

**Ministry of Energy & Mines**  
Energy & Minerals Division  
Geological Survey Branch

**ASSESSMENT REPORT  
TITLE PAGE AND SUMMARY**

TITLE OF REPORT [type of survey(s)] GEOCHEMICAL AND PROSPECTING REPORT TOTAL COST \$7,434

AUTHOR(S) Warner Greenwald, P.Geo SIGNATURE(S) W. Greenwald

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) \_\_\_\_\_ YEAR OF WORK 2010

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 4821237 Dec 27, 2010

PROPERTY NAME "G" PROPERTY

CLAIM NAME(S) (on which work was done) GEO (324452), G-9 (324459); B-13 (324463)  
B-10 (324460)

COMMODITIES SOUGHT Au, Ag, Cu

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 092P 026; 092P 172; 092P 103

MINING DIVISION KAMLOOPS NTS \_\_\_\_\_

LATITUDE 51 ° 29 ' 00 " LONGITUDE 120 ° 30 ' 00 " (at centre of work)

OWNER(S)  
1) BULL ROCK MINERALS INC 2) \_\_\_\_\_

MAILING ADDRESS  
\_\_\_\_\_  
\_\_\_\_\_

OPERATOR(S) [who paid for the work]  
1) BULL ROCK MINERALS INC 2) \_\_\_\_\_

MAILING ADDRESS  
Suite 900-555 Burrard St.,  
Vancouver, B.C. V7X 1M8

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):  
Nicola volcanics and sediments (late Triassic), Dumfries intrusive suite (late Triassic-early Jurassic), NW-trending regional faults. Chlorite-epidote alteration common. Au-Ag in pyritic/hematitic felsic intrusive float (glacially transported) - likely very local source. Garnet-wollastonite skarns, Au skarn (Cldg. minifile).

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS  
13619, 14417, 16362, 17709, 18597 (A, B), 18612, 26284, 22183, 29584.

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
Ground, mapping			
Photo interpretation			
<b>GEOPHYSICAL (line-kilometres)</b>			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
<b>GEOCHEMICAL</b>			
(number of samples analysed for ...)			
Soil	103 - 30gm FA-AA + 1CP (34 demand)	} 324452	\$4460
Silt			
Rock	13 - 30gm FA-AA + 1CP (34 demand)		
Other			
<b>DRILLING</b>			
(total metres; number of holes, size)			
Core			
Non-core			
<b>RELATED TECHNICAL</b>			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)	1:5,000 (250 hectares)	324463, 324452 324459, 324460	\$1859
<b>PREPARATORY/PHYSICAL</b>			
Line/grid (kilometres)	2.5 kilometres	324452	\$1115
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
TOTAL COST			\$7434

# **GEOCHEMICAL AND PROSPECTING ASSESSMENT REPORT**

On the

**BC Geological Survey  
Assessment Report  
31913**

## **“G” PROPERTY**

**Tenure No. 324452 - 324473, 566177**

**51° 29' NORTH LATITUDE**

**120° 30' WEST LONGITUDE**

**Map No. 92P/08**

**LITTLE FORT, BRITISH COLUMBIA**

For

**BULL ROCK MINERALS INC.  
Suite 900 – 555 Burrard Street  
Vancouver, British Columbia  
V7X 1M8**

**Prepared By:**

**GEOQUEST CONSULTING LTD.  
8055 Aspen Road  
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**W. Gruenwald, P. Geo.  
December 28, 2010**

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## 1.0 SUMMARY

*This assessment report describes the 2010 exploration program conducted on the “G” property for Bull Rock Minerals Inc. of Vancouver, BC. The main focus of the program was to explore for the source(s) of glacially transported mineralized boulders.*

*The “G” property, covering 804.5 hectares, is located in southern British Columbia approximately ten kilometres northwest of Little Fort. Kamloops, the nearest large community, is situated 100 km by road to the south. The property is easily road accessible, and is favourably situated near a major highway, railroad and power line.*

*Geologically, the property is situated between the Intermontane Belt to the west and the Omineca Belt to the east. Jurassic-Cretaceous age intrusive rocks in the region include the Raft, Thuya, and Takomkane Batholiths. The North Thompson River fault is the dominant regional structure. The property falls within the southern extension of the Quesnel Trough, a structurally complex north-northwesterly trending belt of rocks that can be traced over 1,000 kilometres from the US border to northern BC.*

*Several lithologic units underlie the property including late Triassic Nicola Group volcanoclastic and sedimentary rocks. The northern end of the Thuya Batholith of late Triassic or early Jurassic age is mapped just west of the property. The western half of the property overlies a northwest trending body of late Triassic – early Jurassic diorite, microdiorite and gabbro. Bedrock exposures are not common on the property due to widespread but generally shallow glacial till. Recent studies of the glacial history of the region has determined that there was an initial ice flow to the west and southwest and a subsequent flow to the south-southwest, south and southeast.*

*The Quesnel Trough is host to many of the provinces largest and most economically important alkalic and calc-alkalic porphyry deposits including the Afton-Ajax, Copper Mountain and Mount Polley Cu-Au porphyries as well as Thompson Creek’s Mt Milligan deposit. These rocks also host a number of major copper or gold skarns including the Craigmont, Ingerbelle and the Nickel Plate deposits.*

*The “G” property is an early stage exploration property encompassing four mineral occurrences. The Cedar showings found along Highway 24 consist of two 1-metre wide sulphide zones in faulted and skarn altered limey sediments. A zone of garnet-wollastonite mineralization near the centre of the property was explored by trenching and four short drill holes in 2000. In the western portion of the property along Highway 24 the “G” occurrence consists of narrow quartz-calcite veinlets hosted by dioritic intrusive rocks. Sampling by Esso Resources returned up to 3.15 g/t Au across 3.0 metres. The Cedar Sheeted veins in the Nehalliston Creek canyon 500 m north-easterly of the G occurrence consist of six quartz veins averaging 20 cm wide and contain up to 480 ppb Au and 13.7 g/t Ag.*

*In 1999 grid based soil sampling and rock sampling were completed by Huntington Resources south of the “G” occurrence. Several north trending gold-in-soil anomalies were identified. In addition, numerous angular float boulders were discovered containing up to 4 g/t gold and 88 g/t silver. Trenching revealed that the mineralized boulders did not resemble the underlying dioritic rocks hosting the “G” mineral occurrence. Field and petrographic evidence suggested that these boulders were associated with altered and brecciated felsic intrusive and volcanic rocks from an undetermined “up ice” source.*

*In 2007 an interpretation of the Bonaparte Lake airborne survey (2006) was completed by Mr. Rob Shives of GamX Inc. which identified target areas for follow-up exploration. A Thorium/Potassium low (eTh/K) northerly and up-ice of the gold-silver mineralized float boulders was considered a potential felsic intrusive source. To test this area Bull*

*Rock Minerals completed seventeen kilometres of grid based soil sampling, prospecting and rock sampling. This work identified northerly trending gold-in-soil anomalies. Rock sampling resulted in the discovery of additional gold mineralized float and bedrock.*

*In 2010 exploration work followed up on recent interpretations of ice flow directions by the Geological Survey of Canada. Prospecting and rock sampling was conducted to explore the newly identified ice direction “vectors” considered prospective for the bedrock source of the mineralized float. In addition, four soil lines of the 2007 grid were extended easterly to test gold-in-soil anomalies found near the margin of this grid.*

*Rock sampling in the area of historic Au-Ag mineralized felsic intrusive float continued to locate more of this float type. Of the six samples collected in this area five were gold bearing with three containing in excess of 1 g/t Au and one containing 4.05 g/t Au and 91.2 g/t Ag.*

*Soil sampling east of the 2007 grid identified several anomalous areas one of which displays definitely anomalous gold-in-soil across 50 metres at the east of one of the lines. Several very rusty weathering skarn float occurrences were discovered with one containing 258 ppb Au and 2254 ppm copper, 1071 ppm lead and 2936 ppm zinc. The source of this float is unknown.*

*The historic and recent exploration results justify additional exploration work with the primary goal being to locate the source of the gold-silver mineralized felsic intrusive float. Prospecting is still worthwhile however it is apparent that trenching “up-ice” of the mineralized float trend may prove more beneficial. Since the mineralized float is often pyritic, Induced Polarization (IP) surveys should be considered along a series of 100 to 200 metre spaced east-west lines spanning the mineralized float trend. Magnetic surveys should be run concurrent with IP as it may help delineate contact zones.*

*Exploration targets (IP anomalies) identified in the mineralized float area should first be excavator trenched given the relatively shallow overburden especially in the northern float area (i.e. TP-5). Any success with this program should be followed up by diamond drilling.*

*The anomalous soils on the 2010 eastern grid lines and the mineralized skarn float warrant further investigation by prospecting and sampling. The anomalous gold-in-soil at the east end of one of the 2010 grid lines warrants the extension of this grid further east. Exploration in the 2010 soil grid (and proposed extensions) should target any “up-ice” vectors ascertained from exploration success in the felsic intrusive float area to the southeast.*

*The total expenditures for the 2010 program were \$7,434.*





BULL ROCK MINERALS INC.

**G PROPERTY**  
Location Map

To accompany a report by W. Gruenwald, P. Geo.

Tech Work By: Geoquest  
Drawn By: EG

Date: Dec, 2010  
Figure: 1



## 2.0 INTRODUCTION

### 2.1 General Statement

This report, prepared for Bull Rock Minerals Inc. of Vancouver, BC, on the "G" property describes the 2010 exploration focused on locating the source of glacially transported gold-silver bearing felsic intrusive boulders. Also provided for completeness and interpretive purposes are an overview of the property's exploration history and mineral occurrences.

### 2.2 Location and Access

The "G" property is located approximately 10 air kilometres northwest of Little Fort in south-central BC (Figure 1). Kamloops, the largest nearby centre is located 100 kilometres by road south of Little Fort. Geographic co-ordinates for the property are 51° 29' North latitude and 120° 30' West longitude on NTS Map No. 92P/8. Corresponding UTM (Nad 83) co-ordinates are Grid Zone 10U 687500E and 5707600N on TRIM Map No. 092P.049.

The property is accessible by travelling approximately 12 kilometres westerly on Highway 24 from Little Fort. The highway transects the centre of the property. Recent logging has taken place over the western portion of the claims both north and south of Highway 24. This has provided excellent access to many parts of the property.

### 2.3 Physiography

Broad, rolling terrain of the Thompson Plateau characterizes much of the property. Several streams are found on the property the largest being Nehalliston Creek which transects the northern portion of the claims (Figures 2, 3). This stream has cut a deeply incised valley and flows easterly to the North Thompson River. Slopes range from gentle to moderate with locally precipitous slopes along parts of Nehalliston Creek. Topographic relief is 300 metres, ranging from 900 metres along Nehalliston Creek to 1200 metres on knolls in the central and western portion of the property.

The last glaciation of the Thompson Plateau resulted in the deposition of extensive till cover. This ranges from very thin (<1 m) cover on ridge tops and knolls to deposits tens of metres thick in and along valley bottoms. Tipper (1971) provided the first regional insight into the glacial history of the Bonaparte Lake Map area. This was largely based upon the interpretation of glacial landforms evident on air photos. For the most recent glaciation the interpreted regional ice flow was generally to the southwest to the southeast when it was controlled by an ice divide to the north. Recently published studies (Plouffe, A. et al) on the glacial history and till geochemistry of the region are described in Section 4.3 of this report.

### 2.4 Vegetation and Climate

The property is forested with fir, spruce, balsam and pine along with minor deciduous vegetation. Commercial timber harvesting has been taking place for many years resulting in vastly improved access into many parts of the property. The south-eastern portion of the property falls under a small timber licence held by Mr. Ed Salle of Barriere, BC. Substantial clear-cut logging has taken place to present time in the western and eastern parts of the property by Tolko Industries where the Mountain Pine beetle has killed most of the lodge pole pine (Figure 2).

Summer temperatures can reach 30°C, however the average temperature in the summer months is in the 20 to 30°C range. Snow accumulations on the property are typically from 1 to 2 metres. The property is accessible from May until early November.



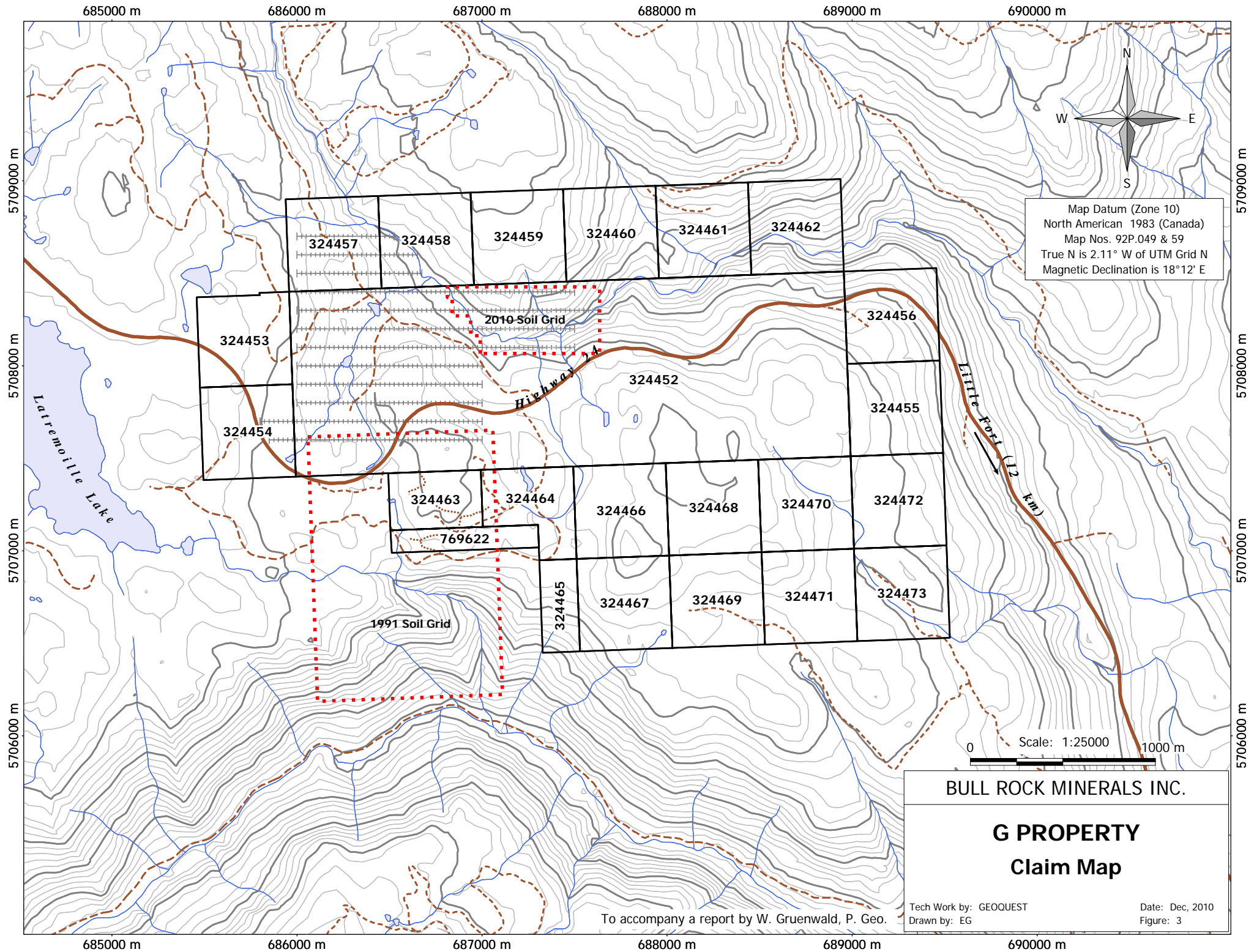
**Figure 2 - Google Earth Property Image**

## 2.5 Claims

The property consists of 23 contiguous mineral claims or tenures (Table 1). Mineral Titles Online (MTO) records indicate the total property area is 865 hectares however some tenure overlap reduces this to 807.5 hectares (Figure 3). All but tenure 769622 were acquired by ground staking in 1994.

**Table 1 - G Property Claim Details**

<b>Tenure No.</b>	<b>Claim Name</b>	<b>Owner</b>	<b>Good To Date</b>	<b>Area (ha)</b>
324452	GEO	209686 (100%)	2012/mar/31	300.0
324453	G-2	209686 (100%)	2012/mar/31	25.0
324454	G-3	209686 (100%)	2012/mar/31	25.0
324455	G-4	209686 (100%)	2012/mar/31	25.0
324456	G-5	209686 (100%)	2012/mar/31	25.0
324457	G-7	209686 (100%)	2012/mar/31	25.0
324458	G-8	209686 (100%)	2012/mar/31	25.0
324459	G-9	209686 (100%)	2012/mar/31	25.0
324460	G-10	209686 (100%)	2012/mar/31	25.0
324461	G-11	209686 (100%)	2012/mar/31	25.0
324462	G-12	209686 (100%)	2012/mar/31	25.0
324463	G-13	209686 (100%)	2012/mar/31	25.0
324464	G-14	209686 (100%)	2012/mar/31	25.0
324465	G-15	209686 (100%)	2012/mar/31	25.0
324466	G-16	209686 (100%)	2012/mar/31	25.0
324467	G-17	209686 (100%)	2012/mar/31	25.0
324468	G-18	209686 (100%)	2012/mar/31	25.0
324469	G-19	209686 (100%)	2012/mar/31	25.0
324470	G-20	209686 (100%)	2012/mar/31	25.0
324471	G-21	209686 (100%)	2012/mar/31	25.0
324472	G-22	209686 (100%)	2012/mar/31	25.0
324473	G-23	209686 (100%)	2012/mar/31	25.0
769622	G-24	209686 (100%)	2012/mar/31	40.3
<b>Total Area</b>				<b>865.3</b>



Map Datum (Zone 10)  
North American 1983 (Canada)  
Map Nos. 92P.049 & 59  
True N is 2.11° W of UTM Grid N  
Magnetic Declination is 18°12' E

0 Scale: 1:25000 1000 m

**BULL ROCK MINERALS INC.**  
**G PROPERTY**  
**Claim Map**  
Tech Work by: GEOQUEST  
Drawn by: EG  
Date: Dec, 2010  
Figure: 3

To accompany a report by W. Gruenwald, P. Geo.

