014	0.188	-0.036	-0.017	-0.072	-0.024	0.711	0.161	0.509	0.002	0.007	-0.037	-0.051	1.000

B, Bi, Ga, La, Th, Tl, U, W, Zn(%) removed.

Below detection replaced by 0.5\*detection limit

Above detection >25 replaced by 30, >10 replaced by 11, and Zn values above 10,000 are assays

n=160





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North Vancouver BC V7H 0A7  
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To: BC GOLD CORP.  
#1400-625 HOWE ST.  
VANCOUVER BC V6C 2T6

Page: 1  
Finalized Date: 21-SEP-2010  
Account: BCGOLD

## CERTIFICATE TR10120299

Project:  
P.O. No.: 10-01  
This report is for 120 GRAB samples submitted to our lab in Terrace, BC, Canada on  
7-SEP-2010.

The following have access to data associated with this certificate:

B COATES

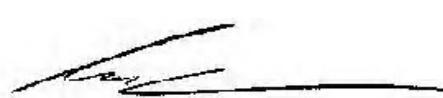
B. FOWLER

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login – Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing – 70% <2mm
SPL-21	Split sample – riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG46	Ore Grade Zn – Aqua Regia	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements – AquaRegia	ICP-AES

To: BC GOLD CORP.  
ATTN: B COATES  
#1400-625 HOWE ST.  
VANCOUVER BC V6C 2T6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

**Signature:**   
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
Total # Pages: 4 (A - C)  
Finalized Date: 21-SEP-2010  
Account: BCGOLD

CERTIFICATE OF ANALYSIS TR10120299

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt.	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm
		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
208016		1.13	0.8	0.24	64	<10	60	<0.5	<2	19.8	<0.5	13	2	59	2.29	<10
208017		0.84	0.3	0.64	27	<10	310	1.6	<2	7.5	<0.5	23	1	135	6.39	<10
208018		0.76	0.3	1.02	32	<10	20	0.9	<2	5.79	<0.5	10	7	37	4.47	<10
208019		0.92	0.2	0.40	29	<10	50	0.5	<2	2.18	<0.5	4	2	143	2.38	<10
208020		0.76	1.1	0.71	150	<10	20	1.5	<2	1.02	<0.5	37	<1	195	9.24	<10
208021		0.95	0.5	0.30	48	<10	30	<0.5	<2	2.24	<0.5	6	1	22	2.07	<10
208022		1.13	3.4	0.24	162	<10	10	<0.5	<2	1.83	<0.5	19	10	168	6.06	<10
208023		1.14	1.6	0.17	205	<10	10	0.6	<2	18.0	4.3	2	<1	182	10.60	<10
208024		1.11	8.2	0.14	86	<10	10	0.7	<2	10.9	1.2	15	<1	3260	23.7	<10
208025		0.79	0.3	0.51	14	<10	260	0.6	<2	16.2	<0.5	13	1	71	3.28	<10
208026		0.78	0.3	0.39	8	<10	110	1.1	<2	5.80	<0.5	14	1	49	3.09	<10
208027		0.90	0.3	0.49	37	<10	40	0.8	<2	4.23	<0.5	9	6	50	3.37	<10
208028		1.26	0.5	1.45	29	<10	80	0.8	<2	3.98	<0.5	11	8	55	3.38	10
208029		0.76	0.4	0.39	51	<10	60	0.7	<2	5.79	<0.5	10	3	42	2.89	<10
208030		0.80	0.4	0.46	14	<10	70	1.7	<2	3.39	<0.5	8	1	20	2.88	<10
208031		0.82	2.9	0.42	16	<10	80	1.0	<2	1.21	<0.5	7	2	53	2.55	<10
208032		1.14	1.0	0.47	9	<10	20	1.2	<2	3.57	<0.5	14	3	30	5.60	<10
208033		0.79	3.0	0.56	305	<10	20	0.8	<2	0.71	<0.5	33	3	115	7.03	<10
208034		0.79	2.5	0.40	192	<10	40	1.0	<2	17.0	2.3	11	26	55	4.12	<10
208035		0.74	1.9	0.38	507	<10	10	0.9	<2	2.12	0.6	22	12	107	19.4	<10
208036		0.94	1.0	0.45	133	<10	30	0.8	<2	4.88	<0.5	21	<1	139	3.62	<10
208037		1.13	5.5	0.55	283	<10	20	1.4	<2	7.6	6.1	45	1	2860	6.94	<10
208038		0.96	9.1	0.23	480	<10	10	0.8	<2	12.0	5.1	53	<1	2690	10.35	<10
208039		1.53	<0.2	0.67	6	<10	450	1.1	<2	6.04	<0.5	18	3	107	4.59	<10
208040		0.90	0.2	0.32	11	<10	60	0.9	<2	5.49	<0.5	12	2	65	3.55	<10
208041		0.86	<0.2	0.62	5	<10	520	1.1	2	10.3	<0.5	28	12	106	6.04	<10
208042		4.55	<0.2	0.49	8	<10	80	1.2	<2	6.78	<0.5	18	9	139	5.26	<10
208043		1.39	0.4	0.19	4	<10	870	0.5	<2	20.4	2.1	3	<1	39	3.28	<10
208044		0.72	<0.2	2.06	4	<10	180	0.9	2	5.66	<0.5	15	14	83	5.07	10
208045		1.21	<0.2	2.11	5	<10	240	1.2	<2	9.1	<0.5	19	7	100	6.10	10
208046		1.48	<0.2	0.88	8	<10	270	<0.5	2	5.75	<0.5	12	5	21	2.95	10
208047		1.00	<0.2	4.11	12	<10	70	0.9	<2	7.2	<0.5	39	1	53	6.52	10
208048		0.95	<0.2	0.23	27	<10	120	0.6	2	22.4	0.6	14	4	24	4.20	<10
208049		2.10	<0.2	0.76	17	<10	20	0.7	<2	19.0	<0.5	13	34	28	5.09	<10
208050		1.60	<0.2	2.07	33	<10	950	1.4	2	7.7	<0.5	19	3	101	8.18	10
208051		1.10	1.3	0.47	512	<10	50	0.8	<2	8.1	<0.5	28	<1	318	6.35	<10
208052		1.20	1.6	0.16	93	<10	20	<0.5	<2	19.5	<0.5	9	<1	73	3.84	<10
208053		0.70	<0.2	2.09	7	<10	430	3.3	<2	5.61	<0.5	12	<1	143	4.57	<10
208054		0.32	<0.2	0.78	6	<10	230	1.1	<2	6.87	<0.5	10	4	25	2.27	<10
208055		0.79	0.2	0.49	4	<10	970	0.6	2	16.9	<0.5	3	4	50	3.58	<10



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Page: 2 - B  
 Total # Pages: 4 (A - C)  
 Finalized Date: 21-SEP-2010  
 Account: BCGOLD

**CERTIFICATE OF ANALYSIS TR10120299**

Sample Description	Method Analyte Units LOR	ME-ICP41														
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
208016		1	0.17	10	0.07	1495	6	0.01	15	1760	16	2.4	<2	10	536	<20
208017		1	0.35	20	1.50	1835	<1	0.04	13	4760	10	0.12	<2	19	513	<20
208018		1	0.13	20	0.35	1190	6	0.06	7	940	19	2.82	<2	7	275	<20
208019		3	0.20	20	0.38	493	2	0.04	4	510	13	2.07	2	2	138	<20
208020		5	0.38	<10	0.04	446	1	0.01	20	4740	80	>10.0	8	3	75	<20
208021		3	0.23	10	0.35	710	2	0.03	4	550	10	1.88	<2	2	225	<20
208022		3	0.15	10	0.03	395	75	0.01	7	660	40	6.2	3	1	385	<20
208023		1	0.12	10	0.18	4600	8	0.01	1	260	141	>10.0	3	4	683	<20
208024		3	0.10	<10	1.64	4440	113	0.01	2	80	282	>10.0	5	3	387	<20
208025		1	0.20	10	0.44	1150	1	0.03	3	1350	6	0.6	<2	10	293	<20
208026		1	0.27	30	0.67	1105	1	0.03	10	1110	35	1.62	<2	5	214	<20
208027		1	0.27	10	0.08	796	1	0.02	20	1230	6	2.51	2	8	133	<20
208028		1	0.15	20	1.00	1120	<1	0.04	6	1360	24	1.38	<2	7	189	<20
208029		1	0.22	20	0.61	1540	<1	0.04	6	1280	21	1.83	<2	6	185	<20
208030		1	0.27	20	0.05	885	1	0.03	6	1050	118	2.96	<2	3	236	<20
208031		1	0.25	20	0.05	605	2	0.04	5	1080	101	1.41	<2	4	69	<20
208032		1	0.28	<10	0.08	981	3	0.03	12	1970	24	6.6	2	5	172	<20
208033		2	0.40	20	0.09	180	98	0.01	21	3060	63	7.7	13	3	78	<20
208034		2	0.24	30	2.04	3220	28	0.02	39	3840	22	5.0	2	17	1060	<20
208035		2	0.28	10	0.46	503	20	0.01	49	2800	109	>10.0	16	6	98	<20
208036		1	0.34	30	2.28	3510	1	0.01	5	1770	25	3.50	4	11	234	<20
208037		1	0.33	10	2.64	3120	5	0.03	20	2800	581	4.32	6	11	181	<20
208038		1	0.11	10	3.75	5210	12	0.02	27	670	230	6.1	11	8	217	<20
208039		1	0.22	10	0.76	1260	2	0.04	10	2030	17	0.52	<2	9	305	<20
208040		1	0.22	20	0.43	1260	<1	0.06	6	1500	36	1.12	2	8	295	<20
208041		1	0.39	10	0.65	1580	<1	0.03	15	1960	4	0.15	<2	25	473	<20
208042		<1	0.23	10	1.77	1560	<1	0.05	7	2380	11	0.54	<2	15	364	<20
208043		<1	0.11	<10	1.41	1930	<1	0.03	<1	570	5	<0.01	<2	2	1700	<20
208044		1	0.22	20	1.04	1025	<1	0.06	4	1990	4	0.19	<2	11	374	<20
208045		<1	0.16	10	0.69	1460	1	0.04	9	2280	6	0.13	<2	14	316	<20
208046		1	0.04	10	0.39	836	7	0.09	4	800	11	0.95	<2	3	135	<20
208047		1	0.10	10	0.91	895	4	1.67	17	2520	39	2.30	<2	17	290	<20
208048		1	0.04	<10	1.15	2240	1	0.03	13	340	23	2.7	4	6	881	<20
208049		1	0.03	<10	0.49	1800	2	0.04	12	620	3	4.1	<2	8	303	<20
208050		1	0.15	10	0.76	1410	9	0.04	10	2660	10	0.24	<2	12	293	<20
208051		1	0.37	10	1.78	2490	17	0.02	10	2470	22	5.5	13	9	433	<20
208052		<1	0.12	30	0.10	2350	37	0.03	1	1350	20	3.7	3	5	3000	<20
208053		<1	0.51	40	0.83	1010	<1	0.03	4	3580	10	0.41	<2	8	503	<20
208054		<1	0.25	20	0.37	1135	1	0.04	6	1480	25	1.22	<2	6	533	<20
208055		1	0.13	10	4.01	3700	2	0.04	2	270	4	<0.01	<2	4	1380	<20



