BRITISH COLUMBIA

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

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]: GEOCHEMICAL, GEOLOGICAL AND GEOPHYSICAL REPORT

TOTAL COST: $28,903

AUTHOR(S): WARNER GRUENWALD, P.GEO SIGNATURE(S): W. Gruenwald

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): N/A YEAR OF WORK: 2007

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S): 4177636

PROPERTY NAME: GQ

CLAIM NAME(S) (on which work was done): 521731, 533372, 533373, 553169

COMMODITIES SOUGHT: Au

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 082M 273

MINING DIVISION: NTS:

LATITUDE: 51 ° 08 ' 15 " LONGITUDE: 118 ° 47 ' 35 " (at centre of work)

OWNER(S)

1) Warner Gruenwald 2)

MAILING ADDRESS

8055 Aspen Road
Vernon, B.C. V1B 3M9

OPERATOR(S) [who paid for the work]

1) American Goldrush Corp. 2)

MAILING ADDRESS

708-1155 West Pender Street
Vancouver, B.C V6E 2P4

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

Gneiss, schist, amphibolite Shuswap Metamorphic Complex (Late Proterozoic) Intruded to west by mid Cretaceous Anstey Pluton. Pegmatite dikes/sills common in Second Creek. Layered rocks strike N to NW and dip moderately west. Au, Bi, Te, W occurs in calc-silicate bedrock "horizons" and float. Au assays to 10g/t.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

26,423; 28805

(OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)		521731, 533372	
Ground, mapping	1:5,000 (3 km²)	533373, 553669	2890
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
✓ Magnetic	5.6 km	521731	1445
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil	318 36 element (incl Au) ICP-MS	521731, 533372, 533373, 553669	20,232.1
Silt	6 36 element (incl Au) ICP-MS	521731	
Rock	40 37 element (incl Au) ICP-MS	521731, 533372, 533373, 553669	
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic	5 samples	521731, 553669	1446
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Line/grid (kilometres)	5.6 km	521731	2890
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST	$ 28,903

GEOCHEMICAL, GEOLOGICAL & GEOPHYSICAL ASSESSMENT REPORT

on the

GQ PROPERTY

TENURE No. 521731, 533372, 533373, 533374, 553669, 553670

51°08´15˝ NORTH LATITUDE
118°47´35˝ WEST LONGITUDE

NTS MAP NO. 082M/02W

for

AMERICAN GOLDRUSH CORP.
708-1155 West Pender St.
Vancouver, BC V6E 2P4

Prepared By:

GEOQUEST CONSULTING LTD.
8055 Aspen Road
Vernon, BC V1B 3M9

W. Gruenwald, P. Geo.
December 16, 2007

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1.0 SUMMARY

The GQ property is located 45 kilometres west-northwest of Revelstoke in the Anstey Range of southeastern British Columbia. The property consists of six claims covering 2007 hectares (20km^2) and is easily accessible by several logging roads. American Goldrush Corp. of Vancouver, BC optioned the property from the author in 2006.

The GQ property was staked after the discovery of several gold occurrences with "intrusion related" geochemical signatures (Bi, Te, W). The search for this gold deposit type was spurred by the discovery of Teck - Cominco's Pogo deposit in Alaska. No records of mineral occurrences or exploration were documented prior to acquiring the GQ property. The "Ren" rare earth element (REE) bearing carbonatites are located 25 km northerly of the GQ property. Exploration was conducted by Duval International, Teck Exploration in the 1980s and by Cross Lake Minerals in 2001. The "Cottonbelt" occurrences, five kilometres northerly of the Ren, consist of stratigraphically controlled exhalative lead-zinc-silver and copper that were explored in the late 1990s by CanQuest Resource Corp.

The GQ property is situated within a region of metamorphic, plutonic and sedimentary rocks of the Omineca Belt comprised of the Shuswap and Monashee metamorphic core complexes. The Monashee Complex represents the deepest and oldest exposed structural level of the southern Omineca belt. The Monashee Décollement, a major west dipping thrust structure, separates the complexes with the Shuswap Complex forming the hanging wall. The Anstey pluton, a mid Cretaceous intrusion, is situated near the western margin of the GQ property.

The lithologies on the GQ property are quite diverse with several metamorphic and intrusive rock types present. Gneisses and schists are among the most widespread rocks. Mapping since 1999 reveals these rocks generally strike from 160° to 205° and dip from 40° to 60° westerly. On the recently acquired northern GQ claims, rocks strike from 120° to 150° and dip 50° to 65° southwest. Intercalated within these rocks are lesser amounts of amphibolite, quartzite, marble and calc-silicate. Granitic intrusive rocks and pegmatite are common in the Second Creek valley.

In 1999 and 2000 several gold bearing bedrock occurrences and mineralized float were discovered along new logging roads near the headwaters of Second Creek. Pyrrhotite, pyrite, chalcopyrite and scheelite occur in calc-silicate layers or "horizons" intercalated within the host gneissic rocks. Anomalous amounts of gold, copper, bismuth, tellurium and tungsten are associated with many of the calc-silicate rocks. Calc-silicate horizons range up to several metres thick and their spatial distribution suggests the presence of at least four north-northwesterly "trends".

In 2006 soil and rock sampling resulted in the discovery of significant gold mineralization. ***A float discovery grading 11.57 g/t gold is the highest grade sample found to date on the property.*** *Geochemical and geological evidence suggests this and other nearby calc-silicate occurrences are aligned along what is referred to as the" Spur D" trend. The "Spur A-B" trend is associated with gold-in-soil anomalies and calc-silicate float samples that grade up to 3.49 g/t Au. The "Spur B" trend, centered on two calc-silicate bedrock occurrences, is inferred between the Spur D and A-B trends. A fourth trend is interpreted in the SW showing area however little is known of its extent.*

The 2007 exploration program followed recommendations from the 2006 work and focused on detailed grid based soil sampling and a magnetometer survey over the "Spur A-B", Spur "B" and Spur "D" calc-silicate trends. In addition road based soil and rock sampling and prospecting were conducted on recently staked claims to the north inferred to lie along strike of the Second Creek calc-silicate trends.

The most anomalous gold-in-soils from the 2007 grid sampling are from the SE showing area. This is thought to reflect a possible bedrock source of gold bearing calc-silicate float in the area. Several mid order gold geochemical anomalies in other grids indicate known and hidden mineralized zones. No gold-in-soil anomalies are indicated in the northern claims.

Stream geochemical sampling yielded one weakly anomalous sample in the Spur A-B grid. Its proximity to an area of gold bearing float is believed to indicate yet undiscovered mineralized calc-silicate horizons to the east.

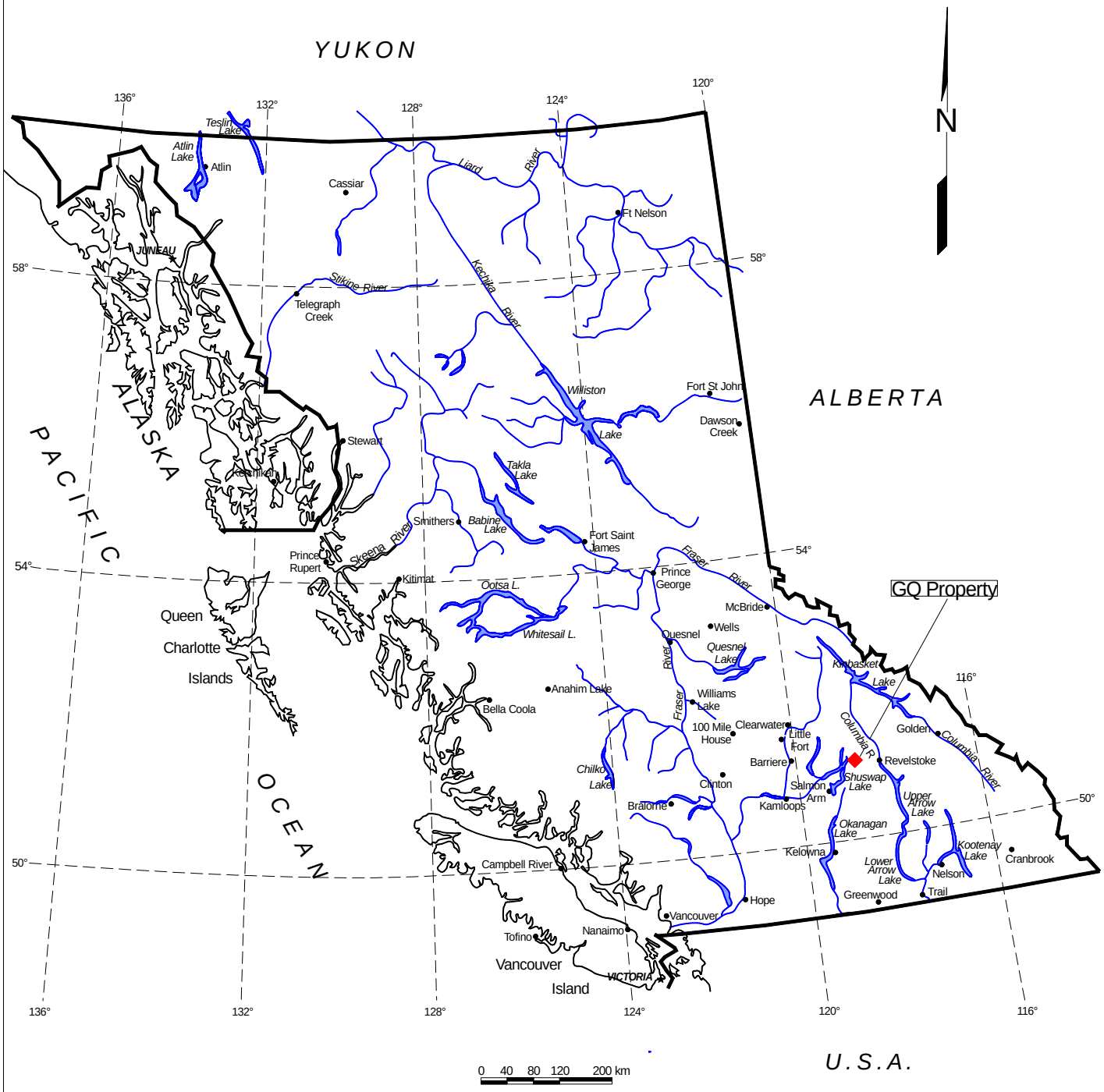
Rock sampling yielded three gold bearing calc-silicate float samples containing up to 0.5 g/t gold. Two samples occur in the SE Grid area which, along with the anomalous soils, suggests the nearby presence of mineralized horizons. Calc-silicate float and bedrock were found in the new claims 3.5 km to the north in the Third Creek valley indicating these rocks are laterally extensive. Although virtually identical to the Second Creek calc-silicates these rocks failed to yield any significant gold values. The absence of gold in this area is thought to be related to the scarcity of intrusive rocks.

Petrographic work to date indicates the presence of several mineralogically distinct calc-silicate horizons. Gold does not appear to be constrained to a specific rock type nor is it related to sulphide content.

The magnetometer survey reveals an overall low magnetic relief. The few magnetic "highs" are ascribed to mafic dikes and amphibolitic rocks both of which are unmineralized. The southernmost grid lines are magnetically lower than the rest of the survey grids which may be related to more abundant intrusive rocks and/or alteration. Distinct magnetic "lows" in the SE and Spur D grids may represent calc-silicate horizons.

The results to date on the GQ property continue to warrant further exploration work. The potential lateral (strike) and down dip extent of the calc-silicate horizons combined with the hydrothermal and mineralizing effects of the Anstey Pluton, present a definite exploration target. Follow-up soil sampling and prospecting is recommended east of Spurs A and B to search for the source of mineralized calc-silicate float. In the Spur D grid further work is recommended to follow-up on the anomalous stream, rocks and soils along with a magnetic low up ice of the anomalous samples. Gold bearing calc-silicate float and gold-bismuth anomalous soils in the SE grid make this a high priority area.

Ultimately however a small reconnaissance drilling program is necessary to test the down dip extent and grade of the mineralized calc-silicate horizons. An excavator is recommended to open up Spur D which has become overgrown and clear the sloughed in sections of Spur A. The excavator could also be used for trenching and construction of drill sites. A recommended exploration program that includes 450 metres of drilling is estimated to cost approximately $CDN 75,000.



American Goldrush Corp.

LOCATION MAP

GQ Property

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

Tech Work By: Geoquest
Drawn By: EG

Date: December, 2007
Figure: 1

2.0 INTRODUCTION

2.1 General Statement

The GQ property was acquired by the writer in 1999 after the discovery of gold mineralization along newly constructed logging roads. On June 1, 2006 American Goldrush Corp. optioned the property and as part of the option agreement has funded the 2006 and 2007 exploration programs. This report describes the most recent program and is intended as an assessment report for the purposes of maintaining the claims in good standing.

2.2 Location and Access

The property is located 45 kilometres west-northwest of Revelstoke and 21.5 kilometres north-northeast of the town of Malakwa along the Trans Canada Highway (Figure 1). Geographic coordinates for the centre of the property are 51°08´15˝ north latitude and 118° 47´ 35˝ west longitude on NTS Map No. 082M/02W. The corresponding UTM co-ordinates (Nad 83) are Grid Zone 11U 375743E; 5666610N on TRIM Map No. 082M.017.

Access to the property is via the Trans Canada Highway between Sicamous and Revelstoke near the Louisiana Pacific saw mill. The Gorge Creek logging road along Craigallachie Creek and Anstey River provides access to the Anstey Range. At kilometre 36 the Second Creek logging road heads easterly and transects much of the property. Several spur roads and logging in the last three years has provided additional access (Figure 2). Recently acquired claims to the north of the property are accessible via a logging road and several spur roads along Third Creek.

2.3 Physiography

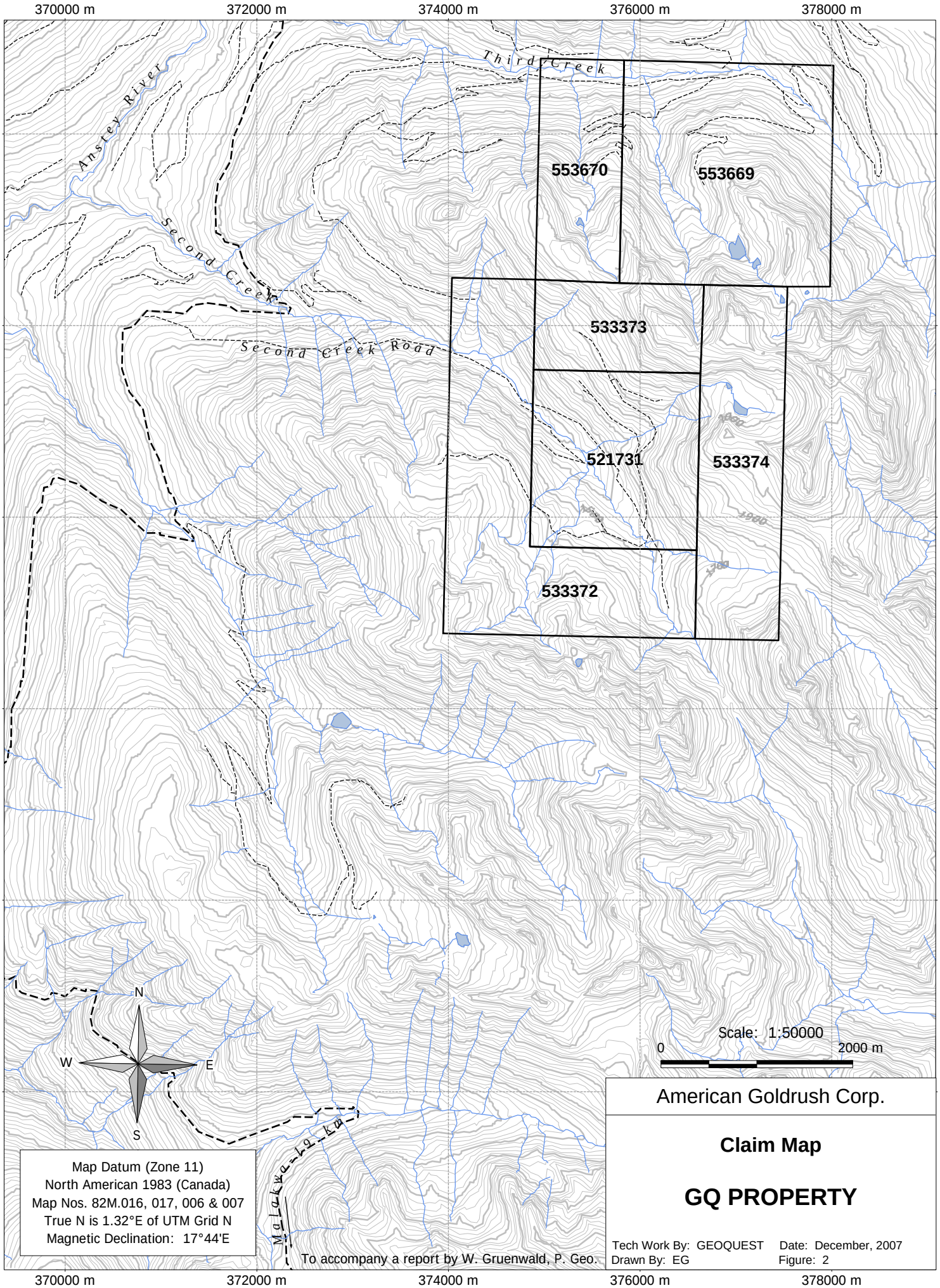
The GQ property is situated in rugged terrain of the Anstey Range along the west flank of the Monashee Mountains. Glaciation has been extensive resulting in deeply incised drainages. Second Creek, the largest on the property, flows westerly into the Anstey River. Numerous smaller creeks feed into Second Creek and Third Creek in the northeast sector. The majority of the property slopes from moderate to steeply north and south. Topographic elevations range from 1200 metres along Second Creek near the northwest corner to 2200 metres at the northeastern sector.

2.4 Climate and Vegetation

The Monashee Mountain Range is characterized by temperate climate and moderately high annual precipitation. Winter snow packs of 3 to 5 metres are not uncommon at the higher elevations. The climate supports a variety of coniferous and deciduous vegetation. Commercial stands of cedar, hemlock, fir and pine are found up to elevations of 1700 metres. Alpine terrain is typically found above 1800 metres.

2.5 Claims

The GQ property consists of four Mineral Title Online (MTO) claims covering 2,007 hectares (~20 km^2). The claims are 100% owned by the writer. No other claims adjoin the property. The property is under option to American Goldrush Corp. of Vancouver, BC.



Map Datum (Zone 11)
North American 1983 (Canada)
Map Nos. 82M.016, 017, 006 & 007
True N is 1.32°E of UTM Grid N
Magnetic Declination: 17°44'E

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

American Goldrush Corp.

Claim Map

GQ PROPERTY

Tech Work By: GEOQUEST Date: December, 2007
Drawn By: EG Figure: 2

Table 1. GQ Property Details

Tenure No.	Claim Name	Owner	Map Number	Good To Date	Area (Hectares)
521731	GQ	W. Gruenwald	82M.017	2011 Nov 01	324.5
533372		W. Gruenwald	82M.017	2010 Nov 01	486.7
533373		W. Gruenwald	82M.017	2010 Nov 01	162.2
533374		W. Gruenwald	82M.017	2010 Nov 01	324.5
553669		W. Gruenwald	82M.017	2010 Nov 01	506.7
553670		W. Gruenwald	82M.017	2010 Nov 01	202.7
				Total Area:	2007.3

2.6 History

In 1999, the writer was awarded a Prospectors Assistance Grant to explore a 300 km^2 area northeast of Shuswap Lake. This region was considered prospective for "*intrusion related gold deposits"*, an example being Teck-Cominco's five million ounce Pogo deposit in Alaska. The Perry River Project consisted of prospecting, stream and rock sampling in an area that had only recently become road accessible by logging activity. The GQ property was staked in 1999 after the discovery of several new mineral occurrences with intrusion related gold geochemical signatures. There are no records of mineral occurrences or work before the property was staked. Further reconnaissance exploration was carried out on the property in 2000. In 2006 the writer conducted a prospecting and rock sampling program over several parts of the property for American Goldrush Corp.

Exploration work is documented approximately 25 kilometres north of the GQ property. The Ren (Minfile 082M 199) rare earth element (Ce, La, Nb, and Nd) bearing carbonatite occurrences were explored in 1983 by Duval Exploration and in 1989 by Teck Exploration. Teck conducted extensive work consisting of detailed soil, silt and rock sampling, as well as magnetic and radiometric surveys. A total of 745 metres of trenching were also completed. In 2001 Cross Lake Minerals conducted surface exploration on this property (Myoff Creek) in the search for tantalum, niobium and rare earth elements.

3.0 GEOLOGY

3.1 Regional Geology

The GQ property is situated within metamorphic, plutonic and sedimentary rocks of the Omineca Belt. The metamorphic, structural and intrusive history of these rocks is complex and spans a geologic time frame from Paleozoic to Eocene. The Omineca Belt in southern British Columbia comprises metasedimentary rocks of the Windemere and Purcell Supergroups as well as Kootenay Terrane. The property is situated between the *Shuswap* and *Monashee* metamorphic core complexes (Figure 3).

Two major structural features in the region are the Adams-North Thompson fault and the *Monashee Décollement*. The Monashee Décollement is described as a zone up to one km thick that represents a major west dipping contractional (thrust) structure. The footwall terrane, known as the *Monashee Complex,* is the deepest exposed structural level of the southern Omineca belt. The complex consists of an Early Proterozoic paragneiss core (Frenchman's Cap dome). These rocks were intruded by 2,000 million year (Ma) old granitoid plutons. Unconformably overlying the core rocks are stratified metamorphic rocks that include a basal quartzite

conglomerate which in turn is covered by a thick succession of pelitic, psammitic and calc-silicate gneiss (2,000 to 770 Ma). The metamorphism of the cover rocks is regarded to have occurred from Middle Jurassic to Paleocene.

The hanging wall of the Monashee Décollement is rocks of the *Shuswap Metamorphic Complex.* It comprises a thick sequence of Late Proterozoic Windemere, Purcell and Kootenay terrane. It includes rocks of sedimentary, plutonic and volcanic origin. Lithologies include paragneiss, orthogneiss, quartz-mica schist and lesser amounts of marble, calc-silicate, and amphibolite. Abundant granitoid intrusions occur within the Shuswap Metamorphic Complex ranging from Devono-Mississippian to Eocene in age. These rocks are thought to have formed during accretion and subduction of allochthonous oceanic terranes (Brandon and Smith, 1994). One such intrusion, the ***Anstey pluton*****,** forms a sheared metamorphosed elongate body situated near the western margin of the GQ property (Figure 3). Radiometric dating for this intrusion indicates a 92 to 94 Ma or mid Cretaceous age.

3.2 Local Geology

During the initial exploration on the GQ property, numerous outcroppings and float occurrences were prospected and mapped along logging roads, clear cuts and ridge tops. Overburden cover consists of glacial till along valley bottoms and boulder talus on steeper slopes. Till exposed along logging roads ranges in thickness from < 1 metre and up to 5 metres. Figure 4 displays the local geology (taken from BC Map Place).

The lithologies observed on the GQ property are quite diverse with several metamorphic and intrusive rock types present. The property lithologies and surrounding area are summarized as follows:

Metamorphic Rocks

Schist - Grey to red-brown, quartz-biotite ± muscovite ± garnet schist, well foliated and platy, to locally very contorted, folded, crumbly and weathered.

Gneiss - White to grey, medium to coarse-grained, mottled biotite ± garnet gneiss with local boudinage structures, quartz ± feldspar "sweats". Granitic gneiss is common.

Quartzite - Grey-green to purplish, fine-grained, often micaceous and platy impure quartzite. These are most commonly observed in Perry River drainage and height of land between Anstey and Perry Rivers.

Marble - White to grey-green, medium to coarse-grained bands <0.5 to 3.0 metres thick as beds intercalated with schist and gneiss. Found scattered throughout project area. Locally contains flakes of graphite.