The registered owner of the mineral tenures is Bull Rock Minerals Inc. based in Vancouver, BC. At the time of the writing of this report the property is bounded to the north, west and south by other mineral claims.

## 2.6 History

The earliest exploration history dates to the late 1800s when small deposits of placer gold were discovered in Eakin Creek just south of the property. In the 1930s gold bearing, sulphide-rich skarn zones were discovered near Deer Lake approximately seven kilometres northwest of the G property. Small shipments of hand-cobbled multi-ounce gold "ore" were reportedly sent to a smelter. During the 1960s exploration shifted toward the search for porphyry style copper ± molybdenum mineralization. Several drilling programs were conducted the largest being in the Deer and Friendly Lake areas. Exploration companies included Anaconda, Rio Tinto, Vital Pacific and Teck Corp.

The area in and around the G property was intermittently explored for several years in the search for bulk tonnage copper deposits. In 1983 the DeBock brothers of Clearwater discovered gold mineralization in the Cedar skarn zone along the newly constructed Highway 24. From 1985 to 1987 Craven Resources Inc. conducted mapping and 40 km of geochemical and magnetic and VLF-EM surveys on this occurrence and along the southerly geologic extension. In 1988/89 Pacific Comox Resources carried out prospecting, magnetic and VLF-EM surveys.

In 1988 prospector George Wolanski discovered the gold mineralization associated with narrow quartz veins along a Highway 24 road cut approximately 1.5 km west-southwest of the Cedar showing. During the next two years Esso Resources Canada conducted soil and silt surveys over the property and surrounding area. Anomalous amounts of gold in soil and silt were found in several areas however no major follow-up work was done. During this time a series of quartz veins known as the Cedar Sheeted veins were discovered in the Nehalliston Creek canyon.

In 1991, Huntington Resources Inc. conducted soil sampling southerly of the Esso Resources grid and delineated several north-south trending gold anomalies. Trenching and test pits excavated along one of the strongest anomalies encountered large, often angular limonitic boulders. Many of the boulders contained multi-gram gold and silver. Trenching revealed that these rested on barren dioritic rock and had therefore been glacially transported. Soon after the property option was dropped.

In 1994 the claims were optioned by Mr. Wolanski to B. C. Feldspar and in 1995 were optioned to Mainstay Capital and related companies Ardent Ventures and Beau Rock Industrial Minerals Inc. of Vancouver, B.C. No work appears to have been recorded by these companies. In 2000 Allegra Capital Corporation conducted trenching and drilled four short diamond drill holes totalling 284 metres on a garnet-wollastonite skarn.

In 1998 and 2000 the British Columbia government released the results of "basal till" sampling for the area covering the G property. One of seven of the highest order gold anomalies from this survey is situated on the property just southeast of the mineralized float boulder area.

In 2007 Mr. Rob Shives of GamX Inc. was contracted to provide an interpretation of the 2006 Bonaparte Lake airborne survey and identify geophysical anomalies for follow-up exploration. A Thorium/Potassium low (eTh/K) northerly and believed to be up-ice of the gold-silver bearing float boulders was considered as a potential source. To test this area the company completed seventeen kilometres of grid based soil sampling, prospecting and rock sampling. This work identified northerly trending gold-in-soil anomalies along the eastern part of the grid. Rock sampling resulted in the discovery of additional gold mineralized float and bedrock.

## 3.0 GEOLOGY

### 3.1 Regional Geology

The G property is situated within an area that straddles the contact between the Intermontane Belt to the west and the Omineca Belt to the east. The former comprises upper Paleozoic to lower Mesozoic volcanic, plutonic and sedimentary rocks of the Quesnel Terrane and Paleozoic to Mesozoic sedimentary and lesser volcanics of the Cache Creek Terrane. The Omineca Belt comprises upper Paleozoic volcanic, sedimentary and intrusive rocks of the Kootenay Terrane. Granitic rocks of Jurassic-Cretaceous age have intruded the Kootenay, Slide Mountain and Quesnel Terranes. Regionally the intrusives include the Raft, Thuya, and Takomkane Batholiths. The youngest rocks in the region are flat to gently dipping Tertiary volcanic rocks and minor sediments. The North Thompson River fault is the dominant regional structure.

The “G” property is situated within a highly variable sequence of alkaline volcanics, sediments and intrusive rocks in the southern part of the Quesnel Trough. This structurally complex assemblage forms a north-northwesterly trending belt extending over 1,000 km from the US border to well north of Prince George. A similar rock assemblage forms a westerly trending arc shaped belt that extends to Nova Gold’s Galore Creek deposit.

### 3.2 Local Geology

BC Geological Survey mapping (Schiarizza et.al, 2002) indicate several lithologic units on the property (Figure 4). The eastern third of the property is underlain by an elongate north-northwest trending belt of late Triassic Nicola Group volcanoclastic rocks consisting of volcanic sandstone, siltstone, conglomerate, volcanic breccias, tuff, basalt, chert and limestone. These are separated near the middle of the property by sedimentary rocks of the Nicola Group Meridian Lake succession comprised of siltstone, argillite, slate, sandstone, conglomerate and limestone. A prominent limestone unit occurs as steeply dipping and northwest-striking 40 metre horizon along Highway 24. An upstream traverse by the author along the Nehalliston Creek from UTM 687800E encountered Nicola volcanics and a 15m+ bed of steeply west dipping carbonate thought to be the extension of the Cedar Skarn host lithology.

The northern end of the Thuya Batholith of late Triassic or early Jurassic age (EJgd) is mapped just west of the property. This large intrusion (2000 km<sup>2</sup>) is composed of diorite, granodiorite, monzonite and gabbro. A number of probable satellitic intermediate to mafic intrusions are mapped in the region around the Thuya Batholith. The western half of the G Property overlies a northwest trending body of late Triassic – early Jurassic diorite, microdiorite and gabbro, with local clinopyroxenite and intrusion breccias. These intrusive rocks are sometimes referred to as the Dum Lake intrusions (TJd). An ultramafic body that predates the Thuya Batholith several kilometres southeast of the property (not shown) may be related to deep-seated regional faults.

Between the G property and Deer Lake to the northwest the geology consists of Dum Lake intrusives and Nicola Group rocks. The latter are mapped as a northwest trending assemblage of intercalated andesite, limestone, siltstone, argillite and tuff that locally host skarns and elongate, concordant (?) zones of silicified calc-silicate. The latter are proximal to small bodies of hornblende granodiorite and pyroxene diorite that likely part of the TJd unit.

Property bedrock exposures are uncommon due to widespread till. Rocks in the western part of the property consist of dioritic rocks with gabbroic phases. Further easterly the lithologies include volcanics and limey sediments. This diversity is evident in the four drill holes that tested skarn zones in the centre of the property where drill logs describe altered volcanic and intrusive rocks, silicified zones, garnet-wollastonite and marble.

Alteration is pervasive in the intrusive rocks and most commonly seen as epidote and chlorite the latter due to alteration of mafic minerals (hornblende, pyroxene). The felsic intrusive float boulders reveal a suite of alteration including silicification, carbonate (ankeritic), secondary albite, along with hematite and jarosite.

### 3.3 Structural Geology

The Nicola Group rocks have been deformed such that they often dip south-westerly. The region and immediate area of the property is transected by several north-northwesterly trending faults related to the North Thompson River fault system. An inferred fault is mapped as separating the volcanoclastic rocks from the sedimentary Nicola rocks and the western intrusive units.

## 4.0 MINERALIZATION

The region hosts several types of mineral occurrences including gold skarn (Lakeview-Deer Lake), porphyry molybdenum (Crazy Fox, Anticlimax), and vein ("G" occurrence). Recently, gold bearing chalcopyrite-magnetite skarn mineralization and auriferous intrusive float was discovered near Deer Lake approximately seven kilometres northwest of the G property. The Deer Lake property is owned by Electrum Resource Corp.

### 4.1 Property Mineralization

The G property is host to four mineral occurrences representing three types of mineralization namely garnet-wollastonite skarn, veins and intrusion hosted gold-silver. The mineral occurrences are described as follows:

The earliest documented occurrence was the **Cedar skarn** (Minfile 092P 026) exposed during the construction of Highway 24. This occurrence is described thus: *"Two sulphide zones, each approximately 1 metre in width, occur within a silicified andesite unit on the footwall side of the large fault structure. The sulphides consist of pyrite, pyrrhotite and chalcopyrite and can make up to 35% of the material in some 1 metre widths within the zones. The sulphides exist as penetrating veins and lenses and disseminations within the andesite. The andesite is silicified but apart from narrow quartz veinlets, major quartz veining is absent. Mineralization was not present in the hanging wall limestone chert unit in the road cut area but some hand dug pits revealed minor chalcopyrite within this unit underlying a soil geochemical anomaly south of the new road cut. Chalcopyrite mineralization also occurs in skarnified zones north of the Nehalliston Creek canyon. It is apparent that the mineralization is associated with the fault system over a strike length of some 4 to 5 kilometres and that massive sulphides occur in the structure"*.

A garnet-wollastonite skarn zone 0.5 kilometres southwest of the Cedar skarn is another mineral occurrence. Here garnet has been traced as float and outcroppings over several hundred metres south of Highway 24 (Figure 4). Drilling in 2000 intersected a "skarnified" assemblage of volcanic and intrusive rocks containing zones of garnet and wollastonite several metres wide. Gold and sulphide mineralization in core and surface samples suggest metallic mineral potential. This mineralization does not appear to be related to the Cedar skarn showing.

Quartz veins are documented in two areas of the property. In the western portion of the property, along Highway 24, gold mineralization at the **"G" occurrence** (Minfile 092P 103) consists of fracture controlled quartz-calcite veinlets within dioritic rocks. Veinlets range from hairline to three centimetres wide. Minor amounts of pyrite and galena are evident associated with chloride/epidote alteration and local brecciation. Rock sampling by Esso Minerals along the southern Highway 24 road cut yielded a 3.0 metre interval grading 3.15 g/t Au within a 14 metre interval containing 0.9 g/t Au. This mineralization was not traced beyond the highway exposure.



During the Esso Minerals program quartz veins known as the ***Cedar Sheeted veins*** (Minfile 092P 172) were discovered in Nehalliston Creek 500 metres northeast of the Discovery showing. These veins are described by K. Dom (1989) thus: *“The exposure consists of a series of six, sub-parallel, milky-white, quartz veins trending 010° and dipping 50° westward. These veins pinch and swell average 20 cm wide and are exposed over a 25 m<sup>2</sup> moss covered bank. Up to 2% pyrite and traces of galena are present. The host rock is fine-grained, micro-porphyrific and is probably related to the late, more felsic intrusive pulse”.*

***The fourth and probably the most important mineral occurrence is associated with gold-silver mineralized float boulders*** that were discovered <300 metres south of the “G” occurrence. Angular to subangular mineralized float boulders have been traced on surface and in test pits over a north-south extent of 520 metres (Photo 1). Several excavated float boulders measured 1.25 metres across and a 2.5 metre boulder was found along a soil line further south. Many boulders exhibit limonitic weathering, ankeritic carbonate alteration, bleaching, variable silicification and local quartz stockwork veining. Disseminated, limonite coated pyrite (2-5%) and hematite is often present.



**Photo 1 – Test Pit TP-7 Boulders**

Mineralized float often resembles altered, “felsic” intrusive rock that strongly contrasts the underlying coarse grained and more mafic intrusive rocks. Breccia textures observed in some float also suggests a tectonic component associated with the source lithology. These float boulders represent an as yet undiscovered source(s) on or around the G property. The closest similar bedrock occurrence is a small felsic “plug” approximately 3.5 km southerly and “down-ice” of the G property. Interestingly this intrusive was explored by Mr. Wolanski who discovered quartz veinlets containing minor galena and up to 30 g/t gold. It is conceivable that intrusive plugs and dikes emplaced along one of the major faults in the area may be the potential source of the mineralized float.

#### **4.2 Petrography**

Petrographic analysis was conducted in 1999 on three mineralized float boulders for Electrum Resources Corp. The purpose of this work was to assist in their identification and to determine if these rocks could emanate from intrusions on the adjacent Deer Lake property. Rock sample locations are shown on Figure 7. Following is a summary of the petrographic work.



**TP-8: (2.0 g/t Au, 24.7 g/t Ag)**

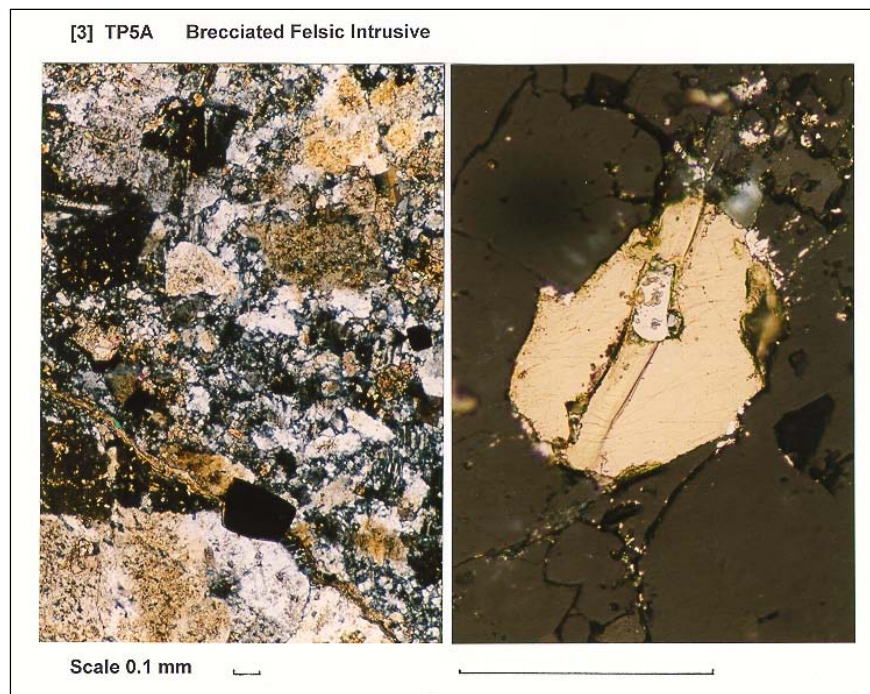
Brecciated, silicified and mineralized porphyritic volcanic with pervasive carbonate alteration. Small grains of native gold are enclosed by pyrite, which in turn are often rimmed by hematite. This rock is likely a volcanic subunit of the Nicola Group that has been brecciated, silicified and mineralized. Sampling by Minnova (G. Wells, 1992) yielded 5.2 g/t Au and 14 g/t Ag.

**L-5+50S; 1+50E: (4.03 g/t Au, 88.3 g/t Ag)**

This rock collected 200 metres south of TP-8 is described as a feldspar rich and probably mafic poor intrusive that has undergone crushing and healing with multi stage carbonate and quartz. Hematite rims most of the abundant pyrite grains (5-7%). It is unlikely that this rock is part of the main Thuya intrusive suite and may therefore reflect a marginal phase or a satellitic body.

**TP-5A: (2.9 g/t Au, 15.2 g/t Ag)**

The most northerly float sample is described as a felsic intrusive that has undergone crushing and infilling with quartz and carbonate. Native gold and/or electrum were observed as free grains (right photomicrograph below) and as grains enclosed by pyrite. Excavation of Test Pit 5 (TP-5) encountered approximately 2.5 metres of glacial till comprised of silt to boulders sitting atop barren dioritic bedrock. Fine-grained material from this pit was panned and fine gold was recovered. Microscopic examination revealed several angular (hackly) gold particles. This along with the angularity of float boulders implied a short transport distance and thus a relatively local bedrock source.



**Photo 2 - Photomicrograph of TP 5A sample**

**Other significant mineralization found on the "G" property includes:**

- 1) **Subcrop** (< 2m) of pale granitic rock along south side of Highway 24 collected by Mr. Wolanski in 1991 approximately 200 metres east-northeast of the "G" occurrence. Grab sample LF 91-3A assayed 0.103 oz/ton (3.2 g/t) gold (Figure 7).