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Page: 2 - C  
Total # Pages: 4 (A - C)  
Finalized Date: 21-SEP-2010  
Account: BCGOLD

## CERTIFICATE OF ANALYSIS TR10120299

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-OG46	Au-AA23
		Ti	Tl	U	V	W	Zn	Zn	Au
		%	ppm	ppm	ppm	ppm	ppm	%	ppm
208016	<0.01	<10	<10	24	<10	64		0.014	
208017	0.02	<10	<10	174	<10	34		<0.005	
208018	<0.01	<10	<10	71	<10	71		<0.005	
208019	<0.01	<10	<10	14	<10	42		0.034	
208020	<0.01	<10	<10	35	<10	51		0.192	
208021	<0.01	<10	<10	14	<10	11		0.091	
208022	<0.01	10	<10	8	<10	72		0.501	
208023	<0.01	30	<10	19	10	2320		0.007	
208024	<0.01	<10	10	28	<10	267		0.038	
208025	<0.01	<10	<10	60	<10	24		<0.005	
208026	<0.01	<10	<10	33	<10	20		<0.005	
208027	<0.01	<10	<10	17	<10	66		<0.005	
208028	<0.01	<10	<10	109	<10	100		<0.005	
208029	<0.01	<10	<10	53	<10	77		<0.005	
208030	<0.01	<10	<10	15	<10	81		<0.005	
208031	<0.01	<10	<10	18	<10	50		<0.005	
208032	<0.01	<10	<10	21	<10	79		0.057	
208033	<0.01	20	<10	52	<10	131		0.905	
208034	<0.01	10	<10	53	10	853		0.192	
208035	<0.01	10	10	40	<10	122		0.122	
208036	0.01	<10	<10	56	<10	45		0.055	
208037	<0.01	10	<10	120	10	655		0.129	
208038	<0.01	30	10	98	10	907		0.120	
208039	<0.01	<10	<10	48	<10	111		<0.005	
208040	<0.01	<10	<10	48	<10	66		<0.005	
208041	<0.01	<10	<10	53	<10	64		<0.005	
208042	<0.01	<10	<10	60	<10	63		<0.005	
208043	<0.01	<10	10	12	<10	565		<0.005	
208044	0.02	<10	<10	120	<10	86		<0.005	
208045	<0.01	<10	<10	158	<10	164		<0.005	
208046	<0.01	<10	<10	84	<10	75		<0.005	
208047	0.01	<10	10	199	<10	101		<0.005	
208048	<0.01	<10	10	23	<10	377		<0.005	
208049	<0.01	<10	10	69	<10	140		<0.005	
208050	<0.01	<10	<10	118	<10	139		<0.005	
208051	0.01	<10	<10	64	<10	52		1.635	
208052	<0.01	<10	<10	30	<10	137		0.101	
208053	0.03	<10	<10	76	<10	130		<0.005	
208054	<0.01	<10	<10	34	<10	26		<0.005	
208055	<0.01	<10	<10	39	<10	86		<0.005	



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Page: 3 - A  
Total # Pages: 4 (A - C)  
Finalized Date: 21-SEP-2010  
Account: BCGOLD

CERTIFICATE OF ANALYSIS TR10120299

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt.	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm
		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
208056		2.99	0.3	0.64	86	<10	10	0.6	2	0.91	<0.5	24	2	141	5.62	<10
208057		0.80	<0.2	0.75	59	<10	<10	1.2	4	1.25	<0.5	30	<1	68	8.07	<10
208058		1.36	0.2	0.65	111	<10	10	0.8	2	1.36	<0.5	28	1	159	6.45	<10
208059		0.83	<0.2	0.25	8	<10	60	<0.5	<2	3.21	<0.5	5	2	60	2.20	<10
208060		0.90	2.3	0.22	106	<10	<10	<0.5	3	3.09	1.9	29	6	88	6.30	<10
208061		1.30	3.0	0.42	110	<10	10	<0.5	2	1.99	<0.5	29	4	129	6.69	<10
208062		0.48	2.0	0.45	350	<10	<10	0.5	<2	0.45	<0.5	38	4	439	12.15	<10
208063		0.79	2.8	0.41	69	<10	20	<0.5	<2	0.39	0.7	17	1	273	4.56	<10
208064		0.64	<0.2	1.90	5	<10	290	1.4	<2	10.6	<0.5	36	48	126	4.04	<10
208065		0.85	<0.2	0.43	4	<10	140	1.0	<2	5.94	<0.5	8	2	15	2.10	<10
208066		0.82	<0.2	0.07	8	<10	100	<0.5	<2	>25.0	<0.5	<1	2	3	0.60	<10
208067		1.31	<0.2	0.55	6	<10	760	1.0	<2	7.4	<0.5	11	5	70	2.99	<10
208068		1.25	<0.2	0.44	<2	<10	450	1.1	<2	4.40	<0.5	3	1	20	2.76	<10
208069		0.81	0.4	0.46	14	<10	160	1.1	<2	7.7	<0.5	10	2	77	2.44	<10
208070		0.52	<0.2	1.78	3	<10	1770	0.9	2	6.68	<0.5	24	217	66	6.19	<10
208071		1.65	0.2	1.47	20	<10	210	1.3	<2	10.1	<0.5	30	112	138	4.68	10
208072		0.83	<0.2	0.42	25	<10	150	0.7	<2	3.90	<0.5	9	4	34	3.09	<10
208073		0.94	0.3	0.36	9	<10	80	0.9	2	4.74	<0.5	8	2	23	2.87	<10
208074		0.89	53.9	0.34	80	<10	60	0.9	2	9.2	105.0	8	1	172	3.39	<10
208075		0.87	13.6	0.28	329	<10	10	<0.5	<2	0.14	<0.5	40	2	201	7.46	<10
208076		0.83	15.4	0.60	39	<10	160	0.7	<2	0.27	<0.5	4	1	38	2.42	<10
208077		0.63	2.2	0.38	287	<10	40	0.5	<2	0.55	0.7	31	6	116	6.48	<10
208078		0.44	1.2	0.37	276	<10	40	<0.5	<2	0.38	0.5	16	2	65	4.58	<10
208079		0.51	1.8	0.28	61	<10	20	<0.5	<2	0.94	<0.5	27	2	81	5.38	<10
208080		1.29	0.5	1.40	18	10	700	1.8	<2	4.05	0.7	18	6	114	5.42	10
208081		1.01	2.6	1.17	459	<10	40	2.2	<2	0.61	0.6	26	4	120	8.36	<10
208082		1.48	<0.2	1.28	23	<10	530	1.9	<2	4.57	<0.5	28	2	103	4.74	<10
208083		1.26	0.6	0.32	28	<10	400	<0.5	<2	0.03	<0.5	1	<1	14	1.50	<10
208084		0.89	<0.2	0.42	35	<10	80	0.5	<2	2.66	<0.5	12	1	190	3.07	<10
208085		1.19	<0.2	0.84	20	<10	320	1.2	<2	4.68	<0.5	24	4	171	5.74	<10
208086		0.96	<0.2	0.59	10	<10	510	1.1	<2	9.1	<0.5	25	15	103	6.41	<10
208087		0.61	<0.2	1.00	4	<10	140	1.5	<2	4.38	<0.5	6	2	31	2.28	<10
208088		0.85	<0.2	1.77	4	<10	180	0.6	<2	3.51	<0.5	17	14	42	5.76	10
208089		0.78	<0.2	0.61	3	<10	80	0.6	<2	21.9	<0.5	11	2	3	3.08	<10
208090		0.87	<0.2	0.26	3	<10	70	<0.5	<2	23.2	<0.5	4	<1	8	2.40	<10
208091		0.94	<0.2	0.42	7	<10	140	0.6	<2	0.46	<0.5	5	2	52	3.83	<10
208092		0.86	<0.2	1.01	6	<10	800	1.2	<2	3.70	<0.5	18	2	146	4.69	<10
208093		1.04	<0.2	0.78	38	<10	190	0.8	<2	6.47	<0.5	13	2	180	3.43	<10
208094		0.55	<0.2	0.36	12	<10	250	0.7	<2	0.20	<0.5	3	2	28	3.28	<10
208095		0.60	<0.2	0.28	7	<10	170	<0.5	<2	0.04	<0.5	3	2	30	2.79	<10



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Page: 3 - B  
Total # Pages: 4 (A - C)  
Finalized Date: 21-SEP-2010  
Account: BCGOLD

CERTIFICATE OF ANALYSIS TR10120299

Sample Description	Method Analyte Units LOR	ME-ICP41													
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	20
208056		1	0.39	<10	0.14	384	4	0.03	10	2160	27	6.0	3	8	71 <20
208057		1	0.41	<10	0.12	197	3	0.03	13	4120	11	9.2	3	7	170 <20
208058		3	0.38	<10	0.09	296	3	0.02	12	3310	12	7.5	4	5	314 <20
208059		<1	0.26	10	0.28	684	7	0.02	4	440	10	2.21	<2	3	192 <20
208060		3	0.24	10	0.47	1090	2	0.02	19	2450	178	7.2	4	8	144 <20
208061		2	0.35	10	0.20	795	5	0.02	19	4120	108	7.0	7	8	163 <20
208062		6	0.28	<10	0.04	238	16	0.03	17	990	63	>10.0	8	4	46 <20
208063		1	0.32	10	0.03	368	2	0.02	2	1720	41	5.04	3	1	62 <20
208064		<1	0.52	10	0.83	1615	<1	0.04	25	2240	12	0.58	<2	24	522 <20
208065		<1	0.19	30	0.29	1255	2	0.06	3	1040	12	1.21	<2	5	245 <20
208066		1	0.04	<10	0.11	630	3	0.03	<1	330	3	<0.01	2	1	680 <20
208067		<1	0.33	20	0.27	1195	1	0.05	4	1260	17	0.37	<2	7	246 <20
208068		<1	0.32	30	0.17	835	<1	0.04	4	1150	6	0.07	<2	5	175 <20
208069		<1	0.31	20	0.13	1220	<1	0.04	7	1530	28	1.78	<2	6	329 <20
208070		<1	1.18	20	3.57	1260	<1	0.07	109	2790	4	0.14	<2	21	521 <20
208071		<1	0.28	10	1.06	1185	1	0.03	79	2500	15	1.56	<2	28	625 <20
208072		<1	0.24	20	0.64	1100	<1	0.03	5	1370	16	1.96	<2	7	98 <20
208073		1	0.23	20	0.12	1355	<1	0.05	4	930	61	2.76	<2	4	256 <20
208074		5	0.25	20	0.60	2280	1	0.04	2	1090	1835	4.30	55	3	412 <20
208075		<1	0.27	30	0.03	153	135	0.01	25	710	74	8.4	9	2	65 <20
208076		<1	0.41	20	0.03	33	108	0.01	2	3790	75	1.26	2	4	216 <20
208077		1	0.31	20	0.04	89	30	0.01	19	3190	34	6.3	16	4	51 <20
208078		<1	0.34	20	0.03	33	15	0.01	9	2360	9	4.55	5	3	47 <20
208079		<1	0.27	10	0.07	241	78	0.01	15	2880	49	5.47	3	6	59 <20
208080		<1	0.49	20	1.20	2170	2	0.03	10	3100	25	0.41	2	28	168 <20
208081		<1	0.50	10	0.42	362	2	0.02	20	3490	73	7.9	9	17	39 <20
208082		<1	0.64	20	1.52	1820	12	0.02	11	3690	13	0.59	<2	13	182 <20
208083		<1	0.40	10	0.03	28	40	0.01	<1	700	19	0.60	<2	4	62 <20
208084		<1	0.31	10	0.47	1480	1	0.03	1	1900	6	2.81	<2	6	1220 <20
208085		<1	0.29	10	0.27	1500	1	0.05	9	2730	16	0.73	<2	14	92 <20
208086		<1	0.24	10	1.36	1600	<1	0.03	16	1910	6	0.52	<2	22	392 <20
208087		<1	0.27	30	0.16	738	1	0.03	3	1170	10	0.18	<2	3	165 <20
208088		<1	0.12	<10	1.88	1120	<1	0.05	8	1040	<2	0.34	<2	12	206 <20
208089		<1	0.28	<10	0.90	1765	<1	0.02	3	670	2	<0.01	<2	7	618 <20
208090		<1	0.11	<10	1.00	1005	<1	0.02	2	350	6	<0.01	<2	3	1460 <20
208091		<1	0.21	20	0.04	135	1	0.04	4	1490	29	1.77	<2	3	39 <20
208092		<1	0.26	10	0.42	1240	2	0.06	5	2850	8	0.25	<2	7	243 <20
208093		<1	0.21	10	0.79	1210	1	0.05	5	2350	8	0.40	<2	7	344 <20
208094		<1	0.26	20	0.02	177	4	0.06	3	1030	42	0.66	<2	2	99 <20
208095		<1	0.23	20	0.01	32	1	0.06	2	820	35	1.35	<2	2	54 <20