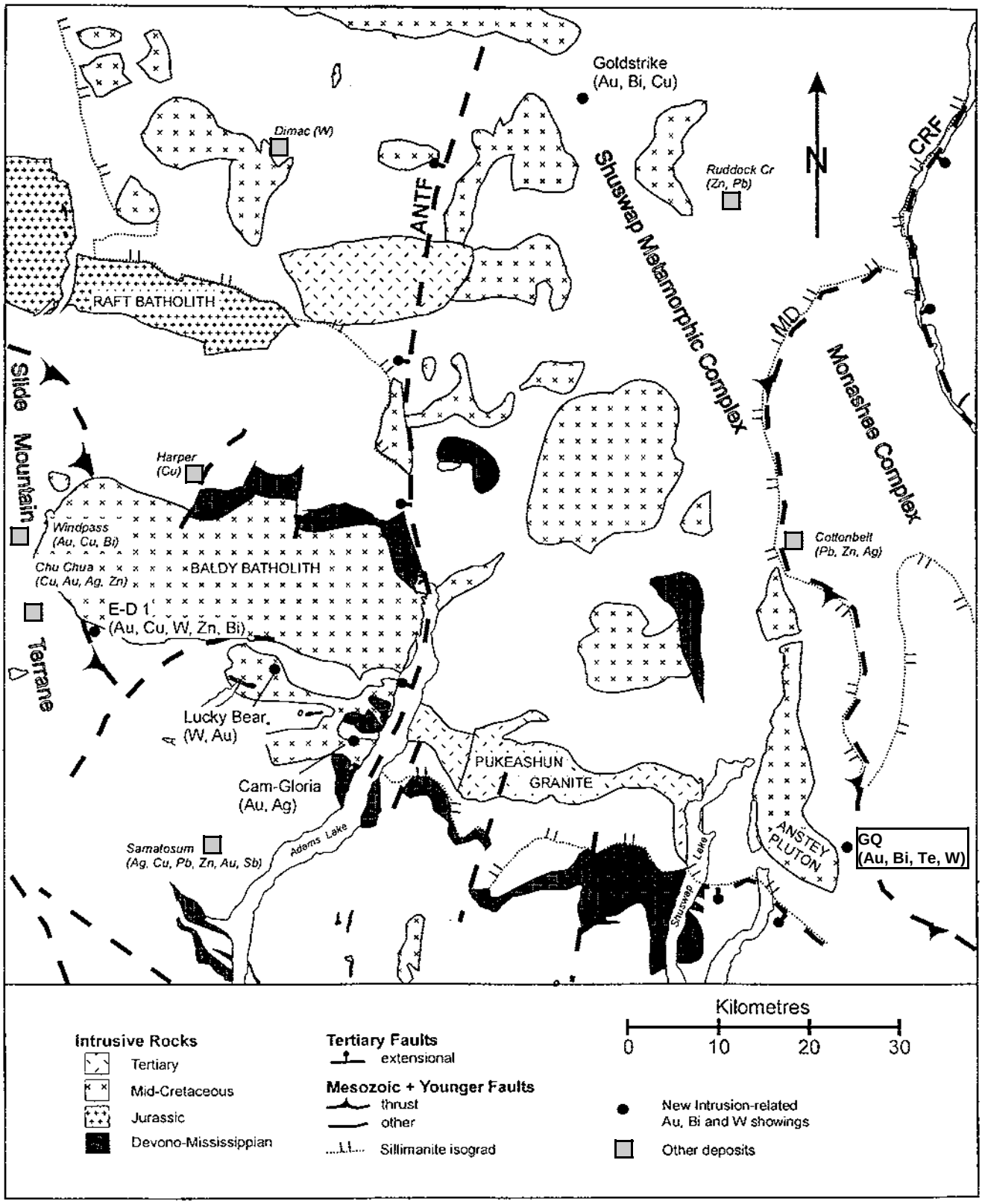
Calc-Silicate – Grey to pale green siliceous rocks that are intercalated within gneiss and schist. These rocks represent distinct lithologic units that were chemically reactive (calcareous) rocks. ***These rocks often are host to gold-bismuth-tellurium-tungsten (Au, Bi, Te, W) mineralization.***

Amphibolite - Dark green to black, medium to coarse-grained, locally garnetiferous bands up to several metres thick within schist or gneiss.

Intrusive Rocks

Granitoid Rocks (Anstey Pluton) - White to grey, medium to coarse-grained usually with biotite as chief mafic mineral. Quartz content is usually >10%, occasionally garnetiferous. Granitic rocks are most commonly observed in southwest region of GQ property (Figure 4).

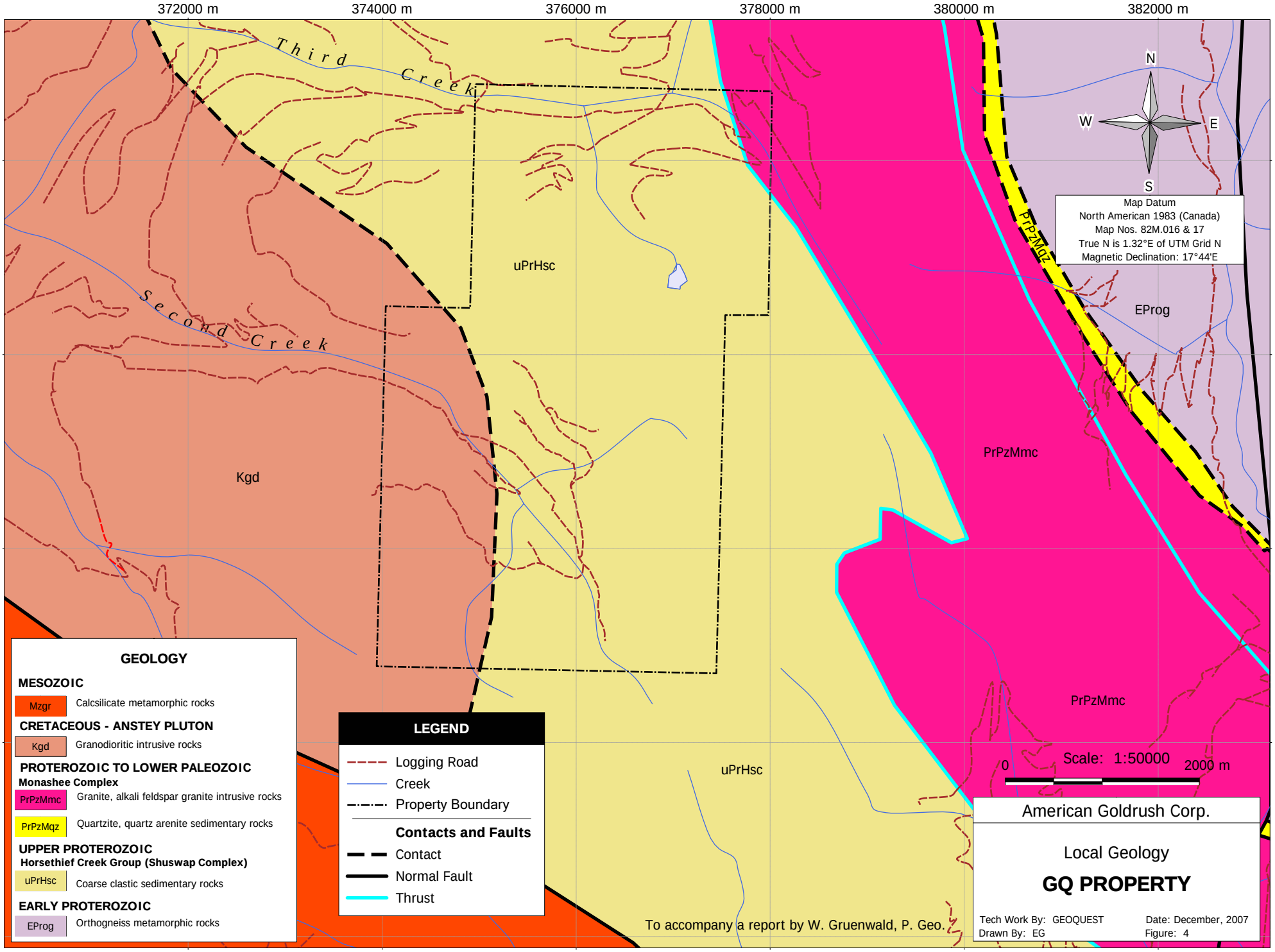
Pegmatite - White to pale grey, coarse-grained rock comprised of white Kspar, quartz and occasional coarse biotite and muscovite/sericite. Occur as dikes and sills throughout the property and surrounding area and range from one cm to several tens of metres wide. Tourmaline is present along Spur roads "A" and "C". Origin is likely metamorphic (anatectic) and as late stage emanations from granitoid bodies.



Generalized geology of the Shuswap metamorphic complex and adjacent areas (modified after Wheeler and McFeely, 1991) showing locations of new intrusion-related gold prospects and granitoid intrusions. Adams-North Thompson fault (ANTF), Monashee decollement and Columbia River fault are after Parrish *et al.* (1988) and Johnson (1994). Sillimanite isograd is after Read *et al*. (1991)

After British Columbia Geological Survey (1999)

Figure: 3


372000 m
374000 m
376000 m
378000 m
380000 m
382000 m
5670000 m
5668000 m
5666000 m
5664000 m
Third Creek
Second Creek
uPrHsc
Kgd
PrPzMmc
EProg
PrPzMqz
N
W
E
S
Map Datum
North American 1983 (Canada)
Map Nos. 82M.016 & 17
True N is 1.32°E of UTM Grid N
Magnetic Declination: 17°44'E
Scale: 1:50000
0
2000 m
GEOLOGY
MESOZOIC
Mzgr Calcsilicate metamorphic rocks
CRETACEOUS - ANSTEY PLUTON
Kgd Granodioritic intrusive rocks
PROTEROZOIC TO LOWER PALEOZOIC
Monashee Complex
PrPzMmc Granite, alkali feldspar granite intrusive rocks
PrPzMqz Quartzite, quartz arenite sedimentary rocks
UPPER PROTEROZOIC
Horsethief Creek Group (Shuswap Complex)
uPrHsc Coarse clastic sedimentary rocks
EARLY PROTEROZOIC
EProg Orthogneiss metamorphic rocks
LEGEND
Logging Road
Creek
Property Boundary
Contacts and Faults
Contact
Normal Fault
Thrust
To accompany a report by W. Gruenwald, P. Geo.
American Goldrush Corp.
Local Geology
GQ PROPERTY
Tech Work By: GEOQUEST
Drawn By: EG
Date: December, 2007
Figure: 4

Mafic Dikes - Dark green, grey to brown, fine-grained, basaltic (?) rocks that cut all lithologies. Dikes range from <1 metre to occasionally 5-10 metres wide and can occur in swarms. Most often strike north to north-northeast and dip steeply east or west and appear to be intruded along faults. Found throughout the region.

Structure

The metamorphic fabric of the schists and gneisses usually strike from 160° to 205° and dip from 40° to 60° westerly. Rocks on the recently acquired northern claims strike from 120° to 150° and dip 50° to 65° southwest indicating a broad warping of the metamorphic rocks. Locally strong variations in schistosity were noted. Intense small scale fold structures are evident.

Fault and shear zones are occasionally observed with orientations ranging from 165° to 215° and dips generally steep (65°+) to the west or east. Faults cut all lithologies with some displaying distinct dip-slip displacement. Fine grained mafic dikes often appear to have been emplaced along north trending steeply dipping faults.

Alteration

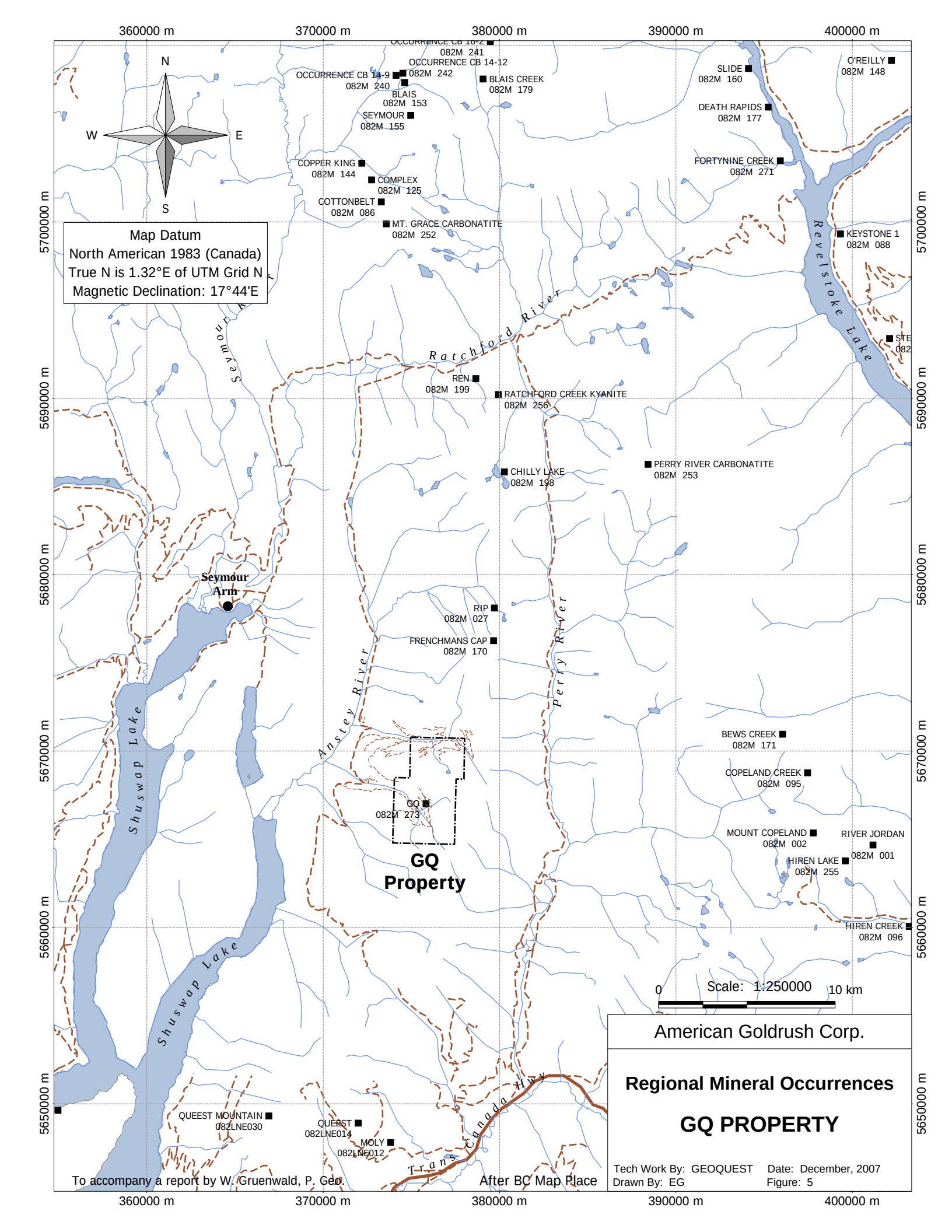
The oxidation of the ubiquitous and disseminated pyrrhotite in schist and gneiss resulting in rusty discoloration is the most common alteration noted in these rocks. Pegmatitic rocks are occasionally limonitic whereas the granitoid bodies seldom display any significant limonite staining. Sericitic alteration was occasionally observed in some pegmatites and granitic dikes.

4.0 MINERALIZATION

4.1 Regional Mineralization

British Columbia Mineral Inventory (Minfile) records indicate several mineral occurrences in the region (Figure 5). One of the most well known is the ***Cottonbelt*** occurrence (Minfile 082M 086) situated approximately 30 km north of the GQ property. The Cottonbelt consists of "*sedimentary exhalative"* lead, zinc, silver, and copper. Mineralized zones occur on both limbs of the Grace Mountain syncline, a tight isoclinal fold trending southeasterly within the Shuswap Metamorphic Complex along the northwestern margin of the Frenchman Cap Dome. Sulphide and oxide minerals are hosted by a thin layer of very siliceous calcareous schist and garnet sillimanite schist situated at the top of the "Cottonbelt Sequence", a heterogeneous package of dominantly calcareous rocks. Mineralization consists of coarse-grained sphalerite, magnetite, galena and minor pyrrhotite in a dark green, pyroxene-amphibole-quartz-garnet 'skarn' rock or as layers within siliceous calcareous gneiss, or as disseminated grains in a siliceous granular marble.

The mineralized zones are parallel with the bedding and dip about 35° southwest. They range in thickness from a few tens of centimetres to approximately two metres. The mineralized zones extend intermittently through a strike length of five kilometres in the western or upper limb (Cottonbelt zone) of the Grace Mountain syncline and two kilometres in the lower limb (McLeod zone). Several adits, shafts and raises have exposed mineralization intermittently over a strike distance of 1650 metres. The main ore zone, as exposed on surface, is up to 3.7 metres wide and 76 metres long. Approximately 2.5 kilometres northwest of the main zone and within the same stratigraphic unit are several smaller sulphide occurrences (*Copper King* - Minfile 082M 144). Unclassified reserves of the Cottonbelt zone are less than 1 million tonnes grading 6% lead, 2% zinc and 50 grams per tonne silver (Canadian Institute of Mining and Metallurgy Bulletin, April 1982).



American Goldrush Corp.

Regional Mineral Occurrences

GQ PROPERTY

Tech Work By: GEOQUEST Date: December, 2007
Drawn By: EG Figure: 5

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

After BC Map Place

Situated just south of the Cottonbelt occurrences are the ***Ren*** showings (Minfile 082M 199). Mineralization consists of rare earth (Ce, La, Nb, Nd, and Ta) and base metal (Cu, Zn, Mo) mineralization associated with north-northwest trending, concordant carbonatite sills and tuffs within the Monashee Complex along the western margin of the Frenchman Cap Dome. Two types of carbonatites occur within a calc-silicate unit. Type I is concordant within quartz-biotite-gneiss, quartz- amphibole gneiss and quartzite. It trends northwest for three kilometres, dips to the southwest, and varies from 20 to 200 metres in width. The carbonatite averages 60 to 80 per cent calcite, 10 to 30 per cent apatite with accessory biotite, amphibole, sphene and minor pyrrhotite, pyrite, sphalerite, chalcopyrite, molybdenite, pyrochlore and monazite. Type II, occurring 2 kilometres to the west, is concordant with a white marble unit and other metasedimentary layers and has been interpreted to be a carbonatite tuff.

Approximately 1.5 km and 5.5 km south-southeast of the Ren are kyanite occurrences referred to as ***Ratchford*** Creek (Minfile 082M 256) and ***Chilly Lake*** (082M 198). The ***Rip*** (082M 027) situated 8 km south of the Chilly Lake consists of molybdenite disseminations in nepheline and pegmatite dikes that intrude biotite gneiss and schist.

4.2 Property Mineralization

In 1999 and 2000 the writer conducted exploration for intrusion related gold deposits in the Anstey Range northeast of Shuswap Lake. The Anstey Range, with Cretaceous age intrusive rocks, was an area identified as prospective for this type of deposit by BC the Geological Survey (Paper 2000-1).This class of deposit has a distinctive "*geochemical signature"* namely gold, bismuth, tellurium and tungsten. Exploration for this type of deposit was spurred by the discovery of the 5 million ounce Pogo gold deposit in Alaska in the late 1990s.

Five mineral occurrences were discovered along new logging roads in the Second Creek area. The "GQ" mineral occurrences are documented as ***BC Minfile 082M 273*** which are subdivided by the author into the "SW", "SE" and "NE" showings. The latter is comprised of three proximal showings. Spatially, the GQ showings occur over an area in excess of 1.5 x 1.5 kilometres straddling the upper reaches of Second Creek. Bedrock showings and abundant float occurrences indicate the presence of several distinct mineralized areas within the metamorphic sequence.

Mineralization occurs as sulphide rich zones in calcareous and siliceous rocks that are described as ***calc-silicate or skarn "horizons"***. These rocks are intercalated with gneiss or marble near or adjacent to pegmatitic bodies. They consist of elongate lenses locally with weak to well defined sulphide bands or layering that may reflect relict bedding. Calc-silicate horizons range from 10-20 cm to several metres thick.

Calc-silicate rocks are often a distinctive pale grey to greenish colour and appear siliceous. Iron sulphides namely pyrrhotite, pyrite and marcasite are the dominant metallic minerals. Chalcopyrite (<1%) often occurs proximal to pyrrhotite. Some occurrences contain sooty, fine-grained pyrite or marcasite that rims or replaces pyrrhotite. Sulphides are often fine grained and occur as infillings between silicate grains. Sulphide content ranges from a few percent to >50%. In some calc-silicates significant amounts of scheelite are present. Many calc-silicate rocks contain anomalous amounts of gold, copper, bismuth, tellurium and tungsten.

Common characteristics of calc-silicate mineralization are summarized as follows:

1) Often proximal to pegmatite dikes or sills.
2) Calc-silicate gangue minerals are commonly comprised of pyroxene, plagioclase, scapolite, and quartz.
3) Sulphides occur as disseminations, "banded" sulphides or semi-massive clots.
4) Often display unusual "granular" texture comprised of inter-grown sulphides and silicate minerals.
5) Contain gold that is often coincident with anomalous amounts of bismuth, copper, tellurium and tungsten.

The GQ mineral occurrences are described from south to north as follows:

SW Showing

This showing is a 20 cm wide calc-silicate zone at the end of the Second Creek logging road and is just outside the present claims (Figures 6a-d). The attitude of this calc-silicate is 204°/50°W. Sample WP023 contains 1.58 g/t gold and anomalous signature elements (Bi, Te, and W). A 55 cm float boulder ~75 metres northeasterly containing 150 ppb Au and anomalous bismuth and tellurium suggests the presence of another nearby calc-silicate horizon.

SE Showing

This occurrence, also discovered in 1999 and located 1.5 km southeast of the SW showing, is a calc-silicate zone adjacent to a pegmatite sill. Mineralization is concordant with the host rocks (Attitude - 190°/50°W). Sampling (WP025) returned 115 ppb gold and anomalous amounts of bismuth, copper, tellurium and tungsten. In 2007 a 30x35 cm mineralized boulder found 60 metres easterly (up-ice) of the SW showing indicates the potential presence of another mineralized horizon in the area.

Approximately 200 metres west of this showing a 25 cm float cobble of calc-silicate (SCS 10+25) found in 2000 contains nearly 3 g/t gold and anomalous “signature elements”. This float may have been glacially transported from a higher grade portion of the SE showing or may originate from a separate calc-silicate horizon. Prospecting in 2007 discovered additional gold mineralized calc-silicate mineralization that is thought to be virtually in situ.

Spur D

This is a mostly logged area 0.75 km north and downhill of the SE showing. To date three significant float and bedrock occurrences were discovered. In 2000, a 30cm, pyrrhotite rich, calc-silicate boulder (SCD 10+99) was discovered and contains 2.6 g/t gold and anomalous bismuth, tellurium and tungsten. GQ06-04, a large (1 m) calc-silicate boulder (Photo 1) containing semi-massive pyrrhotite was found in 2006 less than 25 metres west of SCD 10+99. This occurrence indicates that calc-silicate “horizons” can be of substantial size.

Photo 1 - GQ06-04

GQ06-05 situated a few metres away in a creek bed is an in situ occurrence of a west dipping calc-silicate and quartz breccia zone. The difference in appearance and width suggests that samples GQ06-04 and SCD 10+99 originate from a separate but possibly nearby calc-silicate horizon(s). A very significant gold mineralized float occurrence was discovered along Spur D approximately 60 metres northeast and downhill of the above area. Sample GQ06-07 (Photo 2) is from a 15 cm sub rounded cobble of rusty weathering calc-silicate containing large irregular clots of pyrrhotite and minor chalcopyrite. ***This sample is the highest grade gold sample (11.57 g/t Au) collected to date from the property*** and may originate from calc-silicate horizons near the source of the above samples. This sample was submitted for petrographic analysis the results of which are found in Appendix C.

Photo 2 – GQ06-07

Spur A, B

This area is situated along the first 300 metres of two logging roads north of Second Creek. Several float occurrences of gold mineralized calc-silicate were discovered in 1999 and 2000. Float samples SCA 8+31 and SCB 8+12 display crude compositional and sulphide banding and the unusual "granular" appearance of gangue and sulphide minerals. Sample SCB 8+12 was submitted to Craig Leitch for petrographic (thin section) analysis. Results are summarized in Section 6.3 with the full report in Appendix C.