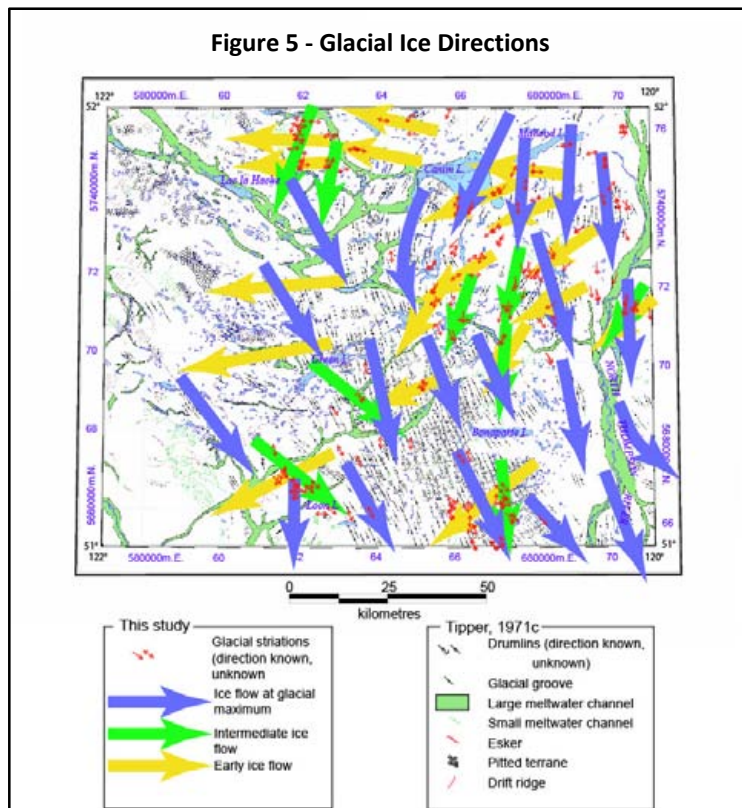
- 2) **Vein float** approximately 100 metres northeast of sample LF 91-3A. The original sample was a 15 cm piece of pyritic quartz with chalcopyrite. A sample collected by the author in 1999 (GWR-17) assayed 75 g/t Au, 57 g/t Ag and 0.96% Cu. Sampling of the same material by Minnova Inc. (G. Wells, 1992) assayed 57.8 g/t Au and 0.75% Cu. In 2007 remnants of this float were resampled by the writer and assayed 27.52 g/t Au. This material is radically different than anything else found on the property.

## 5.0 RESULTS FROM RECENT GLACIATION STUDIES

Several studies and publications were completed by the Geological Survey of Canada (GSC) on the ice direction, till geochemistry and boulder age dating on the Bonaparte Lake map area. One study in particular demonstrated how ice-flow history, geochronology (age dating), geology, and geophysics may be integrated to enhance the effectiveness of boulder tracing in glaciated regions affected by multiple ice-flow events. The author provided technical and historic information and conducted field tours for GSC personnel.

### 5.1 Glacial Ice Flow

Glaciation and till geochemistry studies of the region (Plouffe, A. et al) have shed new light on the glacial history of the region. The following



describes the last glacial ice movement for the region.

*“At the onset of the Late Wisconsinan glaciation, the Cariboo and Coast mountains were major centers of ice accumulation (Tipper 1971a, 1971b). The glacial striation record indicates that valley and piedmont glaciers from these sources were the first to advance onto the Fraser Plateau and to reach the Little Fort region, advancing westerly and southwesterly as far as Lac la Hache, Green Lake and Loon Lake shown by yellow arrows on Figure 5 (Plouffe et al. 2009).*

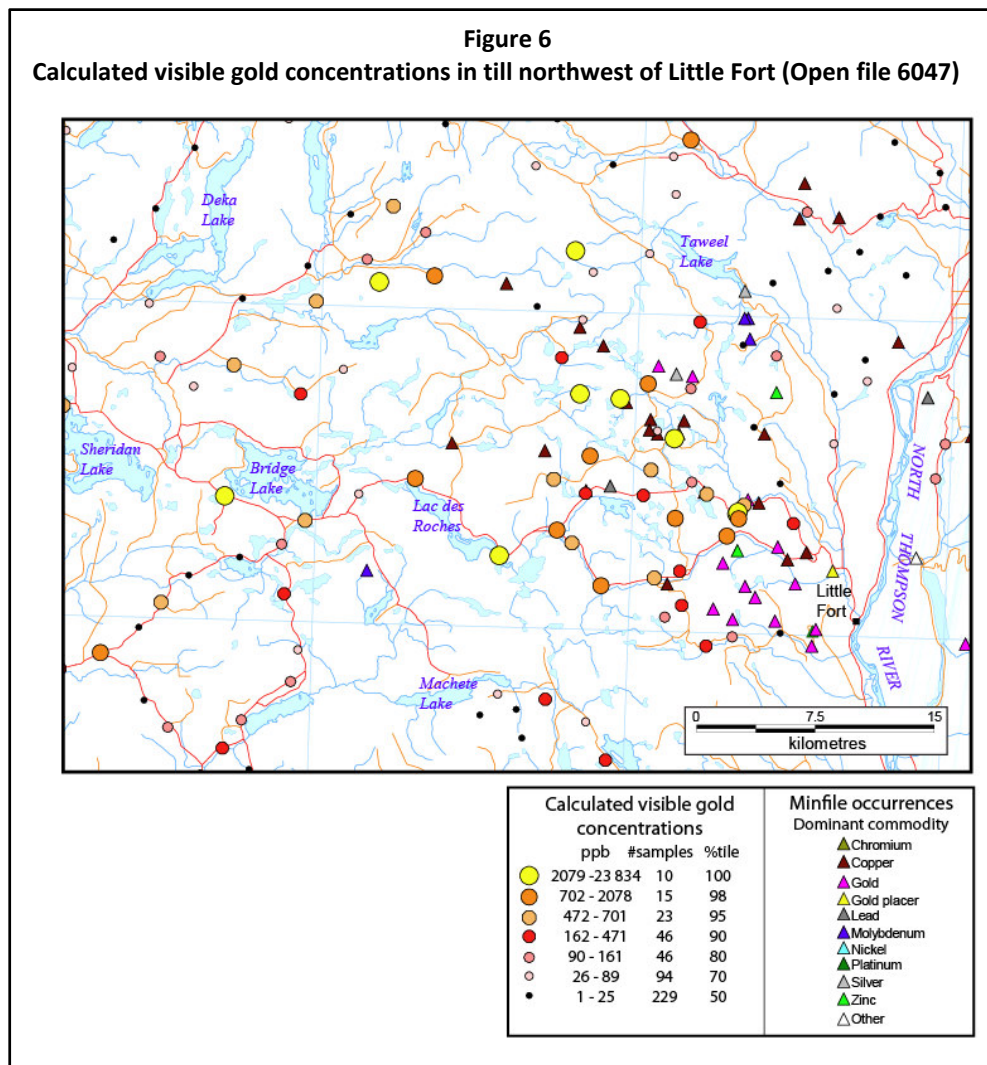
*At the onset of glaciation, ice surface elevation was low relative to surrounding topography, resulting in*

*thin glaciers with ice-flow patterns influenced by topography. As glaciation intensified ice from the Coast and Cariboo mountains coalesced over the Interior Plateau forming an ice dome near the 52nd parallel that is near the northern limit of the Bonaparte Lake map area (Tipper 1971b; Dyke and Prest 1987; Clague 1989). As this ice dome developed, ice movement progressively shifted to a southerly direction throughout the Bonaparte Lake map area (green/blue arrows). In summary, two general phases of ice movement prevailed in the study area during the last glaciation: an initial movement to the southwest followed by a second movement to the south-southeast.”*

Glacial ice movement studies (Plouffe, A, et al) suggested that the G property Au-Ag mineralized boulders might have been transported by one or both ice-flow movements. Using a vector addition model based on regional ice-flow patterns, the most recent and detailed bedrock geology map, and recently acquired airborne radiometrics and magnetic data; the northeast sector of the Thuya Batholith is interpreted as the most likely bedrock source of the mineralized boulders. This corresponds to glacial transport of the boulders of less than one but probably not more than five kilometres (Plouffe, et al). The potential source area for the G property mineralized boulders is indicated on Figure 4. This new information has directed the most recent work and should be kept in mind for future exploration programs.

## 5.2 Till Geochemistry

Glacial till sampling was conducted in 2007/08 over a large part of the Bonaparte Lake map area. Figure 6 displays the location of samples containing visible gold. This work revealed that glacial till near the mineralized boulders on the G property contains among the highest gold concentrations of the Bonaparte Lake survey area. Samples collected contain up to 1382 gold grains per 15 kg of bulk material with 75% of the grains having pristine morphology, suggesting a short distance of glacial transport.



### **5.3 “G” Property Boulder Age Dating**

A U-Pb zircon crystallization age of  $198.1 \pm 0.5$  Ma a gold-silver mineralized boulder indicates derivation from an early Jurassic age intrusion. This suggests it is derived from a felsic phase of the local bedrock, potentially the Thuya Batholith (195-205 Ma), and not from a distal younger Cretaceous intrusion.

## **6.0 EXPLORATION WORK - 2010**

The “G” property has undergone several small programs of geochemical and geophysical exploration since the early 1980s. The historic work on the property area is outlined in section 2.5 of this report.

### **6.1 Geochemical Program**

On Oct 21-22, 2010 four of the 2007 grid lines were extended to the east (Figure 3, 7). Prospecting and rock sampling by the author was conducted concurrently with the soil sampling program.

The property soil grid consists of lines “run” at UTM east-west orientation. In the property area, true north is  $2.1^\circ$  east of UTM grid north resulting in grid lines that are slightly less than  $090^\circ$  orientation. Line spacing is 100 metres with flagged grid stations at 25-metre intervals. The four 2010 grid lines totalled 2.5 kilometres.

Grid and soil sample co-ordinates are designated as northing and easting in North American Datum 1983 (Nad 83). The UTM system is advantageous to commonly used grid systems that often employ north-south and east-west co-ordinates that usually have no reference or connection to any real world grid system. Since locations for rock sampling are recorded in the UTM system, it was logical to employ the same system for soil grids. An example grid co-ordinate for UTM location 688400E; 5706575N is recorded and marked in the field as “G8400E; 6575N”.

A total of 103 soil samples were collected and shipped to Assayers Canada in Vancouver for gold and multi-element ICP analysis. Sample data for gold are plotted on Figure 7 (Appendix C).

### **6.2 Prospecting**

Logging roads and new clear-cuts were prospected as they provide the greatest likelihood of finding rock outcroppings or mineralized float. Heavily limonitic, sulphide rich or vein bearing bedrock and float were chip or grab sampled. A Garmin GPS was used to locate rock samples and the site was marked with flagging and/or aluminium tags. In all, thirteen rock samples were collected and submitted for gold and ICP analysis. Representative hand specimens of each sample were cut on a diamond saw for detailed description, comparison with historic samples and for possible future petrographic analysis. Appendix B contains the rock sample and specimen descriptions.

### **6.3 Sample Analysis**

Soil and rock samples were analyzed for 30 gram gold (fire assay) and 34 element Inductively Coupled Plasma Spectrometer (ICP). Gold is reported in parts per billion (ppb) while other elements are stated in parts per million (ppm) or percent. A Microsoft Excel spreadsheet containing the 2010 analytical data is presented in Appendix A along with the original certificates and laboratory analytical methodologies. In order to identify correlations and aid with interpretation non-statistical colour coding (conditional formatting) of the analytical data was used.



## 7.0 PROGRAM RESULTS

### 7.1 Soil Sampling

For interpretive purposes the 2010 geochemical data is plotted along with the 2007 data (Figure 7). Soil sampling yielded anomalous gold, silver and copper-in-soil however it is the gold results that are considered the most significant for the subject of this report.

Twelve soil samples out of the 103 collected contain  $\geq 75$  ppb with four exceeding 300 ppb Au. The most anomalous soil value (636 ppb Au) has coincident anomalous silver (9.8 ppm) and copper (313 ppm). This sample interestingly is part of a three sample anomaly at the east end of a line. There are no reported mineral occurrences in this area and it thus warrants cursory examination and/or further soil geochemical sampling.

### 7.2 Rock Sampling

Rock sampling yielded definitely anomalous precious metal results in two areas as follows:

#### Mineralized Float Area (Figure 7):

Prospecting in the southwest property area continues to yield more mineralized felsic intrusive float with the morphology pointing to a proximal source(s). Significant samples from 2010 are outlined below.

**GW10-02 (1.46 g/t Au, 21.8 g/t Ag)** – Numerous angular pieces from boulder that was at least 50 cm. Comprised of pale brown, fine-grained *felsic intrusive* with 3% disseminated iron oxide coated pyrite and abundant brown carbonate (ankerite).

**GW10-03 (3.31 g/t Au, 10.0 g/t Ag)** – Subangular *felsic intrusive* that resembles GW10-02 except is finely brecciated. Iron oxide coated pyrite (2%) as fine disseminations to irregular cubes to 5 mm, moderate amounts of ankeritic carbonate and scattered clots of fine-grained hematite.

**GW10-04 (4.05 g/t Au, 91.2 g/t Ag)** - Two angular boulders, one 10 cm thick slab (30x40 cm) the other 20x30 cm. Pale brown, medium-grained felsic intrusive with 3-5% disseminated oxide coated pyrite. Cut by several white quartz veinlets up to 5mm (Photo 2 below).



Photo 3 – Rock Sample GW10-04

The historic and recent rock samples are plotted on Figure 7. As can be seen the Au-Ag mineralized felsic intrusive type float display a distinct nearly north-south clustering extending over 520 metres. Such a spatial distribution would seem to indicate a source of considerable size. The mineralized float occurrences also display a fairly distinct easterly “margin” or cut-off. The 2010 prospecting efforts along roads and in newly logged areas east to northeast of these float occurrences failed to locate any similar material. When put into the context of the recently published glacial data it strongly suggests a very local source. It is conceivable that the source of the mineralized float in areas such as historic test pit “TP-5” could be much closer than postulated. Evaluation of the up-ice “vectors” by trenching and/or IP would seem to be logical exploration approaches.

#### **Newly Logged area north of Nehalliston Creek (Figure 7)**

Little is known of this area due to the general lack of outcroppings. Glacial till banks along some logging roads exceed five metres thick. Several very rusty weathering skarn float occurrences were discovered. The most significant rock sample from this area was G10-03 found along a new logging road and is described as a very rusty 20x30 cm subangular boulder of diopside-actinolite-garnet skarn containing locally abundant chalcopyrite. This sample assayed 258 ppb Au and 2254 ppm copper, 1071 ppm lead and 2936 ppm zinc. The occasional outcroppings in the area bear no resemblance to any of the rusty weathering float thus indicating these occurrences are transported from an area possibly northeasterly of their location (i.e. average of ice direction vectors). Examination along the Nehalliston Creek canyon did not reveal any mineralized zones however the thick brush and intermittent outcroppings did not afford a complete examination of the lithologic sequences.

## 8.0 CONCLUSIONS AND RECOMMENDATIONS

The G property is situated in an area of southern British Columbia that is endowed with excellent access and infrastructure. Geologically it falls within the mineral rich Quesnel Trough that is host to numerous copper-gold mineral occurrences as well as several former and currently producing mines. The property has the geologic potential to host skarn and intrusion related Au-Ag deposits. The most significant mineralization on the property is associated with numerous gold-silver bearing float occurrences of altered, pyrite ± hematite bearing felsic intrusive and volcanic rocks. The bedrock source(s) is yet unknown but is believed to be proximal.

The historic and recent exploration results justify additional exploration work with the primary goal being to locate the source of the mineralized felsic intrusive float. Prospecting is still worthwhile however it is apparent that other exploration techniques should be employed. Excavator trenching “up-ice” of areas with abundant float such as test pit TP-5 may prove beneficial since overburden thickness is generally thin. This type of work is recommended for smaller, lower cost exploration programs.

Since the mineralized float is often pyritic, Induced Polarization (IP) surveys should be considered along a series of 100 metre spaced east-west lines spanning the 500+ metre long mineralized float trend. Magnetic surveys should be run concurrent with IP as it may help delineate geologic contacts and/or alteration zones. Surveys should be of sufficient scope and extent to test the potential “up ice” source(s) of the float. IP anomalies especially in the “up-ice” vector range should initially be excavator trenched to evaluate the bedrock. Any success with this work program should be followed up by diamond drilling.

The anomalous soils on the 2010 eastern grid lines and the mineralized skarn float warrant investigation by prospecting and further soil sampling directed to the east. Soil sampling along the road system north of Nehalliston Creek may prove useful to trace and identify skarn mineralization in this area of the property especially if the ice movement vector is successfully identified in the mineralized float area.