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Page: 3 - C  
Total # Pages: 4 (A - C)  
Finalized Date: 21-SEP-2010  
Account: BCGOLD

## CERTIFICATE OF ANALYSIS TR10120299

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-OG46	Au-AA23
		Ti	Tl	U	V	W	Zn	Zn	Au
		%	ppm	ppm	ppm	ppm	ppm	%	ppm
208056		0.01	<10	<10	54	10	38		0.031
208057		<0.01	<10	<10	37	<10	10		0.062
208058		<0.01	<10	<10	37	<10	115		0.044
208059		<0.01	<10	<10	11	<10	22		0.025
208060		<0.01	<10	<10	32	<10	471		0.068
208061		<0.01	<10	<10	66	<10	74		0.162
208062		<0.01	20	<10	26	<10	28		0.140
208063		<0.01	<10	<10	34	<10	140		0.012
208064		0.07	<10	<10	74	<10	48		<0.005
208065		<0.01	<10	<10	23	<10	23		<0.005
208066		<0.01	<10	20	2	<10	5		<0.005
208067		0.01	<10	<10	63	<10	33		<0.005
208068		<0.01	<10	<10	28	<10	29		<0.005
208069		<0.01	<10	<10	22	<10	25		<0.005
208070		0.27	<10	<10	178	<10	77		<0.005
208071		0.02	<10	<10	83	<10	43		<0.005
208072		<0.01	<10	<10	51	<10	20		<0.005
208073		<0.01	<10	<10	18	<10	22		<0.005
208074		<0.01	<10	<10	23	<10	>10000	1.670	0.157
208075		0.01	10	<10	19	<10	41		0.056
208076		<0.01	<10	<10	33	<10	13		0.429
208077		<0.01	20	<10	45	<10	95		0.683
208078		0.01	<10	<10	40	<10	79		0.562
208079		<0.01	<10	<10	30	<10	20		0.071
208080		0.05	<10	<10	154	10	122		0.007
208081		0.01	20	<10	74	<10	54		0.050
208082		0.03	<10	<10	111	<10	54		0.032
208083		<0.01	<10	<10	25	<10	5		0.075
208084		<0.01	<10	<10	58	<10	17		0.015
208085		<0.01	<10	<10	95	<10	67		0.005
208086		<0.01	<10	<10	78	<10	51		<0.005
208087		<0.01	<10	<10	37	<10	44		<0.005
208088		<0.01	<10	<10	139	<10	77		<0.005
208089		<0.01	<10	<10	44	<10	35		<0.005
208090		<0.01	<10	<10	21	<10	29		<0.005
208091		<0.01	<10	<10	14	<10	10		<0.005
208092		0.01	<10	<10	82	<10	63		0.005
208093		<0.01	<10	<10	47	<10	46		0.008
208094		<0.01	<10	<10	18	<10	9		<0.005
208095		<0.01	<10	<10	13	<10	3		<0.005



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Page: 4 - A  
Total # Pages: 4 (A - C)  
Finalized Date: 21-SEP-2010  
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CERTIFICATE OF ANALYSIS TR10120299

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt.	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm
		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
208096		0.65	<0.2	0.25	5	<10	50	<0.5	<2	>25.0	<0.5	3	3	3	1.45	<10
208097		0.69	<0.2	0.30	5	<10	110	0.6	<2	6.56	<0.5	12	39	45	2.52	<10
208098		0.92	<0.2	0.21	2	<10	1190	0.7	<2	11.1	3.5	4	3	23	2.13	<10
208099		0.99	<0.2	0.18	<2	<10	380	<0.5	<2	24.8	<0.5	7	2	9	2.94	<10
208100		1.12	<0.2	0.64	<2	<10	1050	0.8	<2	10.2	<0.5	16	3	79	4.92	<10
208101		0.98	<0.2	2.13	6	<10	130	1.1	<2	5.38	<0.5	13	3	144	4.66	10
208102		1.01	<0.2	0.26	22	<10	70	0.8	<2	10.5	<0.5	21	2	117	3.49	<10
208103		1.40	<0.2	0.65	26	<10	80	1.7	<2	9.3	3.2	23	1	146	7.20	<10
208104		1.11	0.3	0.28	6	<10	130	0.7	<2	7.0	<0.5	13	1	39	2.08	<10
208105		0.75	<0.2	0.89	2	<10	400	1.2	<2	3.97	<0.5	11	13	71	3.97	10
208106		0.96	<0.2	3.94	28	<10	40	1.3	<2	10.4	<0.5	99	1	96	10.55	10
208107		2.24	<0.2	1.48	6	<10	90	0.7	<2	10.2	<0.5	16	37	172	3.78	10
208108		3.71	<0.2	1.62	11	<10	90	0.8	<2	9.6	<0.5	19	37	78	4.11	10
208109		6.52	<0.2	1.60	14	<10	270	1.0	<2	11.0	<0.5	13	20	58	3.48	<10
208110		6.35	<0.2	1.38	10	<10	140	0.7	<2	11.9	<0.5	11	19	46	3.40	<10
208111		3.78	<0.2	2.49	9	<10	160	1.0	<2	6.19	<0.5	19	34	115	5.44	10
208112		5.90	<0.2	2.38	7	<10	160	1.0	<2	8.4	<0.5	21	38	125	5.42	10
208113		4.62	<0.2	1.57	6	<10	160	1.0	<2	10.2	<0.5	16	19	92	3.76	10
208114		4.44	<0.2	1.32	6	<10	60	1.2	<2	7.9	<0.5	16	14	98	3.97	<10
208115		3.77	<0.2	0.93	4	<10	310	1.0	<2	6.45	<0.5	9	4	48	2.58	<10
208116		3.45	<0.2	0.58	3	<10	170	0.9	<2	6.09	<0.5	6	3	62	2.22	<10
208117		2.12	<0.2	0.87	4	<10	120	1.2	<2	6.49	<0.5	7	2	27	2.64	<10
208118		0.87	0.2	0.19	9	<10	40	0.5	<2	2.82	<0.5	8	7	105	2.13	<10
208119		1.55	<0.2	0.37	8	<10	30	1.4	<2	9.3	<0.5	9	1	74	3.48	<10
208120		1.51	<0.2	1.38	2	<10	570	1.2	<2	14.4	3.0	7	27	57	3.20	10
208121		1.79	<0.2	0.28	4	<10	20	0.6	<2	5.33	<0.5	10	4	36	4.46	<10
208122		1.33	<0.2	0.35	8	<10	50	1.4	<2	9.6	<0.5	8	1	69	3.19	<10
208123		2.00	<0.2	2.60	3	<10	80	1.4	<2	4.29	<0.5	22	36	160	5.33	10
208124		1.37	<0.2	2.57	2	<10	40	<0.5	<2	3.54	<0.5	15	26	47	5.47	20
208151		0.65	0.2	0.38	14	<10	150	0.9	<2	4.72	<0.5	11	5	32	3.65	<10
208152		0.78	<0.2	0.72	19	<10	340	1.0	2	7.6	<0.5	32	60	93	5.85	<10
208153		1.19	0.2	1.60	3	<10	110	1.9	<2	5.75	<0.5	22	3	272	4.70	10
208154		1.47	<0.2	0.70	10	<10	100	1.2	<2	7.50	0.8	13	3	67	4.09	<10
208155		2.83	<0.2	1.26	5	<10	60	1.6	<2	6.40	<0.5	17	5	98	4.08	<10
208156		2.96	<0.2	1.63	5	<10	60	1.3	<2	7.6	<0.5	18	27	79	3.77	10
208157		2.54	<0.2	0.53	5	<10	40	0.8	<2	10.7	<0.5	9	2	23	2.91	<10
208158		1.52	<0.2	0.47	9	<10	50	1.1	<2	3.36	<0.5	14	3	91	3.92	<10
208159		0.50	<0.2	0.78	<2	<10	280	0.5	<2	1.73	<0.5	4	3	36	2.15	10
208160		1.40	<0.2	2.80	2	<10	220	2.8	<2	6.65	<0.5	14	1	214	5.67	10
208161		1.63	<0.2	0.35	10	<10	60	0.9	<2	5.54	<0.5	11	3	32	4.02	<10



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Page: 4 - B  
 Total # Pages: 4 (A - C)  
 Finalized Date: 21-SEP-2010  
 Account: BCGOLD