NE Showings

This area comprises a number of bedrock and float occurrences further northwest on spur roads A and B. On the lower road (Spur B) at least two mineralized bedrock occurrences of calc-silicate are present. These are 30 to 60 cm thick pyrrhotite bearing calc-silicate horizons intercalated in gneissic rocks. Both horizons strike northerly and dip 40° to 50° to the west. Sample SCB 13+53 although containing only a few percent sulphides contains nearly 2

g/t gold (Photo 3). A second nearby calc-silicate horizon (WP032) contains 15-30% pyrrhotite. The tracing of these zones along strike is hampered by overburden cover.

Discovered in 2000 along Spurs A and C approximately 300 metres uphill of the Spur B occurrences are three occurrences of calc-silicate with the unusual "granular" appearance and containing fine grained "sooty" sulphides. Some occurrences show pyrrhotite being replaced by fine-grained pyrite or marcasite. These zones up to 75 cm wide contain no gold but have high concentrations of tungsten. Sample WP104 contains abundant scheelite and assayed 8660 ppm (0.87% W). These occurrences may represent two separate horizons between the Spur A-B and Spur B trends.

Photo 3 – GQ06-18 (SCB 13+53)

5.0 EXPLORATION WORK – 2007

The fieldwork on the GQ property took place during the periods June 9-18 and Sept 4-5, 2007. The first program consisted of grid based soil sampling and magnetometer surveys along with prospecting, rock sampling and stream sampling. The second program consisted of road based soil sampling, prospecting and rock sampling on the newly acquired northern claims in the Third Creek valley.

5.1 Geochemical Program:

As recommended in the 2006 assessment report a program of grid based soil sampling was completed over target areas in the Second Creek valley. Three separate grids totaling 5.6 kilometres were established and are referred to as "Spur A-B", "Spur D" and "SE". Grids consist of chain and compass lines run at UTM east-west orientation. In the

property area true north is 1.32° east of UTM grid north thus grid lines are slightly less than 090° orientation. Lines are spaced at 100 or 200 metres with grid stations at 25 metres. Stations were marked by two coloured flagging.

Co-ordinates for the grids and soil samples are designated as northing and easting and recorded using 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. Also since GPS readings for reconnaissance sampling (i.e. rock, stream etc.) are recorded in the UTM system it was deemed logical to employ the same system for soil grids. An example grid co-ordinate for UTM location 5766550N; 375125E is recorded and marked in the field as "GQ6550N; 5125E".

Along logging road cuts soil from the "B" horizon but more often the "C" horizon or till was sampled. Stream samples consisting of active sediment were collected from small drainages within the new grids.

A total of 40 rock and 318 soil and 6 stream sediment samples were collected and shipped to Acme Analytical Labs in Vancouver for analysis. Rock and soil sample data for gold, bismuth, tellurium and tungsten are plotted on Figures 6a to 6d respectively. For interpretive purposes geochemically significant rock samples from the 1999, 2000 and 2006 programs are shown on these figures. Figure 6e is the gold soil and rock geochemical plan for the northern claims (Third Creek). Current and historic gold, bismuth and tungsten stream geochemical data for the entire property is presented on Figure 7. Complete 2007 analytical data was compiled in a Microsoft Excel spreadsheet and presented in Appendix A. Non statistical colour coding (conditional formatting) of the data was employed to identify correlations and aid with interpretation.

5.2 Prospecting

Logging roads provide some of the best bedrock exposures in the Second and Third Creek valleys. Heavily limonitic, sulphide rich or suspect calc-silicate bedrock and float was chip or grab sampled and collected in 6mil plastic sample bags. Representative hand specimens were collected for microscopic examination, testing with an ultraviolet lamp and petrographic work. Rock samples were located by a Garmin GPS and marked with flagging and/or aluminum tags. Rock sample descriptions are contained in Appendix B.

5.3 Sample Analysis

Soil samples were analyzed for 36 elements including gold using an Inductively Coupled Plasma - Mass Spectrometer (ICP-MS). Acme's 1DX technique is capable of ultra low detection limits in the parts per billion to parts per trillion ranges (ppb to ppt). A 15 gram sample rather than the typical 0.5 gram was used in the analysis to achieve more accurate gold values. Rock samples were also analyzed using ICP-MS that also includes tellurium analysis. Analytical methodologies are found in Appendix A.

5.4 Petrography

In 2007 five rock samples were submitted to Vancouver Petrographics and Craig Leitch for petrographic analysis. These samples along with two samples from 2000 are included in Table 3 for the purpose of comparing the mineralogical characteristics of various calc-silicate occurrences.

5.5 Geophysical Survey

Since most mineralized calc-silicate zones contain pyrrhotite and are weak to moderately magnetic it was theorized that a detailed magnetometer survey could be useful. Magnetometer readings were taken at 12.5-metre

intervals over all grid lines (5.6 km) using a Geometrics G816 magnetometer. Instrument magnetic readings were displayed in digital format representing the total magnetic field in nanoteslas (nT). Prior to conducting the survey, a magnetometer base station was established on the property. This station was checked several times during the course of the survey to track the magnetic "diurnal" variation. Although the diurnal was only 60 nT the data was "corrected" since the total magnetic relief on the property is small (< 800 nT). Magnetic data and instrumentation details are found in Appendix D.

6.0 PROGRAM RESULTS

6.1 Soil Sampling

Soil sampling in 2007 yielded gold values up to 28.6 ppb. To aid with interpretation the grid soil results are plotted with the 2006 road soil samples as well the anomalous rock samples.

Gold Soil Geochemical Results

The highest gold-in-soils occur in the ***SE grid*** where two gold anomalous soils are 25 m apart and also contain anomalous bismuth. These samples are less than 100 metres south and uphill of gold mineralized calc-silicate float occurrences two of which were discovered this year (GQ07-15, 16). The clustering of gold bearing float suggests the presence of one or more mineralized zones very near the interpreted 2006 "Spur D" trend. Follow-up exploration of this area is warranted.

Located further north in the ***Spur D grid*** two anomalous soils (10-12 ppb) are found east and "up-ice" of the cluster of mineralized calc-silicate float including high-grade sample GQ06-07. Interestingly most anomalous soils in this grid are east or up-ice of the anomalous calc-silicate float and stream sample. The results continue to make this area a priority target for future exploration.

Weak to moderately gold anomalous soils occur just west of the inferred ***Spur A-B trend***. Soils SCB 9+75 to 10+50 along Spur B yielded the four highest gold values of the 2006 program (up to 49 ppb Au).The anomalous soils and abundant calc-silicate float implies the presence of hidden mineralized calc-silicate horizons. Several scattered "mid category" gold soils further west along Spur B likely reflect the SCB 13+53 and WP032 calc-silicate bedrock occurrences. These showings are along the ***Spur B trend*** and inferred to be related to the ***SE Showing*** calc-silicate mineralization 1.3 kilometres to the south.

The road based soil sampling on the new northern claims in the Third Creek valley did not yield any particularly anomalous gold, bismuth or tungsten. Two weakly anomalous samples (6.1, 4.0 ppb Au) spaced 25 metres apart at station 12+25 on Spur GQN2 occur near a bedrock calc-silicate horizon which unfortunately does not contain gold.

Bismuth and Tungsten Soil Geochemical Results

A distinct cluster of bismuth found in the western portion of the SE Grid surrounds the area of gold bearing calc-silicate float. This strongly suggests the presence of a nearby mineralized zone. Only scattered weak to moderately anomalous bismuth is found in the Spur D grid. The bedrock calc-silicate occurrences along Spur B are marked by a distinct cluster of anomalous bismuth-in-soil. No bismuth anomalous zone is evident in the Spur A-B grid.

Tungsten anomalous soils occur in the SE grid near the bedrock calc-silicate showing while the spur D grid did not return any significant soil anomalies. The Spur A-B grid yielded scattered low order soil anomalies however the

extreme northeastern corner of the grid returned two definitely anomalous soils. There is generally no strong correlation between tungsten and gold.

6.2 Stream Sampling

Stream sampling yielded low gold values (Figure 7). The only sample of note is GQ07-06 which, relative to other samples in the Spur A-B grid, contains higher values for gold, barium, bismuth, copper and iron. This silt sample and nearby calc-silicate float boulders also support the hypothesis of calc-silicate horizons easterly and uphill.

To date one of the most anomalous stream samples still is sample PR-78 collected in 2000 in the Spur D grid. Containing 44 ppb gold, as well as coincident anomalous bismuth (4.41 ppm), tellurium (1.25 ppm) and tungsten (6.7 ppm) this sample suggests the presence of upstream mineralization. This area is interpreted to be part of the Spur D trend. Interestingly the northern projection of this trend coincides with stream sample PR-61 (280 ppb Au), the most anomalous on the property.

6.3 Rock Sampling

Prospecting and rock sampling has yielded encouraging results since the 1999 discovery of five bedrock showings and numerous float occurrences in the Second Creek valley. Many of these contain multi-gram gold as well as highly anomalous amounts of bismuth, copper, tellurium and tungsten. Three of the 40 rock samples collected in 2007 contain > 0.3 g/t gold. The results of prospecting and rock sampling to date are described in the following sub-sections. Data from 2006 and earlier work are included for reference, continuity and interpretive purposes. Significant mineralized rock samples are summarized in Table 2.

SE Showing

Prospecting in 2007 discovered additional mineralization (GQ07-15, 16) near float sample SCS 10+25 (3 g/t Au) found in 2000. Sample GQ07-16 contains 573 ppb gold and contains highly anomalous amounts of bismuth and tellurium. The abundance and angularity of these samples combined with the aforementioned anomalous soils indicates a nearby bedrock source.

Spur D

To date three significant float and a bedrock occurrence have been discovered and are described in Section 4.2. Less than 25 metres from SCD 10+99 (2.6 g/t Au), a 1 metre boulder of calc-silicate containing semi-massive pyrrhotite was found (GQ06-04). This float discovery indicates that the favourable host “horizons” can be sizeable. Sample GQ06-05, a creek bed occurrence of quartz-pyrrhotite breccia, contains 13 ppb gold and 698 ppm copper and verifies the presence of in-situ mineralized calc-silicate horizons. Approximately 60 metres northeast sample GQ06-07 was collected from a sub-rounded float fragment of sulphide rich calc-silicate. ***This sample contains 11.57 g/t gold, 786 ppb bismuth and 1131 ppm copper, the highest concentrations of these elements ever reported from the GQ property.*** In addition it also contains 200 ppm tungsten. The source of this float is unknown however it is conceivable that it originates from a calc-silicate horizon near the previous three samples. Sample GQ06-07 demonstrates that calc-silicate horizons are capable of hosting high-grade gold mineralization.

Table 2. Significant Rock Samples from the GQ Property

Area Name	Sample ID	Easting NAD83	Northing NAD83	Outcrop Float	Description	Strike	Dip	Au ppb	Bi ppm	Cu ppm	Te ppm	W ppm
SW	WP 023	373893	5666613	Outcrop	20 cm layer calc-silicate with 5-10% po.	204°	50°W	**1580**	**225.0**	305	**11.2**	**33.6**
SE	SCS 10+25	375030	5665825	Float	25 cm angular calc-silicate gneiss. 5% po, py, cpy. Graphite flakes.			**2980**	**156.0**	**502**	**16.5**	**26.8**
	WP 025R	375369	5665827	Outcrop	35-40 cm "granular" calc-silicate, po, minor cpy (5-25% sulphides).	190°	50°W	**115**	11.2	**992**	1.4	**288**
	GQ07-15	375175	5665837	Float	Composite grab of calc-silicate fragments to 30 cm, up to 30 % po.			**329**	25.1	**162**	1.65	**11.0**
	GQ07-16	375171	5665833	Float	20 cm subrounded to subangular calc-silicate, po up to 40%.			**573**	51.8	**549**	4.89	**0.4**
Spur D	GQ06-07	375290	5666655	Float	15 cm sub rounded calc-silicate with brecciated pyrrhotite (25-30%), Contains ***scheelite***.			**11570**	**786.0**	**113**	0.2	**200**
	SCD 10+99	375245	5666619	Float	30 cm angular calc-silicate, pyrrhotite 25-40%, minor cpy.			**2600**	**43.9**	**734**	**6.5**	**39.4**
Spur A-B	GQ06-14	375967	5666870	Float	20 cm subangular, crudely banded calc-silicate. 2%. po, ***Scheelite.***			3	1.3	135	**4.7**	**500**
	GQ06-15	375930	5666903	Float	30 x 15 cm banded calc-silicate gneiss with 5% po, local bands to 10%+, tr cpy. Crude similarity to SCB 8+12.			**487**	**63.6**	220	0.5	1.8
	SCA 8+31	375976	5666717	Float	Sub rounded 15 cm "granular textured" banded calc-silicate (pyroxene, scapolite, quartz), 15% py, po. Similar to WP 032.			**3090**	**159.0**	386	**16.8**	**14.8**
	SCB 08+12	375968	5666713	Float	Angular 15 cm float of greenish banded quartz-scapolite-pyroxene gneiss. Pyrrhotite lenses ~15-20%.			**3490**	**80.1**	366	**10.8**	**23.4**
	GQ07-14	376098	5666778	Float	Composite grab, two rusty "banded" calc-silicate boulders to 45 cm			**400**	**14.1**	**678**	1.82	2.7
NE	GQ06-18	375660	5667063	Outcrop	0.45 m calc-silicate layer. 2% dissem po. Same area as SCB 13+53.	175°	44°W	**376**	20.0	124	**11.0**	9.1
	GQ06-19	375656	5667071	Outcrop	Along 3 m plane of stratiform coarse grained calc-silicate. Disseminations and clots of po, trace cpy (5-10%). Abundant ***scheelite*** (up to 2mm). Resample of WP032.	175°	50°W	**3070**	**198.1**	**702**	**6.2**	**800**
	GQ06-20	375642	5667058	Float	20 x 30 cm calc-silicate with semi-massive clots of po, marcasite rims. (10% sulphides). Abundant ***scheelite.*** ~21m from SCB 13+53.			**3970**	**123.1**	365	0.1	**400**
	SCB 13+53	375661	5667062	Outcrop	60 cm calc-silicate horizon 5 m E of WP 032. Disseminated po ~1%	175°	50°W	**1980**	**66.2**	314	**5.1**	**58.6**
	WP029	375850	5667250	Outcrop	50 cm "skarny" looking calc-silicate comprised of diopside, quartz, garnet? Disseminated sooty po, py, trace cpy (<2%).	??	??	6.0	<2.00	390	<.5	**1210**
	WP 032	375850	5667250	Outcrop	30-50 cm "granular" looking calc-silicate with interstitial fine-grained, sooty to granular po, trace cpy. Sulphides ~15-30%	055°	60°W	**1250**	**91.2**	**510**	**7.3**	**251**
	WP 104	375979	5667315	Outcrop	75 cm mafic "granular" with patchy sulphides (3-8% po, py, cpy). Abundant ***scheelite***.	n/a	n/a	2	3.1	152	0.5	**8660**
	WP 106	375822	5667217	Outcrop	30 cm unusual "granular" textured pyroxene calc-silicate with fine-grained black "web like" py after po (10-20%), ***scheelite.***	040°	??	2	2.0	**613**	1.0	**429**

Abbreviations: Po=pyrrhotite py=pyrite cpy=chalcopyrite px=pyroxene dissem=disseminated

Spurs A, B

Float occurrences of gold mineralized calc-silicate were first discovered in 1999 and 2000. Two samples, SCA 8+31 and SCB 8+12 contain over 3 g/t gold and anomalous amounts of bismuth, copper, tellurium and tungsten. Discoveries in 2006 include GQ06-14, a float occurrence of banded calc-silicate containing abundant scheelite and GQ06-15, a subangular float boulder of banded calc-silicate that contains 487 ppb gold and highly anomalous bismuth. Boulders of calc-silicate up to 0.5 metres across were also discovered in 2007. Sample GQ07-14, the most easterly and uphill of these boulders, returned 0.4 g/t gold and anomalous amounts of bismuth and tellurium (Photo 4). The number of calc-silicate float cobbles and boulders in the Spur A-B area strongly suggests the presence of one or more undiscovered calc-silicate horizons. Prospecting east and uphill of the Spur "A" road is recommended in conjunction with a minimum 250 metre easterly extension of the detailed soil grid.

Photo 4 - GQ07-14 Float Boulder

NE Showings

At least two mineralized bedrock occurrences of calc-silicate were discovered in 1999 on Spur B. Sample SCB 13+53, although containing only a few percent sulphides, returned 1.98 g/t gold along with anomalous "signature elements". Sample WP032 collected from a nearby calc-silicate horizon contains 15-30% sulphides and returned 1.25 g/t gold along with highly anomalous bismuth, copper, tellurium and tungsten. Sample GQ06-19, a resample of WP032, returned 3.07 g/t gold and very anomalous signature elements. The northerly extension of these showings could not be observed as they are obscured by overburden. Float sample GQ06-20, located 20 metres downhill of the aforementioned bedrock samples, contains 3.97 g/t gold, the highest found to date in this area. Based on bedrock attitudes (strike/dip) it is conceivable that the NE and SE showings may be related. The interpreted ***"Spur B"*** trend presents a strike length potential of at least 1.5 kilometres (Figures 6a-d).

Third Creek Area

Exploration on the new claims in the Third Creek valley revealed the presence of the usual gneiss, schist and minor amphibolite seen in the region. Intrusive rocks represented by pegmatites were observed but are less common than in Second Creek. Prospecting resulted in the discovery of calc-silicate float and bedrock. Float samples GQ07-23 to 25 and 27 in hand specimen appear identical to that seen in the Second Creek valley 3.5 kilometres to the south-southeast. Two calc-silicate and marble horizons (GQ07-30, 31) were also found in bedrock along on the western spur road. Unfortunately none of the calc-silicate samples contain anomalous gold. Although sample GQ07-30 did not contain gold it did however contain >100 ppm tungsten.

Work on the northern claims successfully confirmed the existence of several calc-silicate horizons proving that these rock units are laterally extensive. Although visually and mineralogically similar to the Second Creek occurrences, calc-silicate rocks found in Third Creek do not contain appreciable gold and to a large extent lack the intrusion related signature elements. It is the writer's opinion that this may be due to the scarcity of granitic and pegmatitic rocks that are so commonly seen in Second Creek. *The intrusive rocks would appear to be an integral component involved in the deposition or remobilization of gold in the calc-silicate rocks.*

6.4 Petrography

The full petrographic analysis of samples from 2007 is found in Appendix C. Table 3 below was prepared to compare these and the two petrographic samples from 2000. Observations that emerge from the analyses are:

- ***Clinopyroxene*** is present in all samples except GQ06-07 which has the highest gold content of all samples.
- ***Plagioclase*** is indicated in all of the gold bearing samples.
- ***Scapolite*** occurs primarily in the Second Creek occurrences.
- ***Amphibole*** is common in two samples one of which is GQ06-07 and the other a known amphibolite rock.
- ***Samples SCS 10+25 and WP 032*** are mineralogically very similar but are 1.3 km apart along Spur B Trend.
- There is no correlation between total sulphide content does not between sulphide content (pyrrhotite, pyrite, and chalcopyrite) and gold grade.

When asked about how gold occurs in these rocks Craig Leitch stated *"presumably the gold occurs with the sulfides (originally pyrrhotite, now largely altered to pyrite/marcasite; and minor chalcopyrite, particularly the latter)".*

In summary the petrographic data indicates that there are several mineralogically distinct calc-silicate horizons and that gold mineralization is not constrained to a specific calc-silicate composition.

GQ PROPERTY - 2007

Table 3 – PETROGRAPHIC SAMPLE COMPARISON

Sample Details			Mineralogy									Sulphides			Geochemistry				
Sample Number	Zone Name or Road Label	Outcrop/Float	Clinopyroxene	Plagioclase	Quartz	Scapolite	Amphibole	K-Feldspar	Sphene	Apatite	Epidote	Pyrrhotite	Pyrite/ Marcasite	Chalcopyrite	Gold (ppb)	Bismuth (ppm)	Copper (ppm)	Tellurium (ppm)	Tungsten (ppm)
Second Creek																			
SCS 10+25R	SE Zone	Flt	30-35	≤10	30-35	25-30	-----	≤1	2-4	----	≤1	3-5	1-2	Tr	***2980***	***156.0***	502	***16.45***	26.8
GQ06-07	Spur D	Flt	------	30	25	------	20	-----	1-2	Tr	----	15	7	<1	***11570***	***786.0***	***1131***	***39.00***	***200***
WP 032	NE Zone	Otc	45-50	≤7	-----	25-30	<1	-----	2-4	----	≤1	3-5	7-10	<2	***1250***	91.2	510	7.25	***251***
SCB 8+12	Spur A-B	Flt	10	45	20	10	1-2	-----	1-2	<1	----	7	3	<1	***3490***	80.1	366	***10.80***	23.4
Third Creek																			
GQ07-20*	GQN1	Flt	10	-----	20	-----	55	-----	----	1-2	----	-----	2-3	<1	30.2	0.6	651	0.23	0.1
GQ07-27	GQN1	Flt	40	-----	<1	12	-----	-----	<1	<<1		45	1	<1	3.4	5.1	***1173***	1.71	0.2
GQ07-30	GQN1	Otc	25	55	------	-----	-----	2-3	2-3	-----	----	2-3	2-3	<1	0.3	0.9	519	0.38	***>100***

**Amphibolite sample*

6.5 Magnetometer Survey

The total field magnetic relief is low at less than 800 nT. Unfortunately the mineralized showings do not present as distinct magnetic anomalies possibly due to the width of the zones and mineralogy (pyrrhotite versus magnetite). The magnetic data on Figure 8 however does reveal several magnetic features as follows:

1) The ***SE grid*** reveals a lower magnetic intensity than other grid areas. A north trending magnetic low is found near the east end of the grid just west of bedrock calc-silicate SE showing (WP 025). This anomaly has no distinct geochemical expression and may thus represent intrusive rocks and/or alteration. The southernmost magnetic low is up ice and uphill of the mineralized calc-silicate float along the road (i.e. SCS 10+25, GQ07-15). Field investigation of these anomalies should be carried out in conjunction with prospecting for the source of the mineralized calc-silicate float.

2) The western portion of the ***Spur D*** grid reveals multi station magnetic "highs "that form a northerly trending anomaly. This is thought to correlate with fine grained mafic dikes mapped in the area. Such dikes occur throughout the region and are almost always quite magnetic. Two single point magnetic lows on each line form a north trending anomaly just east of the inferred Spur D trend. This anomaly with coincident weak gold-in-soil anomalies and being up-ice of mineralized float deem this as an exploration target.

3) The ***Spur A-B grid*** did not reveal significant magnetic signatures. The "highs" present in the northern part of the grid appear to be amphibolitic rocks related to those mapped in nearby rock cuts along Spurs A and B.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Exploration of the GQ property has resulted in the discovery of gold mineralization in an under-explored area of southern British Columbia. Five new showings and abundant mineralized float were discovered along several logging roads. Anomalous amounts of gold, bismuth, copper, tellurium and tungsten are associated with these occurrences – a geochemical signature similar to some intrusion related gold deposits. Pyrrhotite, pyrite with lesser amounts of chalcopyrite and scheelite occur in calc-silicate layers or "horizons" up to several metres thick.

Work conducted since 2006 indicates the presence of several mineralized horizons associated with at least four distinct and separate mineralized calc-silicate "horizons" within a thick sequence of metamorphic rocks. Calc-silicate rocks found in the new claims 3.5 km to the north indicate that these rocks are indeed laterally extensive.

The Third Creek calc-silicate occurrences contain very low concentrations of gold and indicator elements which is ascribed to the general lack of intrusive rocks. This suggests that gold mineralization in Second Creek owes its existence to the hydrothermal, tectonic and mineralizing effects of the nearby Anstey Pluton. If so the down dip projections of the calc-silicate horizons present good exploration targets.

The 2007 geochemical and magnetic surveys indicate the potential for discovery of mineralized calc-silicate horizons in the SE and Spur D grid areas. The known NE bedrock occurrences and inferred calc-silicate horizons in the Spur A-B area also offer definite exploration potential.