Submitted By:

W. Gruenwald, P. Geo.

December 28, 2010



## **Appendix A**

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**Analytical Summary  
Laboratory Certificates  
Methodologies**

G Property Rock Samples - 2010

Assayers Certificate	Sample Name	Eastng NAD83	Northing NAD83	Fit Otc	Au ppb	Ag g/t	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
OV1866RG/RJ	G10-01	687688	5708594	Fit	4	0.8	0.47	8	39	6.8	<5	2.12	8	12	70	24	0.93	<1	0.07	<10	0.10	630	<2	0.03	10	0.17	362	0.31	<5	2	46	<5	0.21	<10	<10	14	<10	1228	8
OV1866RG/RJ	G10-02	687828	5708736	Fit	16	<0.2	2.01	37	22	6	5	1.90	3	35	78	133	8.40	<1	0.11	<10	1.81	889	14	0.03	92	0.16	2	4.12	6	7	25	<5	0.19	<10	171	201	<10	215	13
OV1866RG/RJ	G10-03	687899	5708727	Fit	258	5.2	0.61	1020	15	0.9	8	2.50	22	177	30	2254	12.32	<1	0.04	<10	0.25	1320	<2	0.01	29	0.03	1073	3.90	8	<1	7	<5	0.03	<10	244	31	<10	2936	4
OV1866RG/RJ	G10-04	688310	5708994	Fit	16	<0.2	2.14	17	13	6.7	<5	3.29	1	30	58	196	7.37	<1	0.05	<10	1.69	1073	8	0.03	19	0.17	21	2.89	<5	7	71	<5	0.20	<10	151	191	<10	95	12
OV1866RG/RJ	GW10-01	686841	5707215	Fit	20	<0.2	0.54	6	94	<0.5	<5	2.55	<1	14	25	48	3.31	<1	0.25	<10	0.69	829	<2	0.04	6	0.11	17	0.29	<5	3	152	<5	<0.01	<10	<10	28	<10	46	2
OV1866RG/RJ	GW10-02	686874	5707226	Fit	1464	21.8	0.46	30	68	<0.5	<5	3.31	<1	17	26	12	4.59	<1	0.14	<10	0.86	1218	<2	0.05	9	0.13	3	1.74	<5	6	187	<5	0.01	<10	23	29	<10	14	3
OV1866RG/RJ	GW10-03	686780	5707157	Fit	3314	10.0	0.17	14	90	<0.5	<5	2.67	<1	15	19	26	4.46	<1	0.02	<10	1.12	1196	<2	0.07	8	0.11	<2	1.61	<5	6	84	<5	0.01	<10	31	20	<10	16	2
OV1866RG/RJ	GW10-04	686730	5707200	Fit	4048	91.2	0.17	57	34	<0.5	<5	4.05	<1	16	30	48	4.81	<1	0.05	<10	1.17	1527	<2	0.06	9	0.17	6	2.36	5	10	193	<5	<0.01	<10	31	14	<10	20	3
OV1866RG/RJ	GW10-05	686780	5707570	Fit	330	1.3	1.03	<5	96	<0.5	5	5.35	1	52	16	18	6.43	<1	0.21	<10	1.13	837	<2	0.04	6	0.19	6	1.07	5	4	333	<5	<0.01	<10	80	73	<10	36	2
OV1866RG/RJ	GW10-06	686793	5706987	Fit	116	0.7	0.43	<5	153	<0.5	<5	2.00	<1	12	29	3	2.61	<1	0.22	<10	0.17	753	3	0.05	6	0.08	3	0.92	<5	1	47	<5	<0.01	<10	<10	10	<10	15	2
OV1866RG/RJ	GW10-07	687245	5707720	Fit	8	0.2	0.70	18	45	3.2	<5	0.66	<1	25	31	504	2.58	<1	0.11	<10	0.39	256	12	0.04	7	0.17	2	1.15	<5	1	33	<5	0.09	<10	<10	28	<10	21	5
OV1866RG/RJ	GW10-08	687060	5707952	Fit	6	<0.2	2.32	5	30	11	5	0.87	<1	49	52	434	5.71	<1	0.05	<10	2.10	662	2	0.03	45	0.10	5	1.39	<5	3	20	<5	0.33	<10	102	133	<10	43	3
OV1866RG/RJ	GW10-09	687154	5708177	Fit	5	<0.2	0.58	<5	<10	0.8	<5	7.52	1	14	54	6	5.89	<1	0.01	<10	0.06	1724	<2	0.01	3	0.08	31	0.48	<5	1	23	<5	0.04	<10	65	109	<10	132	6

G Property Soil Samples - 2010

Certificate Number	Sample Name	Easting (NAD83)	Northing (NAD83)	Au ppb	Ag g/t	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
0V1866SG/SJ	G8100N 7000	687000	5708100	36	<0.2	1.80	10	92	<0.5	<5	0.45	6	24	90	57	4.37	2	0.05	<10	1.05	458	<2	0.01	33	0.147	5	0.03	<5	4	24	<5	0.14	<10	<10	106	25	89	8
0V1866SG/SJ	G8100N 7025	687025	5708100	44	0.3	1.87	17	85	<0.5	<5	0.34	4	15	22	47	2.83	1	0.05	<10	0.44	168	<2	0.02	11	0.031	<2	0.03	<5	3	18	<5	0.14	<10	<10	67	16	37	14
0V1866SG/SJ	G8100N 7050	687050	5708100	8	0.6	2.08	<5	83	<0.5	<5	1.06	6	24	16	71	4.24	2	0.13	<10	0.86	638	<2	0.03	10	0.074	<2	0.06	<5	2	37	<5	0.22	<10	<10	117	21	73	12
0V1866SG/SJ	G8100N 7075	687075	5708100	15	0.5	1.19	8	52	<0.5	<5	0.33	3	13	31	17	2.22	<1	0.06	<10	0.43	191	2	0.02	12	0.048	4	0.02	<5	2	17	<5	0.15	<10	<10	60	13	52	5
0V1866SG/SJ	G8100N 7100	687100	5708100	8	0.7	2.05	<5	46	<0.5	<5	0.52	5	21	34	56	4.20	<1	0.10	<10	1.11	413	<2	0.02	15	0.062	2	0.03	<5	4	31	<5	0.20	<10	<10	122	21	58	8
0V1866SG/SJ	G8100N 7125	687125	5708100	7	0.3	1.98	<5	82	<0.5	<5	0.46	5	24	42	36	3.65	<1	0.09	<10	0.81	529	<2	0.02	19	0.130	3	0.02	<5	3	27	<5	0.15	<10	<10	91	20	63	8
0V1866SG/SJ	G8100N 7150	687150	5708100	9	<0.2	2.10	<5	84	<0.5	<5	0.37	4	19	40	29	3.58	<1	0.11	11	0.93	303	<2	0.02	24	0.043	3	0.02	<5	3	22	<5	0.16	<10	<10	87	20	59	10
0V1866SG/SJ	G8100N 7175	687175	5708100	20	<0.2	2.14	6	68	<0.5	<5	0.38	5	23	38	49	3.86	1	0.07	<10	1.12	356	<2	0.02	21	0.046	<2	0.02	<5	4	29	<5	0.18	<10	<10	115	22	64	8
0V1866SG/SJ	G8100N 7200	687200	5708100	21	<0.2	1.92	6	53	<0.5	<5	0.42	4	20	45	32	3.51	<1	0.12	12	1.05	448	<2	0.02	23	0.047	<2	0.02	<5	4	26	<5	0.17	<10	<10	88	19	57	7
0V1866SG/SJ	G8100N 7225	687225	5708100	20	<0.2	2.41	<5	64	<0.5	<5	0.53	6	27	33	75	4.77	1	0.28	<10	1.63	617	<2	0.02	19	0.064	2	0.03	<5	5	31	<5	0.20	<10	<10	131	26	62	9
0V1866SG/SJ	G8100N 7250	687250	5708100	16	<0.2	2.19	<5	58	<0.5	6	0.52	6	28	44	71	4.39	<1	0.17	11	1.5	584	<2	0.02	27	0.051	<2	0.03	<5	6	30	<5	0.20	<10	<10	120	24	62	10
0V1866SG/SJ	G8100N 7275	687275	5708100	51	0.2	2.48	<5	72	<0.5	5	0.64	7	26	47	200	5.06	<1	0.14	12	1.62	660	<2	0.02	29	0.058	<2	0.04	<5	6	44	<5	0.20	<10	<10	105	27	62	11
0V1866SG/SJ	G8100N 7300	687300	5708100	554	1.6	2.85	23	114	0.5	7	1.69	10	40	30	358	6.78	2	0.45	14	2.03	1394	<2	0.02	26	0.102	127	0.09	<5	18	78	<5	0.19	<10	<10	200	32	65	15
0V1866SG/SJ	G8100N 7325	687325	5708100	27	<0.2	2.10	9	51	<0.5	<5	0.35	4	20	35	40	3.44	<1	0.08	<10	0.95	320	<2	0.01	21	0.022	2	0.02	<5	4	21	<5	0.17	<10	<10	93	20	58	9
0V1866SG/SJ	G8100N 7350	687350	5708100	14	0.9	1.95	<5	68	<0.5	<5	0.33	4	25	18	54	3.37	<1	0.08	<10	0.74	866	<2	0.02	12	0.084	<2	0.02	<5	4	16	<5	0.19	<10	<10	101	17	102	8
0V1866SG/SJ	G8100N 7375	687375	5708100	17	0.4	1.94	<5	68	<0.5	<5	0.42	4	18	41	49	3.22	<1	0.09	13	0.83	576	<2	0.02	24	0.081	<2	0.02	<5	4	23	<5	0.14	<10	<10	73	17	65	7
0V1866SG/SJ	G8100N 7400	687400	5708100	9	0.5	1.67	16	80	<0.5	<5	0.40	4	20	26	41	3.26	<1	0.07	<10	0.63	660	<2	0.02	14	0.174	2	0.03	<5	3	22	<5	0.13	<10	<10	77	18	78	6
0V1866SG/SJ	G8100N 7425	687425	5708100	30	0.8	1.87	5	87	<0.5	<5	0.87	4	16	24	71	2.84	<1	0.04	<10	0.43	647	2	0.02	14	0.068	4	0.05	<5	3	28	<5	0.13	<10	<10	62	15	68	7
0V1866SG/SJ	G8100N 7450	687450	5708100	6	0.3	2.31	28	77	<0.5	<5	0.49	5	23	48	42	3.85	<1	0.08	11	0.93	546	<2	0.02	30	0.085	<2	0.03	<5	4	23	<5	0.16	<10	<10	95	19	78	8
0V1866SG/SJ	G8100N 7475	687475	5708100	29	0.3	2.14	14	76	<0.5	5	0.50	4	26	41	43	3.51	1	0.07	<10	0.82	510	<2	0.02	24	0.072	<2	0.03	<5	3	25	<5	0.16	<10	<10	88	19	83	8
0V1866SG/SJ	G8100N 7500	687500	5708100	53	0.9	3.10	20	107	0.5	6	0.66	7	43	38	103	4.65	1	0.12	<10	1.2	664	<2	0.02	31	0.153	<2	0.04	<5	4	38	<5	0.15	<10	<10	95	26	89	13
0V1866SG/SJ	G8200N 6950	686950	5708200	56	1.0	2.21	22	149	<0.5	<5	1.22	7	33	87	127	5.00	2	0.10	<10	1.62	1836	<2	0.02	44	0.074	3	0.08	<5	6	75	<5	0.17	<10	<10	125	27	86	9
0V1866SG/SJ	G8200N 6975	686975	5708200	20	<0.2	2.79	<5	139	<0.5	7	0.65	8	30	39	87	5.66	2	0.11	<10	1.73	522	2	0.01	22	0.064	<2	0.04	<5	3	33	<5	0.25	<10	<10	173	29	77	12
0V1866SG/SJ	G8200N 7000	687000	5708200	12	0.4	2.38	<5	105	<0.5	5	0.68	6	24	78	105	4.51	2	0.09	<10	1.24	743	<2	0.02	32	0.090	<2	0.04	<5	4	29	<5	0.14	<10	<10	104	23	119	10
0V1866SG/SJ	G8200N 7025	687025	5708200	17	1.1	3.76	<5	89	<0.5	9	0.82	9	40	10	334	6.87	2	0.63	<10	2.57	578	9	0.01	12	0.048	<2	0.04	<5	6	41	<5	0.37	<10	<10	229	30	85	12
0V1866SG/SJ	G8200N 7050	687050	5708200	6	0.5	2.66	<5	169	<0.5	7	0.48	7	38	34	75	4.67	1	0.26	<10	1.5	972	<2	0.02	20	0.083	<2	0.03	<5	4	24	<5	0.24	<10	<10	151	25	100	10
0V1866SG/SJ	G8200N 7075	687075	5708200	10	<0.2	2.45	<5	49	<0.5	<5	0.45	6	27	43	120	4.95	<1	0.14	<10	1.57	455	3	0.01	23	0.047	<2	0.02	<5	4	23	<5	0.22	<10	<10	139	26	63	11
0V1866SG/SJ	G8200N 7100	687100	5708200	8	<0.2	3.12	<5	54	<0.5	<5	0.69	8	35	5	48	6.07	3	0.24	<10	2.44	585	<2	0.02	9	0.081	<2	0.03	<5	4	38	<5	0.35	<10	<10	190	31	71	11
0V1866SG/SJ	G8200N 7125	687125	5708200	21	0.3	2.27	5	94	<0.5	<5	0.24	4	19	28	29	3.18	<1	0.06	<10	0.53	365	<2	0.02	22	0.172	5	0.02	<5	2	13	<5	0.14	<10	<10	74	18	75	8
0V1866SG/SJ	G8200N 7150	687150	5708200	4	0.6	3.67	<5	84	0.7	7	0.36	6	26	34	86	4.27	<1	0.11	<10	1	421	<2	0.02	26	0.127	<2	0.03	<5	4	17	<5	0.16	<10	<10	101	24	103	26
0V1866SG/SJ	G8200N 7175	687175	5708200	8	0.2	1.91	<5	70	<0.5	<5	0.29	4	16	59	29	3.29	<1	0.06	<10	0.84	254	<2	0.01	30	0.091	<2	0.01	<5	3	17	<5	0.13	<10	<10	76	18	70	9
0V1866SG/SJ	G8200N 7200	687200	5708200	11	0.7	2.60	<5	107	<0.5	<5	0.33	5	22	26	36	3.45	<1	0.10	<10	0.62	379	<2	0.02	25	0.302	<2	0.03	<5	2	16	<5	0.13	<10	<10	66	16	158	10
0V1866SG/SJ	G8200N 7225	687225	5708200	21	0.4	1.97	<5	50	<0.5	<5	0.39	5	23	36	135	3.95	<1	0.12	10	1.06	554	<2	0.01	24	0.087	2	0.02	<5	4	19	<5	0.12	<10	<10	85	19	60	8
0V1866SG/SJ	G8200N 7250	687250	5708200	17	<0.2	2.28	19	46	<0.5	<5	0.37	5	21	52	72	3.82	<1	0.06	<10	0.97	315	<2	0.01	28	0.069	2	0.02	<5	4	18	<5	0.13	<10	<10	101	21	64	8
0V1866SG/SJ	G8200N 7275	687275	5708200	34	0.9	3.20	<5	140	0.6	5	0.54	5	24	35	55	3.75	<1	0.10	<10	0.75	713	<2	0.02	29	0.173	3	0.03	<5	3	31	<5	0.12	<10	<10	69	21	131	20
0V1866SG/SJ	G8200N 7300	687300	5708200	44	0.5	3.24	<5	126	<0.5	8	0.63	8	41	26	340	5.78	1	0.27	<10	1.64	1312	<2	0.01	17	0.070	<2	0.03	<5	5	37	<5							