CERTIFICATE OF ANALYSIS TR10120299

Sample Description	Method Analyte Units LOR	ME-ICP41														
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
208096		<1	0.19	<10	0.38	1310	<1	0.02	1	610	3	<0.01	<2	4	647	<20
208097		<1	0.17	20	0.36	1035	4	0.05	15	830	18	0.52	<2	3	415	<20
208098		<1	0.15	20	0.96	1285	<1	0.03	3	370	731	0.20	<2	2	980	<20
208099		<1	0.06	<10	1.62	1920	<1	0.02	3	280	11	<0.01	<2	3	1400	<20
208100		<1	0.28	10	1.47	1405	<1	0.05	7	1840	5	0.09	<2	10	550	<20
208101		<1	0.17	30	1.18	1025	<1	0.06	3	2360	3	0.25	<2	6	252	<20
208102		<1	0.10	10	0.61	1600	1	0.07	7	2260	12	1.04	<2	12	316	<20
208103		2	0.21	10	0.33	1540	3	0.04	8	2970	25	4.88	<2	18	234	<20
208104		<1	0.18	20	0.15	947	2	0.03	7	1210	24	1.27	<2	5	327	<20
208105		<1	0.21	20	0.61	954	<1	0.05	8	1370	4	0.07	<2	5	290	<20
208106		2	0.08	<10	0.91	1070	6	1.60	35	1880	40	8.5	<2	15	280	<20
208107		<1	0.27	10	0.95	1635	11	0.06	24	970	12	1.60	<2	10	822	<20
208108		<1	0.28	20	1.02	1560	16	0.05	27	970	18	1.94	<2	12	747	<20
208109		<1	0.33	10	0.93	1815	6	0.04	13	890	13	1.22	<2	8	1020	<20
208110		<1	0.21	10	0.83	2210	6	0.04	13	870	22	1.28	<2	8	1220	<20
208111		<1	0.45	20	1.56	1255	8	0.05	31	950	19	1.54	<2	13	537	<20
208112		<1	0.56	20	1.48	1490	7	0.05	23	910	16	1.92	<2	13	639	<20
208113		<1	0.43	20	1.00	1840	8	0.05	22	880	13	1.74	<2	12	661	<20
208114		<1	0.33	20	1.03	1635	8	0.05	19	1120	18	2.15	<2	11	447	<20
208115		<1	0.22	10	0.52	1290	5	0.05	9	1110	18	1.19	<2	6	478	<20
208116		<1	0.20	20	0.22	1070	8	0.04	7	830	22	1.69	<2	4	494	<20
208117		<1	0.20	20	0.88	1935	7	0.04	6	740	21	1.12	<2	3	699	<20
208118		<1	0.10	10	0.61	1555	100	0.07	28	700	12	1.75	<2	4	138	<20
208119		<1	0.28	10	2.24	2860	6	0.03	6	1060	15	2.99	<2	2	863	<20
208120		<1	0.06	50	1.42	6280	66	0.03	62	710	94	0.68	<2	6	4790	<20
208121		<1	0.16	10	0.34	1255	9	0.05	10	1130	12	4.83	<2	3	294	<20
208122		<1	0.24	10	0.65	1805	3	0.02	6	1020	13	2.36	<2	3	937	<20
208123		<1	0.90	10	2.23	1175	11	0.06	15	1130	12	2.02	<2	14	338	<20
208124		<1	0.05	10	2.12	1235	<1	0.09	14	1750	<2	0.43	<2	12	76	<20
208151		<1	0.26	20	0.78	1515	7	0.03	10	1500	17	2.43	<2	6	138	<20
208152		<1	0.23	20	2.27	1045	<1	0.04	63	3270	<2	0.45	<2	19	605	<20
208153		<1	0.37	10	0.87	1470	<1	0.03	7	3120	6	0.37	<2	10	305	<20
208154		<1	0.24	20	0.26	1015	4	0.04	10	1280	35	3.74	<2	7	381	<20
208155		<1	0.28	20	0.71	1575	4	0.04	9	2500	7	1.22	<2	9	486	<20
208156		<1	0.34	20	0.79	1260	5	0.04	26	970	9	1.10	<2	14	314	<20
208157		<1	0.21	20	0.31	1635	3	0.04	11	1190	25	2.70	<2	6	638	<20
208158		<1	0.26	10	0.06	819	9	0.03	11	1420	13	2.51	<2	4	158	<20
208159		<1	0.08	30	0.35	394	<1	0.08	1	1440	<2	0.13	<2	2	78	<20
208160		<1	0.42	20	1.23	1565	<1	0.03	7	3070	<2	0.06	<2	14	634	<20
208161		<1	0.23	10	0.24	1555	3	0.04	8	1320	25	4.13	<2	4	287	<20



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Page: 4 - C  
Total # Pages: 4 (A - C)  
Finalized Date: 21-SEP-2010  
Account: BCGOLD

## CERTIFICATE OF ANALYSIS TR10120299

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-OG46	Au-AA23
		Ti	Tl	U	V	W	Zn	Zn	Au
		%	ppm	ppm	ppm	ppm	ppm	%	ppm
208096		<0.01	<10	<10	19	<10	28	<0.005	
208097		0.01	<10	<10	26	<10	54	<0.005	
208098		<0.01	<10	<10	11	<10	1390	<0.005	
208099		<0.01	<10	<10	27	<10	87	<0.005	
208100		0.01	<10	<10	60	<10	74	<0.005	
208101		<0.01	<10	<10	161	<10	72	<0.005	
208102		<0.01	<10	<10	67	<10	28	<0.005	
208103		<0.01	10	<10	72	<10	>10000	1.270	<0.005
208104		<0.01	<10	<10	17	<10	48	<0.005	
208105		0.01	<10	<10	110	<10	83	<0.005	
208106		0.01	<10	<10	167	<10	84	0.005	
208107		0.03	<10	<10	78	<10	82	<0.005	
208108		0.04	<10	<10	75	<10	70	<0.005	
208109		0.03	<10	<10	56	<10	60	<0.005	
208110		0.01	<10	<10	55	<10	63	<0.005	
208111		0.04	<10	<10	98	<10	93	<0.005	
208112		0.07	<10	<10	104	<10	81	<0.005	
208113		0.04	<10	<10	61	<10	51	<0.005	
208114		0.01	<10	<10	52	<10	60	<0.005	
208115		<0.01	<10	<10	37	<10	30	<0.005	
208116		<0.01	<10	<10	18	<10	15	<0.005	
208117		<0.01	<10	<10	24	<10	42	<0.005	
208118		<0.01	<10	<10	12	<10	64	0.006	
208119		<0.01	<10	<10	15	<10	104	0.009	
208120		0.01	<10	<10	150	<10	524	0.009	
208121		<0.01	<10	<10	15	<10	29	<0.005	
208122		<0.01	<10	<10	10	<10	31	0.005	
208123		0.20	<10	<10	139	<10	71	0.007	
208124		0.47	<10	<10	191	<10	106	<0.005	
208151		0.01	<10	<10	44	<10	144	0.005	
208152		<0.01	<10	<10	114	<10	92	0.007	
208153		<0.01	<10	<10	64	<10	68	<0.005	
208154		<0.01	<10	<10	25	<10	208	0.012	
208155		0.01	<10	<10	55	<10	34	<0.005	
208156		0.01	<10	<10	65	<10	64	<0.005	
208157		<0.01	<10	<10	18	<10	13	<0.005	
208158		<0.01	<10	<10	19	<10	23	0.008	
208159		<0.01	<10	<10	37	<10	38	<0.005	
208160		0.01	<10	<10	111	<10	73	<0.005	
208161		<0.01	<10	<10	16	<10	37	<0.005	



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Page: 1  
Finalized Date: 21-SEP-2010  
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## QC CERTIFICATE TR10120299

Project:  
P.O. No.: 10-01  
This report is for 120 GRAB samples submitted to our lab in Terrace, BC, Canada on  
7-SEP-2010.

The following have access to data associated with this certificate:

BRUCE COATES

B. FOWLER

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login – Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing – 70% <2mm
SPL-21	Split sample – riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Zn-OG46	Ore Grade Zn – Aqua Regia	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements – AquaRegia	ICP-AES

To: B.C. GOLD CORP.  
ATTN: BRUCE COATES  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

**Signature:**   
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
Total # Pages: 5 (A - C)  
Finalized Date: 21-SEP-2010  
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Page: 2 - B  
Total # Pages: 5 (A - C)  
Finalized Date: 21-SEP-2010  
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Page: 2 - C  
Total # Pages: 5 (A - C)  
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Page: 3 - A  
Total # Pages: 5 (A - C)  
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Page: 3 - B  
Total # Pages: 5 (A - C)  
Finalized Date: 21-SEP-2010  
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Page: 3 - C  
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Page: 4 - A  
Total # Pages: 5 (A - C)  
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Page: 4 - B  
Total # Pages: 5 (A - C)  
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Page: 4 - C  
Total # Pages: 5 (A - C)  
Finalized Date: 21-SEP-2010  
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**QC CERTIFICATE OF ANALYSIS TR10120299**

Sample Description	Method Analyte Units LOR	ME-ICP41 TI ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Ag-OG46 Ag ppm 1	Cu-OG46 Cu % 0.001	Pb-OG46 Pb % 0.001	Zn-OG46 Zn % 0.001	Au-AA23 Au ppm 0.005	
		<b>DUPLICATES</b>										
208019 DUP Target Range – Lower Bound Upper Bound											0.034 0.036 0.028 0.042	
208039 DUP Target Range – Lower Bound Upper Bound											<0.005 <0.005 <0.005 0.010	
208048 DUP Target Range – Lower Bound Upper Bound		<10 <10 20	10 10 20	23 22 25	<10 <10 20	377 393 406						
208074 DUP Target Range – Lower Bound Upper Bound							54 52 56	0.019 0.018 0.020	0.194 0.188 0.200	1.670 1.670 1.625 1.715		
208077 DUP Target Range – Lower Bound Upper Bound											0.683 0.679 0.642 0.720	
208084 DUP Target Range – Lower Bound Upper Bound		<10 <10 20	<10 <10 20	58 60 63	<10 <10 20	17 19 21						
208097 DUP Target Range – Lower Bound Upper Bound											<0.005 <0.005 <0.005 0.010	
208117 DUP Target Range – Lower Bound Upper Bound											<0.005 <0.005 <0.005 0.010	



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Page: 5 - A  
Total # Pages: 5 (A - C)  
Finalized Date: 21-SEP-2010  
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QC CERTIFICATE OF ANALYSIS TR10120299