Further exploration work is warranted and should include the following:

1) Prospect and sample in the area of the soil, rock and magnetic "low" anomalies in the SE grid.
2) Investigate the Spur D magnetic anomalies and area easterly and up-ice of stream and float anomalies.
3) Extend Spur A-B grid and soil sampling/prospecting to the east by at least 250 metres.
4) Excavator to open spur roads A and D and trench up-ice of mineralized float.
5) Construct drill pads to test for potential calc-silicate zones on Spur D and A-B trends.
6) Construct drill pad on Spur B to test known showings.
7) Diamond drilling (450 metres) in three or four NQ holes drilled easterly at -45° on each zone.

The estimated cost of this program is $75,000.

Submitted by,

Warner Gruenwald, P. Geo.
December 16, 2007

Appendix A

Analytical Certificate List
Analytical Data
Methodology

List of Analytical Certificates for the 2007 GQ Property Program

Laboratory	Certificate Number	Certificate Date
Acme Analytical	A704067	05 July 2007
Acme Analytical	A704068	17 July 2007
Acme Analytical	A704069	04 July 2007
Acme Analytical	VAN07001337.1	21 November 2007
Acme Analytical	VAN07001338.1	09 November2007

GQ PROPERTY ROCK SAMPLES - 2007

Certificate	Sample Number	Easting NAD83	Northing NAD83	Flt Otc	Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
A704068	GQ07-01	375809	5666976	Flt	80.2	1.16	4.46	7.9	11	28	2.6	3.48	0.11	122	7	797	18.16	13	<5	0.10	7	0.08	121	2.5	0.66	28	0.06	6	7.16	0.07	1.5	7.5	405	1.25	3.3	0.05	0.06	2.2	7	13.5	28
A704068	GQ07-02	375859	5666955	Flt	11.6	0.11	7.15	2.9	6	26	2.4	4.98	0.08	72	8	464	8.63	19	<5	0.09	7	0.06	116	4.3	0.55	96	0.10	7	7.05	0.02	0.7	4.6	543	0.68	2.8	0.07	0.09	1.7	8	0.5	35
A704068	GQ07-02A	375859	5666955	Flt	11.1	0.09	6.91	1.3	7	27	1.5	4.88	0.07	41	9	304	6.00	19	<5	0.10	8	0.08	119	2.3	0.55	61	0.09	6	4.19	0.03	0.8	2.8	520	0.45	3.0	0.07	0.07	1.5	9	0.6	39
A704068	GQ07-03	375856	5666945	Flt	154.2	0.47	7.70	1.0	5	17	7.2	5.02	0.08	30	6	405	10.75	43	<5	0.02	5	0.06	96	1.3	0.29	36	0.07	3	6.99	0.02	0.7	4.0	365	0.91	3.4	0.04	0.03	1.4	6	1.7	11
A704068	GQ07-04	375928	5666903	Flt	11.1	0.17	>10.00	0.8	5	36	0.9	6.33	0.03	21	11	117	2.78	26	<5	0.04	11	0.10	147	4.4	0.39	32	0.11	4	1.54	0.03	1.1	0.8	665	0.13	2.7	0.10	0.03	1.5	15	0.9	9
A704068	GQ07-05	375972	5666859	Flt	40.3	0.42	4.79	1.0	4	50	2.8	3.29	0.05	41	17	258	5.56	15	10	0.18	7	0.40	96	0.7	0.39	36	0.05	3	4.28	0.03	1.5	2.7	329	0.47	2.2	0.11	0.10	1.2	18	36.9	25
A704068	GQ07-06	375966	5666858	Flt	20.1	0.06	5.91	0.8	3	16	3.9	3.92	0.03	20	11	90	2.12	14	<5	0.04	2	0.16	127	0.6	0.77	57	0.05	3	1.11	0.05	1.8	0.8	250	0.30	0.3	0.23	<0.02	0.5	30	0.7	10
A704068	GQ07-07	375985	5666850	Flt	9.9	0.51	8.70	0.8	14	55	0.9	6.54	0.10	45	3	486	5.72	24	<5	0.10	18	0.04	129	2.3	1.10	66	0.06	9	4.38	0.02	0.9	2.8	478	0.38	15.7	0.02	0.04	1.2	3	0.6	87
A704068	GQ07-08	376053	5666900	Flt	10.2	0.08	5.30	0.8	17	19	3.4	4.30	0.04	26	8	183	3.18	14	<5	0.13	10	0.13	126	0.8	1.17	19	0.15	6	2.29	0.05	1.2	1.5	337	0.26	4.1	0.06	0.03	1.5	9	0.6	29
A704068	GQ07-09	375996	5666802	Flt	13.5	0.28	7.64	0.4	9	32	2.5	5.47	0.06	29	9	219	4.72	18	<5	0.09	7	0.05	135	0.9	0.84	27	0.05	7	3.31	0.04	0.8	2.0	632	0.35	3.6	0.06	0.04	1.6	7	9.7	49
A704068	GQ07-10	376095	5666792	Flt	25.1	1.09	5.21	<0.1	6	25	2.1	3.71	0.06	134	7	722	17.51	16	<5	0.07	5	0.05	114	3.2	0.53	33	0.04	5	9.38	0.06	0.6	7.3	464	1.11	2.5	0.05	0.03	1.5	7	0.3	28
A704068	GQ07-11	376111	5666781	Flt	3.0	0.18	3.67	0.3	2	32	1.8	3.22	0.05	26	23	189	4.48	14	<5	0.14	4	1.10	278	1.6	0.18	24	0.17	2	1.43	0.06	8.0	1.3	171	0.18	0.4	0.29	0.11	0.3	116	0.6	34
A704068	GQ07-12	376102	5666809	Flt	23.4	0.63	6.72	<0.1	6	24	2.8	4.56	0.07	78	8	548	12.31	24	<5	0.06	7	0.11	111	5.7	0.51	52	0.12	4	6.23	0.03	0.8	4.1	370	0.57	2.4	0.07	0.05	2.2	11	0.6	21
A704068	GQ07-13	376095	5666792	Flt	7.1	0.16	6.78	0.6	7	37	1.3	4.49	0.08	16	10	112	2.44	18	<5	0.05	13	0.08	116	1.5	0.51	20	0.04	6	1.14	0.04	0.8	0.9	414	0.12	6.3	0.04	0.03	2.4	7	0.3	37
A704068	GQ07-14	376098	5666778	Flt	399.8	0.77	5.99	<0.1	11	19	14.1	4.20	0.07	93	8	678	12.65	17	6	0.07	7	0.08	73	1.7	0.68	27	0.06	6	8.88	<0.02	0.6	5.0	493	1.82	3.8	0.05	0.04	1.6	8	2.7	24
A704068	GQ07-15	375175	5665837	Flt	329.0	0.51	3.75	0.4	3	27	25.1	2.91	0.08	33	12	162	5.95	10	<5	0.06	7	0.09	116	5.0	0.36	51	0.04	6	3.74	0.06	0.8	1.4	401	1.65	3.9	0.04	0.03	1.1	8	11.0	28
A704068	GQ07-16	375171	5665833	Flt	573.2	0.82	1.52	<0.1	1	16	51.8	1.13	0.08	76	10	548	16.74	5	<5	0.04	3	0.10	127	10.1	0.18	36	0.03	3	>10	0.02	1.4	4.3	112	4.88	1.2	0.03	0.02	0.7	7	0.4	28
A704068	GQ07-17	375350	5665750	Otc	3.8	0.09	5.12	0.9	8	28	3.9	3.14	0.05	12	36	39	2.93	16	<5	0.35	11	0.62	266	1.2	0.34	18	0.05	6	0.71	0.04	4.7	0.8	311	0.08	2.8	0.16	0.17	1.6	43	1.1	38
A704068	GQ07-18	375389	5666781	Flt	37.8	0.77	2.34	0.1	2	15	4.3	1.90	0.08	111	6	811	18.27	8	40	0.06	11	0.11	174	3.5	0.28	46	0.11	4	7.94	0.03	1.4	5.5	167	1.15	6.5	0.03	0.04	2.8	6	260.0	30
VAN07001337	GQ07-19	377572	5670450	Flt	1.6	0.16	0.81	<0.1	<1	26	0.2	0.86	0.08	50	13	497	4.47	4	7	0.13	7	0.40	192	1.8	0.06	56	0.13	6	2.08	0.03	2.9	1.9	10	0.07	1.9	0.20	0.04	0.5	42	0.3	27
VAN07001337	GQ07-20	376823	5670580	Flt	30.2	0.28	0.81	0.2	<1	15	0.6	1.65	0.18	22	14	651	4.32	4	<5	0.09	12	0.60	207	2.0	0.09	23	0.34	2	1.98	0.03	2.4	1.0	43	0.23	4.7	0.09	0.03	1.0	33	0.1	35
VAN07001337	GQ07-21	376799	5670560	Flt	1.2	0.13	3.65	0.3	4	29	0.3	4.64	0.11	23	10	88	2.44	9	<5	0.07	9	0.16	158	2.1	0.45	36	0.05	8	1.14	<0.02	1.3	0.5	444	0.03	4.6	0.09	0.03	0.9	16	1.1	30
VAN07001337	GQ07-22	376631	5670474	Flt	4.6	0.54	4.78	0.2	6	20	1.0	3.96	0.07	37	5	632	3.70	11	<5	0.09	4	0.07	96	1.4	0.62	38	0.06	5	2.79	<0.02	1.1	2.3	336	0.31	2.2	0.05	0.04	0.8	5	0.3	36
VAN07001337	GQ07-23	376408	5670374	Flt	25.2	0.85	3.42	<0.1	5	17	8.4	2.88	0.10	71	5	578	10.52	9	<5	0.05	5	0.07	90	1.5	0.49	47	0.05	6	5.15	<0.02	0.5	4.6	207	0.69	1.9	0.06	0.04	1.0	4	0.3	26
VAN07001337	GQ07-24	376379	5670356	Flt	3.5	0.82	3.91	0.1	4	23	2.3	3.18	0.06	89	4	834	6.66	12	<5	0.08	4	0.07	96	8.0	0.54	58	0.08	4	5.20	<0.02	0.9	5.1	298	0.77	1.8	0.03	0.04	4.1	6	30.1	26
VAN07001337	GQ07-25	376111	5670199	Flt	1.2	0.09	4.27	<0.1	2	42	0.2	2.66	0.06	28	35	226	3.37	14	<5	0.26	9	0.54	136	1.0	0.23	48	0.18	4	1.77	<0.02	4.5	1.7	118	0.09	3.6	0.12	0.13	0.9	39	0.3	25
VAN07001337	GQ07-26	376716	5669504	Flt	0.8	0.16	2.25	0.2	2	28	0.5	1.25	0.13	20	31	140	2.90	7	<5	0.29	5	0.45	147	2.5	0.14	27	0.03	3	1.54	<0.02	3.0	1.0	138	0.08	1.8	0.10	0.14	0.8	25	3.6	26
VAN07001337	GQ07-27	376077	5670211	Flt	3.4	0.47	1.42	0.4	<1	6	5.1	1.25	0.07	187	3	1173	22.24	4	<5	0.03	2	0.05	88	7.2	0.18	108	0.04	4	7.31	<0.02	0.7	15.5	102	1.71	1.5	0.02	0.04	0.5	3	0.2	19
VAN07001337	GQ07-28	375983	5670235	Otc	1.1	0.06	2.09	0.2	<1	91	0.1	0.09	0.08	9	41	44	3.79	9	5	0.85	7	0.82	196	1.8	0.02	14	0.01	5	0.20	<0.02	7.3	0.3	7	<0.02	2.6	0.25	0.43	0.4	53	0.3	72
VAN07001337	GQ07-29	375808	5670206	Otc	0.7	0.05	2.20	0.5	<1	122	0.2	1.65	0.08	34	141	95	4.99	9	<5	0.06	54	3.06	559	0.9	0.06	129	0.23	18	0.52	<0.02	2.3	0.6	113	0.03	4.5	0.21	<0.02	0.4	93	0.1	66
VAN07001337	GQ07-30	375782	5670202	Otc	0.3	0.56	1.11	0.8	<1	6	0.9	0.70	0.06	88	23	519	9.24	5	8	0.02	5	0.52	275	4.4	0.03	74	0.09	3	5.17	0.02	2.1	5.2	31	0.38	2.6	0.06	0.05	0.8	21	>100.0	39
VAN07001337	GQ07-31	375772	5670197	Otc	0.7	0.09	4.08	1.4	4	37	0.3	3.21	0.09	18	24	50	2.66	11	6	0.12	11	0.48	347	0.8	0.39	30	0.05	11	0.39	0.03	2.4	0.4	275	0.08	7.1	0.03	0.08	1.3	24	1.1	39
VAN07001337	GQ07-32	375729	5670190	Otc	0.5	0.09	2.75	0.7	3	20	0.2	2.27	0.09	20	11	149	2.70	7	<5	0.06	6	0.17	172	1.8	0.17	27	0.04	7	1.02	0.03	1.1	0.8	144	0.03	2.5	0.06	0.04	1.2	10	8.1	36
VAN07001337	GQ07-33	375772	5670116	Otc	0.6	0.08	1.97	0.1	1	35	0.1	1.19	0.06	9	26	44	2.14	7	5	0.40	8	0.56	142	1.2	0.20	15	0.03	4	0.52	<0.02	3.6	0.4	62	0.02	3.9	0.15	0.20	1.6	27	0.3	35
VAN07001337	GQ07-34	375877	5670074	Otc	2.0	0.19	3.93	<0.1	10	16	0.4	3.03	0.07	15	13	98	2.04	10	<5	0.08	8	0.20	94	1.2	0.44	26	0.10	6	0.80	<0.02	0.7	0.9	254	0.10	2.3	0.07	0.04	0.8	11	0.7	27
VAN07001337	GQ07-35	375591	5669955	Flt	1.7	0.19	0.14	<0.1	<1	12	0.3	0.02	0.08	22	6	245	1.67	1	<5	0.08	3	0.03	20	2.8	0.03	3	0.01	5	1.04	<0.02	0.3	0.6	4	0.12	1.4	0.01	0.02	0.4	<2	0.1	2
VAN07001337	GQN1-R 2+50	377697	5670236	Flt	0.9	0.05	0.97	1.2	<1	41	0.1	0.09	0.09	10	29	35	2.11	4	<5	0.26	6	0.51	121	4.6	0.03	23	0.00	3	0.55	<0.02	3.1	0.2	4	0.03	2.3	0.13	0.09	0.2	30	0.1	32
VAN07001337	GQN1-R 8+30	377611	5670119	Flt	0.9	0.04	1.70	<0.1	<1	269	0.1	0.19	0.04	14	47	43	3.29	8	<5	1.24	9	1.18	270	0.6	0.06	14	0.04	3	0.09	<0.02	9.0	0.1	8	<0.02	4.2	0.33	0.36	0.4	66	0.3	56
VAN07001337	GQN1-R 13+65	377100	5670222	Otc	1.4	0.07	4.53	<0.1	7	19	0.2	3.66	0.05	10	10	33	1.29	12	<5	0.12	5	0.13	66	0.6	0.62	21	0.05	8	0.35	<0.02	0.7	0.2	508	0.04	3.2	0.07	0.04	1.0	6	1.4	30
VAN07001337	GQN1-R 13+85	377081	5670216	Flt	0.8	0.04	2.00	<0.1	<1	175	0.3	0.15	0.07	10	145	20	2.59	8	<5	1.39	6	1.49	374	0.7	0.07	26	0.02	4	0.29	<0.02	9.6	0.2	9	0.03	2.9	0.23	0.68	0.9	48	0.3	68

					Au	10.0-25.0					Bi:	5.0-10.0				Cu:	20-30																Te:	0.50-1.00				W:	2.0-5.0	
						25.0-50.0						10.0-20.0					30-50																	1.00-2.00					5.0-10.0	
						>50.0						>20.0					>50																	>2.00					>10./0	