G Property Soil Samples - 2010

Certificate Number	Sample Name	Easting (NAD83)	Northing (NAD83)	Au ppb	Ag g/t	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
OV1866SG/SJ	G8300N 7350	687350	5708300	31	0.4	2.55	20	112	<0.5	5	0.51	6	28	43	80	4.58	1	0.06	<10	1.21	537	<2	0.01	23	0.046	2	0.03	<5	4	28	<5	0.14	<10	<10	107	24	102	11
OV1866SG/SJ	G8300N 7375	687375	5708300	46	0.8	3.57	39	155	<0.5	10	0.50	5	48	35	167	4.88	3	0.07	<10	1.04	1497	<2	0.01	31	0.178	23	0.03	<5	6	24	<5	0.16	<10	<10	110	<10	110	23
OV1866SG/SJ	G8300N 7400	687400	5708300	17	0.2	4.52	33	101	<0.5	18	0.60	7	59	24	233	8.70	3	0.32	<10	2.74	985	<2	<0.01	22	0.120	28	0.02	5	11	31	<5	0.29	<10	<10	331	<10	190	16
OV1866SG/SJ	G8300N 7425	687425	5708300	20	<0.2	1.93	14	108	<0.5	9	0.94	3	23	101	92	4.10	2	0.07	14	1.05	477	<2	<0.01	50	0.045	15	0.03	<5	8	27	<5	0.14	<10	<10	90	<10	54	16
OV1866SG/SJ	G8300N 7450	687450	5708300	28	0.9	2.48	13	92	<0.5	11	0.61	4	38	84	169	5.16	2	0.10	<10	1.65	868	<2	<0.01	45	0.120	15	0.03	<5	6	35	<5	0.15	<10	<10	115	<10	81	5
OV1866SG/SJ	G8300N 7475	687475	5708300	17	<0.2	3.14	<5	105	<0.5	15	0.61	5	37	45	136	7.11	2	0.88	<10	2.52	927	<2	<0.01	30	0.144	11	0.02	5	10	35	<5	0.26	<10	<10	225	<10	116	8
OV1866SG/SJ	G8300N 7500	687500	5708300	132	0.3	2.87	7	131	<0.5	11	0.48	4	34	63	113	5.11	2	0.14	<10	1.4	678	<2	0.01	39	0.204	16	0.02	<5	5	28	<5	0.13	<10	<10	93	<10	109	13
OV1866SG/SJ	G8300N 7525	687525	5708300	24	<0.2	1.79	6	131	<0.5	8	0.37	2	24	55	62	3.96	1	0.12	<10	0.97	661	<2	<0.01	30	0.180	11	0.02	<5	3	25	<5	0.13	<10	<10	76	<10	113	3
OV1866SG/SJ	G8300N 7550	687550	5708300	17	<0.2	2.33	<5	91	<0.5	9	0.35	3	31	72	72	4.42	2	0.12	<10	1.21	696	<2	<0.01	41	0.083	15	0.02	<5	4	22	<5	0.15	<10	<10	91	<10	129	7
OV1866SG/SJ	G8300N 7575	687575	5708300	344	1.4	2.83	22	155	0.6	13	0.40	4	48	35	246	5.82	1	0.09	<10	1.26	2429	<2	<0.01	20	0.202	16	0.03	<5	5	36	<5	0.08	<10	<10	94	<10	101	4
OV1866SG/SJ	G8300N 7600	687600	5708300	62	0.4	1.07	6	101	<0.5	7	0.75	2	29	21	66	3.67	2	0.06	<10	0.46	1960	<2	<0.01	10	0.278	4	0.08	<5	2	41	<5	0.07	<10	<10	51	<10	63	2
OV1866SG/SJ	G8300N 7625	687625	5708300	9	<0.2	2.03	13	241	<0.5	8	0.63	3	31	30	68	4.25	2	0.06	<10	0.63	2100	<2	0.01	18	0.549	10	0.05	<5	3	44	<5	0.11	<10	<10	60	<10	100	5
OV1866SG/SJ	G8400N 6825	686825	5708400	9	<0.2	1.53	<5	91	<0.5	10	0.82	3	25	87	41	5.19	2	0.08	<10	1.61	1141	<2	<0.01	32	0.139	5	0.09	<5	4	45	<5	0.12	<10	<10	120	<10	63	3
OV1866SG/SJ	G8400N 6850	686850	5708400	8	0.7	1.48	<5	402	<0.5	8	0.62	3	27	52	49	3.96	2	0.10	<10	0.79	3785	<2	<0.01	28	0.119	4	0.05	<5	3	41	<5	0.13	<10	<10	80	<10	213	1
OV1866SG/SJ	G8400N 6875	686875	5708400	34	<0.2	1.97	<5	99	<0.5	9	0.35	3	26	79	51	4.66	1	0.13	<10	1.26	621	<2	<0.01	38	0.182	13	0.02	<5	5	21	<5	0.14	<10	<10	103	<10	114	4
OV1866SG/SJ	G8400N 6900	686900	5708400	33	<0.2	1.72	6	47	<0.5	9	0.41	3	25	118	54	4.76	1	0.09	<10	1.39	468	<2	<0.01	45	0.075	11	0.02	<5	5	21	<5	0.15	<10	<10	109	<10	63	4
OV1866SG/SJ	G8400N 6925	686925	5708400	11	<0.2	1.39	7	76	<0.5	8	0.34	2	19	96	36	3.88	1	0.04	<10	0.98	495	<2	<0.01	35	0.116	9	0.01	<5	4	19	<5	0.12	<10	<10	85	<10	50	4
OV1866SG/SJ	G8400N 6950	686950	5708400	26	<0.2	1.43	8	59	<0.5	8	0.44	2	22	116	55	4.25	1	0.08	<10	1.29	491	<2	<0.01	43	0.090	8	0.02	<5	6	24	<5	0.14	<10	<10	91	<10	52	8
OV1866SG/SJ	G8400N 6975	686975	5708400	3	0.3	2.09	<5	80	<0.5	6	0.39	2	16	39	42	3.24	1	0.08	<10	0.48	524	<2	0.01	21	0.322	15	0.03	<5	2	17	<5	0.13	<10	<10	52	<10	91	12
OV1866SG/SJ	G8400N 7000	687000	5708400	12	0.4	2.33	<5	130	<0.5	9	0.55	4	29	72	50	4.48	2	0.17	<10	1.14	841	<2	0.01	49	0.171	16	0.03	<5	4	32	<5	0.15	<10	<10	91	<10	168	7
OV1866SG/SJ	G8400N 7025	687025	5708400	11	<0.2	1.73	<5	71	<0.5	8	0.40	2	24	52	31	4.22	1	0.10	<10	1.05	764	<2	<0.01	29	0.093	12	0.03	<5	3	22	<5	0.14	<10	<10	91	<10	100	4
OV1866SG/SJ	G8400N 7050	687050	5708400	8	<0.2	2.38	<5	101	<0.5	9	0.47	3	27	53	39	4.69	3	0.12	<10	1.18	663	<2	<0.01	36	0.171	18	0.02	<5	4	25	<5	0.16	<10	<10	99	<10	127	5
OV1866SG/SJ	G8400N 7075	687075	5708400	6	0.4	2.39	<5	89	<0.5	6	0.42	2	17	32	24	3.18	2	0.09	<10	0.48	437	<2	0.01	31	0.223	22	0.03	<5	2	17	<5	0.14	<10	<10	54	<10	137	12
OV1866SG/SJ	G8400N 7100	687100	5708400	38	0.5	3.24	<5	72	0.5	8	0.35	2	26	29	101	3.90	1	0.09	<10	0.99	410	<2	0.02	30	0.159	16	0.02	<5	3	20	<5	0.13	<10	<10	69	<10	183	21
OV1866SG/SJ	G8400N 7125	687125	5708400	46	0.5	2.55	<5	47	<0.5	7	0.25	1	15	15	79	3.50	1	0.04	<10	0.29	153	<2	0.02	8	0.176	14	0.03	<5	2	13	<5	0.11	<10	<10	47	<10	37	13
OV1866SG/SJ	G8400N 7150	687150	5708400	7	1.0	4.64	35	63	0.7	7	0.39	2	21	18	111	3.08	2	0.05	<10	0.27	238	<2	0.02	18	0.230	31	0.04	<5	3	15	<5	0.16	<10	<10	45	<10	86	61
OV1866SG/SJ	G8400N 7175	687175	5708400	149	0.3	2.00	12	46	<0.5	7	0.13	1	12	17	42	3.34	<1	0.03	<10	0.35	156	<2	0.02	10	0.153	15	0.02	<5	2	9	<5	0.15	<10	<10	72	<10	47	13
OV1866SG/SJ	G8400N 7200	687200	5708400	386	0.6	3.05	27	60	0.6	9	0.19	1	23	15	160	4.18	1	0.04	<10	0.55	337	2	0.02	15	0.073	55	0.02	<5	4	10	<5	0.13	<10	<10	70	<10	60	13
OV1866SG/SJ	G8400N 7225	687225	5708400	6	0.3	4.29	235	55	0.6	7	0.15	2	34	214	21	3.22	1	0.04	<10	0.85	307	<2	0.02	155	0.120	23	0.02	<5	3	9	<5	0.16	<10	<10	53	<10	70	40
OV1866SG/SJ	G8400N 7300	687300	5708400	14	0.2	2.03	12	84	<0.5	7	0.38	1	19	52	34	3.65	1	0.05	<10	1.13	383	<2	0.01	27	0.048	9	0.02	<5	3	25	<5	0.12	<10	<10	78	<10	61	3
OV1866SG/SJ	G8400N 7325	687325	5708400	4	0.5	2.51	12	69	<0.5	5	0.46	1	16	26	15	2.66	1	0.11	<10	0.33	250	<2	0.02	24	0.161	15	0.02	<5	2	19	<5	0.13	<10	<10	46	<10	78	17
OV1866SG/SJ	G8400N 7350	687350	5708400	24	0.6	3.19	10	104	<0.5	11	0.53	2	36	83	114	5.26	2	0.26	<10	1.84	745	<2	0.01	46	0.050	13	0.02	<5	7	33	<5	0.20	<10	<10	125	<10	93	9
OV1866SG/SJ	G8400N 7375	687375	5708400	20	0.5	2.24	8	90	<0.5	8	0.34	1	26	36	50	3.54	1	0.09	<10	0.96	573	<2	0.01	27	0.098	10	0.01	<5	3	23	<5	0.12	<10	<10	67	<10	67	4
OV1866SG/SJ	G8400N 7400	687400	5708400	14	0.2	2.89	<5	75	<0.5	7	0.26	1	23	31	78	3.57	1	0.06	<10	0.88	315	<2	0.02	22	0.046	14	0.01	<5	3	18	<5	0.13	<10	<10	72	<10	83	15
OV1866SG/SJ	G8400N 7325	687425	5708400	64	0.5	2.49	14	65	<0.5	<5	0.42	2	15	25	16	2.59	1	0.11	<10	0.31	231	<2	0.02	21	0.147	6	0.02	12	2	18	<5	0.12	<10	<10	49	<10	73	18
OV1866SG/SJ	G8400N 7450	687450	5708400	244	4.2	2.80	48	135	0.5	15	0.86	2	60	10	282	6.24	2	0.09	<10	1.23	1657	<2	0.01	15	0.135	9	0.07	<5	3	50								



SGS Canada Inc.  
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## CERTIFICATE OF ANALYSIS

0V-1866-RG1

Company: **Geoquest Consulting Ltd.**  
Project: **G129**  
Attn: **Warner Gruenwald**

Dec-01-10

We hereby certify the following geochemical analysis of 13 rock samples submitted Oct-27-10

Sample Name	Au ppb	Au-Check ppb
G10-01	4	
G10-02	16	
G10-03	258	
G10-04	16	
GW10-01	20	
GW10-02	1464	1597
GW10-03	3314	
GW10-04	4048	
GW10-05	330	
GW10-06	116	
GW10-07	8	
GW10-08	6	
GW10-09	5	
*OXF65	750	
*BLANK	<1	

Au F.A. AA finish

Certified by \_\_\_\_\_



SGS Canada Inc.

8282 Sherbrooke Street, Vancouver, British Columbia, V5X 4R6

T: (604) 327-3436 F: (604) 327-3423

Report No : 0V1866RJ

Date : Dec-01-10

Sample type : ROCK

Geoquest Consulting Ltd.

Project : G129

Attention : Warner Gruenwald

Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
G10-01	0.8	0.47	8	39	6.8	<5	2.12	8	12	70	24	0.93	<1	0.07	<10	0.10	630	<2	0.03	10	0.174	362	0.31	<5	2	46	<5	0.21	<10	<10	14	<10	1228	8
G10-02	<0.2	2.01	37	22	6.0	5	1.90	3	35	78	133	8.40	<1	0.11	<10	1.81	889	141	0.03	92	0.155	2	4.12	6	7	25	<5	0.19	<10	171	201	<10	215	13
G10-03	5.2	0.61	1020	15	0.9	8	2.50	22	177	30	2254	12.32	<1	0.04	<10	0.25	1320	<2	0.01	29	0.033	1071	3.90	8	<1	7	<5	0.03	<10	244	31	<10	2936	4
G10-04	<0.2	2.14	17	13	6.7	<5	3.29	1	30	58	196	7.37	<1	0.05	<10	1.69	1073	8	0.03	19	0.174	21	2.89	<5	7	71	<5	0.20	<10	151	191	<10	95	12
GW10-01	<0.2	0.54	6	94	<0.5	<5	2.55	<1	14	25	48	3.31	<1	0.25	<10	0.69	829	<2	0.04	6	0.106	17	0.29	<5	3	152	<5	<0.01	<10	<10	28	<10	46	2
GW10-02	21.8	0.46	30	68	<0.5	<5	3.31	<1	17	26	12	4.59	<1	0.14	<10	0.86	1218	<2	0.05	9	0.126	3	1.74	<5	6	187	<5	0.01	<10	23	29	<10	14	3
GW10-03	10.0	0.17	14	90	<0.5	<5	2.67	<1	15	19	26	4.46	<1	0.02	<10	1.12	1196	<2	0.07	8	0.105	<2	1.61	<5	6	84	<5	0.01	<10	31	20	<10	16	2
GW10-04	91.2	0.17	57	34	<0.5	<5	4.05	<1	16	30	48	4.81	<1	0.05	<10	1.17	1527	<2	0.06	9	0.166	6	2.36	5	10	193	<5	<0.01	<10	31	14	<10	20	3
GW10-05	1.3	1.03	<5	96	<0.5	5	5.35	1	52	16	18	6.43	<1	0.21	<10	1.13	837	<2	0.04	6	0.193	6	1.07	5	4	333	<5	<0.01	<10	80	73	<10	36	2
GW10-06	0.7	0.43	<5	153	<0.5	<5	2.00	<1	12	29	3	2.61	<1	0.22	<10	0.17	753	3	0.05	6	0.084	3	0.92	<5	1	47	<5	<0.01	<10	<10	10	<10	15	2
GW10-07	0.2	0.70	18	45	3.2	<5	0.66	<1	25	31	504	2.58	<1	0.11	<10	0.39	256	12	0.04	7	0.174	2	1.15	<5	1	33	<5	0.09	<10	<10	28	<10	21	5
GW10-08	<0.2	2.32	5	30	11.0	5	0.87	<1	49	52	434	5.71	<1	0.05	<10	2.10	662	2	0.03	45	0.099	5	1.39	<5	3	20	<5	0.33	<10	102	133	<10	43	3
GW10-09	<0.2	0.58	<5	<10	0.8	<5	7.52	1	14	54	6	5.89	<1	0.01	<10	0.06	1724	<2	0.01	3	0.080	31	0.48	<5	1	23	<5	0.04	<10	65	109	<10	132	6
<b>Duplicates:</b>																																		
G10-01	0.7	0.46	9	46	6.4	<5	2.19	8	11	65	23	0.94	<1	0.07	<10	0.10	621	<2	0.02	10	0.169	430	0.35	<5	2	48	<5	0.20	<10	<10	14	<10	1265	8
GW10-06	0.6	0.43	<5	142	<0.5	<5	2.04	<1	11	28	3	2.63	<1	0.22	<10	0.19	770	3	0.05	5	0.079	3	0.88	<5	1	49	<5	<0.01	<10	11	10	<10	17	2
<b>Standards:</b>																																		
Blank	<0.2	<0.01	<5	<10	<0.5	<5	<0.01	<1	<1	<1	1	0.03	1	<0.01	<10	0.03	<5	<2	<0.01	1	<0.001	<2	<0.01	<5	<1	<1	<5	<0.01	<10	<10	<1	<10	1	<1
CH-4	2.5	1.83	10	275	6.3	<5	0.60	1	22	107	2177	4.74	<1	1.43	<10	1.22	325	2	0.05	47	0.060	14	0.61	<5	7	9	<5	0.20	<10	47	81	<10	196	9

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.



SGS Canada Inc.  
8282 Sherbrooke Street  
Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0V-1866-SG1

Company: **Geoquest Consulting Ltd.**  
Project: **G129**  
Attn: **Warner Gruenwald**

Dec-01-10

We hereby certify the following geochemical analysis of 22 soil samples submitted Oct-27-10

Sample Name	Au ppb
G8100N 7000E	36
G8100N 7025E	44
G8100N 7050E	8
G8100N 7075E	15
G8100N 7100E	8
G8100N 7125E	7
G8100N 7150E	9
G8100N 7175E	20
G8100N 7200E	21
G8100N 7225E	20
G8100N 7250E	16
G8100N 7275E	51
G8100N 7300E	554
G8100N 7325E	27
G8100N 7350E	14
G8100N 7375E	17
G8100N 7400E	9
G8100N 7425E	30
G8100N 7450E	6
G8100N 7475E	29
G8100N 7500E	53
G8200N 6950E	56
*OXF65	784
*BLANK	<2

Au 15g F.A. AA finish

Certified by \_\_\_\_\_





SGS Canada Inc.  
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Vancouver, British Columbia V5X 4R6  
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## CERTIFICATE OF ANALYSIS

0V-1866-SG2

Company: **Geoquest Consulting Ltd.**  
Project: **G129**  
Attn: **Warner Gruenwald**

Dec-01-10

We hereby certify the following geochemical analysis of 22 soil samples submitted Oct-27-10

Sample Name	Au ppb
G8200N 6975E	20
G8200N 7000E	12
G8200N 7025E	17
G8200N 7050E	6
G8200N 7075E	10
G8200N 7100E	8
G8200N 7125E	21
G8200N 7150E	4
G8200N 7175E	8
G8200N 7200E	11
G8200N 7225E	21
G8200N 7250E	17
G8200N 7275E	34
G8200N 7300E	44
G8200N 7325E	26
G8200N 7350E	12
G8200N 7375E	17
G8200N 7400E	32
G8200N 7425E	16
G8200N 7450E	636
G8200N 7475E	81
G8200N 7500E	136
*OXF65	730
*BLANK	<2

Au 15g F.A. AA finish

Certified by \_\_\_\_\_



SGS Canada Inc.  
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Vancouver, British Columbia V5X 4R6  
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## CERTIFICATE OF ANALYSIS

0V-1866-SG3

Company: **Geoquest Consulting Ltd.**  
Project: **G129**  
Attn: **Warner Gruenwald**

Dec-01-10

We hereby certify the following geochemical analysis of 22 soil samples submitted Oct-27-10

Sample Name	Au ppb
G8300N 6825E	24
G8300N 6850E	4
G8300N 6875E	16
G8300N 6900E	20
G8300N 6925E	<2
G8300N 6950E	11
G8300N 6975E	5
G8300N 7000E	10
G8300N 7025E	8
G8300N 7050E	11
G8300N 7075E	6
G8300N 7100E	5
G8300N 7125E	15
G8300N 7150E	8
G8300N 7175E	21
G8300N 7200E	37
G8300N 7225E	149
G8300N 7250E	7
G8300N 7275E	157
G8300N 7300E	8
G8300N 7325E	44
G8300N 7350E	31
*OXF65	748
*BLANK	<2

Au 15g F.A. AA finish

Certified by \_\_\_\_\_



SGS Canada Inc.  
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## CERTIFICATE OF ANALYSIS

0V-1866-SG4

Company: **Geoquest Consulting Ltd.**  
Project: **G129**  
Attn: **Warner Gruenwald**

Dec-01-10

We *hereby certify* the following geochemical analysis of 22 soil samples submitted Oct-27-10

Sample Name	Au ppb
G8300N 7375E	46
G8300N 7400E	17
G8300N 7425E	20
G8300N 7450E	28
G8300N 7475E	17
G8300N 7500E	132
G8300N 7525E	24
G8300N 7550E	17
G8300N 7575E	344
G8300N 7600E	82
G8300N 7625E	12
G8400N 6825E	9
G8400N 6850E	8
G8400N 6875E	34
G8400N 6900E	33
G8400N 6925E	11
G8400N 6950E	26
G8400N 6975E	3
G8400N 7000E	12
G8400N 7025E	11
G8400N 7050E	8
G8400N 7075E	6
*OXF65	775
*BLANK	<2

Au 15g F.A. AA finish

Certified by \_\_\_\_\_



SGS Canada Inc.  
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Vancouver, British Columbia V5X 4R6  
T: (604) 327-3436 F: (604) 327-3423

## CERTIFICATE OF ANALYSIS

0V-1866-SG5

Company: **Geoquest Consulting Ltd.**  
Project: **G129**  
Attn: **Warner Gruenwald**