Sample Description	Method Analyte Units LOR	ME-ICP41														
		Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm
<b>DUPLICATES</b>																
208120		<0.2	1.38	2	<10	570	1.2	<2	14.4	3.0	7	27	57	3.20	10	<1
DUP		<0.2	1.33	<2	<10	610	1.1	<2	14.00	3.2	7	27	56	3.09	<10	<1
Target Range – Lower Bound		<0.2	1.28	<2	<10	540	0.6	<2	13.50	2.4	6	25	53	2.98	<10	<1
Upper Bound		0.4	1.43	4	20	640	1.7	4	14.90	3.8	8	29	60	3.31	20	2
ORIGINAL																
DUP																
Target Range – Lower Bound																
ORIGINAL																
DUP																
Target Range – Lower Bound																
ORIGINAL		<0.2	1.06	<2	<10	80	<0.5	<2	0.14	<0.5	4	16	7	1.35	<10	<1
DUP		0.2	1.07	3	<10	80	<0.5	<2	0.15	<0.5	4	17	11	1.37	<10	1
Target Range – Lower Bound		<0.2	1.00	<2	<10	60	<0.5	<2	0.13	<0.5	3	15	8	1.28	<10	<1
Upper Bound		0.4	1.13	4	20	100	1.0	4	0.16	1.0	5	18	10	1.44	20	2
ORIGINAL																
DUP																
Target Range – Lower Bound																
ORIGINAL		2.2	1.28	576	<10	110	1.4	<2	1.89	7.4	7	9	37	2.97	<10	1
DUP		2.2	1.30	560	<10	110	1.4	<2	1.88	7.4	7	9	36	2.93	<10	1
Target Range – Lower Bound		1.9	1.22	538	<10	90	0.8	<2	1.78	6.5	6	8	34	2.79	<10	<1
Upper Bound		2.5	1.36	598	20	130	2.0	4	1.99	8.3	8	10	39	3.11	20	2
<b>PREP DUPLICATES</b>																
208066		<0.2	0.07	8	<10	100	<0.5	<2	>25.0	<0.5	<1	2	3	0.60	<10	1
208066 PREP DUP		<0.2	0.07	2	<10	100	<0.5	<2	>25.0	<0.5	1	2	2	0.59	<10	<1
208116		<0.2	0.58	3	<10	170	0.9	<2	6.09	<0.5	6	3	62	2.22	<10	<1
208116 PREP DUP		<0.2	0.57	5	<10	110	0.9	<2	6.13	<0.5	6	2	60	2.17	<10	<1



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Page: 5 - B  
Total # Pages: 5 (A - C)  
Finalized Date: 21-SEP-2010  
Account: BCGOLD

### QC CERTIFICATE OF ANALYSIS TR10120299

Sample Description	Method Analyte Units LOR	ME-ICP41														
		K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	0.01
<b>DUPLICATES</b>																
208120		0.06	50	1.42	6280	66	0.03	62	710	94	0.68	<2	6	4790	<20	0.01
DUP		0.06	50	1.36	6060	63	0.03	60	680	93	0.66	<2	6	4620	<20	0.01
Target Range – Lower Bound		0.05	40	1.31	5860	60	0.02	57	650	87	0.63	<2	5	4470	<20	<0.01
Upper Bound		0.07	60	1.47	6480	69	0.04	65	740	100	0.71	4	7	4940	40	0.02
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																
ORIGINAL		0.07	<10	0.20	168	<1	0.02	11	160	4	<0.01	<2	1	14	<20	0.07
DUP		0.07	10	0.21	174	<1	0.02	11	160	4	0.01	<2	1	15	<20	0.07
Target Range – Lower Bound		0.06	<10	0.18	157	<1	<0.01	9	140	<2	<0.01	<2	<1	13	<20	0.06
Upper Bound		0.08	20	0.23	185	2	0.03	13	180	6	0.02	4	2	16	40	0.08
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																
ORIGINAL		0.20	10	0.43	656	2	0.13	8	260	567	0.16	246	3	204	<20	0.02
DUP		0.20	10	0.44	655	2	0.13	7	260	558	0.15	242	3	202	<20	0.02
Target Range – Lower Bound		0.18	<10	0.40	618	<1	0.11	6	240	532	0.14	224	2	192	<20	<0.01
Upper Bound		0.22	20	0.47	693	3	0.15	9	280	593	0.17	264	4	214	40	0.03
<b>PREP DUPLICATES</b>																
208066		0.04	<10	0.11	630	3	0.03	<1	330	3	<0.01	2	1	680	<20	<0.01
208066 PREP DUP		0.04	<10	0.09	627	2	0.01	1	320	<2	<0.01	<2	1	676	<20	<0.01
208116		0.20	20	0.22	1070	8	0.04	7	830	22	1.69	<2	4	494	<20	<0.01
208116 PREP DUP		0.20	20	0.22	1035	8	0.04	4	820	19	1.67	<2	4	495	<20	<0.01



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Page: 5 - C  
Total # Pages: 5 (A - C)  
Finalized Date: 21-SEP-2010  
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### QC CERTIFICATE OF ANALYSIS TR10120299

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Cu-OG46	Pb-OG46	Zn-OG46	Au-AA23
	Analyte Units LOR	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Ag ppm	Cu %	Pb %	Zn %	Au ppm
		10	10	1	10	2	1	0.001	0.001	0.001	0.005
<b>DUPLICATES</b>											
208120	DUP	<10	<10	150	<10	524					
		<10	<10	148	<10	534					
	Target Range – Lower Bound	<10	<10	141	<10	501					
	Upper Bound	20	20	157	20	557					
ORIGINAL	DUP							0.009			
								0.012			
	Target Range – Lower Bound							<0.005			
	Upper Bound							0.016			
ORIGINAL	DUP							>10.0			
								>10.0			
	Target Range – Lower Bound							9.50			
	Upper Bound							10.00			
ORIGINAL	DUP	<10	<10	25	<10	23					
		<10	<10	26	<10	25					
	Target Range – Lower Bound	<10	<10	23	<10	21					
	Upper Bound	20	20	28	20	27					
ORIGINAL	DUP							<0.005			
								<0.005			
	Target Range – Lower Bound							<0.005			
	Upper Bound							0.010			
ORIGINAL	DUP	<10	<10	68	10	2140					
		<10	<10	67	10	2130					
	Target Range – Lower Bound	<10	<10	63	<10	2030					
	Upper Bound	20	20	72	20	2240					
<b>PREP DUPLICATES</b>											
208066		<10	20	2	<10	5					
208066 PREP DUP		<10	10	2	<10	4					
208116		<10	<10	18	<10	15					
208116 PREP DUP		<10	<10	18	<10	13					
								<0.005			
								<0.005			



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Page: 1  
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## CERTIFICATE TR10128297

Project:  
P.O. No.:  
This report is for 40 Rock samples submitted to our lab in Terrace, BC, Canada on  
9-SEP-2010.

The following have access to data associated with this certificate:

B COATES

B. FOWLER

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login – Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing – 70% <2mm
SPL-21	Split sample – riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: BC GOLD CORP.  
ATTN: B COATES  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

**Signature:**   
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
Total # Pages: 2 (A - C)  
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CERTIFICATE OF ANALYSIS TR10128297

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt.	Au-AA23 Au	ME-ICP41 Ag	ME-ICP41 Al	ME-ICP41 As	ME-ICP41 B	ME-ICP41 Ba	ME-ICP41 Be	ME-ICP41 Bi	ME-ICP41 Ca	ME-ICP41 Cd	ME-ICP41 Co	ME-ICP41 Cr	ME-ICP41 Cu	ME-ICP41 Fe
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
208125		1.06	<0.005	<0.2	2.25	2	<10	110	1.1	<2	8.3	<0.5	31	114	99	6.16
208126		0.74	<0.005	<0.2	0.42	5	<10	120	1.4	<2	8.3	<0.5	4	6	27	2.53
208127		1.06	<0.005	<0.2	2.12	<2	<10	1670	2.0	2	6.77	<0.5	31	133	101	6.94
208128		1.05	0.007	<0.2	2.33	9	<10	50	1.3	2	4.89	<0.5	23	9	287	6.31
208129		0.94	0.027	1.8	0.64	50	<10	20	0.7	<2	1.63	0.6	26	6	103	7.61
208130		1.22	0.231	1.8	0.06	40	<10	20	<0.5	<2	0.04	<0.5	12	9	135	3.54
208131		1.30	<0.005	0.4	0.46	10	<10	20	<0.5	<2	0.85	<0.5	22	3	33	5.52
208132		1.02	0.070	0.7	0.97	14	<10	20	1.4	2	3.37	4.8	28	4	334	8.31
208133		1.38	0.047	0.7	0.78	8	<10	60	1.5	<2	6.07	<0.5	26	3	519	4.50
208134		1.13	<0.005	0.3	0.11	463	<10	20	1.1	<2	13.3	6.1	2	5	30	4.54
208135		1.14	0.012	0.5	0.62	26	<10	40	1.4	<2	4.95	<0.5	18	3	168	4.44
208136		0.92	0.011	<0.2	0.57	8	<10	330	0.8	<2	2.52	2.0	3	4	79	0.89
208137		1.47	0.093	0.5	0.38	38	<10	30	<0.5	<2	6.49	1.4	29	4	107	3.64
208138		1.37	0.315	6.3	0.20	398	<10	10	<0.5	<2	13.7	19.2	3	3	127	8.25
208139		1.29	0.007	0.2	1.13	18	<10	40	2.0	<2	11.3	<0.5	25	5	128	3.53
208140		1.43	0.023	0.4	0.75	44	<10	20	1.2	<2	12.0	<0.5	18	4	92	4.66
208141		1.12	0.024	0.5	0.81	12	<10	60	1.4	<2	4.61	<0.5	25	4	228	6.09
208142		0.82	<0.005	<0.2	0.07	6	<10	160	<0.5	<2	>25.0	<0.5	<1	1	6	0.93
208143		1.15	0.231	0.6	0.34	23	<10	110	0.6	<2	1.22	<0.5	8	4	1575	2.39
208144		1.04	<0.005	0.3	1.45	9	<10	190	1.1	<2	4.38	<0.5	13	14	223	4.96
208162		0.98	0.008	0.5	2.22	17	<10	130	0.8	<2	3.40	<0.5	17	8	224	5.15
208163		1.66	0.019	0.3	0.49	321	<10	40	1.0	<2	5.60	0.5	15	8	56	6.33
208164		0.63	0.226	6.2	0.24	731	<10	10	<0.5	<2	4.04	1.5	<1	2	137	21.9
208165		0.77	0.017	0.4	0.47	38	<10	50	0.9	<2	6.73	<0.5	25	10	189	5.11
208166		1.45	0.010	0.5	0.26	1580	<10	30	0.7	<2	11.9	0.7	4	5	45	13.25
208167		1.10	0.005	0.6	0.72	10	<10	100	1.4	<2	5.22	<0.5	17	2	289	4.95
208168		0.74	0.016	0.3	0.37	15	<10	40	0.6	<2	3.89	<0.5	13	6	53	3.62
208169		1.09	0.010	0.7	0.49	17	<10	10	0.7	<2	3.16	<0.5	17	8	122	5.20
208170		0.92	0.024	0.8	0.69	28	<10	10	0.8	<2	1.11	<0.5	27	3	202	5.74
208171		0.73	<0.005	<0.2	0.59	<2	<10	1010	1.5	<2	4.44	<0.5	6	1	131	4.14
208172		0.82	0.012	<0.2	0.71	12	<10	20	1.2	<2	3.14	<0.5	28	2	34	6.50
208173		1.02	0.837	2.2	0.46	232	<10	20	<0.5	<2	0.25	4.4	21	3	125	5.02
208174		1.15	0.037	1.5	0.44	104	<10	10	0.5	<2	6.42	8.2	19	7	345	6.43
208175		1.06	0.005	0.2	0.55	33	<10	20	0.8	<2	5.82	<0.5	22	6	141	4.98
208176		1.05	<0.005	<0.2	0.54	18	<10	20	0.6	<2	4.25	2.7	27	6	233	6.05
208177		1.55	0.049	0.9	0.59	43	<10	30	0.7	<2	2.50	1.1	23	4	118	5.58
208178		1.40	0.025	0.9	0.71	30	<10	20	1.1	<2	3.47	<0.5	24	2	244	5.71
208179		0.78	0.005	<0.2	0.23	12	<10	100	<0.5	<2	3.77	<0.5	4	5	62	1.93
208180		1.39	0.025	1.2	0.30	5	<10	120	<0.5	<2	0.09	<0.5	2	4	48	1.83
208181		0.92	0.020	1.7	0.20	17	<10	80	<0.5	<2	0.43	<0.5	3	3	36	2.84