GQ PROPERTY SOIL SAMPLES - 2007

Certificate	Sample Number	Easting NAD83	Northing NAD83	Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
A704067	GQ7100N 5525E	375525	5667100	5.5	0.1	2.59	2.3	1	67	0.7	0.11	0.2	8	30	25	3.74	14	0.06	0.10	10	0.48	172	2	0.02	16	0.07	15	0.10	0.2	3.8	<.5	12	6.4	0.15	0.1	1.3	63	1.7	49
A704067	GQ7100N 5500E	375500	5667100	2.6	<.1	1.84	1.5	1	57	0.8	0.04	0.1	4	20	13	3.15	15	0.07	0.05	8	0.21	68	1	0.02	8	0.03	13	0.07	<.1	2.4	<.5	6	4.4	0.15	0.1	1.0	62	1.5	36
A704067	GQ7100N 5550E	375550	5667100	1.6	0.1	1.45	1.5	1	63	0.7	0.07	0.1	6	19	11	3.29	16	0.07	0.07	8	0.18	252	1	0.01	8	0.04	15	0.08	<.1	2.2	<.5	8	3.1	0.16	0.1	0.9	65	0.6	49
A704067	GQ7100N 5575E	375575	5667100	2.2	0.2	1.85	1.6	1	101	0.6	0.14	0.2	7	26	17	3.24	14	0.07	0.14	9	0.41	132	1	0.01	11	0.06	11	0.10	<.1	3.3	<.5	13	3.8	0.21	0.1	1.2	63	1.0	52
A704067	GQ7100N 5600E	375600	5667100	1.3	0.1	3.53	1.8	2	109	0.9	0.50	0.2	11	39	24	3.57	16	0.12	0.21	12	0.74	272	2	0.02	22	0.05	17	0.11	<.1	4.8	0.6	38	6.3	0.21	0.3	3.6	62	0.9	89
A704067	GQ7100N 5650E	375650	5667100	1.0	<.1	2.28	1.3	1	127	1.3	0.15	0.1	9	41	23	4.29	19	0.04	0.32	12	0.70	225	4	0.01	18	0.03	17	0.08	<.1	5.7	0.5	14	4.7	0.23	0.3	2.6	79	0.7	77
A704067	GQ7100N 5662E	375662	5667100	2.5	<.1	1.98	1.5	<1	83	1.9	0.04	0.1	6	35	19	4.42	23	0.02	0.35	7	0.61	161	3	0.01	12	0.03	22	<.05	0.1	4.3	<.5	5	3.5	0.34	0.3	2.3	84	0.5	83
A704067	GQ7100N 5675E	375675	5667100	1.7	<.1	1.55	1.2	1	66	0.6	0.05	0.1	5	22	12	2.52	14	0.04	0.14	12	0.35	210	2	0.01	9	0.04	14	0.06	<.1	3.0	<.5	5	5.1	0.18	0.2	1.4	52	0.6	52
A704067	GQ7100N 5700E	375700	5667100	3.5	<.1	2.15	1.3	1	84	1.0	0.06	0.1	5	17	8	2.57	19	0.06	0.13	11	0.28	234	1	0.01	7	0.04	15	0.06	<.1	2.8	<.5	7	6.2	0.20	0.2	1.3	45	1.7	76
A704067	GQ7100N 5725E	375725	5667100	7.2	<.1	0.70	0.8	1	46	2.5	0.04	0.1	3	12	6	1.84	16	0.03	0.07	7	0.16	90	1	0.01	5	0.02	11	<.05	<.1	1.2	<.5	7	3.4	0.21	0.1	0.6	58	4.6	34
A704067	GQ7100N 5750E	375750	5667100	2.1	0.1	1.07	0.8	1	71	0.3	0.06	0.2	3	17	9	2.06	10	0.05	0.04	7	0.12	95	1	0.01	4	0.03	10	0.07	<.1	1.6	<.5	8	2.1	0.11	0.1	0.7	43	0.4	25
A704067	GQ7100N 5775E	375775	5667100	1.3	0.1	2.09	1.2	1	69	0.8	0.06	0.1	7	33	19	3.80	22	0.03	0.14	14	0.60	136	3	0.01	14	0.04	14	0.06	<.1	4.1	<.5	8	5.9	0.22	0.2	1.2	87	1.7	74
A704067	GQ7100N 5800E	375800	5667100	1.7	<.1	1.61	1.4	1	85	0.6	0.08	0.1	8	24	28	4.05	19	0.04	0.14	9	0.43	162	1	0.01	15	0.04	17	0.06	0.2	3.3	<.5	10	4.2	0.22	0.2	0.8	85	0.4	74
A704067	GQ7100N 5825E	375825	5667100	2.7	0.3	1.74	1.0	1	85	0.8	0.09	0.2	9	16	25	3.41	17	0.07	0.07	27	0.25	209	3	0.01	12	0.02	22	0.08	<.1	3.5	0.6	10	4.5	0.13	0.1	9.3	62	0.7	49
A704067	GQ7100N 5850E	375850	5667100	1.9	0.4	2.78	0.6	<1	184	0.5	0.81	0.2	16	52	37	4.14	12	0.07	0.42	40	0.63	458	3	0.01	36	0.04	36	0.08	<.1	9.6	1.2	60	3.1	0.12	0.4	21.3	64	0.6	99
A704067	GQ7100N 5875E	375875	5667100	1.0	0.2	3.18	1.6	1	73	0.4	0.49	0.3	14	73	18	5.07	17	0.08	0.16	14	0.59	119	5	0.02	27	0.03	20	0.10	<.1	5.4	0.9	34	3.1	0.20	0.2	5.2	112	0.9	90
A704066	GQ7100N 5900E*	375900	5667100	1.9	0.4	3.99	2.8	1	98	0.6	0.18	0.2	14	52	20	3.94	17	0.0	0.15	14	0.50	130	5	0.02	28	0.02	18	0.09	<.1	5.4	0.7	23	6.4	0.22	0.2	7.7	77	1.0	57
A704067	GQ7100N 5925E	375925	5667100	1.6	0.5	3.92	<.5	2	198	0.4	1.26	0.6	18	61	32	3.22	14	0.1	0.22	36	0.76	1440	9	0.03	28	0.08	16	0.18	<.1	6.6	1.8	104	1.4	0.15	0.4	16.8	70	1.0	86
A704067	GQ7100N 5950E	375950	5667100	1.1	0.2	4.78	2.1	1	155	0.7	0.13	0.3	18	103	26	5.07	18	0.14	0.15	6	0.86	227	4	0.02	38	0.03	25	0.10	<.1	6.1	0.6	12	4.0	0.14	0.2	1.9	89	1.3	103
A704067	GQ7100N 5975E	375975	5667100	0.6	0.2	2.93	1.7	1	49	0.5	0.08	0.3	11	46	12	5.12	17	0.09	0.12	14	0.50	149	3	0.01	13	0.03	23	0.08	<.1	4.6	0.6	10	5.2	0.09	0.2	1.2	110	0.6	64
A704067	GQ7100N 6000E	376000	5667100	4.4	0.3	2.70	1.0	1	105	0.5	0.81	0.2	12	49	27	4.48	15	0.05	0.30	20	0.63	254	2	0.02	25	0.04	13	0.10	<.1	6.1	0.9	50	4.0	0.26	0.3	9.6	76	0.8	78
A704067	GQ7100N 6025E	376025	5667100	1.3	<.1	1.43	1.5	1	62	0.8	0.07	0.1	6	25	12	3.79	22	0.05	0.13	10	0.32	100	2	0.01	11	0.03	20	0.07	0.2	3.0	<.5	8	3.7	0.33	0.2	0.7	100	0.4	65
A704067	GQ7100N 6050E	376050	5667100	2.3	0.5	4.88	2.3	1	112	0.6	0.98	0.2	15	50	31	4.65	14	0.09	0.15	17	0.43	113	2	0.02	30	0.05	21	0.11	<.1	5.5	1.2	64	3.6	0.20	0.3	16.2	68	1.0	46
A704067	GQ7100N 6075E	376075	5667100	1.9	0.2	4.35	1.3	<1	205	1.2	0.39	0.1	42	53	80	6.14	19	0.06	0.40	15	1.14	259	3	0.02	61	0.04	17	0.10	<.1	10.9	0.6	51	5.8	0.25	0.6	6.7	132	6.4	80
A704067	GQ7100N 6100E	376100	5667100	2.4	0.1	5.02	2.1	2	133	0.9	0.53	0.2	39	77	56	7.20	24	0.1	0.35	17	1.48	319	4	0.05	33	0.06	18	0.10	<.1	11.5	0.6	46	6.8	0.40	0.4	4.5	183	3.3	100
A704067	GQ7050N 5500E	375500	5667100	9.5	0.2	2.85	1.2	1	131	0.7	0.19	0.2	8	31	23	3.66	16	0.07	0.16	13	0.53	136	2	0.02	17	0.05	13	0.09	<.1	4.5	0.6	18	4.9	0.18	0.2	1.8	65	0.8	53
A704067	GQ7050N 5525E	375525	5667050	2.0	<.1	2.05	1.6	1	80	0.8	0.13	0.2	5	23	15	3.85	19	0.06	0.09	8	0.22	86	3	0.02	12	0.04	14	0.12	<.1	2.5	0.5	15	2.5	0.21	0.1	1.1	73	0.8	37
A704067	GQ7050N 5550E	375550	5667050	2.5	0.1	1.23	0.8	1	39	0.3	0.03	0.2	4	12	6	2.01	9	0.07	0.04	5	0.09	106	1	0.02	4	0.02	8	<.05	<.1	1.5	<.5	4	2.3	0.11	0.1	0.7	43	0.2	34
A704067	GQ7050N 5575E	375575	5667050	1.4	<.1	2.41	1.4	1	82	1.0	0.05	0.1	6	29	12	3.64	19	0.06	0.19	10	0.45	169	2	0.01	10	0.05	17	0.06	<.1	3.9	<.5	6	4.5	0.27	0.2	1.1	73	0.7	79
A704067	GQ7050N 5600E	375600	5667050	2.1	<.1	3.02	1.5	1	93	0.7	0.06	0.1	6	27	11	2.89	13	0.1	0.15	7	0.35	266	1	0.02	9	0.08	13	0.08	<.1	3.8	0.5	7	2.9	0.18	0.2	1.2	53	0.6	78
A704067	GQ7050N 5625E	375625	5667050	0.9	<.1	0.36	0.5	1	33	0.6	0.03	0.1	1	6	4	0.68	8	0.02	0.04	8	0.04	41	1	0.02	2	0.01	12	<.05	<.1	0.7	<.5	4	2.5	0.12	0.1	0.5	30	0.1	18
A704067	GQ7050N 5650E	375650	5667050	1.7	<.1	2.70	1.0	1	85	0.5	0.06	0.1	7	17	10	1.85	11	0.09	0.09	7	0.22	246	1	0.02	7	0.03	12	<.05	<.1	2.9	0.5	7	4.4	0.14	0.2	2.5	29	0.4	54
A704067	GQ7050N 5675E	375675	5667050	4.9	0.2	4.85	1.0	2	149	2.1	0.29	0.2	18	46	38	3.96	16	0.1	0.21	32	0.68	597	2	0.02	35	0.04	20	0.07	<.1	6.9	0.6	29	8.0	0.21	0.3	20.1	67	2.9	99
A704067	GQ7050N 5700E	375700	5667050	1.9	0.3	4.00	1.2	1	173	1.0	0.49	0.2	16	57	30	4.90	15	0.1	0.56	15	0.72	241	2	0.02	24	0.05	16	0.08	<.1	9.0	0.9	30	2.7	0.29	0.5	10.9	76	0.6	139
A704067	GQ7050N 5725E	375725	5667050	3.5	<.1	2.03	0.8	1	100	0.6	0.07	0.1	7	33	13	3.11	16	0.03	0.28	13	0.57	159	1	0.01	13	0.03	13	0.07	<.1	5.0	<.5	8	5.2	0.26	0.2	1.3	61	0.4	87
A704067	GQ7050N 5750E	375750	5667050	1.7	0.1	4.10	1.1	1	107	0.4	0.10	0.2	10	24	12	2.60	13	0.06	0.15	11	0.82	147	1	0.02	13	0.05	12	0.08	<.1	3.8	<.5	9	5.6	0.20	0.3	1.6	43	0.5	111
A704067	GQ7050N 5775E	375775	5667050	2.1	0.2	3.20	1.5	1	130	0.6	0.22	0.2	9	33	25	3.28	13	0.06	0.14	14	0.46	118	2	0.02	18	0.04	15	0.06	<.1	4.7	0.6	18	5.1	0.16	0.2	10.1	58	1.2	62
A704067	GQ7050N 5800E	375800	5667050	3.3	0.5	3.98	1.8	1	63	0.6	0.16	0.4	7	16	25	2.31	10	0.15	0.05	13	0.10	58	1	0.02	13	0.06	25	0.08	0.1	2.9	0.7	12	4.1	0.14	0.1	9.5	28	0.9	60
A704067	GQ7050N 5825E	375825	5667050	1.8	0.2	4.54	2.6	1	91	0.7	0.11	0.2	9	32	24	5.28	17	0.07	0.11	9	0.29	97	3	0.01	21	0.04	28	0.09	0.1	3.7	0.6	13	5.2	0.08	0.2	2.3	64	1.0	88
A704067	GQ7050N 5850E	375850	5667050	0.8	0.4	2.77	1.7	1	82	0.4	0.19	0.5	11	37	20	3.41	12	0.1	0.11	10	0.27	479	5	0.01	15	0.04	18	<.05	0.1	3.3	0.6	15	3.1	0.12	0.2	3.7	76	0.8	74
A704067	GQ7050N 5875E	375875	5667050	2.3	0.2	6.12	3.7	1	126	0.5	0.26	0.2	21	57	24	4.39	14	0.05	0.21	12	0.70	313	2	0.02	35	0.04	20	0.08	0.1	6.2	0.6	31	6.4	0.21	0.3	7.3	75	1.4	105
A704067	GQ7050N 5900E	375900	5667050	3.8	<.1	1.89	1.8	1	80	0.5	0.07	0.1	8	54	16	5.33	28	0.05	0.13	7	0.53	180	2	0.01	15	0.04	16	<.05	0.1	3.2	<.5	9	3.4	0.36	0.2	0.9	149	0.9	117
A704067	GQ7050N 5925E	375925	5667050	2.5	<.1	2.54	1.4	<1	72	0.3	0.06	0.1	7	37	12	3.64	14	0.08	0.07	6	0.27	172	1	0.01	9	0.03	13	<.05	0.1	3.1	0.5	7	3.1	0.18	0.1	0.9	62	0.6	80
A704067	GQ7050N 5950E	375950	5667050	2.2	0.2	2.93	0.7	1	73	0.4	0.84	0.1	10	43	24	3.30	10	0.07	0.12	19	0.37	348	3	0.02	16	0.04	22	0.06	0.1	3.8	1.8	51	2.8	0.15	0.2	15.2	71	0.7	82
A704067	GQ7050N 5975E	375975	5667050	1.1	0.3	2.68	0.9	1	92	0.5	0.92	0.3	15	48	31	3.97	13	0.05	0.20	21	0.55	1083	3	0.02	26	0.05	18	0.06	0.1	5.2	0.9	55	2.6	0.19	0.3	16.0	73	0.7	96
A704067	GQ7050N 6000E	376000	5667050	0.6	0.1	2.82	0.8	1	122	0.5	0.84	0.2	16	51	24	3.78	12	0.07	0.16	16	0.61	1594	2	0.02	24	0.05	20	0.10	0.1	5.3	1.0	55	2.6	0.17	0.3	12.2	78	0.8	113
A704067	GQ7050N 6025E	376025	5667050	1.4	0.2	2.56	1.3	1	92	0.4	0.13	0.2	11	38	22	3.52	12	0.1	0.17	10	0.46	308	2	0.01	19	0.03	14	<.05	0.1	4.2	0.6	10	4.6	0.20	0.2	2.2	65	0.6	72
A704067	GQ7050N 6075E	376075	5667050	1.0	0.3	3.14	1.2	1	81	0.7	0.13	0.2	16	42	31	5.12	18	0.11	0.19	10	0.58	293	2	0.01	19	0.05	19	<.05	0.1	5.3	0.7	13	3.3	0.24	0.2	2.6	140	1.7	82
A704067	GQ7000N 5525E	375525	5667000	1.7	0.2	4.07	1.5	1	80	0.4	0.14	0.4	8	21	17	3.21	15	0.1	0.08	9	0.13	125	2	0.02	6	0.05	15	0.07	0.1	2.7	0.8	20	2.5	0.18	0.1	2.9	42	0.5	36
A704067	GQ7000N 5500E	375500	5667000	<.5	<.1	2.34	0.6	<1	107	0.4	0.09	0.3	9	31	20	3.34	9	0.04	0.17	13	0.49	130	1	0.01	17	0.03	9	<.05	<.1	3.8	<.5	10	4.9	0.16	0.2	1.1	51	0.9	68
A704067	GQ7000N 5550E	375550	5667000	2.4	0.4	5.88	1.8	1	129	1.1	0.30	0.3	17	40	27	3.88	16	0.14	0.18	22	0.45	788	5	0.02	25	0.06	32	0.08	0.1	5.1	0.9	25	9.6	0.18	0.4	16.5	64	1.1	110
A704067	GQ7000N 5575E	375575	5667000	1.3	<.1	2.00	1.0	1	100	0.5	0.05	0.1	7	24	14	2.82	15	0.03	0.15	10	0.37	103	3	0.02	12	0.02	13	<.05	0.1	3.0	<.5	9	4.3	0.22	0.1	1.4	61	0.3	71
A704067	GQ7000N 5600E	375600	5667000	2.7	0.2	1.52	0.6	1	49	0.5	0.03	0.2	4	15	8	1.87	10	0.09	0.07	8	0.11	143	1	0.02	5	0.03	12	<.05	0.1	1.7	<.5	5	3.3	0.14	0.1	1.0	44	0.3	35
A704067	GQ7000N 5625E	375625	5667000	9.4	0.1	3.68	2.0	1	88	1.2	0.06	0.3	5	20	12	3.39	22	0.14	0.08	8	0.24	136	2	0.02	9	0.06	18	<.05	0.2	2.6	0.6	7	3.7	0.24	0.1	1.3	64	0.8	66
A704067	GQ7000N 5650E	375650	5667000	2.0	0.1	3.13	1.4	1	129	1.2	0.18	0.2	11	39	20	5.25	21	0.07	0.21	10	0.55	194	3	0.01	17	0.05	19	<.05	0.1	4.6	0.5	17	4.4	0.30	0.3	2.1	79	1.4	139
A704067	GQ7000N 5675E	375675	5667000	2.0	0.3	3.67	0.9	1	106	2.0	0.44	0.2	19	47	49	4.90	16	0.1	0.18	24	0.67	469	5	0.02	28	0.05	22	<.05	0.1	5.3	0.8	27	5.7	0.23	0.3	25.2	79	1.2	90
A704067	GQ7000N 5700E	375700	5667000	2.3	0.2	2.08	0.8	1	119	1.2	0.16	0.3	7	29	20	3.12	15	0.08	0.14	12	0.53	338	2	0.02	13	0.05	16	<.05	0.1	3.1	0.5	14	4.2	0.23	0.2	2.4	68	0.9	72
A704067	GQ7000N 5725E	375725	5667000	1.6	0.1	3.17	0.8	1	173	1.0	0.37	0.2	17	40	49	4.02	14	0.06	0.47	15	1.00	367	2	0.03	26	0.11	16	<.05	0.1	5.6	0.6	28	5.1	0.25	0.4	5.9	72	0.7	101
A704067	GQ7000N 5750E	375750	5667000	1.8	<.1	3.62	0.7	<1	187	0.7	0.27	0.1	19	53	44	4.05	12	0.03	0.47	22	0.95	253	1	0.02	37	0.06	13	<.05	<.1	6.5	0.7	22	7.3	0.24	0.3	4.9	73	0.9	113
A704067	GQ7000N 5775E	375775	5667000	2.4	0.3	6.61	1.9	1	128	2.1	0.46	0.3	26	36	40	4.21	17	0.09	0.17	19	0.42	364	2	0.07	38	0.07	21	0.09	0.1	5.3	0.9	68	4.8	0.16	0.2	10.5	55	2.3	145
A704067	GQ7000N 5800E	375800	5667000	1.8	0.2	2.62	1.0	<1	134	0.7	0.33	0.2	14	34	34	4.68	14	0.08	0.12	32	0.33	323	4	0.01	23	0.04	29	<.05	0.1	4.2	0.6	29	3.2	0.04	0.3	8.3	76	1.4	110
A704067	GQ7000N 5825E	375825	5667000	1.4	0.3	2.48	0.9	1	93	0.6	0.22	0.4	11	35	27	3.63	12	0.05	0.13	16	0.32	298	3	0.02	21	0.04	28	<.05	0.1	3.2	0.6	21	2.0	0.08	0.2	4.6	73	0.9	87
A704067	GQ7000N 5850E	375850	5667000	1.7	0.3	5.59	2.0	1	86	0.6	0.23	0.2	8	46	22	5.29	17	0.09	0.17	10	0.35	114	4	0.02	25	0.05	21	0.10	0.1	4.2	0.8	21	4.0	0.23	0.2	4.3	81	1.1	64
A704067	GQ7000N 5875E	375875	5667000	1.9	0.2	5.33	1.1	1	199	0.6	0.23	0.2	17	55	37	3.73	14	0.11	0.20	26	0.63	373	5	0.02	39	0.06	20	0.09	0.1	6.1	0.8	31	3.9	0.19	0.4	12.6	71	1.3	107
A704067	GQ7000N 5900E	375900	5667000	2.4	<.1	2.41	0.5	<1	130	0.3	0.21	0.1	17	50	25	3.33	9	0.03	0.34	17	0.72	255	2	0.02	28	0.02	10	<.05	<.1	5.0	0.6	21	4.8	0.19	0.3	4.6	66	0.5	60
A704067	GQ7000N 5925E	375925	5667000	1.7	0.3	3.41	<.5	1	135	0.4	0.88	0.2	14	53	39	3.29	13	0.07	0.27	25	0.64	421	6	0.03	33	0.08	18	0.24	0.1	5.3	1.0	53	2.2	0.16	0.3	12.2	82	0.6	89
A704067	GQ7000N 5950E	375950	5667000	2.1	0.3	3.41	0.5	<1	107	0.5	0.35	0.2	12	55	33	3.71	13	0.07	0.19	25	0.58	245	4	0.02	32	0.06	18	0.09	0.1	4.8	1.1	30	1.6	0.18	0.3	18.2	73	0.8	101
A704066	*GQ7000N 5975E	375975	5667000	1.0	0.2	2.04	<.5	1	72	0.5	0.61	0.2	8	35	19	2.43	15	0.1	0.19	13	0.40	452	5	0.02	16	0.04	16	0.08	0.1	3.5	0.8	36	2.3	0.20	0.2	3.8	60	0.6	94