Dec-01-10

We hereby certify the following geochemical analysis of 17 soil samples submitted Oct-27-10

Sample Name	Au ppb
G8400N 7100E	38
G8400N 7125E	46
G8400N 7150E	7
G8400N 7175E	149
G8400N 7200E	386
G8400N 7225E	6
G8400N 7250E-NR	
G8400N 7275E-NR	
G8400N 7300E	14
G8400N 7325E	4
G8400N 7350E	24
G8400N 7375E	20
G8400N 7400E	14
G8400N 7425E	64
G8400N 7450E	244
G8400N 7475E	19
G8400N 7500E	89
*OXF65	786
*BLANK	2

Au 15g F.A. AA finish

Certified by \_\_\_\_\_



# SGS Canada Inc.

8282 Sherbrooke Street, Vancouver, British Columbia, V5X 4R6

T: (604) 327-3436 F: (604) 327-3423

Report No : 0V1866SJ

Date : Dec-01-10

Sample type : SOIL

## Geoquest Consulting Ltd.

Project : G129

Attention : Warner Gruenwald

### Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
G8100N 7000E	<0.2	1.80	10	92	<0.5	<5	0.45	6	24	90	57	4.37	2	0.05	<10	1.05	458	<2	0.01	33	0.147	5	0.03	<5	4	24	<5	0.14	<10	<10	106	25	89	8
G8100N 7025E	0.3	1.87	17	85	<0.5	<5	0.34	4	15	22	47	2.83	1	0.05	<10	0.44	168	<2	0.02	11	0.031	<2	0.03	<5	3	18	<5	0.14	<10	<10	67	16	37	14
G8100N 7050E	0.6	2.08	<5	83	<0.5	<5	1.06	6	24	16	71	4.24	2	0.13	<10	0.86	638	<2	0.03	10	0.074	<2	0.06	<5	2	37	<5	0.22	<10	<10	117	21	73	12
G8100N 7075E	0.5	1.19	8	52	<0.5	<5	0.33	3	13	31	17	2.22	<1	0.06	<10	0.43	191	2	0.02	12	0.048	4	0.02	<5	2	17	<5	0.15	<10	<10	60	13	52	5
G8100N 7100E	0.7	2.05	<5	46	<0.5	<5	0.52	5	21	34	56	4.20	<1	0.10	<10	1.11	413	<2	0.02	15	0.062	2	0.03	<5	4	31	<5	0.20	<10	<10	122	21	58	8
G8100N 7125E	0.3	1.98	<5	82	<0.5	<5	0.46	5	24	42	36	3.65	<1	0.09	<10	0.81	529	<2	0.02	19	0.130	3	0.02	<5	3	27	<5	0.15	<10	<10	91	20	63	8
G8100N 7150E	<0.2	2.10	<5	84	<0.5	<5	0.37	4	19	40	29	3.58	<1	0.11	11	0.93	303	<2	0.02	24	0.043	3	0.02	<5	3	22	<5	0.16	<10	<10	87	20	59	10
G8100N 7175E	<0.2	2.14	6	68	<0.5	<5	0.38	5	23	38	49	3.86	1	0.07	<10	1.12	356	<2	0.02	21	0.046	<2	0.02	<5	4	29	<5	0.18	<10	<10	115	22	64	8
G8100N 7200E	<0.2	1.92	6	53	<0.5	<5	0.42	4	20	45	32	3.51	<1	0.12	12	1.05	448	<2	0.02	23	0.047	<2	0.02	<5	4	26	<5	0.17	<10	<10	88	19	57	7
G8100N 7225E	<0.2	2.41	<5	64	<0.5	<5	0.53	6	27	33	75	4.77	1	0.28	<10	1.63	617	<2	0.02	19	0.064	2	0.03	<5	5	31	<5	0.20	<10	<10	131	26	62	9
G8100N 7250E	<0.2	2.19	<5	58	<0.5	6	0.52	6	28	44	71	4.39	<1	0.17	11	1.50	584	<2	0.02	27	0.051	<2	0.03	<5	6	30	<5	0.20	<10	<10	120	24	62	10
G8100N 7275E	0.2	2.48	<5	72	<0.5	5	0.64	7	26	47	200	5.06	<1	0.14	12	1.62	660	<2	0.02	29	0.058	<2	0.04	<5	6	44	<5	0.20	<10	<10	105	27	62	11
G8100N 7300E	1.6	2.85	23	114	0.5	7	1.69	10	40	30	358	6.78	2	0.45	14	2.03	1394	<2	0.02	26	0.102	127	0.09	<5	18	78	<5	0.19	<10	<10	200	32	65	15
G8100N 7325E	<0.2	2.10	9	51	<0.5	<5	0.35	4	20	35	40	3.44	<1	0.08	<10	0.95	320	<2	0.01	21	0.022	2	0.02	<5	4	21	<5	0.17	<10	<10	93	20	58	9
G8100N 7350E	0.9	1.95	<5	68	<0.5	<5	0.33	4	25	18	54	3.37	<1	0.08	<10	0.74	866	<2	0.02	12	0.084	<2	0.02	<5	4	16	<5	0.19	<10	<10	101	17	102	8
G8100N 7375E	0.4	1.94	<5	68	<0.5	<5	0.42	4	18	41	49	3.22	<1	0.09	13	0.83	576	<2	0.02	24	0.081	<2	0.02	<5	4	23	<5	0.14	<10	<10	73	17	65	7
G8100N 7400E	0.5	1.67	16	80	<0.5	<5	0.40	4	20	26	41	3.26	<1	0.07	<10	0.63	660	<2	0.02	14	0.174	2	0.03	<5	3	22	<5	0.13	<10	<10	77	18	78	6
G8100N 7425E	0.8	1.87	5	87	<0.5	<5	0.87	4	16	24	71	2.84	<1	0.04	<10	0.43	647	2	0.02	14	0.068	4	0.05	<5	3	28	<5	0.13	<10	<10	62	15	68	7
G8100N 7450E	0.3	2.31	28	77	<0.5	<5	0.49	5	23	48	42	3.85	<1	0.08	11	0.93	546	<2	0.02	30	0.085	<2	0.03	<5	4	23	<5	0.16	<10	<10	95	19	78	8
G8100N 7475E	0.3	2.14	14	76	<0.5	5	0.50	4	26	41	43	3.51	1	0.07	<10	0.82	510	<2	0.02	24	0.072	<2	0.03	<5	3	25	<5	0.16	<10	<10	88	19	83	8
G8100N 7500E	0.9	3.10	20	107	0.5	6	0.66	7	43	38	103	4.65	1	0.12	<10	1.20	664	<2	0.02	31	0.153	<2	0.04	<5	4	38	<5	0.15	<10	<10	95	26	89	13
G8200N 6950E	1.0	2.21	22	149	<0.5	<5	1.22	7	33	87	127	5.00	2	0.10	<10	1.62	1836	<2	0.02	44	0.074	3	0.08	<5	6	75	<5	0.17	<10	<10	125	27	86	9
G8200N 6975E	<0.2	2.79	<5	139	<0.5	7	0.65	8	30	39	87	5.66	2	0.11	<10	1.73	522	2	0.01	22	0.064	<2	0.04	<5	3	33	<5	0.25	<10	<10	173	29	77	12
G8200N 7000E	0.4	2.38	<5	105	<0.5	5	0.68	6	24	78	105	4.51	2	0.09	<10	1.24	743	<2	0.02	32	0.090	<2	0.04	<5	4	29	<5	0.14	<10	<10	104	23	119	10
G8200N 7025E	1.1	3.76	<5	89	<0.5	9	0.82	9	40	10	334	6.87	2	0.63	<10	2.57	578	9	0.01	12	0.048	<2	0.04	<5	6	41	<5	0.37	<10	<10	229	30	85	12
G8200N 7050E	0.5	2.66	<5	169	<0.5	7	0.48	7	38	34	75	4.67	1	0.26	<10	1.50	972	<2	0.02	20	0.083	<2	0.03	<5	4	24	<5	0.24	<10	<10	151	25	100	10
G8200N 7075E	<0.2	2.45	<5	49	<0.5	<5	0.45	6	27	43	120	4.95	<1	0.14	<10	1.57	455	3	0.01	23	0.047	<2	0.02	<5	4	23	<5	0.22	<10	<10	139	26	63	11
G8200N 7100E	<0.2	3.12	<5	54	<0.5	<5	0.69	8	35	5	48	6.07	3	0.24	<10	2.44	585	<2	0.02	9	0.081	<2	0.03	<5	4	38	<5	0.35	<10	<10	190	31	71	11
G8200N 7125E	0.3	2.27	5	94	<0.5	<5	0.24	4	19	28	29	3.18	<1	0.06	<10	0.53	365	<2	0.02	22	0.172	5	0.02	<5	2	13	<5	0.14	<10	<10	74	18	75	8
G8200N 7150E	0.6	3.67	<5	84	0.7	7	0.36	6	26	34	86	4.27	<1	0.11	<10	1.00	421	<2	0.02	26	0.127	<2	0.03	<5	4	17	<5	0.16	<10	<10	101	24	103	26

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.



# SGS Canada Inc.

8282 Sherbrooke Street, Vancouver, British Columbia, V5X 4R6

T: (604) 327-3436 F: (604) 327-3423

Report No : 0V1866SJ

Date : Dec-01-10

Sample type : SOIL

## Geoquest Consulting Ltd.

Project : G129

### Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Attention : Warner Gruenwald

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
G8200N 7175E	0.2	1.91	<5	70	<0.5	<5	0.29	4	16	59	29	3.29	<1	0.06	<10	0.84	254	<2	0.01	30	0.091	<2	0.01	<5	3	17	<5	0.13	<10	<10	76	18	70	9
G8200N 7200E	0.7	2.60	<5	107	<0.5	<5	0.33	5	22	26	36	3.45	<1	0.10	<10	0.62	379	<2	0.02	25	0.302	<2	0.03	<5	2	16	<5	0.13	<10	<10	66	16	158	10
G8200N 7225E	0.4	1.97	<5	50	<0.5	<5	0.39	5	23	36	135	3.95	<1	0.12	10	1.06	554	<2	0.01	24	0.087	2	0.02	<5	4	19	<5	0.12	<10	<10	85	19	60	8
G8200N 7250E	<0.2	2.28	19	46	<0.5	<5	0.37	5	21	52	72	3.82	<1	0.06	<10	0.97	315	<2	0.01	28	0.069	2	0.02	<5	4	18	<5	0.13	<10	<10	101	21	64	8
G8200N 7275E	0.9	3.20	<5	140	0.6	5	0.54	5	24	35	55	3.75	<1	0.10	<10	0.75	713	<2	0.02	29	0.173	3	0.03	<5	3	31	<5	0.12	<10	<10	69	21	131	20
G8200N 7300E	0.5	3.24	<5	126	<0.5	8	0.63	8	41	26	340	5.78	1	0.27	<10	1.64	1312	<2	0.01	17	0.070	<2	0.03	<5	5	37	<5	0.20	<10	<10	181	28	78	13
G8200N 7325E	0.5	2.47	<5	121	<0.5	6	0.41	6	31	78	104	4.74	1	0.10	<10	1.33	763	<2	0.01	36	0.172	<2	0.02	<5	5	27	<5	0.11	<10	<10	103	25	101	14
G8200N 7350E	0.6	2.42	<5	121	<0.5	<5	0.48	5	26	64	65	4.46	<1	0.13	<10	1.08	861	<2	0.02	29	0.149	3	0.02	<5	4	29	<5	0.12	<10	<10	89	23	86	11
G8200N 7375E	0.8	2.37	<5	117	<0.5	5	0.75	5	28	54	165	4.02	1	0.12	<10	0.95	899	<2	0.02	32	0.238	2	0.04	<5	4	36	<5	0.11	<10	<10	81	18	90	15
G8200N 7400E	0.2	2.84	<5	52	<0.5	5	0.59	8	34	78	231	5.92	<1	0.10	<10	2.09	612	<2	0.01	41	0.084	<2	0.03	<5	7	29	<5	0.18	<10	<10	156	30	81	14
G8200N 7425E	0.8	2.64	<5	127	<0.5	<5	0.61	5	23	78	74	4.16	<1	0.12	<10	1.10	738	<2	0.01	40	0.251	<2	0.03	<5	4	34	<5	0.11	<10	<10	84	21	101	10
G8200N 7450E	9.8	3.00	36	76	0.6	11	0.63	10	62	20	313	6.74	<1	0.06	<10	1.20	1525	<2	0.01	12	0.115	8	0.05	<5	4	33	<5	0.11	<10	<10	132	33	78	13
G8200N 7475E	4.2	3.41	<5	79	0.6	7	0.43	6	31	26	150	4.67	<1	0.06	<10	0.93	559	<2	0.02	21	0.120	3	0.03	<5	4	27	<5	0.13	<10	<10	90	25	74	23
G8200N 7500E	5.7	2.66	17	139	<0.5	<5	1.16	7	30	31	108	4.98	2	0.09	<10	0.93	2048	<2	0.02	20	0.152	2	0.07	<5	4	64	<5	0.12	<10	<10	93	25	79	10
G8300N 6825E	0.4	2.10	<5	98	<0.5	7	0.24	6	21	43	33	4.29	2	0.10	<10	0.81	448	<2	0.02	17	0.306	10	0.02	<5	3	17	<5	0.16	<10	<10	93	22	150	10
G8300N 6850E	0.4	0.77	6	149	<0.5	<5	0.13	3	13	14	6	2.04	1	0.03	<10	0.11	696	<2	0.02	4	0.206	5	0.01	<5	1	10	<5	0.10	<10	<10	51	12	75	5
G8300N 6875E	0.4	2.51	<5	124	0.5	<5	0.89	7	26	83	84	5.08	2	0.06	<10	1.65	1207	<2	0.02	37	0.062	3	0.06	<5	5	50	<5	0.14	<10	<10	115	27	78	9
G8300N 6900E	0.8	1.85	<5	104	<0.5	7	1.22	6	22	72	92	4.37	3	0.11	<10	1.47	1496	<2	0.01	32	0.141	3	0.09	<5	4	58	<5	0.10	<10	<10	96	22	68	8
G8300N 6925E	1.5	1.67	<5	167	<0.5	<5	0.23	4	16	19	11	2.60	1	0.08	<10	0.26	1976	<2	0.02	8	0.473	6	0.02	<5	2	15	<5	0.10	<10	<10	45	13	131	6
G8300N 6950E	0.3	2.45	<5	108	<0.5	6	0.43	5	21	38	48	4.00	1	0.13	<10	1.04	533	<2	0.02	27	0.288	<2	0.02	<5	4	27	<5	0.12	<10	<10	80	19	140	11
G8300N 6975E	0.3	2.82	<5	88	0.5	6	0.41	6	24	40	49	4.44	1	0.14	<10	1.11	407	<2	0.02	28	0.112	<2	0.02	<5	3	23	<5	0.15	<10	<10	94	21	105	15
G8300N 7000E	<0.2	2.31	<5	66	<0.5	<5	0.50	6	23	46	55	4.57	1	0.17	<10	1.30	531	<2	0.01	27	0.071	<2	0.02	<5	4	26	<5	0.17	<10	<10	108	25	92	10
G8300N 7025E	0.6	2.87	<5	75	0.5	5	0.36	5	20	35	59	3.83	<1	0.12	<10	0.87	383	<2	0.02	29	0.214	3	0.02	<5	4	21	<5	0.13	<10	<10	74	20	97	20
G8300N 7050E	0.3	2.76	<5	92	<0.5	5	0.38	5	24	31	77	4.06	<1	0.13	<10	1.03	413	<2	0.02	28	0.101	<2	0.02	<5	3	21	<5	0.15	<10	<10	88	23	100	13
G8300N 7075E	0.2	4.05	<5	111	<0.5	9	0.79	9	50	23	480	5.94	3	0.09	<10	2.15	511	6	0.02	34	0.064	<2	0.04	<5	5	32	<5	0.21	<10	<10	163	29	88	19
G8300N 7100E	0.7	3.38	<5	85	0.6	<5	0.26	3	14	29	22	3.07	<1	0.05	<10	0.40	165	<2	0.02	16	0.350	2	0.02	<5	2	12	<5	0.13	<10	<10	56	17	85	23
G8300N 7125E	<0.2	2.15	5	59	<0.5	<5	0.32	4	25	24	276	3.97	1	0.04	<10	0.60	356	<2	0.02	13	0.098	2	0.02	<5	2	16	<5	0.17	<10	<10	95	21	62	10
G8300N 7150E	0.8	3.38	31	79	0.5	6	0.27	4	15	20	40	3.22	<1	0.04	<10	0.28	229	<2	0.02	12	0.336	3	0.03	<5	2	13	<5	0.15	<10	<10	62	19	63	19
G8300N 7175E	0.2	3.20	<5	79	<0.5	8	0.46	7	29	45	373	5.07	1	0.10	<10	1.67	611	<2	0.01	30	0.102	<2	0.03	<5	5	26	<5	0.16	<10	<10	124	26	121	12
G8300N 7200E	0.2	2.65	<5	89	<0.5	6	0.36	5	22	23	128	3.78	<1	0.05	<10	0.95	365	<2	0.02	19	0.064	<2	0.03	<5	3	20	<5	0.14	<10	<10	83	17	119	7

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.