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Page: 2 - B  
Total # Pages: 2 (A - C)  
Finalized Date: 20-SEP-2010  
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CERTIFICATE OF ANALYSIS TR10128297

Sample Description	Method Analyte Units LOR	ME-ICP41														
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
208125		10	<1	0.13	10	3.75	1240	<1	0.04	75	3320	5	0.02	<2	22	808
208126		<10	<1	0.23	10	0.20	1020	<1	0.02	5	330	6	0.01	<2	5	239
208127		10	<1	0.14	10	2.89	1295	<1	0.07	46	3520	6	0.06	<2	26	773
208128		10	<1	0.24	10	3.31	3010	1	0.03	13	4270	11	1.35	<2	14	201
208129		<10	1	0.35	<10	0.42	622	6	0.04	17	3610	122	8.7	<2	5	76
208130		<10	1	0.04	<10	0.01	50	2	0.01	8	110	101	3.63	2	<1	222
208131		<10	<1	0.23	<10	0.15	182	4	0.01	11	2570	45	6.2	<2	1	77
208132		<10	<1	0.54	10	1.17	1775	2	0.03	15	4300	87	9.5	<2	8	100
208133		<10	<1	0.51	20	2.12	3200	16	0.02	17	4120	40	2.58	<2	14	131
208134		<10	1	0.05	10	4.91	9480	3	0.03	5	280	56	4.91	2	3	222
208135		<10	<1	0.41	20	1.35	2010	4	0.03	12	3420	30	2.66	<2	16	122
208136		<10	<1	0.36	10	0.06	611	8	0.02	3	600	61	0.84	<2	1	110
208137		<10	<1	0.21	10	0.08	1565	84	0.05	17	2490	50	4.46	<2	5	172
208138		<10	3	0.12	<10	0.05	3540	7	0.02	<1	380	271	>10.0	4	2	153
208139		<10	<1	0.75	20	1.20	2460	4	0.02	13	3590	29	2.69	<2	21	293
208140		<10	<1	0.45	10	0.21	3290	3	0.02	13	2150	111	6.1	<2	13	228
208141		<10	<1	0.47	20	0.28	1320	2	0.02	13	3240	19	7.0	<2	13	148
208142		<10	1	0.04	10	0.73	2030	1	0.02	<1	70	7	<0.01	<2	1	1235
208143		<10	<1	0.17	20	0.09	466	3	0.06	4	800	21	2.05	2	2	93
208144		<10	1	0.21	20	0.63	1495	6	0.04	9	1290	17	1.77	<2	9	285
208162		10	<1	0.16	10	2.75	1900	3	0.06	9	3390	34	1.36	2	9	101
208163		<10	1	0.30	10	0.08	1525	2	0.03	12	2150	72	7.1	<2	4	113
208164		<10	16	0.17	<10	0.04	1135	3	0.03	<1	490	473	>10.0	58	2	147
208165		<10	<1	0.25	10	0.23	1505	3	0.03	18	2920	22	6.3	3	15	245
208166		<10	1	0.17	10	0.06	3080	2	0.02	1	1030	148	>10.0	5	4	140
208167		<10	1	0.46	10	2.33	2870	1	0.03	7	3760	19	1.27	2	13	186
208168		<10	<1	0.26	<10	1.27	1495	5	0.02	6	2000	34	2.40	2	2	131
208169		<10	<1	0.23	10	0.58	1110	3	0.05	15	3940	44	5.5	3	6	99
208170		<10	1	0.40	<10	0.06	167	6	0.03	14	3810	76	6.6	3	4	80
208171		<10	<1	0.47	20	0.80	1290	2	0.04	<1	2970	<2	0.11	<2	6	158
208172		<10	<1	0.45	<10	1.22	900	3	0.02	9	3540	15	6.2	<2	7	71
208173		<10	13	0.29	<10	0.03	140	3	0.02	6	1000	264	6.2	14	1	39
208174		<10	2	0.21	20	1.17	2830	2	0.06	12	4040	270	7.7	4	10	134
208175		<10	1	0.25	10	0.87	2070	2	0.05	10	4280	25	5.4	4	12	139
208176		<10	1	0.25	10	0.22	1085	3	0.05	12	4320	27	7.3	2	7	98
208177		<10	<1	0.31	10	0.54	965	8	0.02	9	3260	37	4.06	3	10	150
208178		<10	<1	0.38	10	0.46	1850	5	0.02	9	3320	53	3.78	<2	7	126
208179		<10	<1	0.14	10	0.05	996	8	0.04	7	460	12	2.00	<2	1	230
208180		<10	1	0.18	20	0.02	57	6	0.07	<1	100	75	1.74	<2	<1	43
208181		<10	<1	0.10	10	0.01	222	3	0.10	<1	240	98	3.10	2	<1	46



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Page: 2 - C  
Total # Pages: 2 (A - C)  
Finalized Date: 20-SEP-2010  
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## CERTIFICATE OF ANALYSIS TR10128297

Sample Description	Method	ME-ICP41							
	Analyte	Th	Ti	Tl	U	V	W	Zn	
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	LOR
208125		<20	0.09	<10	<10	137	<10	92	
208126		<20	0.01	<10	<10	87	<10	30	
208127		<20	0.06	<10	<10	228	<10	105	
208128		<20	<0.01	<10	<10	182	<10	139	
208129		<20	<0.01	<10	<10	44	<10	123	
208130		<20	<0.01	<10	<10	3	<10	91	
208131		<20	<0.01	<10	<10	16	<10	84	
208132		<20	<0.01	<10	<10	76	<10	838	
208133		<20	<0.01	<10	<10	53	<10	61	
208134		<20	<0.01	30	<10	11	<10	2500	
208135		<20	<0.01	<10	<10	61	<10	153	
208136		<20	<0.01	<10	<10	9	<10	307	
208137		<20	<0.01	<10	<10	19	<10	473	
208138		<20	<0.01	20	<10	11	<10	3330	
208139		<20	0.03	<10	<10	78	<10	46	
208140		<20	0.01	<10	<10	43	<10	19	
208141		<20	0.01	<10	<10	70	<10	70	
208142		<20	<0.01	<10	<10	2	<10	14	
208143		<20	<0.01	<10	<10	20	<10	23	
208144		<20	<0.01	<10	<10	80	<10	62	
208162		<20	0.05	<10	<10	157	<10	120	
208163		<20	<0.01	20	<10	28	<10	536	
208164		<20	<0.01	100	<10	17	<10	1005	
208165		<20	<0.01	<10	<10	37	<10	23	
208166		<20	<0.01	100	<10	26	<10	503	
208167		<20	<0.01	<10	<10	52	<10	142	
208168		<20	<0.01	<10	<10	18	<10	139	
208169		<20	<0.01	<10	<10	94	<10	71	
208170		<20	<0.01	<10	<10	34	<10	26	
208171		<20	0.02	<10	<10	73	<10	48	
208172		<20	<0.01	<10	<10	46	<10	50	
208173		<20	<0.01	20	<10	36	<10	881	
208174		<20	<0.01	10	<10	83	<10	2000	
208175		<20	<0.01	<10	<10	112	<10	56	
208176		<20	<0.01	<10	<10	66	10	627	
208177		<20	<0.01	<10	<10	48	<10	202	
208178		<20	<0.01	<10	<10	48	<10	51	
208179		<20	<0.01	<10	<10	10	<10	94	
208180		<20	<0.01	<10	<10	8	<10	26	
208181		<20	<0.01	<10	<10	13	<10	16	



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To: **B.C. GOLD CORP.**  
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**VANCOUVER BC V6C 2T6**

Page: 1  
Finalized Date: 20-SEP-2010  
This copy reported on  
10-JAN-2011  
Account: BCGOLD

## QC CERTIFICATE TR10128297

Project:

P.O. No.:

This report is for 40 Rock samples submitted to our lab in Terrace, BC, Canada on 9-SEP-2010.

The following have access to data associated with this certificate:

BRUCE COATES

B. FOWLER

### SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login – Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing – 70% <2mm
SPL-21	Split sample – riffle splitter
PUL-31	Pulverize split to 85% <75 um

### ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

To: **B.C. GOLD CORP.**  
**ATTN: BRUCE COATES**  
**#1400-625 HOWE ST.**  
**VANCOUVER BC V6C 2T6**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

**Signature:**

  
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
Total # Pages: 5 (A - C)  
Finalized Date: 20-SEP-2010  
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Page: 2 - B  
Total # Pages: 5 (A - C)  
Finalized Date: 20-SEP-2010  
Account: BCGOLD

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VANCOUVER BC V6C 2T6

Page: 2 - C  
Total # Pages: 5 (A - C)  
Finalized Date: 20-SEP-2010  
Account: BCGOLD

## QC CERTIFICATE OF ANALYSIS TR10128297

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
<b>STANDARDS</b>							
GBM908-5		0.17	<10	<10	26	<10	223
Target Range – Lower Bound		0.13	<10	<10	22	<10	207
Upper Bound		0.19	20	20	29	20	257
MRGeo08		0.39	<10	<10	101	<10	751
Target Range – Lower Bound		0.35	<10	<10	93	<10	701
Upper Bound		0.44	20	20	115	20	861
OGGeo08		0.31	<10	<10	80	<10	6760
Target Range – Lower Bound		0.28	<10	<10	73	<10	6390
Upper Bound		0.37	20	20	92	20	7820
OREAS-45P		0.22	<10	<10	241	<10	117
Target Range – Lower Bound		0.19	<10	<10	208	<10	108
Upper Bound		0.25	20	20	256	20	136
OREAS-60b							
OREAS-60b							
OREAS-60b							
OREAS-60b							
Target Range – Lower Bound							
Upper Bound							
OxC58							
OxC58							
OxC58							
OxC58							
Target Range – Lower Bound							
Upper Bound							
OXD73							
Target Range – Lower Bound							
Upper Bound							
SL34							
Target Range – Lower Bound							
Upper Bound							



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Page: 3 - A  
Total # Pages: 5 (A - C)  
Finalized Date: 20-SEP-2010  
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Page: 3 - B  
Total # Pages: 5 (A - C)  
Finalized Date: 20-SEP-2010  
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Page: 4 - A  
Total # Pages: 5 (A - C)  
Finalized Date: 20-SEP-2010  
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Page: 4 - B  
Total # Pages: 5 (A - C)  
Finalized Date: 20-SEP-2010  
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VANCOUVER BC V6C 2T6

Page: 4 - C  
Total # Pages: 5 (A - C)  
Finalized Date: 20-SEP-2010  
Account: BCGOLD

## QC CERTIFICATE OF ANALYSIS TR10128297

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
0.01	10	10	1	10	2		
ORIGINAL DUP Target Range – Lower Bound Upper Bound							
ORIGINAL DUP Target Range – Lower Bound Upper Bound							
ORIGINAL DUP Target Range – Lower Bound Upper Bound							
ORIGINAL DUP Target Range – Lower Bound Upper Bound							
ORIGINAL DUP Target Range – Lower Bound Upper Bound		0.39	<10	<10	178	<10	35
		0.38	<10	<10	176	<10	42
		0.36	<10	<10	167	<10	35
		0.41	20	20	187	20	42
208132 DUP Target Range – Lower Bound Upper Bound							
208142 DUP Target Range – Lower Bound Upper Bound		<0.01	<10	<10	2	<10	14
		<0.01	<10	<10	2	<10	12
		<0.01	<10	<10	<1	<10	10
		0.02	20	20	3	20	16
208167 DUP Target Range – Lower Bound Upper Bound							



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Page: 5 - A  
Total # Pages: 5 (A - C)  
Finalized Date: 20-SEP-2010  
Account: BCGOLD

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Page: 5 - B  
Total # Pages: 5 (A - C)  
Finalized Date: 20-SEP-2010  
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Page: 1  
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Account: BCGOLD

## CERTIFICATE TR10128298

Project:  
P.O. No.:  
This report is for 14 Soil samples submitted to our lab in Terrace, BC, Canada on  
9-SEP-2010.