GQ PROPERTY SOIL SAMPLES - 2007

Certificate	Sample Number	Easting NAD83	Northing NAD83	Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
A704067	GQ7000N 6000E	376000	5667000	1.2	0.3	2.21	1.4	1	134	0.5	0.52	0.3	9	32	23	2.98	15	0.07	0.12	13	0.37	488	5	0.02	20	0.04	21	0.07	0.1	2.8	0.6	34	2.3	0.19	0.2	3.6	61	0.5	83
A704067	GQ7000N 6025E	376025	5667000	1.4	0.1	2.12	1.3	1	98	0.5	0.85	0.2	5	28	16	2.55	13	0.1	0.11	10	0.27	102	4	0.02	15	0.05	20	0.10	0.1	2.7	0.7	47	1.7	0.19	0.2	6.4	60	0.8	70
A704067	GQ7000N 6050E	376050	5667000	0.6	0.1	1.52	1.4	1	130	0.6	0.28	0.2	10	31	25	3.53	14	0.06	0.14	13	0.34	219	4	0.01	20	0.04	15	<.05	0.2	3.0	0.5	24	2.7	0.18	0.2	1.4	80	0.8	66
A704067	GQ7000N 6075E	376075	5667000	2.1	0.2	2.39	0.8	1	90	0.4	0.50	0.4	10	37	21	2.29	14	0.1	0.14	20	0.41	382	3	0.02	22	0.08	17	0.10	0.1	3.5	0.9	39	1.3	0.14	0.2	4.7	49	0.4	63
A704067	GQ7000N 6100E	376100	5667000	4.8	0.1	0.86	0.5	1	69	1.2	0.15	0.1	4	15	16	1.80	8	0.05	0.09	13	0.11	75	3	0.01	8	0.04	11	<.05	0.1	1.5	<.5	18	2.1	0.10	0.1	1.1	47	0.3	31
A704067	GQ6950N 5850E	375850	5666950	1.0	0.2	2.33	0.5	1	72	0.3	0.34	0.1	5	23	17	1.01	11	0.09	0.11	13	0.27	53	2	0.02	13	0.06	12	0.11	<.1	1.9	0.6	24	0.5	0.10	0.1	6.3	23	0.3	45
A704067	GQ6950N 5875E	375875	5666950	2.2	0.2	2.66	1.2	1	52	0.3	0.65	0.3	11	22	21	3.01	14	0.09	0.08	20	0.20	642	3	0.02	10	0.05	14	0.12	0.1	2.8	1.1	37	1.2	0.15	0.2	10.4	45	0.3	53
A704067	GQ6950N 5900E	375900	5666950	2.8	<.1	3.66	2.4	1	72	0.3	0.25	0.2	7	22	15	2.55	12	0.06	0.09	11	0.23	89	2	0.02	11	0.03	13	0.07	0.1	3.4	0.7	17	2.9	0.20	0.1	6.5	38	0.4	42
A704067	GQ6950N 5925E	375925	5666950	2.2	0.5	2.94	0.6	2	88	0.4	0.97	0.2	11	41	26	2.99	12	0.08	0.19	21	0.51	526	3	0.02	20	0.07	14	0.14	0.1	4.8	1.5	57	1.3	0.14	0.3	19.9	58	0.5	95
A704067	GQ6950N 5950E	375950	5666950	2.5	0.2	1.40	1.0	2	55	0.5	0.34	0.1	5	16	16	2.45	16	0.06	0.07	14	0.14	93	2	0.02	8	0.03	18	0.11	0.1	1.7	0.5	22	1.7	0.19	0.1	2.2	48	0.3	44
A704067	GQ6950N 5975E	375975	5666950	0.9	0.2	3.61	1.7	1	200	0.5	0.47	0.2	24	67	45	4.73	15	0.06	0.43	20	0.88	401	3	0.02	45	0.04	15	<.05	0.1	6.2	0.7	38	3.8	0.22	0.4	11.8	77	0.6	116
A704067	GQ6950N 6000E	376000	5666950	0.6	0.2	1.31	1.4	1	90	0.5	0.33	0.3	12	25	22	3.42	13	0.08	0.09	17	0.21	445	3	0.02	11	0.04	17	0.06	0.1	2.1	0.5	25	1.8	0.13	0.1	3.0	54	0.4	61
A704067	GQ6950N 6025E	376025	5666950	<.5	0.1	2.60	1.3	<1	157	0.4	0.39	0.1	15	52	26	3.89	11	0.06	0.18	15	0.78	358	3	0.02	33	0.05	19	0.14	0.1	4.2	0.6	34	2.2	0.13	0.2	3.2	71	0.5	90
A704067	GQ6950N 6050E	376050	5666950	1.1	0.2	2.94	1.3	1	59	0.3	0.29	0.3	17	23	29	2.61	12	0.1	0.07	21	0.28	1748	6	0.02	12	0.10	24	0.11	0.1	1.6	0.6	24	0.3	0.06	0.2	5.0	44	0.2	48
A704067	GQ6950N 6075E	376075	5666950	<.5	0.1	1.36	0.8	1	68	0.3	0.06	0.3	5	23	16	2.32	12	0.05	0.11	16	0.23	243	2	0.01	9	0.03	11	0.07	0.1	2.1	0.5	8	1.7	0.13	0.1	1.5	44	0.2	47
A704067	GQ6950N 6100E	376100	5666950	1.0	<.1	2.47	0.9	<1	104	0.3	0.12	0.1	10	52	27	3.41	10	0.04	0.41	17	0.74	193	2	0.01	26	0.04	8	<.05	<.1	5.1	0.6	9	4.7	0.18	0.3	2.0	55	0.5	58
A704067	GQ6900N 5850E	375850	5666900	1.6	0.2	3.18	1.4	1	77	0.5	0.47	0.3	17	29	19	3.83	16	0.07	0.11	14	0.27	403	3	0.02	15	0.04	16	0.07	0.1	3.8	1.0	31	3.1	0.20	0.2	8.0	58	0.5	78
A704067	GQ6900N 5875E	375875	5666900	1.5	0.4	3.41	0.9	1	87	0.5	0.65	0.2	11	38	26	3.07	14	0.08	0.15	22	0.44	332	3	0.02	20	0.06	18	0.10	0.1	4.2	1.0	42	1.4	0.17	0.2	15.1	58	0.5	77
A704067	GQ6900N 5900E	375900	5666900	1.5	0.1	4.35	1.7	<1	97	0.5	0.29	0.2	10	40	20	3.88	14	0.07	0.13	14	0.37	129	2	0.01	20	0.03	19	0.08	0.1	4.1	0.8	28	3.0	0.21	0.2	8.6	60	0.6	65
A704067	GQ6900N 5925E	375925	5666900	1.0	0.1	2.03	0.7	1	126	0.4	0.45	0.1	14	44	27	3.41	10	0.03	0.43	16	0.66	382	2	0.02	23	0.04	10	0.07	<.1	5.4	0.6	32	3.7	0.19	0.3	5.6	59	0.5	73
A704067	GQ6900N 5950E	375950	5666900	1.2	0.1	4.33	1.8	<1	174	0.6	0.28	0.2	17	58	37	5.21	16	0.07	0.31	21	0.67	358	3	0.02	37	0.04	19	0.11	0.1	5.9	0.7	25	4.3	0.23	0.4	9.0	70	0.6	118
A704067	GQ6900N 5975E	375975	5666900	0.6	0.2	2.26	0.5	1	99	0.4	0.87	0.2	11	36	27	2.66	11	0.08	0.14	21	0.46	468	2	0.02	18	0.09	16	0.16	0.1	2.9	0.6	49	0.7	0.09	0.2	8.0	48	0.5	79
A704067	GQ6900N 6000E	376000	5666900	0.8	0.3	2.09	1.4	1	61	0.4	0.37	0.2	15	26	23	3.01	13	0.08	0.09	14	0.31	424	4	0.02	16	0.05	21	0.10	0.1	2.6	0.5	26	1.7	0.14	0.1	2.7	52	0.5	61
A704067	GQ6900N 6025E	376025	5666900	0.9	<.1	0.68	0.6	1	52	0.4	0.09	0.2	2	10	7	1.48	11	0.04	0.04	8	0.07	87	2	0.02	4	0.02	13	0.07	0.1	1.0	<.5	11	1.3	0.15	0.1	0.7	41	0.2	20
A704067	GQ6900N 6050E	376050	5666900	1.1	0.2	0.79	1.3	2	83	0.5	0.10	0.2	6	18	13	2.71	12	0.07	0.06	11	0.13	196	5	0.01	8	0.03	16	<.05	0.1	1.5	<.5	9	2.7	0.14	0.1	1.4	56	0.7	43
A704067	GQ6900N 6075E	376075	5666900	1.3	<.1	1.41	1.5	1	64	0.6	0.09	0.3	6	33	18	4.55	17	0.03	0.12	12	0.27	90	5	0.01	12	0.02	12	0.07	0.1	2.7	0.5	11	3.8	0.23	0.1	2.3	80	0.8	40
A704067	GQ6900N 6100E	376100	5666900	3.8	0.2	3.49	1.3	1	162	0.6	0.47	0.2	20	64	32	3.89	11	0.07	0.40	22	0.83	678	8	0.03	40	0.11	13	0.10	0.1	5.5	1.3	41	1.9	0.14	0.4	18.8	65	1.3	101
A704067	GQ6850N 5850E	375850	5666850	2.0	0.3	5.23	2.0	1	131	0.5	0.41	0.2	11	45	28	3.22	14	0.15	0.14	15	0.39	124	3	0.02	29	0.04	19	0.08	0.1	5.2	1.0	44	3.1	0.20	0.2	10.5	57	0.7	94
A704067	GQ6850N 5875E	375875	5666850	1.8	0.2	4.00	1.4	1	107	0.5	0.36	0.2	14	49	31	4.01	13	0.08	0.19	18	0.57	425	3	0.02	26	0.05	18	0.09	0.1	5.1	1.0	31	2.3	0.19	0.3	14.2	65	0.6	88
A704066	GQ6850N 5900E*	375900	5666850	1.9	0.1	2.73	1.2	1	111	0.6	0.22	0.2	10	36	28	3.75	16	0.1	0.13	23	0.37	311	5	0.02	18	0.05	17	0.10	0.1	3.5	0.7	20	1.5	0.16	0.2	11.2	65	0.7	86
A704067	GQ6850N 5925E	375925	5666850	<.5	0.2	1.91	1.7	1	73	0.6	0.20	0.4	5	29	17	3.51	17	0.11	0.10	13	0.21	96	5	0.01	13	0.03	19	0.07	0.1	2.5	0.5	21	3.3	0.18	0.1	3.1	64	0.7	54
A704067	GQ6850N 5950E	375950	5666850	2.9	<.1	2.33	1.2	1	91	0.4	0.24	0.2	15	45	22	3.40	11	0.06	0.21	18	0.57	435	4	0.02	18	0.06	12	0.12	0.1	4.2	1.3	20	2.0	0.14	0.3	8.7	59	0.8	63
A704067	GQ6850N 5975E	375975	5666850	3.8	0.2	2.77	1.0	1	60	0.5	0.22	0.2	6	23	25	2.70	14	0.06	0.12	19	0.23	137	4	0.02	10	0.05	14	0.07	0.1	3.1	0.9	20	1.5	0.15	0.2	8.9	45	1.3	34
A704067	GQ6850N 6000E	376000	5666850	1.8	0.3	2.89	1.5	1	86	0.5	0.10	0.3	8	32	22	3.75	14	0.11	0.17	13	0.31	226	3	0.02	12	0.05	16	0.10	0.1	3.6	0.8	13	2.6	0.18	0.2	6.3	53	0.9	51
A704067	GQ6850N 6025E	376025	5666850	4.1	0.5	3.29	0.8	1	106	0.5	0.28	0.3	13	38	35	3.04	11	0.11	0.13	56	0.44	321	6	0.02	15	0.10	14	0.13	0.1	4.3	1.0	25	1.0	0.10	0.2	24.9	51	1.4	76
A704067	GQ6850N 6050E	376050	5666850	2.6	0.3	3.21	1.9	1	95	0.5	0.56	0.3	9	27	34	4.23	18	0.12	0.10	33	0.19	501	5	0.02	11	0.06	20	0.08	0.1	4.1	0.8	48	1.7	0.19	0.2	17.9	53	1.0	52
A704067	GQ6850N 6075E	376075	5666850	1.2	0.4	3.33	1.4	2	93	0.5	0.47	0.5	16	22	28	2.74	17	0.12	0.09	38	0.25	2739	9	0.03	10	0.07	27	0.12	0.1	3.5	0.7	39	1.3	0.14	0.5	13.2	47	3.4	53
A704067	GQ6850N 6100E	376100	5666850	3.0	0.2	2.94	2.9	2	116	0.3	0.09	0.3	8	24	17	3.25	12	0.16	0.12	6	0.27	327	2	0.02	10	0.06	16	0.08	0.2	2.9	0.7	14	1.9	0.16	0.2	1.3	47	0.6	67
A704067	GQ6800N 5850E	375850	5666800	1.4	<.1	4.58	1.8	1	117	0.7	0.11	0.2	8	36	27	4.31	18	0.07	0.14	9	0.36	121	4	0.02	22	0.03	17	0.08	0.1	4.0	0.6	17	3.9	0.20	0.2	3.0	66	1.1	61
A704067	GQ6800N 5875E	375875	5666800	1.7	<.1	2.82	1.0	1	63	0.6	0.27	0.1	5	20	20	2.50	16	0.05	0.08	18	0.15	52	4	0.02	11	0.03	18	0.07	0.1	3.2	0.6	24	1.9	0.18	0.1	10.2	33	1.1	29
A704067	GQ6800N 5900E	375900	5666800	3.2	0.2	3.47	<.5	1	181	0.8	0.54	0.2	10	56	30	2.75	17	0.04	0.40	25	0.83	229	4	0.03	37	0.05	16	0.08	0.1	6.1	<.5	52	2.4	0.21	0.3	10.2	56	1.0	99
A704067	GQ6800N 5925E	375925	5666800	0.5	<.1	1.21	2.0	1	47	0.7	0.04	0.2	4	17	20	2.61	16	0.03	0.10	6	0.21	118	4	0.02	11	0.02	13	<.05	0.2	1.7	<.5	6	1.6	0.18	0.1	0.8	52	0.5	33
A704067	GQ6800N 5950E	375950	5666800	1.6	<.1	1.09	1.2	1	102	0.9	0.23	0.2	5	23	24	3.02	15	0.04	0.13	14	0.20	117	10	0.01	11	0.03	11	0.06	0.1	2.1	<.5	23	4.2	0.19	0.1	1.4	85	0.5	43
A704067	GQ6800N 5975E	375975	5666800	0.7	0.2	1.26	1.6	1	114	0.7	0.19	0.2	8	24	18	3.25	17	0.06	0.12	9	0.24	715	5	0.02	11	0.04	14	0.06	0.2	2.0	<.5	18	2.2	0.17	0.1	1.3	72	0.4	57
A704067	GQ6800N 6000E	376000	5666800	3.2	<.1	4.35	1.1	1	182	0.6	0.18	0.1	15	65	45	4.84	15	0.06	0.63	17	1.19	337	2	0.02	38	0.05	8	<.05	<.1	7.5	0.5	21	5.3	0.24	0.5	1.9	90	0.7	132
A704067	GQ6800N 6025E	376025	5666800	<.5	0.2	1.29	1.6	2	69	0.7	0.12	0.2	5	21	18	2.71	15	0.08	0.14	10	0.23	330	2	0.02	11	0.04	14	0.06	0.2	1.9	<.5	12	2.5	0.17	0.2	1.0	64	0.5	41
A704067	GQ6800N 6050E	376050	5666800	6.9	0.2	1.20	1.8	1	49	0.6	0.10	0.3	4	21	20	3.00	15	0.09	0.10	10	0.18	231	2	0.02	10	0.05	13	<.05	0.1	1.5	<.5	11	1.8	0.16	0.1	1.4	62	0.5	33
A704067	GQ6800N 6075E	376075	5666800	2.2	0.3	2.28	1.9	2	81	0.6	0.11	0.4	7	33	32	3.69	14	0.1	0.19	14	0.36	250	2	0.02	16	0.07	11	0.08	0.1	2.9	0.7	11	1.7	0.15	0.2	1.9	64	0.6	52
A704067	GQ6800N 6100E	376100	5666800	1.2	0.2	0.89	1.4	2	53	0.7	0.12	0.1	3	18	15	1.76	11	0.07	0.09	10	0.14	230	2	0.02	9	0.05	13	<.05	0.1	1.2	<.5	10	0.8	0.12	0.1	1.4	59	0.4	27
A704067	GQ6750N 5850E	375850	5666750	1.2	0.2	1.71	1.4	1	39	0.4	0.06	0.3	3	13	11	2.18	12	0.08	0.06	9	0.09	49	2	0.02	5	0.02	12	<.05	0.1	1.6	0.6	9	1.4	0.10	0.1	1.9	28	0.5	18
A704067	GQ6750N 5875E	375875	5666750	0.5	0.1	3.16	1.2	1	104	0.5	0.06	0.1	6	31	18	2.56	15	0.06	0.21	12	0.46	104	2	0.02	19	0.03	12	<.05	<.1	3.2	0.6	10	1.8	0.15	0.2	2.1	44	0.6	43
A704067	GQ6750N 5900E	375900	5666750	1.3	0.2	4.08	1.7	1	140	0.6	0.08	0.2	10	54	30	4.73	17	0.06	0.29	9	0.64	175	3	0.01	32	0.03	14	<.05	0.1	5.3	0.5	12	3.4	0.19	0.3	2.0	78	1.0	77
A704067	GQ6750N 5925E	375925	5666750	3.3	0.3	4.22	2.1	2	215	0.7	0.68	0.3	25	70	59	4.61	15	0.07	0.52	30	0.86	2644	3	0.02	51	0.07	17	0.08	0.2	8.2	0.7	85	2.8	0.19	0.5	15.9	85	0.8	120
A704067	GQ6750N 5950E	375950	5666750	2.2	0.3	4.27	1.3	1	225	0.6	0.45	0.3	18	71	52	4.29	15	0.04	0.69	20	0.94	652	2	0.03	46	0.04	13	<.05	0.1	8.3	0.5	71	3.4	0.22	0.4	10.3	84	0.8	114
A704067	GQ6750N 5975E	375975	5666750	2.1	0.1	4.29	1.9	1	199	0.7	0.33	0.1	17	78	52	5.71	19	0.05	0.73	18	1.04	500	2	0.02	48	0.03	14	<.05	<.1	8.5	<.5	53	3.8	0.27	0.5	9.7	105	0.8	106
A704067	GQ6750N 6000E	376000	5666750	0.9	0.1	2.08	1.7	1	64	0.3	0.06	0.4	7	19	16	2.60	13	0.11	0.12	6	0.19	585	2	0.02	9	0.04	10	<.05	0.1	1.8	<.5	10	1.2	0.13	0.1	1.0	42	0.4	44
A704067	GQ6750N 6025E	376025	5666750	1.3	0.4	2.19	1.4	2	57	0.3	0.12	0.2	5	24	13	2.64	11	0.16	0.08	4	0.13	764	1	0.02	7	0.06	7	0.07	0.1	1.7	0.5	9	0.8	0.10	0.1	0.9	44	0.2	39
A704067	GQ6750N 6050E	376050	5666750	2.8	0.3	3.99	2.7	1	83	0.3	0.17	0.4	5	33	20	4.51	16	0.24	0.13	6	0.21	349	2	0.02	9	0.07	11	0.09	0.1	3.2	0.9	14	1.5	0.17	0.2	1.4	48	0.4	42
A704067	GQ6750N 6075E	376075	5666750	0.9	0.1	1.27	1.8	1	36	0.6	0.06	0.3	3	15	12	2.46	15	0.08	0.09	7	0.13	264	2	0.02	6	0.05	14	<.05	0.2	1.3	<.5	7	1.3	0.15	0.1	0.9	61	0.4	32
A704067	GQ6750N 6100E	376100	5666750	1.4	0.4	4.41	1.9	1	119	0.7	0.08	0.4	21	61	62	5.49	16	0.11	0.51	11	0.77	575	2	0.01	44	0.05	16	<.05	0.1	6.1	0.7	14	3.3	0.20	0.4	4.4	84	0.6	130
A704067	GQ6700N 5850E	375850	5666700	0.9	<.1	0.53	1.2	1	17	0.3	0.02	0.1	1	8	5	1.23	10	0.04	0.05	10	0.06	52	1	0.01	3	0.02	10	<.05	0.2	0.6	<.5	3	2.8	0.09	0.1	0.4	40	0.1	17
A704067	GQ6700N 5875E	375875	5666700	2.1	<.1	3.09	1.7	1	82	0.3	0.05	0.1	9	42	16	4.36	13	0.06	0.32	9	0.53	239	1	0.01	16	0.03	10	<.05	0.1	4.7	<.5	5	3.9	0.18	0.3	1.1	65	0.4	74
A704067	GQ6700N 5900E	375900	5666700	0.8	<.1	1.60	2.7	1	74	0.5	0.13	0.4	7	34	18	4.82	20	0.08	0.12	14	0.30	135	2	0.01	15	0.04	11	<.05	0.2	2.5	0.5	17	3.3	0.22	0.1	1.4	97	1.2	61
A704067	GQ6700N 5925E	375925	5666700	1.4	<.1	0.96	1.1	1	49	0.4	0.07	0.1	5	19	11	2.28	11	0.04	0.10	15	0.20	187	2	0.01	9	0.02	10	<.05	0.1	1.6	<.5	8	3.1	0.13	0.1	1.0	56	0.4	37
A704067	GQ6700N 5950E	375950	5666700	<.5	<.1	0.25	0.7	1	35	0.2	0.08	0.1	2	9	6	1.06	5	0.03	0.04	6	0.04	111	1	0.02	4	0.01	5	<.05	0.1	0.6	<.5	8	0.9	0.07	<.1	0.3	42	0.1	21
A704067	GQ6700N 5975E	375975	5666700	4.5	0.1	2.76	1.8	1	87	1.4	0.15	0.4	7	27	17	3.75	18	0.09	0.12	10	0.31	144	2	0.02	14	0.04	13	<.05	0.1	2.8	0.6	15	2.0	0.16	0.1	1.4	54	3.8	57
A704067	GQ6700N 6000E	376000	5666700	0.8	0.1	2.98	1.7	1	170	0.5	0.09	0.2	13	51	29	4.32	20	0.08	0.41	9	0.66	252	2	0.02	28	0.03	13	<.05	0.1	4.8	0.5	14	2.9	0.24	0.3	1.9	94	0.8	74
A704066	GQ6700N 6025E*	376025	5666700	0.9	0.1	2.12	2.2	1	81	0.6	0.05	0.2	7	40	19	5.09	25	0.1	0.20	9	0.39	199	2	0.01	17	0.03	16	0.06	0.1	3.3	0.5	10	3.0	0.27	0.2	1.4	103	0.8	84