# SGS Canada Inc.

8282 Sherbrooke Street, Vancouver, British Columbia, V5X 4R6

T: (604) 327-3436 F: (604) 327-3423

Report No : 0V1866SJ

Date : Dec-01-10

Sample type : SOIL

## Geoquest Consulting Ltd.

Project : G129

Attention : Warner Gruenwald

### Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
G8300N 7225E	<0.2	2.88	<5	96	<0.5	6	0.44	7	27	49	168	4.76	<1	0.09	<10	1.48	527	<2	0.01	32	0.044	<2	0.03	<5	4	26	<5	0.15	<10	<10	124	24	120	13
G8300N 7250E	0.4	2.52	<5	61	<0.5	<5	0.39	5	18	33	51	3.83	<1	0.04	<10	0.71	357	<2	0.02	15	0.033	<2	0.03	<5	3	17	<5	0.11	<10	<10	80	21	42	16
G8300N 7275E	0.7	3.10	24	132	0.5	7	0.96	8	41	51	186	5.87	2	0.12	<10	1.53	1478	<2	0.02	30	0.210	<2	0.05	<5	5	43	<5	0.13	<10	<10	136	31	88	13
G8300N 7300E	0.5	2.48	<5	63	<0.5	8	0.28	6	23	17	59	4.42	<1	0.07	<10	0.78	577	<2	0.02	10	0.430	189	0.02	<5	5	15	<5	0.13	<10	<10	107	24	125	11
G8300N 7325E	3.5	4.76	8	71	0.8	8	0.66	9	43	186	452	5.98	1	0.10	<10	2.23	778	<2	0.02	88	0.139	7	0.04	<5	7	22	<5	0.16	<10	<10	131	30	99	33
G8300N 7350E	0.4	2.55	20	112	<0.5	5	0.51	6	28	43	80	4.58	1	0.06	<10	1.21	537	<2	0.01	23	0.046	2	0.03	<5	4	28	<5	0.14	<10	<10	107	24	102	11
G8300N 7375E	0.8	3.57	39	155	<0.5	10	0.50	5	48	35	167	4.88	3	0.07	<10	1.04	1497	<2	0.01	31	0.178	23	0.03	<5	6	24	<5	0.16	<10	<10	110	<10	110	23
G8300N 7400E	0.2	4.52	33	101	<0.5	18	0.60	7	59	24	233	8.70	3	0.32	<10	2.74	985	<2	<0.01	22	0.120	28	0.02	5	11	31	<5	0.29	<10	<10	331	<10	190	16
G8300N 7425E	<0.2	1.93	14	108	<0.5	9	0.94	3	23	101	92	4.10	2	0.07	14	1.05	477	<2	<0.01	50	0.045	15	0.03	<5	8	27	<5	0.14	<10	<10	90	<10	54	16
G8300N 7450E	0.9	2.48	13	92	<0.5	11	0.61	4	38	84	169	5.16	2	0.10	<10	1.65	868	<2	<0.01	45	0.120	15	0.03	<5	6	35	<5	0.15	<10	<10	115	<10	81	5
G8300N 7475E	<0.2	3.14	<5	105	<0.5	15	0.61	5	37	45	136	7.11	2	0.88	<10	2.52	927	<2	<0.01	30	0.144	11	0.02	5	10	35	<5	0.26	<10	<10	225	<10	116	8
G8300N 7500E	0.3	2.87	7	131	<0.5	11	0.48	4	34	63	113	5.11	2	0.14	<10	1.40	678	<2	0.01	39	0.204	16	0.02	<5	5	28	<5	0.13	<10	<10	93	<10	109	13
G8300N 7525E	<0.2	1.79	6	131	<0.5	8	0.37	2	24	55	62	3.96	1	0.12	<10	0.97	661	<2	<0.01	30	0.180	11	0.02	<5	3	25	<5	0.13	<10	<10	76	<10	113	3
G8300N 7550E	<0.2	2.33	<5	91	<0.5	9	0.35	3	31	72	72	4.42	2	0.12	<10	1.21	696	<2	<0.01	41	0.083	15	0.02	<5	4	22	<5	0.15	<10	<10	91	<10	129	7
G8300N 7575E	1.4	2.83	22	155	0.6	13	0.40	4	48	35	246	5.82	1	0.09	<10	1.26	2429	<2	<0.01	20	0.202	16	0.03	<5	5	36	<5	0.08	<10	<10	94	<10	101	4
G8300N 7600E	0.4	1.07	6	101	<0.5	7	0.75	2	29	21	66	3.67	2	0.06	<10	0.46	1960	<2	<0.01	10	0.278	4	0.08	<5	2	41	<5	0.07	<10	<10	51	<10	63	2
G8300N 7625E	<0.2	2.03	13	241	<0.5	8	0.63	3	31	30	68	4.25	2	0.06	<10	0.63	2100	<2	0.01	18	0.549	10	0.05	<5	3	44	<5	0.11	<10	<10	60	<10	100	5
G8400N 6825E	<0.2	1.53	<5	91	<0.5	10	0.82	3	25	87	41	5.19	2	0.08	<10	1.61	1141	<2	<0.01	32	0.139	5	0.09	<5	4	45	<5	0.12	<10	<10	120	<10	63	3
G8400N 6850E	0.7	1.48	<5	402	<0.5	8	0.62	3	27	52	49	3.96	2	0.10	<10	0.79	3785	<2	<0.01	28	0.119	4	0.05	<5	3	41	<5	0.13	<10	<10	80	<10	213	1
G8400N 6875E	<0.2	1.97	<5	99	<0.5	9	0.35	3	26	79	51	4.66	1	0.13	<10	1.26	621	<2	<0.01	38	0.182	13	0.02	<5	5	21	<5	0.14	<10	<10	103	<10	114	4
G8400N 6900E	<0.2	1.72	6	47	<0.5	9	0.41	3	25	118	54	4.76	1	0.09	<10	1.39	468	<2	<0.01	45	0.075	11	0.02	<5	5	21	<5	0.15	<10	<10	109	<10	63	4
G8400N 6925E	<0.2	1.39	7	76	<0.5	8	0.34	2	19	96	36	3.88	1	0.04	<10	0.98	495	<2	<0.01	35	0.116	9	0.01	<5	4	19	<5	0.12	<10	<10	85	<10	50	4
G8400N 6950E	<0.2	1.43	8	59	<0.5	8	0.44	2	22	116	55	4.25	1	0.08	<10	1.29	491	<2	<0.01	43	0.090	8	0.02	<5	6	24	<5	0.14	<10	<10	91	<10	52	8
G8400N 6975E	0.3	2.09	<5	80	<0.5	6	0.39	2	16	39	42	3.24	1	0.08	<10	0.48	524	<2	0.01	21	0.322	15	0.03	<5	2	17	<5	0.13	<10	<10	52	<10	91	12
G8400N 7000E	0.4	2.33	<5	130	<0.5	9	0.55	4	29	72	50	4.48	2	0.17	<10	1.14	841	<2	0.01	49	0.171	16	0.03	<5	4	32	<5	0.15	<10	<10	91	<10	168	7
G8400N 7025E	<0.2	1.73	<5	71	<0.5	8	0.40	2	24	52	31	4.22	1	0.10	<10	1.05	764	<2	<0.01	29	0.093	12	0.03	<5	3	22	<5	0.14	<10	<10	91	<10	100	4
G8400N 7050E	<0.2	2.38	<5	101	<0.5	9	0.47	3	27	53	39	4.69	3	0.12	<10	1.18	663	<2	<0.01	36	0.171	18	0.02	<5	4	25	<5	0.16	<10	<10	99	<10	127	5
G8400N 7075E	0.4	2.39	<5	89	<0.5	6	0.42	2	17	32	24	3.18	2	0.09	<10	0.48	437	<2	0.01	31	0.223	22	0.03	<5	2	17	<5	0.14	<10	<10	54	<10	137	12
G8400N 7100E	0.5	3.24	<5	72	0.5	8	0.35	2	26	29	101	3.90	1	0.09	<10	0.99	410	<2	0.02	30	0.159	16	0.02	<5	3	20	<5	0.13	<10	<10	69	<10	183	21
G8400N 7125E	0.5	2.55	<5	47	<0.5	7	0.25	1	15	15	79	3.50	1	0.04	<10	0.29	153	<2	0.02	8	0.176	14	0.03	<5	2	13	<5	0.11	<10	<10	47	<10	37	13

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.





# SGS Canada Inc.

8282 Sherbrooke Street, Vancouver, British Columbia, V5X 4R6

T: (604) 327-3436 F: (604) 327-3423

Report No : 0V1866SJ

Date : Dec-01-10

Sample type : SOIL

## Geoquest Consulting Ltd.

Project : G129

Attention : Warner Gruenwald

### Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
G8400N 7150E	1.0	4.64	35	63	0.7	7	0.39	2	21	18	111	3.08	2	0.05	<10	0.27	238	<2	0.02	18	0.230	31	0.04	<5	3	15	<5	0.16	<10	<10	45	<10	86	61
G8400N 7175E	0.3	2.00	12	46	<0.5	7	0.13	1	12	17	42	3.34	<1	0.03	<10	0.35	156	<2	0.02	10	0.153	15	0.02	<5	2	9	<5	0.15	<10	<10	72	<10	47	13
G8400N 7200E	0.6	3.05	27	60	0.6	9	0.19	1	23	15	160	4.18	1	0.04	<10	0.55	337	2	0.02	15	0.073	55	0.02	<5	4	10	<5	0.13	<10	<10	70	<10	60	13
G8400N 7225E	0.3	4.29	235	55	0.6	7	0.15	2	34	214	21	3.22	1	0.04	<10	0.85	307	<2	0.02	155	0.120	23	0.02	<5	3	9	<5	0.16	<10	<10	53	<10	70	40
G8400N 7300E	0.2	2.03	12	84	<0.5	7	0.38	1	19	52	34	3.65	1	0.05	<10	1.13	383	<2	0.01	27	0.048	9	0.02	<5	3	25	<5	0.12	<10	<10	78	<10	61	3
G8400N 7325E	0.5	2.51	17	69	<0.5	5	0.46	1	16	26	15	2.66	1	0.11	<10	0.33	250	<2	0.02	24	0.161	15	0.02	<5	2	19	<5	0.13	<10	<10	46	<10	78	17
G8400N 7350E	0.6	3.19	10	104	<0.5	11	0.53	2	36	83	114	5.26	2	0.26	<10	1.84	745	<2	0.01	46	0.050	13	0.02	<5	7	33	<5	0.20	<10	<10	125	<10	93	9
G8400N 7375E	0.5	2.24	8	90	<0.5	8	0.34	1	26	36	50	3.54	1	0.09	<10	0.96	573	<2	0.01	27	0.098	10	0.01	<5	3	23	<5	0.12	<10	<10	67	<10	67	4
G8400N 7400E	0.2	2.89	<5	75	<0.5	7	0.26	1	23	31	78	3.57	1	0.06	<10	0.88	315	<2	0.02	22	0.046	14	0.01	<5	3	18	<5	0.13	<10	<10	72	<10	83	15
G8400N 7325E	0.5	2.49	14	65	<0.5	<5	0.42	2	15	25	16	2.59	1	0.11	<10	0.31	231	<2	0.02	21	0.147	6	0.02	12	2	18	<5	0.12	<10	<10	49	<10	73	18
G8400N 7450E	4.2	2.80	48	135	0.5	15	0.86	2	60	10	282	6.24	2	0.09	<10	1.23	1657	<2	0.01	15	0.135	9	0.07	<5	3	50	<5	0.12	<10	<10	85	<10	96	7
G8400N 7475E	<0.2	2.54	<5	84	<0.5	8	0.36	1	19	29	30	3.50	1	0.08	<10	0.76	477	<2	0.02	22	0.048	13	0.02	<5	3	24	<5	0.12	<10	<10	63	<10	77	9
G8400N 7500E	0.7	3.19	8	157	0.6	9	0.38	2	33	28	91	3.76	1	0.10	<10	0.68	837	<2	0.02	25	0.187	16	0.02	<5	3	29	<5	0.12	<10	<10	60	<10	122	8
<b>Duplicates:</b>																																		
G8100N 7000E	<0.2	1.85	16	97	<0.5	<5	0.51	6	25	95	57	4.72	<1	0.05	<10	1.08	494	<2	0.01	32	0.163	4	0.03	<5	4	27	<5	0.15	<10	<10	109	23	92	8
G8100N 7225E	0.2	2.43	<5	68	<0.5	6	0.54	7	29	35	81	4.99	1	0.28	<10	1.70	595	<2	0.02	19	0.069	3	0.03	<5	5	35	<5	0.20	<10	<10	146	26	68	10
G8100N 7475E	0.5	2.25	14	76	<0.5	<5	0.51	5	28	40	48	3.62	<1	0.08	<10	0.86	540	<2	0.02	27	0.079	<2	0.03	<5	3	25	<5	0.16	<10	<10	93	20	89	9
G8200N 6975E	0.2	2.94	8	141	<0.5	7	0.66	8	29	37	88	5.87	2	0.11	<10	1.70	564	2	0.01	23	0.063	<2	0.04	<5	3	34	<5	0.26	<10	<10	169	33	74	12
G8200N 7200E	0.4	2.66	<5	115	0.5	<5	0.33	4	21	29	39	3.51	1	0.10	<10	0.64	386	<2	0.02	23	0.289	4	0.02	<5	2	17	<5	0.13	<10	<10	71	17	172	10
G8200N 7450E	8.4	2.93	27	67	0.5	9	0.61	9	54	16	270	6.64	1	0.06	<10	1.19	1439	<2	0.01	11	0.104	5	0.05	<5	3	29	<5	0.12	<10	<10	120	33	71	12
G8300N 6825E	0.2	2.15	<5	93	<0.5	<5	0.24	5	19	39	31	4.37	<1	0.10	<10	0.81	421	<2	0.02	15	0.286	8	0.02	<5	2	16	<5	0.16	<10	<10	87	21	137	10
G8300N 7050E	0.3	2.83	<5	87	0.5	<5	0.38	6	25	28	76	3.98	1	0.13	<10	1.05	402	<2	0.02	29	0.110	<2	0.02	<5	3	22	<5	0.15	<10	<10	84	22	107	12
G8300N 7300E	0.4	2.52	<5	56	<0.5	8	0.30	6	23	16	58	4.35	<1	0.07	<10	0.74	581	<2	0.02	10	0.420	182	0.02	<5	5	15	<5	0.13	<10	<10	103	22	122	11
G8300N 7375E	0.7	3.40	37	155	0.5	10	0.50	4	49	37	165	5.49	2	0.06	<10	1.04	1470	<2	0.01	31	0.172	23	0.03	<5	6	23	<5	0.17	<10	<10	116	<10	118	21
G8300N 7600E	0.4	1.16	7	121	<0.5	8	0.79	2	32	22	72	3.96	2	0.06	<10	0.48	2100	<2	<0.01	11	0.304	5	0.08	<5	2	43	<5	0.08	<10	<10	56	<10	67	2
G8400N 7025E	<0.2	1.81	<5	74	<0.5	8	0.43	3	25	53	33	4.23	2	0.10	<10	1.05	795	<2	<0.01	30	0.099	13	0.03	<5	3	24	<5	0.15	<10	<10	94	<10	104	4
G8400N 7100E	0.5	3.33	<5	75	0.5	9	0.37	2	26	30	105	4.12	1	0.09	<10	0.97	420	<2	0.02	31	0.163	16	0.02	<5	4	22	<5	0.14	<10	<10	72	<10	189	21
G8400N 7325E	0.5	2.61	12	72	<0.5	5	0.47	1	16	26	15	2.77	1	0.11	<10	0.34	257	<2	0.02	25	0.166	14	0.02	<5	2	20	<5	0.13	<10	<10	47	<10	79	18
<b>Standards:</b>																																		
Blank	<0.2	<0.01	<5	<10	<0.5	<5	<0.01	<1	<1	<1	<1	<0.01	<1	<0.01	<10	<0.01	<5	<2	<0.01	<1	<0.001	<2	<0.01	<5	<1	<1	<5	<0.01	<10	<10	<1	<10	<1	<1

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.



**SGS Canada Inc.**

8282 Sherbrooke Street, Vancouver, British Columbia, V5X 4R6

T: (604) 327-3436 F: (604) 327-3423

Report No : 0V1866SJ

Date : Dec-01-10

Sample type : SOIL

**Geoquest Consulting Ltd.**

Project : G129

Attention : Warner Gruenwald

**Multi-Element ICP-AES Analysis**

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
CH-4	2.8	1.90	<5	295	<0.5	7	0.66	7	25	91	2177	4.96	1	1.48	14	1.26	326	2	0.05	43	0.070	12	0.51	<5	6	9	<5	0.21	<10	<10	80	22	202	19

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.



8282 Sherbrooke Street,  
Vancouver, B.C.  
Canada V5X 4R6  
Tel: 604 327-3436  
Fax: 604 327-3423

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**Procedure Summary:**

30 Element Aqua Regia Leach ICP-AES

**Elements Analyzed:**

Ag, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Th, Ti, Tl, U, V, W, Zn, Zr

**Procedure:**

0.500 grams of the sample pulp is digested for 2 hours at 95°C with a 3:1 HCl:HNO<sub>3</sub> mixture. After cooling, the sample is diluted to 25mL with deionized water.

The solutions are analyzed by Inductively Coupled Plasma-Atomic Emission Spectra using standard operating conditions.

Each batch has 22 samples, 3 duplicates, one blank and two standards. Each batch will be rerun if the duplicates or the standards do not match the expected values.

Detection limit and analytical range are element specific.



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Vancouver, B.C.  
Canada V5X 4R6  
Tel: 604 327-3436  
Fax: 604 327-3423

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**Procedure Summary:**

Gold (Au) Geochemical Analysis

**Element(s) Analyzed:**

Gold (Au)

**Procedure:**

Samples are dried at 65°C. Rock & core samples are crushed with a jaw crusher. The 1/4 inch output of the jaw crusher is put through a secondary roll crusher to reduce it to 1/8 inch. The whole sample is then riffled on a Jones Riffle down to a statistically representative 300 gram sub-sample. This sub-sample is then pulverized on a ring pulverizer to 95% - 150 mesh, rolled and bagged for analysis. The remaining reject from the Jones Riffle is bagged and stored.