The following have access to data associated with this certificate:

B COATES

B. FOWLER

### SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login – Rcd w/o BarCode
SCR-41	Screen to -180um and save both

### ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: BC GOLD CORP.  
ATTN: B COATES  
#1400-625 HOWE ST.  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
Total # Pages: 2 (A - C)  
Finalized Date: 19-SEP-2010  
Account: BCGOLD

CERTIFICATE OF ANALYSIS TR10128298

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm
208201		0.22	0.2	1.02	18	<10	330	2.1	<2	0.86	<0.5	21	8	118	5.20	10
208202		0.18	<0.2	0.46	15	<10	430	0.7	<2	0.60	<0.5	11	17	72	4.85	<10
208203		0.24	0.2	0.58	16	<10	600	0.9	<2	0.37	<0.5	15	19	106	5.79	<10
208204		0.18	0.3	1.09	16	<10	350	2.0	<2	0.70	<0.5	19	10	108	4.94	<10
208205		0.14	0.2	0.69	10	<10	110	1.0	<2	1.50	<0.5	6	39	54	2.21	<10
208206		0.24	0.2	1.93	39	<10	470	1.8	<2	0.66	1.1	32	33	192	7.00	10
208207		0.26	0.4	2.01	27	<10	520	1.7	<2	0.53	0.5	28	22	153	5.01	10
208208		0.30	0.6	1.45	29	<10	580	1.5	<2	0.70	<0.5	29	11	173	5.01	<10
208209		0.32	0.5	1.30	24	<10	740	1.5	<2	0.43	0.8	14	11	81	4.84	<10
208210		0.28	0.2	1.00	21	<10	530	1.5	<2	0.35	0.5	29	7	195	5.29	<10
208211		0.18	0.5	0.93	22	<10	290	0.8	<2	0.11	<0.5	15	12	92	5.05	10
208212		0.20	0.3	0.76	20	<10	1280	1.4	<2	0.23	2.3	33	22	86	5.15	<10
208213		0.26	1.5	0.57	99	<10	300	<0.5	<2	0.28	<0.5	8	10	126	7.48	<10
208214		0.24	1.6	0.53	89	<10	410	<0.5	<2	0.05	<0.5	6	12	166	9.80	<10



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Page: 2 - B  
Total # Pages: 2 (A - C)  
Finalized Date: 19-SEP-2010  
Account: BCGOLD

CERTIFICATE OF ANALYSIS TR10128298

Sample Description	Method Analyte Units LOR	ME-ICP41														
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
208201		<1	0.21	30	0.31	1990	5	0.02	15	2560	31	0.39	<2	9	65	<20
208202		<1	0.14	10	0.12	488	6	0.01	15	1250	35	0.16	<2	3	68	<20
208203		<1	0.14	10	0.15	783	5	0.01	20	1920	59	0.22	2	5	48	<20
208204		<1	0.16	30	0.30	1830	6	0.02	14	2130	39	0.25	<2	6	52	<20
208205		<1	0.12	20	0.14	180	6	0.02	29	1980	22	0.40	<2	3	104	<20
208206		<1	0.21	20	0.57	1760	5	0.01	56	1520	26	0.02	4	11	36	<20
208207		<1	0.22	20	0.69	1590	3	0.01	28	2080	28	0.03	2	10	33	<20
208208		<1	0.20	10	0.48	1205	2	0.01	21	2570	38	0.08	3	8	44	<20
208209		<1	0.14	10	0.16	1360	5	0.02	13	3830	51	0.13	<2	1	54	<20
208210		<1	0.18	20	0.13	1660	3	0.01	22	2580	38	0.03	2	9	31	<20
208211		<1	0.15	10	0.10	1610	5	0.02	13	2210	33	0.13	2	1	21	<20
208212		<1	0.19	10	0.08	2360	5	0.02	25	3960	50	0.16	<2	1	36	<20
208213		<1	0.30	10	0.20	410	10	0.03	9	3110	92	0.79	3	5	79	<20
208214		<1	0.19	10	0.18	270	13	0.02	4	3370	115	0.60	4	8	54	<20



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Page: 2 - C  
Total # Pages: 2 (A - C)  
Finalized Date: 19-SEP-2010  
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## CERTIFICATE OF ANALYSIS TR10128298

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA23
		Ti	Tl	U	V	W	Zn	Au
		%	ppm	ppm	ppm	ppm	ppm	ppm
208201		0.01	<10	<10	53	<10	95	0.005
208202		<0.01	<10	<10	22	<10	49	0.023
208203		<0.01	<10	<10	32	<10	47	0.018
208204		0.01	<10	<10	49	<10	86	0.011
208205		0.01	<10	<10	24	<10	76	<0.005
208206		0.01	<10	<10	63	<10	232	0.010
208207		0.01	<10	<10	72	<10	165	0.007
208208		<0.01	<10	<10	56	<10	141	0.017
208209		0.01	<10	<10	52	<10	211	0.008
208210		<0.01	<10	<10	41	<10	200	0.013
208211		0.01	<10	<10	54	<10	105	0.005
208212		0.01	<10	<10	25	<10	193	0.005
208213		0.01	<10	<10	60	<10	101	0.100
208214		0.01	<10	<10	58	<10	112	0.116



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Page: 1  
Finalized Date: 19-SEP-2010  
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## QC CERTIFICATE TR10128298

Project:  
P.O. No.:  
This report is for 14 Soil samples submitted to our lab in Terrace, BC, Canada on  
9-SEP-2010.

The following have access to data associated with this certificate:

BRUCE COATES

B. FOWLER

### SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

### ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: B.C. GOLD CORP.  
ATTN: BRUCE COATES  
#1400-625 HOWE ST.  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
Total # Pages: 3 (A - C)  
Finalized Date: 19-SEP-2010  
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QC CERTIFICATE OF ANALYSIS TR10128298

Sample Description	Method Analyte Units LOR	ME-ICP41														
		Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm
<b>STANDARDS</b>																
GBM908-5		56.7	1.13	6	<10	190	<0.5	<2	0.70	<0.5	10	18	493	2.34	<10	<1
Target Range - Lower Bound		51.8	0.98	5	<10	140	<0.5	<2	0.60	<0.5	9	15	447	2.13	<10	<1
Upper Bound		63.8	1.22	11	20	220	1.0	4	0.75	1.0	13	20	549	2.62	20	2
MRGeo08		4.6	2.68	35	<10	420	0.8	<2	1.07	2.0	17	89	638	3.47	10	<1
Target Range - Lower Bound		3.7	2.53	27	<10	360	<0.5	<2	1.00	1.5	17	84	582	3.38	<10	<1
Upper Bound		5.0	3.11	37	20	510	1.0	4	1.24	3.0	22	104	714	4.15	20	2
OGGeo08		20.2	2.27	120	<10	90	0.7	13	0.90	19.1	92	82	8420	5.01	<10	<1
Target Range - Lower Bound		18.0	2.10	107	<10	60	<0.5	8	0.82	17.0	89	75	7700	4.81	<10	<1
Upper Bound		22.4	2.59	135	20	100	1.0	14	1.02	21.8	111	93	9410	5.91	20	2
OREAS-45P		0.4	3.69	7	<10	180	0.6	<2	0.25	<0.5	103	882	709	16.90	20	<1
Target Range - Lower Bound		<0.2	3.32	<2	<10	140	<0.5	<2	0.21	<0.5	93	785	614	15.50	<10	<1
Upper Bound		0.4	4.08	7	20	210	1.0	4	0.27	1.0	115	961	752	18.95	20	2
OXD73																
Target Range - Lower Bound																
SL34																
Target Range - Lower Bound																
Upper Bound																
<b>BLANKS</b>																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1
BLANK		0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1
Target Range - Lower Bound		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1
Upper Bound		0.4	0.02	4	20	20	1.0	4	0.02	1.0	2	2	2	0.02	20	2



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Page: 2 - B  
Total # Pages: 3 (A - C)  
Finalized Date: 19-SEP-2010  
Account: BCGOLD

QC CERTIFICATE OF ANALYSIS TR10128298

Sample Description	Method	ME-ICP41														
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	5	ppm	1	ppm	10	ppm	2	0.01	ppm	1	ppm
LOR																
GBM908-5		0.80	90	0.74	344	52	0.03	383	1250	351	0.18	<2	1	56	40	0.17
Target Range - Lower Bound		0.68	80	0.66	303	50	0.03	375	1100	338	0.14	<2	<1	46	<20	0.13
Upper Bound		0.86	120	0.83	381	63	0.05	461	1360	418	0.19	4	2	59	40	0.19
MRGeo08		1.24	30	1.14	410	13	0.34	665	1000	991	0.32	4	7	82	20	0.38
Target Range - Lower Bound		1.17	20	1.09	398	12	0.31	617	870	934	0.29	<2	6	75	<20	0.35
Upper Bound		1.45	50	1.36	498	17	0.40	757	1090	1145	0.37	4	10	93	40	0.44
OGGeo08		1.03	30	0.95	394	904	0.30	8290	810	6960	2.96	21	6	67	20	0.31
Target Range - Lower Bound		0.97	20	0.91	369	841	0.28	7620	700	6270	2.58	13	5	61	<20	0.28
Upper Bound		1.21	40	1.14	463	1030	0.36	9310	880	7670	3.18	23	8	77	40	0.37
OREAS-45P		0.08	10	0.11	1070	<1	0.02	294	370	19	0.04	<2	58	16	<20	0.20
Target Range - Lower Bound		0.06	<10	0.09	956	<1	<0.01	265	320	15	<0.01	<2	51	12	<20	0.19
Upper Bound		0.10	20	0.13	1180	2	0.03	326	410	23	0.03	4	65	17	40	0.25
OXD73																
Target Range - Lower Bound																
Upper Bound																
SL34																
Target Range - Lower Bound																
Upper Bound																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.01	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	1	<20	<0.01
BLANK		<0.01	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01
Target Range - Lower Bound		<0.01	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01
Upper Bound		0.02	20	0.02	10	2	0.02	2	20	4	0.02	4	2	2	40	0.02