GQ PROPERTY SOIL SAMPLES - 2007

Certificate	Sample Number	Easting NAD83	Northing NAD83	Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
A704067	GQ6700N 6050E	376050	5666700	0.9	0.1	2.10	1.3	1	99	0.5	0.07	0.2	8	43	18	3.72	18	0.08	0.21	8	0.36	235	2	0.01	15	0.03	11	0.07	0.1	3.5	<.5	10	2.9	0.25	0.2	0.8	89	0.4	59
A704067	GQ6700N 6075E	376075	5666700	2.8	0.4	3.96	0.8	<1	143	0.7	0.30	0.1	17	88	54	4.74	15	0.05	0.68	24	1.03	424	2	0.02	53	0.04	11	<.05	<.1	8.4	0.9	54	3.2	0.26	0.5	15.0	95	0.7	97
A704067	GQ6700N 6100E	376100	5666700	0.5	0.1	2.01	0.9	1	129	0.4	0.04	0.2	6	30	17	3.20	16	0.09	0.36	6	0.41	662	2	0.02	13	0.02	12	<.05	0.1	3.7	<.5	8	2.0	0.25	0.2	0.9	78	0.1	72
A704067	GQ6650N 5125E	375125	5666650	1.2	<.1	2.05	<.5	17	126	0.1	0.93	0.2	10	11	26	2.47	6	0.01	0.24	32	13.20	2722	1	0.02	13	0.10	21	<.05	<.1	3.2	<.5	22	3.7	0.07	0.7	2.9	24	0.6	210
A704067	GQ6650N 5150E	375150	5666650	4.8	0.4	2.10	2.3	13	401	0.7	0.95	0.5	73	41	89	9.61	5	0.08	0.47	116	12.03	6709	2	0.02	63	0.24	34	<.05	<.1	17.3	0.8	35	16.4	0.05	1.0	20.2	84	1.4	195
A704067	GQ6650N 5175E	375175	5666650	1.5	0.2	3.42	1.3	2	166	0.5	0.30	0.4	16	48	36	3.77	13	0.11	0.23	38	1.26	1723	2	0.03	29	0.08	13	0.08	0.1	4.4	0.7	30	2.1	0.12	0.4	10.8	63	0.5	139
A704067	GQ6650N 5200E	375200	5666650	1.3	<.1	3.19	2.0	3	82	0.5	0.17	0.3	8	47	23	5.01	22	0.1	0.20	18	0.60	192	5	0.02	17	0.04	14	0.06	0.1	4.3	0.5	16	7.7	0.32	0.2	1.9	72	0.5	65
A704067	GQ6650N 5225E	375225	5666650	1.3	0.3	2.97	2.2	3	114	0.8	0.18	0.4	11	54	24	5.72	16	0.12	0.18	24	0.72	324	5	0.02	40	0.06	21	<.05	0.2	3.4	0.7	22	4.0	0.17	0.2	3.3	75	0.6	93
A704067	GQ6650N 5250E	375250	5666650	0.7	<.1	2.32	1.4	3	111	0.6	0.08	0.3	8	53	22	4.35	13	0.06	0.18	15	0.76	150	3	0.01	33	0.02	12	<.05	0.1	3.5	<.5	15	5.9	0.18	0.2	1.0	68	0.7	56
A704067	GQ6650N 5275E	375275	5666650	1.7	0.2	2.78	2.5	<1	81	0.9	0.06	0.2	6	33	16	3.64	14	0.1	0.15	13	0.44	136	2	0.01	12	0.04	12	0.06	0.1	3.3	0.7	8	3.1	0.17	0.2	1.2	52	0.4	52
A704067	GQ6650N 5300E	375300	5666650	2.9	0.1	3.16	2.5	1	67	0.9	0.33	0.2	9	34	24	4.89	18	0.13	0.13	19	0.51	196	4	0.02	17	0.04	15	0.07	0.1	4.0	0.7	22	3.9	0.20	0.2	6.7	64	0.5	77
A704067	GQ6650N 5325E	375325	5666650	3.0	<.1	4.79	2.2	<1	115	0.9	0.13	0.1	15	58	39	3.84	12	0.07	0.33	16	0.78	255	2	0.02	32	0.05	16	0.06	0.1	5.2	0.6	12	4.7	0.16	0.3	2.5	54	1.3	64
A704067	GQ6650N 5350E	375350	5666650	1.5	0.1	6.24	2.5	1	59	0.6	0.44	0.3	8	20	24	2.38	10	0.13	0.07	23	0.26	442	2	0.02	12	0.07	17	0.06	0.1	3.6	0.9	23	2.4	0.14	0.2	12.0	33	1.7	54
A704067	GQ6650N 5375E	375375	5666650	2.2	<.1	1.91	2.1	<1	53	1.7	0.07	0.1	4	18	15	2.96	13	0.06	0.08	17	0.23	67	3	0.01	8	0.03	13	0.08	<.1	1.8	0.7	10	1.3	0.10	0.1	2.3	39	1.5	24
A704067	GQ6650N 5400E	375400	5666650	9.8	<.1	1.38	1.6	<1	73	0.8	0.13	0.1	6	23	18	2.64	11	0.04	0.18	16	0.50	219	3	0.01	13	0.04	9	0.08	0.1	2.2	0.5	13	1.9	0.11	0.1	1.8	40	0.7	46
A704067	GQ6650N 5425E	375425	5666650	<.5	<.1	2.41	1.3	<1	43	0.3	0.05	0.1	4	27	12	3.03	10	0.05	0.14	11	0.34	85	1	0.01	9	0.03	9	<.05	0.1	3.2	0.5	4	4.3	0.13	0.1	0.8	39	0.6	30
A704067	GQ6650N 5850E	375850	5666650	2.0	0.2	3.47	1.3	1	82	0.4	0.07	0.2	10	41	20	3.83	11	0.12	0.25	6	0.46	237	1	0.01	16	0.05	17	<.05	0.1	5.0	0.6	8	2.3	0.16	0.3	1.2	58	0.4	84
A704067	GQ6650N 5875E	375875	5666650	1.1	<.1	2.42	4.5	1	96	0.3	0.10	0.2	8	34	19	4.11	14	0.13	0.30	7	0.49	377	1	0.01	14	0.04	18	<.05	0.2	4.3	0.5	7	2.6	0.19	0.2	1.0	63	0.4	85
A704067	GQ6650N 5900E	375900	5666650	2.2	<.1	2.33	2.0	1	69	0.4	0.06	0.2	5	23	11	3.08	17	0.1	0.07	8	0.20	205	1	0.01	9	0.04	16	<.05	0.2	2.4	0.5	6	2.6	0.19	0.1	0.8	61	0.4	45
A704067	GQ6650N 5925E	375925	5666650	0.9	<.1	1.39	1.4	1	71	0.5	0.05	0.2	5	31	17	3.76	17	0.06	0.16	9	0.36	214	2	0.01	12	0.04	14	<.05	0.1	3.1	0.5	7	2.6	0.23	0.1	1.0	82	0.6	51
A704067	GQ6650N 5950E	375950	5666650	1.3	<.1	1.66	0.5	<1	97	0.3	0.10	<.1	10	31	23	2.28	7	0.02	0.37	12	0.49	182	1	0.02	18	0.04	7	<.05	<.1	4.2	0.5	7	3.3	0.14	0.2	1.6	43	0.6	43
A704067	GQ6650N 5975E	375975	5666650	3.0	0.2	2.64	1.3	1	42	0.3	0.04	0.2	4	15	9	1.97	10	0.11	0.04	5	0.08	185	1	0.01	4	0.04	11	0.07	0.1	1.7	0.5	4	1.4	0.12	0.1	0.7	38	0.3	26
A704067	GQ6650N 6000E	376000	5666650	0.8	<.1	0.91	1.1	1	37	0.4	0.03	0.1	5	20	10	2.98	15	0.05	0.06	8	0.21	145	1	0.02	9	0.02	12	<.05	0.1	1.3	<.5	5	2.2	0.20	0.1	0.5	85	0.3	33
A704067	GQ6650N 6025E	376025	5666650	1.1	<.1	0.67	1.0	<1	55	0.5	0.03	0.1	3	16	9	2.19	13	0.02	0.07	9	0.14	99	1	0.01	8	0.02	11	<.05	0.1	1.3	<.5	5	2.4	0.19	0.1	0.5	68	0.3	34
A704067	GQ6650N 6050E	376050	5666650	<.5	<.1	0.70	0.7	<1	52	0.3	0.06	0.1	3	14	12	1.92	10	0.05	0.06	8	0.13	114	1	0.02	7	0.02	12	<.05	0.1	1.1	<.5	6	1.8	0.15	0.1	0.5	45	0.2	25
A704067	GQ6650N 6075E	376075	5666650	1.4	0.1	2.86	1.4	<1	167	0.4	0.15	0.2	17	65	40	4.39	15	0.08	0.51	13	0.96	402	1	0.02	35	0.04	13	0.06	<.1	7.4	0.5	16	3.2	0.26	0.4	3.7	84	0.8	90
A704066	GQ6650N 6100E*	376100	5666650	2.9	0.2	3.63	2.0	<1	145	0.3	0.07	0.3	10	52	33	6.44	19	0.1	0.43	7	0.66	211	2	0.02	19	0.03	10	0.07	0.1	6.3	0.7	8	2.4	0.31	0.4	1.1	101	0.6	91
A704067	GQ6550N 5125E	375125	5666550	1.0	0.1	2.21	1.8	1	50	0.4	0.02	0.3	4	28	18	3.22	16	0.11	0.06	10	0.11	204	2	0.02	10	0.05	19	<.05	0.2	1.6	0.8	5	1.0	0.11	0.1	1.6	51	0.3	35
A704067	GQ6550N 5150E	375150	5666550	1.0	0.4	4.59	2.2	1	141	0.3	0.22	0.5	11	71	28	5.14	17	0.14	0.17	12	0.50	276	3	0.02	24	0.06	18	0.11	0.1	4.4	1.0	21	2.4	0.19	0.2	2.2	56	0.8	82
A704067	GQ6550N 5175E	375175	5666550	1.3	<.1	3.06	0.6	<1	233	0.5	0.31	0.4	15	64	31	3.84	19	0.03	0.44	26	1.07	305	6	0.02	36	0.04	20	<.05	0.1	5.6	0.7	28	3.2	0.28	0.4	4.3	69	0.5	110
A704067	GQ6550N 5200E	375200	5666550	<.5	<.1	2.60	1.1	<1	170	0.6	0.20	0.3	13	51	32	4.39	15	0.03	0.41	15	1.70	287	2	0.02	34	0.03	12	<.05	<.1	4.8	0.5	20	5.7	0.24	0.3	1.0	61	0.8	78
A704067	GQ6550N 5225E	375225	5666550	1.8	0.1	5.62	1.7	<1	116	1.1	0.07	0.4	13	67	33	5.14	13	0.11	0.15	18	0.74	141	2	0.01	45	0.05	21	<.05	0.1	6.1	1.1	13	7.3	0.20	0.2	4.1	63	0.9	58
A704067	GQ6550N 5250E	375250	5666550	0.9	<.1	1.83	1.1	<1	45	0.5	0.09	0.1	5	21	12	3.58	18	0.03	0.40	9	0.95	141	7	0.02	7	0.03	14	<.05	0.1	3.5	0.5	8	2.2	0.27	0.1	1.3	74	0.2	32
A704067	GQ6550N 5275E	375275	5666550	1.2	0.1	1.85	1.0	<1	51	0.6	0.39	0.1	3	15	10	2.50	15	0.05	0.05	16	0.18	56	2	0.02	7	0.03	12	0.07	0.1	1.7	0.7	25	1.3	0.12	0.1	2.2	37	0.4	23
A704067	GQ6550N 5300E	375300	5666550	4.1	<.1	2.79	2.3	<1	61	0.8	0.05	0.1	4	27	14	4.68	20	0.07	0.12	14	0.32	108	2	0.01	9	0.02	13	<.05	0.1	3.0	0.7	7	4.7	0.19	0.1	0.9	70	0.9	41
A704067	GQ6550N 5325E	375325	5666550	3.7	<.1	3.30	2.3	1	63	1.2	0.06	0.2	3	18	18	3.70	19	0.07	0.06	15	0.14	69	3	0.01	6	0.03	14	<.05	0.1	2.3	0.8	7	2.2	0.16	0.1	2.0	47	1.3	28
A704067	GQ6550N 5350E	375350	5666550	1.9	<.1	3.92	2.3	<1	170	1.3	0.28	0.1	12	34	39	4.49	17	0.08	0.40	21	1.07	195	2	0.02	33	0.05	20	0.06	<.1	4.0	0.6	23	2.8	0.16	0.3	2.5	49	1.4	92
A704067	GQ6550N 5375E	375375	5666550	3.9	0.2	2.98	2.0	<1	51	0.6	0.08	0.3	6	17	14	2.82	13	0.09	0.07	11	0.21	358	2	0.01	7	0.05	12	0.06	0.1	2.2	0.7	9	1.8	0.10	0.1	1.6	32	0.9	28
A704067	GQ6550N 5400E	375400	5666550	2.3	0.2	1.84	1.3	<1	40	0.4	0.08	0.2	5	13	11	1.90	10	0.08	0.06	11	0.13	174	1	0.02	5	0.04	10	<.05	0.1	1.4	0.6	9	0.9	0.09	0.1	1.5	25	0.5	21
A704067	GQ6550N 5425E	375425	5666550	1.7	<.1	1.95	0.7	<1	70	0.4	0.13	0.1	7	23	15	1.88	6	0.02	0.27	10	0.42	146	1	0.01	13	0.04	6	<.05	<.1	3.1	<.5	8	2.9	0.11	0.2	0.9	29	0.6	44
A704067	GQ6450N 5125E	375125	5666450	2.0	0.6	4.29	1.2	1	145	0.9	0.39	0.3	35	63	66	4.74	16	0.1	0.26	48	0.64	612	4	0.02	71	0.05	26	0.08	0.1	5.7	0.9	40	2.7	0.18	0.3	9.6	62	0.4	106
A704067	GQ6450N 5150E	375150	5666450	2.3	0.1	2.90	1.7	<1	150	0.7	0.68	0.3	13	51	41	5.49	19	0.04	0.39	19	0.83	170	5	0.02	30	0.04	16	<.05	0.1	4.9	0.6	31	2.6	0.28	0.3	4.2	81	0.6	84
A704067	GQ6450N 5175E	375175	5666450	2.5	0.1	3.08	1.8	1	52	0.8	0.08	0.4	7	51	18	3.50	10	0.12	0.07	26	0.39	107	2	0.01	21	0.03	16	<.05	0.1	3.4	0.7	10	4.6	0.15	0.1	11.4	44	0.6	66
A704067	GQ6450N 5200E	375200	5666450	2.2	<.1	2.91	2.3	<1	86	2.5	0.07	0.3	5	34	18	6.05	26	0.07	0.13	15	0.40	87	3	0.01	12	0.03	21	0.07	0.1	3.3	0.9	13	4.8	0.30	0.1	1.7	81	0.4	46
A704067	GQ6450N 5225E	375225	5666450	2.0	<.1	2.01	2.2	<1	90	0.8	0.15	0.3	7	30	19	5.19	21	0.06	0.13	15	0.37	127	4	0.01	13	0.03	13	0.07	0.1	3.0	0.8	18	2.9	0.23	0.1	2.0	64	0.7	47
A704067	GQ6450N 5250E	375250	5666450	2.1	0.2	2.56	2.0	1	95	0.8	0.25	0.3	10	30	49	3.15	11	0.04	0.18	28	0.58	193	2	0.01	21	0.04	14	<.05	0.1	3.7	0.5	21	4.1	0.12	0.2	4.5	39	0.5	83
A704067	GQ6450N 5275E	375275	5666450	2.8	0.1	2.92	2.2	1	40	0.6	0.07	0.4	4	25	20	3.84	17	0.09	0.05	20	0.13	70	3	0.02	7	0.04	16	0.06	0.1	2.5	0.8	8	3.5	0.19	0.1	3.0	53	0.6	25
A704067	GQ6450N 5300E	375300	5666450	3.3	0.1	2.91	2.9	1	68	0.7	0.19	0.4	5	23	20	4.23	21	0.07	0.08	11	0.21	128	4	0.01	9	0.04	13	0.07	0.1	2.4	0.8	19	2.9	0.14	0.1	1.8	51	0.7	41
A704067	GQ6450N 5325E	375325	5666450	3.7	<.1	3.41	1.7	1	58	0.5	0.05	0.3	8	31	15	3.85	12	0.11	0.10	13	0.31	1115	2	0.01	10	0.04	15	<.05	0.1	2.9	0.9	7	4.0	0.11	0.2	1.2	38	0.6	46
A704067	GQ6450N 5350E	375350	5666450	12.4	0.2	2.69	1.5	1	50	0.9	0.03	0.1	6	18	11	2.23	9	0.07	0.08	15	0.24	377	1	0.01	8	0.03	10	<.05	0.1	2.3	0.6	5	4.2	0.10	0.1	1.1	32	1.0	38
A704067	GQ6450N 5375E	375375	5666450	2.0	<.1	2.14	1.8	1	58	1.0	0.06	0.3	5	20	16	3.34	16	0.07	0.12	19	0.34	130	2	0.01	10	0.03	12	<.05	0.1	2.2	0.7	7	3.5	0.13	0.1	1.7	41	1.0	39
A704067	GQ6450N 5400E	375400	5666450	1.3	<.1	3.40	1.0	<1	112	0.6	0.08	0.3	8	27	20	3.23	10	0.06	0.24	17	0.47	134	1	0.02	18	0.04	9	0.07	<.1	3.9	0.6	7	4.9	0.13	0.2	1.0	42	0.7	52
A704067	GQ6450N 5425E	375425	5666450	3.2	0.1	3.95	3.4	<1	68	1.1	0.07	0.2	6	37	12	5.39	18	0.09	0.08	17	0.70	150	4	0.01	15	0.04	23	0.07	0.1	3.5	1.0	10	7.0	0.10	0.1	5.1	57	1.3	62
A704067	GQ5850N 5025E	375025	5665850	1.5	0.1	2.86	1.0	<1	54	0.5	0.07	0.3	9	27	19	2.83	12	0.09	0.07	14	0.28	506	2	0.02	10	0.04	15	0.07	0.1	2.4	0.7	9	2.2	0.12	0.1	2.0	43	0.3	50
A704067	GQ5850N 5050E	375050	5665850	2.1	<.1	5.19	1.6	<1	52	0.4	0.04	0.2	4	29	10	3.12	13	0.09	0.09	11	0.53	70	1	0.02	9	0.03	8	0.06	0.1	3.2	0.6	5	6.0	0.17	0.1	1.1	39	0.2	38
A704067	GQ5850N 5075E	375075	5665850	1.1	<.1	2.01	1.2	1	94	0.9	0.22	0.1	7	46	18	4.04	16	0.03	0.26	19	0.72	154	4	0.01	18	0.03	9	<.05	0.1	3.9	0.5	19	4.4	0.16	0.2	2.1	56	0.5	58
A704067	GQ5850N 5100E	375100	5665850	1.4	<.1	3.56	0.7	<1	99	4.8	0.28	<.1	14	44	43	3.36	12	0.01	0.46	27	1.07	264	3	0.02	31	0.04	13	<.05	<.1	5.5	0.6	75	10.9	0.14	0.3	8.4	51	0.4	56
A704067	GQ5850N 5125E	375125	5665850	1.1	<.1	2.33	0.6	<1	121	2.0	0.12	<.1	11	45	25	2.94	10	0.01	0.48	24	0.83	242	2	0.02	24	0.02	14	<.05	<.1	4.7	<.5	21	10.6	0.15	0.3	2.8	40	0.3	56
A704067	GQ5850N 5150E	375150	5665850	0.9	0.2	2.72	1.5	<1	55	1.1	0.28	0.2	20	26	23	3.41	14	0.07	0.09	23	0.35	1687	10	0.02	16	0.06	26	0.10	0.1	2.4	0.7	30	2.0	0.11	0.2	7.4	43	0.4	75
A704066	GQ5850N 5175E*	375175	5665850	7.2	0.1	3.14	1.3	1	54	1.2	0.34	0.2	15	43	30	3.37	12	0.1	0.29	19	0.47	242	3	0.03	32	0.04	11	#DIV/0!	0.1	4.5	0.9	47	6.4	0.18	0.2	7.2	44	0.4	47
A704067	GQ5850N 5200E	375200	5665850	0.8	<.1	1.72	1.4	1	25	0.3	0.02	0.1	5	37	24	4.00	10	0.04	0.13	6	0.22	220	5	0.01	7	0.03	8	<.05	0.1	2.3	0.7	4	1.1	0.13	0.2	0.9	57	0.1	29
A704067	GQ5850N 5225E	375225	5665850	4.4	0.1	4.61	1.8	1	58	0.5	0.15	0.4	10	30	22	4.20	14	0.12	0.03	11	0.21	190	3	0.02	25	0.07	11	0.11	0.1	3.2	1.2	28	4.2	0.09	0.1	1.1	43	0.4	44
A704067	GQ5850N 5250E	375250	5665850	1.7	0.2	6.87	1.6	1	69	0.6	0.27	0.2	10	37	26	3.15	9	0.1	0.14	22	0.48	149	3	0.01	20	0.08	13	0.12	0.1	4.8	1.0	27	4.9	0.10	0.2	5.3	33	0.7	46
A704067	GQ5850N 5275E	375275	5665850	2.1	0.3	3.60	1.1	1	53	0.8	0.18	0.2	8	39	29	4.02	16	0.1	0.15	13	0.56	181	5	0.02	20	0.07	11	0.11	0.1	4.4	0.9	23	3.8	0.17	0.2	2.1	65	0.3	45
A704067	GQ5850N 5300E	375300	5665850	2.8	0.3	7.01	1.5	2	54	0.5	0.96	0.4	12	25	41	2.75	9	0.13	0.09	47	0.31	805	3	0.04	17	0.16	12	0.15	0.1	4.6	1.7	74	2.4	0.14	0.2	53.3	32	0.1	60
A704067	GQ5850N 5325E	375325	5665850	4.1	0.3	4.64	1.8	1	46	1.2	1.01	0.2	13	36	45	3.45	14	0.12	0.09	56	0.57	699	13	0.07	20	0.10	14	0.13	0.1	4.8	1.5	89	2.2	0.10	0.3	108.5	54	0.4	82
A704067	GQ5850N 5350E	375350	5665850	4.2	<.1	4.52	1.4	<1	68	0.5	0.06	0.3	6	27	25	2.88	11	0.09	0.16	15	0.56	125	3	0.02	14	0.03	9	0.08	<.1	4.2	1.0	8	4.2	0.16	0.2	4.8	36	0.7	46
A704067	GQ5850N 5375E	375375	5665850	3.1	0.1	4.23	2.3	1	140	1.3	0.24	0.3	16	44	63	4.43	16	0.08	0.37	31	0.71	322	4	0.02	38	0.05	22	0.06	0.1	5.2	1.0	20	3.7	0.17	0.4	11.2	56	1.2	134

GQ PROPERTY SOIL SAMPLES - 2007

Certificate	Sample Number	Easting NAD83	Northing NAD83	Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
A704067	GQ5850N 5400E	375400	5665850	1.2	<.1	2.90	1.7	1	51	0.6	0.07	0.3	4	22	16	2.89	12	0.1	0.10	10	0.27	100	2	0.01	9	0.04	14	0.07	0.1	2.6	0.8	7	4.1	0.12	0.2	1.2	41	1.1	38
A704067	GQ5850N 5425E	375425	5665850	1.9	0.1	2.57	1.4	1	64	0.6	0.13	0.2	8	31	19	3.06	13	0.04	0.22	18	0.53	469	3	0.02	14	0.03	14	<.05	0.1	3.4	0.6	12	4.2	0.17	0.2	2.6	49	0.7	58
A704067	GQ5750N 5025E	375025	5665750	1.3	<.1	1.94	1.3	<1	48	0.7	0.03	0.3	3	20	9	2.61	14	0.05	0.11	16	0.27	63	2	0.01	7	0.02	11	<.05	0.1	2.3	0.6	6	4.9	0.16	0.1	1.4	38	0.3	27
A704067	GQ5750N 5050E	375050	5665750	0.9	0.1	3.20	1.5	<1	53	1.3	0.10	0.2	5	23	24	2.86	14	0.07	0.10	16	0.28	87	2	0.02	10	0.05	16	0.09	0.1	2.3	0.8	11	2.4	0.09	0.1	3.0	30	0.2	34
A704067	GQ5750N 5100E	375075	5665750	0.8	<.1	0.29	<.5	1	18	0.3	0.03	0.1	1	6	5	0.89	8	0.02	0.04	15	0.04	33	1	0.02	2	0.01	8	<.05	0.1	0.7	<.5	7	4.9	0.12	<.1	0.5	35	0.1	14
A704067	GQ5750N 5125E	375100	5665750	1.0	<.1	0.63	0.5	1	26	0.8	0.04	0.1	1	12	8	0.92	11	0.03	0.05	5	0.09	115	2	0.02	2	0.02	17	<.05	0.2	1.0	<.5	7	1.1	0.15	0.1	0.4	37	0.1	21
A704067	GQ5750N 5150E	375125	5665750	2.4	0.1	2.77	1.6	<1	59	1.7	0.65	0.2	6	20	19	3.69	15	0.05	0.06	22	0.22	275	3	0.02	14	0.05	20	0.09	0.1	2.3	0.7	55	3.1	0.14	0.1	12.5	41	0.3	59
A704067	GQ5750N 5175E	375150	5665750	9.7	<.1	2.56	0.8	<1	82	2.1	0.05	0.3	5	50	20	5.22	21	0.07	0.25	13	0.49	172	3	0.01	14	0.03	12	0.09	0.1	4.1	0.6	9	6.7	0.24	0.2	1.1	74	0.1	53
A704067	GQ5750N 5200E	375175	5665750	28.7	<.1	0.74	0.6	1	24	1.2	0.04	0.1	1	11	8	1.67	14	0.03	0.03	6	0.05	60	2	0.02	3	0.02	11	<.05	0.2	0.8	<.5	8	1.9	0.14	0.1	0.4	43	0.2	20
A704067	GQ5750N 5225E	375200	5665750	0.9	<.1	0.26	1.2	1	14	0.4	0.04	0.1	1	7	6	0.81	7	0.02	0.03	7	0.06	63	1	0.02	3	0.01	10	<.05	0.2	0.6	<.5	7	0.9	0.08	0.1	0.3	30	0.2	14
A704067	GQ5750N 5250E	375225	5665750	6.6	0.2	5.91	2.0	<1	59	1.1	0.13	0.2	6	38	21	3.86	15	0.18	0.09	12	0.40	109	2	0.02	17	0.05	11	0.10	0.1	4.3	1.1	17	5.4	0.16	0.1	1.5	45	0.4	47
A704067	GQ5750N 5275E	375250	5665750	2.5	0.5	5.15	1.7	1	51	0.6	0.25	0.3	9	30	25	3.71	14	0.2	0.09	20	0.24	393	4	0.02	14	0.06	14	0.12	0.2	4.1	1.2	26	2.4	0.14	0.2	7.1	46	0.2	48
A704067	GQ5750N 5300E	375275	5665750	3.6	0.1	7.89	1.4	1	49	1.2	0.96	0.3	15	60	35	4.42	15	0.09	0.10	30	1.18	295	4	0.08	26	0.06	11	0.12	<.1	8.2	1.4	86	5.3	0.21	0.1	32.2	75	0.3	57
A704067	GQ5750N 5325E	375300	5665750	2.6	0.1	3.53	2.1	1	56	0.4	0.10	0.6	2	18	15	3.35	22	0.13	0.03	10	0.09	57	3	0.01	4	0.04	14	0.13	0.1	2.0	0.9	12	2.9	0.16	0.1	1.3	41	0.3	17
A704067	GQ5750N 5350E	375325	5665750	3.8	0.1	4.47	2.5	2	48	0.6	0.66	0.4	68	23	88	5.25	19	0.14	0.06	10	0.40	1505	10	0.03	32	0.07	14	0.12	0.2	3.0	1.2	39	2.8	0.17	0.1	3.8	65	0.9	65
A704067	GQ5750N 5375E	375350	5665750	2.5	0.1	0.93	2.0	1	111	0.5	0.49	0.3	3	10	12	2.62	17	0.07	0.07	6	0.13	228	3	0.02	5	0.03	13	<.05	0.1	1.0	<.5	26	0.9	0.16	0.1	0.6	41	0.3	31
A704067	GQ5750N 5400E	375375	5665750	1.4	<.1	1.88	1.8	1	115	0.8	0.11	0.3	5	20	10	4.04	23	0.04	0.10	9	0.77	396	2	0.02	8	0.03	14	<.05	0.1	1.7	0.5	10	3.3	0.24	0.2	1.5	52	3.8	55
A704067	GQ5750N 5425E	375400	5665750	5.9	0.3	2.69	2.4	1	40	0.4	0.22	0.2	5	10	15	2.48	15	0.12	0.04	21	0.09	126	4	0.02	6	0.04	16	0.08	0.2	1.7	0.7	17	1.9	0.15	0.1	3.2	32	0.6	32
A704067	SCB 9+62.5	375979	5666859	2.6	0.2	2.65	1.2	1	69	0.6	0.27	0.2	9	23	33	2.97	14	0.09	0.18	24	0.33	260	4	0.02	12	0.06	18	0.07	0.1	3.2	1.0	25	1.0	0.13	0.2	10.6	42	1.4	37
A704067	SCB 9+87.5	375967	5666878	<.5	0.2	3.20	1.8	1	100	0.5	0.45	0.2	11	34	37	3.76	16	0.07	0.19	14	0.50	540	4	0.02	24	0.04	18	0.06	0.1	3.1	0.8	29	1.4	0.15	0.3	4.5	56	0.5	75
A704067	SCB 10+12.5	375947	5666888	3.0	0.3	3.82	2.0	1	110	0.6	0.12	0.1	14	40	36	4.31	17	0.08	0.16	22	0.48	313	5	0.01	28	0.03	18	<.05	0.1	4.1	0.7	15	3.0	0.19	0.3	12.4	67	0.7	97
VAN07001338	GQN1 00+00	377571	5670469	0.8	<0.1	2.21	0.5	<1	107	0.2	0.11	<0.1	9	40	26	2.98	10	0.04	0.46	16	0.77	180	2	0.02	27	0.03	7	<0.05	<0.1	4.4	<0.5	10	4.1	0.20	0.2	1.7	49	0.5	54
VAN07001338	GQN1 00+50	377590	5670403	1.3	<0.1	5.30	0.9	<1	91	0.2	0.21	0.1	8	42	34	2.61	12	0.08	0.32	17	0.76	193	2	0.02	21	0.06	9	<0.05	<0.1	5.7	0.9	16	3.5	0.20	0.2	3.3	52	0.4	55
VAN07001338	GQN1 01+00	377606	5670365	2.6	<0.1	2.86	0.7	<1	96	0.3	0.12	0.1	9	43	29	3.40	15	0.07	0.34	16	0.78	176	2	0.02	26	0.04	9	<0.05	<0.1	5.0	0.6	11	3.5	0.22	0.2	1.9	61	0.4	52
VAN07001338	GQN1 01+50	377635	5670301	0.7	<0.1	6.40	0.7	<1	177	0.2	0.21	<0.1	17	62	33	3.92	12	0.09	0.87	15	1.26	340	1	0.02	34	0.06	9	<0.05	<0.1	8.7	0.9	18	4.8	0.25	0.4	2.6	69	0.5	75
VAN07001338	GQN1 02+00	377671	5670269	1.0	<0.1	2.78	0.7	<1	107	0.2	0.14	0.1	11	42	28	3.41	12	0.05	0.48	14	0.89	257	1	0.02	24	0.05	7	<0.05	<0.1	5.8	0.6	11	3.7	0.22	0.3	1.7	55	0.5	55
VAN07001338	GQN1 02+50	377697	5670236	0.9	<0.1	2.73	<0.5	<1	114	0.2	0.27	<0.1	15	55	34	4.21	11	0.03	0.56	13	1.15	257	2	0.02	35	0.04	7	<0.05	<0.1	6.5	0.5	20	3.4	0.23	0.2	1.7	70	0.3	64
VAN07001338	GQN1 03+00	377731	5670196	0.9	0.1	3.82	0.9	<1	123	0.3	0.48	0.2	15	50	43	3.95	12	0.04	0.39	16	0.94	269	1	0.02	40	0.05	6	<0.05	<0.1	6.2	0.7	31	3.2	0.22	0.2	2.9	61	0.4	102
VAN07001338	GQN1 03+50	377764	5670158	0.8	<0.1	2.70	0.5	<1	151	0.2	0.09	<0.1	11	56	23	3.99	15	0.01	0.78	14	1.10	244	3	0.02	29	0.02	7	<0.05	<0.1	6.7	0.5	9	4.2	0.28	0.3	1.4	75	0.4	63
VAN07001338	GQN1 04+00	377805	5670130	0.6	<0.1	5.15	1.0	<1	184	0.3	0.39	0.2	15	56	41	3.98	14	0.05	0.45	17	0.95	333	4	0.02	44	0.10	9	<0.05	<0.1	7.5	0.9	35	4.4	0.22	0.3	3.0	68	0.9	132
VAN07001338	GQN1 04+50	377839	5670087	1.4	<0.1	4.45	0.6	<1	144	0.2	0.22	0.1	23	55	39	4.20	10	0.03	0.70	13	0.98	2310	3	0.02	35	0.05	8	<0.05	<0.1	7.4	0.9	22	4.9	0.24	0.3	2.2	68	0.6	69
VAN07001338	GQN1 05+00	377880	5670056	<0.5	<0.1	3.29	1.1	<1	105	0.2	0.32	<0.1	15	57	35	4.48	16	0.04	0.42	13	1.07	219	4	0.01	39	0.04	9	<0.05	<0.1	5.5	<0.5	29	2.6	0.28	0.3	2.2	72	0.5	85
VAN07001338	GQN1 05+50	377878	5670028	2.3	<0.1	3.20	<0.5	<1	206	0.2	0.14	<0.1	16	69	48	4.60	12	<0.01	1.23	10	1.52	248	4	0.02	38	0.04	7	<0.05	<0.1	7.5	<0.5	9	3.7	0.36	0.5	1.0	96	0.6	85
VAN07001338	GQN1 06+00	377830	5670043	0.5	<0.1	3.66	0.6	<1	211	0.2	0.17	<0.1	22	70	42	4.29	12	0.02	1.26	9	1.60	311	3	0.03	43	0.04	6	<0.05	<0.1	7.8	<0.5	11	3.6	0.38	0.5	0.8	96	0.5	89
VAN07001338	GQN1 06+50	377782	5670057	1.5	<0.1	2.39	0.6	<1	184	0.2	0.23	0.1	20	57	39	3.77	10	<0.01	0.95	11	1.27	377	2	0.02	37	0.06	6	<0.05	<0.1	6.0	<0.5	15	3.3	0.29	0.4	1.0	75	0.5	74
VAN07001338	GQN1 07+00	377732	5670068	0.9	<0.1	3.21	0.6	<1	150	0.1	0.13	<0.1	14	59	36	3.54	10	0.01	0.75	12	1.21	264	1	0.02	33	0.03	7	<0.05	<0.1	6.5	<0.5	10	4.9	0.29	0.4	1.4	72	0.5	66
VAN07001338	GQN1 07+50	377682	5670071	<0.5	<0.1	3.05	0.9	<1	119	0.3	0.24	<0.1	15	47	36	3.86	13	0.04	0.54	13	1.01	377	3	0.02	25	0.04	8	<0.05	<0.1	5.3	0.9	19	2.6	0.23	0.3	2.4	62	0.4	62
VAN07001338	GQN1 08+00	377637	5670104	0.6	<0.1	4.67	0.6	<1	204	0.2	0.28	<0.1	27	66	56	4.67	13	0.03	0.88	12	1.48	597	1	0.02	48	0.04	8	<0.05	<0.1	7.8	<0.5	19	4.4	0.35	0.5	1.8	89	0.5	97
VAN07001338	GQN1 08+50	377595	5670133	2.1	<0.1	5.19	1.1	<1	113	0.2	0.28	<0.1	16	51	39	3.64	11	0.07	0.44	13	0.96	344	1	0.02	28	0.07	9	<0.05	<0.1	6.1	0.6	18	3.7	0.22	0.3	1.8	64	0.6	63
VAN07001338	GQN1 09+00	377548	5670148	0.8	<0.1	3.58	1.1	<1	139	0.2	0.35	0.2	16	61	38	4.74	17	0.04	0.61	15	1.23	323	2	0.02	32	0.07	8	<0.05	<0.1	6.4	<0.5	21	2.8	0.26	0.4	2.5	82	0.4	75
VAN07001338	GQN1 09+50	377509	5670201	0.5	0.2	3.94	1.3	<1	119	0.2	0.16	0.2	11	47	34	3.69	12	0.1	0.53	11	0.97	272	1	0.02	24	0.05	8	<0.05	<0.1	5.4	<0.5	12	2.8	0.23	0.4	1.3	65	0.7	63
VAN07001338	GQN1 10+00	377461	5670210	<0.5	<0.1	2.22	0.7	<1	88	0.1	0.15	<0.1	11	43	29	3.25	10	0.02	0.40	14	0.86	225	2	0.01	22	0.05	5	<0.05	<0.1	4.6	<0.5	9	3.8	0.19	0.2	1.3	57	0.6	52
VAN07001338	GQN1 10+50	377412	5670217	1.5	0.3	6.70	1.2	3	101	0.6	1.67	0.2	26	26	46	5.69	16	0.03	0.26	17	0.46	349	3	0.18	48	0.10	25	<0.05	<0.1	4.1	0.9	259	3.6	0.10	0.2	3.9	48	1.0	46
VAN07001338	GQN1 11+00	377366	5670243	0.9	<0.1	2.36	0.9	<1	123	0.1	0.14	<0.1	12	44	29	2.99	9	0.02	0.58	13	0.99	235	1	0.02	27	0.01	5	<0.05	<0.1	5.3	<0.5	9	4.7	0.22	0.3	1.1	57	0.5	51
VAN07001338	GQN1 11+50	377317	5670245	0.7	0.1	3.21	1.2	<1	138	0.2	0.37	0.1	18	59	43	4.38	13	0.03	0.52	15	1.23	353	2	0.02	39	0.03	8	<0.05	<0.1	6.8	0.6	24	3.3	0.29	0.3	7.0	75	0.6	84
VAN07001338	GQN1 12+00	377266	5670240	<0.5	<0.1	3.49	1.7	<1	134	0.3	0.65	0.1	18	50	37	4.64	13	0.04	0.44	19	1.07	385	3	0.02	33	0.04	10	<0.05	<0.1	6.1	0.9	37	3.2	0.25	0.3	19.6	68	0.5	132
VAN07001338	GQN1 12+50	377216	5670236	<0.5	<0.1	3.07	0.8	<1	150	0.2	0.32	0.1	16	63	40	3.74	12	0.02	0.56	14	1.12	280	3	0.02	39	0.04	8	<0.05	<0.1	6.1	<0.5	21	3.7	0.25	0.3	5.2	66	0.5	93
VAN07001338	GQN1 13+00	377166	5670230	0.6	<0.1	1.85	0.9	<1	75	0.1	0.24	<0.1	10	27	19	2.44	7	0.02	0.31	10	0.67	412	3	0.01	18	0.02	4	<0.05	<0.1	3.3	<0.5	14	2.1	0.14	0.2	4.2	39	0.4	55
VAN07001338	GQN1 13+50	377116	5670224	1.0	<0.1	3.01	1.1	<1	165	0.2	0.14	<0.1	16	114	33	4.20	12	0.01	0.92	9	1.36	290	2	0.02	38	0.01	8	<0.05	<0.1	8.1	<0.5	9	3.5	0.32	0.5	2.5	83	0.5	87
VAN07001338	GQN1 14+00	377068	5670214	<0.5	<0.1	3.20	0.5	<1	256	0.2	0.20	<0.1	15	65	37	4.34	13	0.02	0.96	11	1.32	541	3	0.02	31	0.02	6	<0.05	<0.1	7.6	0.6	16	3.6	0.33	0.5	2.2	82	0.7	87
VAN07001338	GQN1 14+50	377022	5670195	1.5	<0.1	3.31	1.1	2	173	0.2	0.16	<0.1	16	43	42	3.95	13	0.03	0.66	15	1.33	316	2	0.02	30	0.04	10	<0.05	<0.1	6.1	<0.5	10	4.9	0.27	0.4	1.2	61	0.7	69
VAN07001338	GQN1 15+00	376968	5670199	<0.5	<0.1	4.42	<0.5	<1	206	0.1	0.31	<0.1	17	53	43	3.61	12	0.03	0.86	13	1.49	281	1	0.04	36	0.06	6	<0.05	<0.1	7.1	<0.5	26	5.4	0.31	0.5	0.8	69	0.8	81
VAN07001338	GQN1 15+50	376916	5670199	<0.5	0.1	3.53	0.6	<1	184	0.1	0.23	<0.1	9	46	25	3.88	13	0.04	0.83	12	1.55	279	2	0.02	16	0.04	7	<0.05	<0.1	7.1	<0.5	16	4.1	0.28	0.4	0.9	64	0.5	70
VAN07001338	GQN1 16+00	376859	5670192	0.7	<0.1	5.43	1.1	<1	152	0.1	0.08	0.1	17	65	43	5.40	14	0.07	0.82	11	1.35	487	3	0.02	26	0.04	14	<0.05	<0.1	8.8	0.7	6	3.6	0.27	0.5	2.5	85	0.3	119
VAN07001338	GQN1 16+50	376817	5670177	<0.5	0.1	4.08	1.7	<1	128	0.2	0.47	0.3	12	43	43	5.02	16	0.07	0.46	21	1.00	416	3	0.02	21	0.03	12	<0.05	<0.1	6.6	0.9	19	2.9	0.23	0.3	5.6	67	0.4	91
VAN07001338	GQN1 17+00	376772	5670158	<0.5	0.1	2.76	1.4	<1	116	0.2	0.15	0.2	9	40	25	5.06	15	0.04	0.39	11	0.71	230	3	0.01	13	0.03	10	<0.05	<0.1	5.8	<0.5	8	2.3	0.27	0.2	0.9	70	0.2	80
VAN07001338	GQN1 17+50	376732	5670126	<0.5	0.1	3.02	1.3	<1	173	0.2	0.22	<0.1	7	50	26	5.83	14	0.03	0.83	8	0.95	192	4	0.02	11	0.03	9	0.06	<0.1	7.2	<0.5	10	2.3	0.32	0.4	0.6	83	0.3	84
VAN07001338	GQN1 18+00	376692	5670098	1.1	0.2	3.35	1.2	<1	140	0.1	0.04	0.2	11	49	38	5.10	13	0.06	0.74	13	0.97	223	2	0.01	22	0.03	10	<0.05	<0.1	7.1	<0.5	4	3.3	0.26	0.4	1.0	77	0.3	88
VAN07001338	GQN1 18+50	376647	5670076	0.6	0.3	4.02	1.3	<1	121	0.1	0.04	0.1	12	55	40	5.20	14	0.07	0.67	11	1.10	203	2	0.01	21	0.03	9	<0.05	<0.1	6.9	0.5	4	2.6	0.29	0.4	1.0	92	0.2	92
VAN07001338	GQN1 19+00	376595	5670061	<0.5	0.2	2.87	1.2	<1	83	0.1	0.06	0.1	12	39	26	5.06	11	0.08	0.33	11	0.61	545	2	0.01	21	0.06	10	<0.05	<0.1	6.2	<0.5	4	2.6	0.13	0.2	0.8	68	0.2	86
VAN07001338	GQN1 19+50	376554	5670032	<0.5	0.2	3.34	1.4	<1	97	0.1	0.05	0.1	9	38	25	4.15	11	0.07	0.44	12	0.79	254	2	0.01	18	0.03	8	<0.05	<0.1	6.1	<0.5	4	3.2	0.21	0.3	1.0	62	0.3	77
VAN07001338	GQN1 20+00	376545	5669982	1.2	0.1	3.31	0.9	<1	115	<0.1	0.10	0.1	12	38	25	3.48	10	0.07	0.55	12	0.91	198	1	0.02	24	0.04	6	<0.05	<0.1	6.8	0.6	6	4.1	0.23	0.3	0.8	58	0.5	71
VAN07001338	GQN2 00+00	376864	5670602	0.7	<0.1	3.55	1.0	<1	184	0.2	0.29	0.1	20	78	36	4.44	14	0.04	0.82	13	1.21	396	1	0.03	52	0.06	9	<0.05	<0.1	6.8	<0.5	26	3.5	0.29	0.4	1.3	76	0.4	79
VAN07001338	GQN2 00+50	376818	5670579	1.5	0.1	4.87	1.7	<1	239	0.2	0.36	0.1	30	80	81	5.15	15	0.05	0.88	16	1.37	566	2	0.03	94	0.07	12	<0.05	<0.1	8.4	0.8	29	4.6	0.31	0.5	1.9	82	0.9	106
VAN07001338	GQN2 01+00	376774	5670553	1.4	0.1	5.53	1.5	1	131	0.2	0.70	0.1	23	49	45	4.99	16	0.06	0.39	15	1.14	589	2	0.02	33	0.08	11	<0.05	<0.1	6.4	<0.5	44	4.1	0.24	0.3	1.8	71	0.5	123
VAN07001338	GQN2 01+50	376730	5670530	1.3	0.2	7.25	1.9	1	88	0.1	0.68	0.2	35	37	48	3.10	9	0.12	0.29	18	0.85	718	1	0.02	32	0.11	13	<0.05	<0.1	6.2	1.5	30	2.3	0.12	0.3	6.7	40	0.4	64
VAN07001338	GQN2 02+00	376688	5670507	0.9	0.1	4.83	2.0	<1	73	0.2	0.60	0.1	11	24	22	3.07	11	0.09	0.14	13	0.29	267	2	0.02	10	0.05	9	<0.05	<0.1	3.7	1.0	26	1.7	0.15	0.2	7.7	35	0.4	40
VAN07001338	GQN2 02+50	376641	5670484	0.5	0.1	2.47	1.5	<1	77	0.3	0.19	0.2	8	30	30	3.65	11	0.08	0.23	9	0.42	562	4	0.01	11	0.04	14	0.06	0.1	3.6	0.8	11	1.6	0.19	0.2	4.2	57	0.7	60