Soil and stream sediment samples are screened to - 80 mesh for analysis.

The samples are fluxed, a silver inquart added and mixed. The assays are fused in batches of 24 assays along with a natural standard and a blank. This batch of 26 assays is carried through the whole procedure as a set. After cupellation the precious metal beads are transferred into new glassware, dissolved with aqua regia solution, diluted to volume and mixed.

These resulting solutions are analyzed on an atomic absorption spectrometer using a suitable standard set. The natural standard fused along with this set must be within 2 standard deviations of its known or the whole set is re-assayed.

A minimum of 10% of all assays are rechecked, then reported in parts per billion (ppb). The detection limit is 1 ppb.

## **Appendix B**

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### **Rock Sample Descriptions**

**G PROPERTY ROCK SAMPLE DESCRIPTIONS - 2010**

Assayers Certificate	Sample Number	Easting NAD83	Northing NAD83	Float Outcrop	Description	Au ppb	Ag ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm
OV1866RG/RJ	G10-01	687688	5708594	Flt	Buff weathering, very angular (15cm) siliceous (cherty) rock with quartz stockwork veining, 2% py	4	0.8	24	<2	362	1228
OV1866RG/RJ	G10-02	687828	5708736	Flt	Very rusty weathering 20x20 cm float along logging road. Dark grey, mafic phyrlic volcanic with 5% pyrite as irregular clots up to 5mm. Weakly magnetic, no carbonate.	16	<0.2	133	141	2	215
OV1866RG/RJ	G10-03	687899	5708727	Flt	Very rusty weathering 20x30 cm subangular boulder along logging road. Mottled green-brown <i>diopside-actinolite-garnet skarn</i> with locally abundant cpy. No carbonate, non magnetic.	258	5.2	2254	<2	1071	2936
OV1866RG/RJ	G10-04	688310	5708994	Flt	Very rusty weathering angular 25x35 cm float. Dark grey, fine-grained mafic crystal tuff with 2%+ very fine-grained pyrrhotite. Weakly magnetic, trace carbonate.	16	<0.2	196	8	21	95
OV1866RG/RJ	GW10-01	686841	5707215	Flt	Subangular, 35 cm, pale green-grey <i>felsic intrusive</i> with trace pyrite. Finely disseminated magnetite.	20	<0.2	48	<2	17	46
OV1866RG/RJ	GW10-02	686874	5707226	Flt	Area of numerous angular pieces up to 10 cm believed to be from boulder that was at least 50 cm across but broken by logging activity. Rock is pale brown, f.g. <i>felsic intrusive</i> with 3% disseminated iron oxide coated pyrite (0.5-1mm). Abundant brown carbonate (ankerite?). Non magnetic.	1464	21.8	12	<2	3	14
OV1866RG/RJ	GW10-03	686780	5707157	Flt	Subangular, 20x15x10 cm, weakly limonitic <i>felsic intrusive</i> . Similar to GW10-02 except is finely brecciated. Iron oxide coated pyrite (2%) as fine disseminations to irregular cubes to 5 mm. Moderate amounts of ankeritic carbonate and scattered clots of f.g. hematite. Non magnetic.	3314	10.0	26	<2	<2	16
OV1866RG/RJ	GW10-04	686730	5707200	Flt	Two angular boulders, one 10 cm thick slab (30x40 cm) the other 20x30 cm. Pale brown, m.g. <i>felsic intrusive</i> with 3-5% disseminated oxide coated pyrite cubes and clots to 4mm. Cut by several white quartz veinlets up to 5mm. Some of the best looking intrusive seen so far. Non magnetic.	4048	91.2	48	<2	6	20
OV1866RG/RJ	GW10-05	686780	5707570	Flt	Composite grab from 1mx1.5x2.5m boulder (largest found on property). Green-grey, f.g. intrusive? with 2-3% f.g. disseminated magnetite (strongly magnetic). Chloritic sections may represent dioritic wallrock. Weak carbonate alteration. 5 mm quartz veinlet. Same boulder that was sampled in 1991 as GWR-11 (360 ppb Au).	330	1.3	18	<2	6	36
OV1866RG/RJ	GW10-06	686793	5706987	Flt	Angular 7x15x10 cm float that looks locally derived. Pale brown, <i>felsic intrusive</i> with 3-4% disseminated pyrite (0.1-1mm). Weakly brecciated rock with moderate brown (ankeritic) carbonate alteration, minor hematite.	116	0.7	3	3	3	15
OV1866RG/RJ	GW10-07	687245	5707720	Flt	Composite grab of very angular <i>chloritic diorite</i> along logging road. Disseminated pyrite (2-4%).	8	0.2	504	12	2	21
OV1866RG/RJ	GW10-08	687060	5707952	Flt	Subangular rusty weathering <i>dioritic ? intrusive</i> (25x35 cm). Disseminations of po,py, tr cpy (3%).	6	<0.2	434	2	5	43
OV1866RG/RJ	GW10-09	687154	5708177	Flt	Angular 25 cm brown <i>garnet rich skarn</i> float. 0.5% py, cpy. Suspect local source.	5	<0.2	6	<2	31	132
n/a	GFLT-01	686798	5707214	Flt	Subrounded, 15 cm with rusty rind similar to GW10-01.						
	GFLT-02	686735	5707186	Flt	Subangular, very pockmarked 15x10 cm cobble of rusty and hematitic possibly <i>brecciated felsic intrusive</i> . Disseminated pyrite ( $\leq 0.5$ mm) 2%. No carbonate, non magnetic.						
	GFLT-03	686723	5707193	Flt	Subangular 25 cm rusty weathered float with 3% iron oxide coated py. Two other pieces in the area.						
	GFLT-04	686737	5707209	Flt	Several angular boulders to 25-30 cm (similar to GFLT-03). Pale brown-green, med.-grained <i>felsic intrusive</i> with 3-5% iron oxide coated py (to 1mm). Abundant pale brown clots of ankeritic carbonate. Weakly magnetic.						
	GFLT-05	686563	5707199	Flt	Subangular float in area where most rocks are green diorite and volcanics. Pale brown-green med. grained intrusive with 2-3 % disse. pyrite. Pale brown f.g. carbonate throughout. Weakly magnetic.						
	GFLT-06	686682	5707375	Flt	Several pieces of subangular felsic float from overturned tree due south of old TP-5 site.						
	GFLT-07	686721	5707244	Flt	Subrounded, 35 cm felsic boulder in road bed. 3% disseminated py. Quartz veinlets to several mm.						
	GFLT-08	686700	5707015	Flt	Subrounded 35x20x15 cm rusty weathering pale brown, medium-grained <i>felsic intrusive</i> with 3-5% disseminated iron oxide coated pyrite ( $\leq 1$ mm). Pockmarked surface due to weathering of abundant ankeritic carbonate and pyrite. Cut by occasional white quartz veinlets up to 0.5 cm.					n/a	
	GFLT-09	686727	5707062	Flt	Subangular, 15 cm <i>felsic intrusive</i> float cobble near top of glacial till sheet						
	GFLT-10	686761	5706996	Flt	Subrounded cobble (10cm) of oxidized <i>felsic intrusive</i> with disseminated pyrite. Cut by 0.5 cm quartz veinlet. Found along logging road near Hwy 24.						
	GFLT-11	687904	5708717	Flt	Subrounded cobble (15 cm) of extremely rusty and crumbly <i>pyroxene-garnet skarn</i> with locally abundant disseminations and clots of py, cpy (up to 15%). 11m SSE of sample G10-03.						
	GFLT-12	687754	5708731	Flt	Very rusty weathering 7 cm crumbly <i>skarn</i> with py, cpy similar to GFLT-11 and rock sample G10-03.						
TP-7 BLDRS	686626.5	5707336	Flt	Subangular boulder cluster of <i>felsic intrusive and breccias</i> excavated in 1991 trenching program. Individual pieces to 1.25 metres across.							

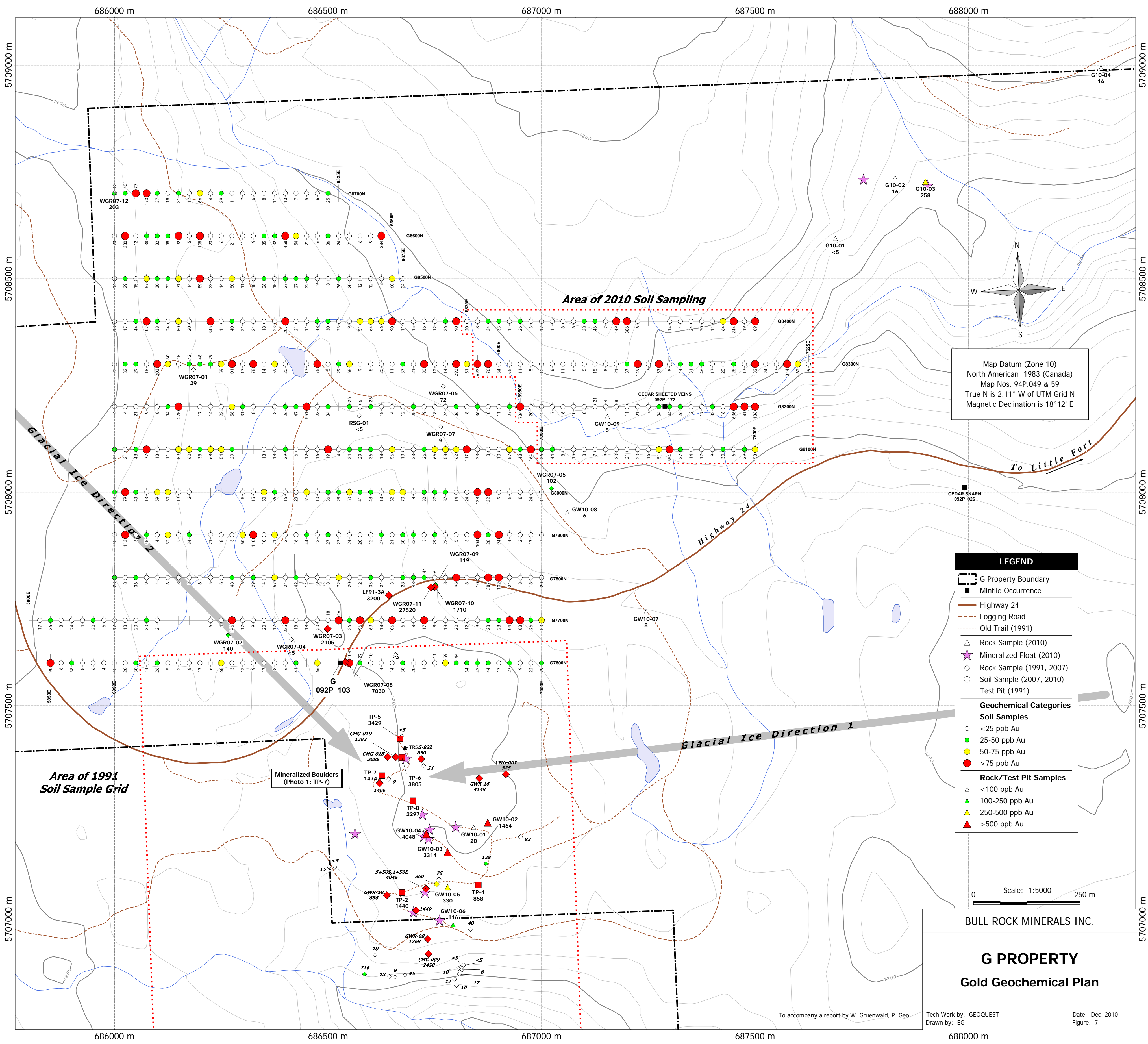
\* Rock specimens in italics have not been analyzed.

**Appendix C**

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**Gold Geochemical Plan**





Map Datum (Zone 10)  
 North American 1983 (Canada)  
 Map Nos. 94P.049 & 59  
 True N is 2.11° W of UTM Grid N  
 Magnetic Declination is 18°12' E

**LEGEND**

- G Property Boundary
- Minfile Occurrence
- Highway 24
- Logging Road
- Old Trail (1991)
- Rock Sample (2010)
- Mineralized Float (2010)
- Rock Sample (1991, 2007)
- Soil Sample (2007, 2010)
- Test Pit (1991)

**Geochemical Categories**

**Soil Samples**

- <25 ppb Au
- 25-50 ppb Au
- 50-75 ppb Au
- >75 ppb Au

**Rock/Test Pit Samples**

- <100 ppb Au
- 100-250 ppb Au
- 250-500 ppb Au
- >500 ppb Au

Scale: 1:5000 250 m

BULL ROCK MINERALS INC.

**G PROPERTY**  
**Gold Geochemical Plan**

Tech Work by: GEOQUEST  
 Drawn by: EG

Date: Dec, 2010  
 Figure: 7

To accompany a report by W. Gruenwald, P. Geo.



## Appendix D Personnel

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### Geoquest Consulting Ltd.

<b>Field:</b> W. Gruenwald, P. Geo. (Oct 21, 22, 23, 2010)	2 days
<b>Office:</b> W. Gruenwald, P. Geo. (Dec 15-Dec 28, 2010)	1.5 days
E. Gruenwald, Data Compilation, Map Preparation (Oct 20-Dec 28, 2010)	20 hours

### Hendex Exploration Services Ltd.

Brent Mezeros (October 21, 22, 2010)	2 days
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## Appendix E

### Statement of Expenditures

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**Consulting Fees/Contractor**

Geoquest Consulting Ltd.	\$1,232	
Hendex Exploration Services Inc.	<u>806</u>	\$2,038

**Analytical Costs**

SGS Canada Inc., Vancouver, B.C.		2,519
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**Room and Board**

408

**Vehicle Costs**

Geoquest Consulting Ltd.	253	
Hendex Exploration Services Inc.	<u>64</u>	317

**Supplies** (Sampling supplies)

50

**Freight** (Greyhound)

59

**Report Compilation**

Authoring/Drafting (Geoquest)		<u>2,043</u>
	<b>TOTAL:</b>	<b>\$7,434</b>

## Appendix F

### References

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- BC Geological Survey (2007) Bonaparte Lake Geophysical Survey NTS 92P and 93A (GBC Maps 2007-3-1 to 9 and 2006-4-1 to 8 / GSC OF 5488 - 5504).
- BC Minfile Records (2007) Minfile data for G property mineral occurrences.
- Carpenter, T.H. (2000) Diamond Drilling Report on the G/Geo property for Allegra Capital Corp. Assessment Report 26,284
- Caulfield, D.A, Ikona, C.K. (1986) Assessment Report on the Cedar I, VI, VII-XVIII, XIX, XX Mineral Claims for Craven Resources Inc. Assessment Report 14417
- Dom, K. (1988) Assessment Report on the G Claims for Esso Minerals. Assessment Report 18597.
- Gruenwald, W. (2007) Geochemical and Geophysical Assessment Report on the G property, AR 29584
- Gruenwald, W. (1999) Discussion on the Mineralized Float Occurrences, Little Fort, BC. (Private report).
- Gruenwald, W. (1992) Geochemical, Geophysical and Geological Report on the G Claims for Huntington Resources Inc. Assessment Report 22183.
- Ikona, C.K., Yorston, R. (1985) Geological Report on the Cedar I to VI Mineral Claims for Craven Resources Inc. Assessment Report 13519
- Plouffe, A, Bednarski, J.M, Huscroft, C.A, McCuaig, S.J. (2010) Geochemistry of glacial sediments of the Bonaparte Lake Map Area, South Central British Columbia (NTS 092P). Open File 6440.
- Plouffe, A, Bednarski, J.M, Huscroft, C.A, McCuaig, S.J. (2009) Gold Grain content of till in the Bonaparte Lake Map Area, South Central British Columbia (NTS 092P). Open File 6047
- Plouffe, A., Anderson, R.G., Gruenwald, W., Davis, W., Bednarski, J.M., and Paulen, R.C. U-Pb dating of a mineralized glacial erratic with implication for its potential source, south central British Columbia
- Sayer, C (1989) Geophysical Report on the Cedar 7-18 Mineral Claims for E.A. Debock. Assessment Report 18612
- Sayer, C. (1988) Prospecting Report on the Cedar 7-18 Claims for E.A Debock. Assessment Report 17709
- Schiarizza, P., Israel, S., Heffernan,S., and Zuber,J. (2002) Geology of the Nehalliston Plateau, NTS 92P/7, 8, 9, 10. Geological Survey Branch Open File 2002 - 4
- Shives, R (2007) Interpretation of 2006 Bonaparte Lake Helicopter Borne Gamma Ray Spectrometric/Magnetic Survey over the G Property British Columbia (92P/8)
- Tipper, H. W. (1971c). Surficial geology, Bonaparte Lake, British Columbia. Geological Survey of Canada, Map 1293A, scale 1:250 000.

## **Appendix G**

### **Certificate of Author**

---

**I, WARNER GRUENWALD OF THE CITY OF VERNON, BRITISH COLUMBIA HEREBY CERTIFY THAT:**

1. I am a graduate of the University of British Columbia with a B. Sc. degree in Geology (1972).
2. I am a registered member of the Professional Engineers and Geoscientists of British Columbia (#23202).
3. I am employed as consulting geologist and president of Geoquest Consulting Ltd., Vernon, B.C.
4. I have practiced continuously as a Geologist for the past 37 years in western Canada and the US.
5. I supervised and conducted the 2010 exploration program on the G property.

W. Gruenwald, P. Geo.

Dated: December 28, 2010