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Page: 2 - C  
Total # Pages: 3 (A - C)  
Finalized Date: 19-SEP-2010  
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## QC CERTIFICATE OF ANALYSIS TR10128298

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA23
	Analyte	Tl	U	V	W	Zn	Au
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2	0.005
GBM908-5		<10	<10	26	<10	223	
Target Range - Lower Bound		<10	<10	22	<10	207	
Upper Bound		20	20	29	20	257	
MRGeo08		<10	<10	99	<10	757	
Target Range - Lower Bound		<10	<10	93	<10	701	
Upper Bound		20	20	115	20	861	
OGGeo08		<10	<10	80	<10	6760	
Target Range - Lower Bound		<10	<10	73	<10	6390	
Upper Bound		20	20	92	20	7820	
OREAS-45P		<10	<10	233	<10	117	
Target Range - Lower Bound		<10	<10	208	<10	108	
Upper Bound		20	20	256	20	136	
OXD73						0.433	
Target Range - Lower Bound						0.382	
Upper Bound						0.450	
SL34						6.39	
Target Range - Lower Bound						5.48	
Upper Bound						6.31	
BLANK						<0.005	
Target Range - Lower Bound						<0.005	
Upper Bound						0.010	
BLANK		<10	<10	<1	<10	<2	
BLANK		<10	<10	<1	<10	<2	
Target Range - Lower Bound		<10	<10	<1	<10	<2	
Upper Bound		20	20	2	20	4	



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Page: 3 - A  
Total # Pages: 3 (A - C)  
Finalized Date: 19-SEP-2010  
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Page: 3 - B  
Total # Pages: 3 (A - C)  
Finalized Date: 19-SEP-2010  
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Page: 3 - C  
Total # Pages: 3 (A - C)  
Finalized Date: 19-SEP-2010  
Account: BCGOLD

## QC CERTIFICATE OF ANALYSIS TR10128298

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA23
	Analyte	Tl	U	V	W	Zn	Au
	Units	ppm	ppm	ppm	ppm	ppm	ppm
ORIGINAL		<10	10	8	50	30	
DUP		<10	10	8	50	28	
Target Range – Lower Bound		<10	<10	7	40	26	
Upper Bound		20	20	9	60	32	
208142		<10	<10	2	<10	14	
DUP		<10	<10	2	<10	12	
Target Range – Lower Bound		<10	<10	<1	<10	10	
Upper Bound		20	20	3	20	16	
208167						0.005	
DUP						0.006	
Target Range – Lower Bound						<0.005	
Upper Bound						0.010	
ORIGINAL						0.010	
DUP						0.011	
Target Range – Lower Bound						<0.005	
Upper Bound						0.016	

### DUPLICATES

**Appendix E - Voigtberg - 2010 Rock and Soil Samples - ALS Chemex QA/QC - Page #1**

Sample_ID	Type	LabJob	Au	Ag	Al(%)	As	B	Ba	Be	Bi	Ca(%)	Cd	Co	Cr	Cu	Fe(%)	Ga	Hg	K(%)	La
208019	Rock	TR10120299	0.034	0.2	0.4	29	<10	50	0.5	<2	2.18	<0.5	4	2	143	2.38	<10	3	0.2	20
208019-DUP		TR10120299 - QC	0.036																	
208039	Rock	TR10120299	<0.005	<0.2	0.67	6	<10	450	1.1	<2	6.04	<0.5	18	3	107	4.59	<10	1	0.22	10
208039-DUP		TR10120299 - QC	<0.005																	
208048	Rock	TR10120299	<0.005	<0.2	0.23	27	<10	120	0.6	2	22.4	0.6	14	4	24	4.20	<10	1	0.04	<10
208048-DUP		TR10120299 - QC	0.2	0.24	23	<10	90	0.6	3	22.7	0.6	14	4	25	4.27	<10	1	0.04	<10	
208074	Rock	TR10120299	0.157	53.9	0.34	80	<10	60	0.9	2	9.2	105	8	1	172	3.39	<10	5	0.25	20
208074-DUP		TR10120299 - QC																		
208077	Rock	TR10120299	0.683	2.2	0.38	287	<10	40	0.5	<2	0.55	0.7	31	6	116	6.48	<10	1	0.31	20
208077-DUP		TR10120299 - QC	0.679																	
208084	Rock	TR10120299	0.015	<0.2	0.42	35	<10	80	0.5	<2	2.66	<0.5	12	1	190	3.07	<10	<1	0.31	10
208084-DUP		TR10120299 - QC	<0.2	0.44	33	<10	70	0.5	<2	2.73	<0.5	12	1	193	3.09	<10	<1	0.32	10	
208097	Rock	TR10120299	<0.005	<0.2	0.3	5	<10	110	0.6	<2	6.56	<0.5	12	39	45	2.52	<10	<1	0.17	20
208097-DUP		TR10120299 - QC	<0.005																	
208117	Rock	TR10120299	<0.005	<0.2	0.87	4	<10	120	1.2	<2	6.49	<0.5	7	2	27	2.64	<10	<1	0.2	20
208117-DUP		TR10120299 - QC	<0.005																	
208120	Rock	TR10120299	0.009	<0.2	1.38	2	<10	570	1.2	<2	14.4	3	7	27	57	3.20	10	<1	0.06	50
208120-DUP		TR10120299 - QC	<0.2	1.33	<2	<10	610	1.1	<2	14	3.2	7	27	56	3.09	<10	<1	0.06	50	
208132	Rock	TR10128297	0.07	0.7	0.97	14	<10	20	1.4	2	3.37	4.8	28	4	334	8.31	<10	<1	0.54	10
208132-DUP		TR10128297 - QC	0.065																	
208142	Rock	TR10128297	<0.005	<0.2	0.07	6	<10	160	<0.5	<2	>25.0	<0.5	<1	1	6	0.93	<10	1	0.04	10
208142-DUP		TR10128297 - QC	<0.2	0.07	2	<10	150	<0.5	<2	>25.0	<0.5	1	1	6	0.88	<10	<1	0.03	10	
208167	Rock	TR10128297	0.005	0.6	0.72	10	<10	100	1.4	<2	5.22	<0.5	17	2	289	4.95	<10	1	0.46	10
208167-DUP		TR10128297 - QC	0.006																	
208206	Soil	TR10128298	0.01	0.2	1.93	39	<10	470	1.8	<2	0.66	1.1	32	33	192	7	10	<1	0.21	20
208206-DUP		TR10128298 - QC	NSS																	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<1	<0.01	<10	
BLANK		TR10120299 - QC	<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<								

**Appendix E - Voigtberg - 2010 Rock and Soil Samples - ALS Chemex QA/QC - Page #2**

**Appendix E - Voigtberg - 2010 Rock and Soil Samples - ALS Chemex QA/QC - Page #3**

Sample_ID	Type	LabJob	Mg(%)	Mn	Mo	Na(%)	Ni	P	Pb	S(%)	Sb	Sc	Sr	Th	Ti(%)	Tl	U	V	W	Zn	Zn(%)
208019	Rock	TR10120299	0.38	493	2	0.04	4	510	13	2.07	2	2	138	<20	<0.01	<10	<10	14	<10	42	
208019-DUP		TR10120299 - QC																			
208039	Rock	TR10120299	0.76	1260	2	0.04	10	2030	17	0.52	<2	9	305	<20	<0.01	<10	<10	48	<10	111	
208039-DUP		TR10120299 - QC																			
208048	Rock	TR10120299	1.15	2240	1	0.03	13	340	23	2.7	4	6	881	<20	<0.01	<10	10	23	<10	377	
208048-DUP		TR10120299 - QC	1.18	2290	1	0.03	11	370	23	2.8	3	6	932	<20	<0.01	<10	10	22	<10	393	
208074	Rock	TR10120299	0.6	2280	1	0.04	2	1090	1835	4.3	55	3	412	<20	<0.01	<10	<10	23	<10	>10000	1.67
208074-DUP		TR10120299 - QC																			1.67
208077	Rock	TR10120299	0.04	89	30	0.01	19	3190	34	6.3	16	4	51	<20	<0.01	20	<10	45	<10	95	
208077-DUP		TR10120299 - QC																			
208084	Rock	TR10120299	0.47	1480	1	0.03	1	1900	6	2.81	<2	6	1220	<20	<0.01	<10	<10	58	<10	17	
208084-DUP		TR10120299 - QC	0.48	1500	1	0.03	<1	1930	5	2.86	<2	6	1240	<20	<0.01	<10	<10	60	<10	19	
208097	Rock	TR10120299	0.36	1035	4	0.05	15	830	18	0.52	<2	3	415	<20	0.01	<10	<10	26	<10	54	
208097-DUP		TR10120299 - QC																			
208117	Rock	TR10120299	0.88	1935	7	0.04	6	740	21	1.12	<2	3	699	<20	<0.01	<10	<10	24	<10	42	
208117-DUP		TR10120299 - QC																			
208120	Rock	TR10120299	1.42	6280	66	0.03	62	710	94	0.68	<2	6	4790	<20	0.01	<10	<10	150	<10	524	
208120-DUP		TR10120299 - QC	1.36	6060	63	0.03	60	680	93	0.66	<2	6	4620	<20	0.01	<10	<10	148	<10	534	
208132	Rock	TR10128297	1.17	1775	2	0.03	15	4300	87	9.5	<2	8	100	<20	<0.01	<10	<10	76	<10	838	
208132-DUP		TR10128297 - QC																			
208142	Rock	TR10128297	0.73	2030	1	0.02	<1	70	7	<0.01	<2	1	1235	<20	<0.01	<10	<10	2	<10	14	
208142-DUP		TR10128297 - QC	0.70	1955	1	0.02	1	60	6	<0.01	<2	<1	1195	<20	<0.01	<10	<10	2	<10	12	
208167	Rock	TR10128297	2.33	2870	1	0.03	7	3760	19	1.27	2	13	186	<20	<0.01	<10	<10	52	<10	142	
208167-DUP		TR10128297 - QC																			
208206	Soil	TR10128298	0.57	1760	5	0.01	56	1520	26	0.02	4	11	36	<20	0.01	<10	<10	63	<10	232	
208206-DUP		TR10128298 - QC																			
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10128297 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10128297 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10128298 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10128298 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01	<10	<10	<1	<10	<2	
BLANK		TR10120299 - QC	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20	<0.01						

**Appendix E - Voigtberg - 2010 Rock and Soil Samples - ALS Chemex QA/QC - Page #4**