GQ PROPERTY SOIL SAMPLES - 2007

Certificate	Sample Number	Easting NAD83	Northing NAD83	Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VAN07001338	GQN2 03+00	376595	5670462	<0.5	<0.1	2.44	1.4	<1	69	0.2	0.03	0.1	7	24	23	2.89	13	0.05	0.15	12	0.25	224	2	0.01	9	0.03	12	<0.05	0.1	3.3	<0.5	4	2.2	0.17	0.2	1.7	65	0.3	78
VAN07001338	GQN2 03+50	376547	5670437	0.8	<0.1	2.74	0.9	<1	122	0.2	0.06	<0.1	8	46	39	5.32	11	0.05	0.57	9	0.78	197	5	0.01	13	0.04	14	<0.05	<0.1	6.7	0.8	4	2.8	0.28	0.3	0.9	65	0.7	65
VAN07001338	GQN2 04+00	376503	5670414	<0.5	0.1	2.03	1.1	<1	57	0.2	0.11	0.2	6	26	26	3.61	11	0.04	0.17	8	0.32	125	5	0.01	8	0.03	9	0.05	<0.1	3.3	0.5	8	2.1	0.19	0.2	0.9	62	0.4	39
VAN07001338	GQN2 04+50	376457	5670395	0.8	<0.1	4.45	1.7	1	67	0.2	0.07	0.3	7	27	19	3.92	14	0.12	0.11	8	0.25	303	2	0.01	8	0.04	11	<0.05	<0.1	3.8	0.9	7	2.2	0.19	0.2	1.0	49	0.5	36
VAN07001338	GQN2 05+00	376408	5670376	<0.5	0.5	3.61	1.5	<1	34	0.2	0.08	0.2	3	15	11	1.99	11	0.14	0.04	7	0.13	130	1	0.01	6	0.04	8	<0.05	<0.1	1.9	0.8	6	1.2	0.12	0.1	1.2	28	0.3	24
VAN07001338	GQN2 05+50	376358	5670343	1.6	0.2	3.20	1.3	1	77	0.2	0.14	0.1	18	36	39	3.54	13	0.08	0.19	15	0.57	475	2	0.01	21	0.05	17	<0.05	<0.1	4.4	0.8	11	2.2	0.16	0.2	2.8	48	0.4	59
VAN07001338	GQN2 06+00	376320	5670328	<0.5	0.1	3.28	0.9	<1	117	0.1	0.10	<0.1	14	48	33	3.25	12	0.07	0.38	16	0.90	284	1	0.01	26	0.03	8	<0.05	<0.1	4.9	0.7	8	3.0	0.22	0.3	1.4	59	0.5	71
VAN07001338	GQN2 06+50	376291	5670284	0.6	0.1	3.93	1.1	<1	121	0.2	0.11	0.2	17	49	45	3.78	12	0.07	0.38	16	0.83	338	2	0.01	28	0.04	10	<0.05	<0.1	5.2	1.0	9	2.5	0.20	0.3	1.7	58	0.5	72
VAN07001338	GQN2 07+00	376250	5670256	<0.5	<0.1	3.98	1.0	<1	130	0.2	0.12	<0.1	14	53	43	4.32	14	0.06	0.57	14	1.05	224	3	0.02	35	0.03	11	<0.05	<0.1	7.1	1.0	9	3.6	0.28	0.4	1.4	68	0.5	115
VAN07001338	GQN2 07+50	376232	5670211	<0.5	<0.1	3.07	1.0	<1	102	0.2	0.20	<0.1	14	42	46	3.39	10	0.04	0.29	16	0.86	311	2	0.01	33	0.04	8	<0.05	<0.1	5.3	0.7	12	3.0	0.20	0.3	2.1	52	0.3	130
VAN07001338	GQN2 08+00	376187	5670198	<0.5	<0.1	3.61	1.8	<1	57	0.2	0.31	0.1	7	25	24	2.57	13	0.07	0.08	19	0.60	110	2	0.01	13	0.03	13	<0.05	0.1	3.0	0.8	18	3.5	0.18	0.1	2.5	50	0.5	43
VAN07001338	GQN2 08+50	376142	5670183	<0.5	<0.1	4.48	1.5	1	85	0.3	0.84	0.2	23	47	40	4.04	11	0.05	0.27	19	0.93	826	1	0.04	49	0.06	11	0.06	<0.1	5.6	1.1	50	4.7	0.20	0.3	3.8	56	0.5	116
VAN07001338	GQN2 09+00	376096	5670208	0.6	<0.1	4.03	2.2	<1	72	0.3	0.06	0.2	10	38	23	4.70	18	0.11	0.11	11	0.48	221	2	0.01	19	0.04	12	<0.05	0.1	4.2	0.7	6	4.4	0.24	0.1	1.1	72	0.4	89
VAN07001338	GQN2 09+50	376049	5670219	<0.5	<0.1	2.88	0.6	<1	148	<0.1	0.03	<0.1	12	50	31	4.21	12	0.03	0.86	14	1.21	212	2	0.02	26	0.01	5	<0.05	<0.1	7.8	<0.5	3	5.2	0.34	0.5	0.8	69	0.2	89
VAN07001338	GQN2 10+00	375999	5670231	<0.5	<0.1	1.72	<0.5	<1	103	0.1	0.07	<0.1	13	33	36	2.88	8	<0.01	0.47	15	0.75	228	2	0.01	25	0.02	9	<0.05	<0.1	4.8	<0.5	4	7.1	0.17	0.2	1.3	43	0.2	65
VAN07001338	GQN2 10+50	375953	5670229	<0.5	<0.1	3.78	0.7	<1	213	0.2	0.20	<0.1	19	62	79	4.32	12	0.02	0.64	19	1.38	347	1	0.02	75	0.02	12	<0.05	<0.1	7.6	<0.5	12	6.4	0.28	0.4	1.2	74	0.3	204
VAN07001338	GQN2 11+00	375904	5670227	1.0	0.3	4.45	1.6	<1	208	0.3	0.57	0.3	41	66	107	5.87	16	0.07	0.45	25	1.13	649	2	0.02	97	0.05	22	<0.05	<0.1	8.5	1.0	38	4.8	0.24	0.5	3.0	89	0.3	250
VAN07001338	GQN2 11+50	375851	5670219	<0.5	0.2	4.45	1.8	1	70	0.2	1.06	0.3	14	42	51	3.93	12	0.1	0.15	32	0.66	383	1	0.03	31	0.07	12	0.08	0.1	5.7	1.5	51	2.8	0.21	0.2	4.5	63	0.2	108
VAN07001338	GQN2 12+00	375803	5670208	<0.5	0.1	5.20	1.6	2	67	0.2	1.29	0.2	19	47	50	4.46	16	0.08	0.17	36	0.77	473	1	0.02	34	0.07	14	0.08	<0.1	5.8	1.4	62	2.9	0.19	0.2	6.1	56	0.2	74
VAN07001338	GQN2 12+25	375778	5670203	6.1	0.2	>10	3.7	2	83	0.2	1.15	0.2	38	50	59	3.88	12	0.09	0.21	49	0.85	836	2	0.08	73	0.12	13	0.06	<0.1	8.9	1.6	84	6.0	0.15	0.3	9.6	53	0.3	106
VAN07001338	GQN2 12+50	375752	5670193	4.0	<0.1	>10	3.2	<1	208	0.4	0.13	0.2	22	74	71	6.20	22	0.1	0.50	19	1.30	527	3	0.02	65	0.04	18	<0.05	0.1	7.8	0.8	14	5.9	0.35	0.4	1.6	109	0.5	145
VAN07001338	GQN2 13+00	375706	5670178	<0.5	<0.1	4.36	0.6	<1	182	<0.1	0.69	0.1	29	44	37	3.25	14	0.03	0.57	21	1.54	577	1	0.02	52	0.03	9	<0.05	<0.1	7.5	0.5	36	4.9	0.24	0.4	2.4	53	0.7	102
VAN07001338	GQN2 13+50	375655	5670166	<0.5	<0.1	4.69	0.8	<1	188	0.1	0.51	0.1	17	52	42	3.73	15	0.04	0.71	25	1.65	326	1	0.07	34	0.06	10	<0.05	<0.1	6.9	0.7	22	9.5	0.34	0.4	2.0	65	0.6	104
VAN07001338	GQN2 14+00	375609	5670145	<0.5	<0.1	3.80	1.3	<1	177	0.3	0.33	<0.1	19	67	39	5.80	19	0.06	0.62	24	1.12	512	4	0.02	24	0.03	11	<0.05	<0.1	7.7	0.9	16	5.8	0.38	0.4	3.2	100	0.3	102
VAN07001338	GQN2 14+50	375568	5670116	<0.5	<0.1	3.22	0.9	<1	163	0.1	0.28	<0.1	13	53	30	3.96	13	0.05	0.62	21	1.21	232	2	0.02	29	0.03	10	<0.05	<0.1	6.7	0.6	13	6.3	0.31	0.3	1.6	65	0.6	85
VAN07001338	GQN2 15+00	375526	5670087	<0.5	<0.1	4.18	1.6	<1	107	0.2	0.22	0.2	12	43	21	4.41	15	0.08	0.27	16	0.79	194	3	0.01	16	0.03	9	<0.05	<0.1	5.0	0.9	14	5.0	0.24	0.2	1.7	60	1.2	86
VAN07001338	GQN2 15+50	375483	5670055	<0.5	<0.1	3.22	1.3	<1	69	0.3	0.12	0.3	6	27	12	3.08	12	0.1	0.11	13	0.38	109	2	0.01	9	0.03	9	<0.05	<0.1	3.1	<0.5	9	4.9	0.17	<0.1	0.9	42	2.6	36
VAN07001338	GQN2 16+00	375494	5670034	<0.5	<0.1	2.68	0.8	<1	188	0.7	0.17	<0.1	10	48	31	3.62	14	0.05	0.57	18	0.93	186	3	0.02	18	0.02	8	<0.05	<0.1	5.2	0.6	10	6.2	0.29	0.3	1.5	67	0.9	64
VAN07001338	GQN2 16+50	375541	5670055	0.8	<0.1	2.91	0.8	<1	127	0.4	0.28	0.1	17	42	35	3.09	11	0.03	0.37	19	1.01	248	2	0.02	39	0.03	7	<0.05	<0.1	5.2	0.6	14	5.4	0.21	0.3	2.4	51	0.8	69
VAN07001338	GQN2 17+00	375586	5670070	<0.5	<0.1	3.35	0.7	<1	160	<0.1	0.05	<0.1	8	49	22	3.95	15	0.04	0.87	10	1.33	208	2	0.02	16	0.01	5	<0.05	<0.1	8.0	<0.5	5	3.1	0.37	0.5	0.7	60	0.4	101
VAN07001338	GQN2 17+50	375634	5670085	<0.5	<0.1	4.02	0.7	<1	351	0.2	0.10	<0.1	13	87	46	5.67	16	0.05	1.10	11	1.56	248	4	0.03	27	0.02	7	<0.05	<0.1	10.3	0.7	8	4.8	0.48	0.6	1.1	115	0.4	115
VAN07001338	GQN2 18+00	375681	5670105	<0.5	<0.1	6.34	1.3	<1	99	0.1	0.45	0.2	11	26	27	2.41	15	0.11	0.24	24	0.73	300	1	0.03	15	0.10	7	0.07	<0.1	3.9	1.1	18	5.8	0.17	0.2	2.5	36	0.6	48
VAN07001338	GQN2 18+50	375728	5670120	<0.5	0.2	>10	1.5	<1	129	0.2	0.42	0.2	16	60	44	4.13	18	0.15	0.36	28	1.09	428	1	0.02	41	0.08	14	0.07	<0.1	5.9	1.1	32	3.8	0.22	0.3	3.3	65	0.4	71
VAN07001338	GQN2 19+00	375780	5670120	<0.5	0.7	>10	1.3	1	99	0.2	0.54	0.1	27	54	62	4.67	12	0.2	0.30	50	0.84	448	4	0.02	35	0.09	11	0.09	<0.1	9.3	2.2	22	7.2	0.17	0.3	14.8	57	0.4	86
VAN07001338	GQN2 19+50	375831	5670114	<0.5	<0.1	8.48	1.6	<1	49	0.2	0.27	0.3	12	41	36	4.35	19	0.1	0.17	14	0.55	395	3	0.01	21	0.05	14	0.07	<0.1	3.9	0.9	14	3.7	0.19	0.2	1.7	63	0.5	78
VAN07001338	GQN2 20+00	375881	5670100	<0.5	0.2	6.80	1.7	<1	96	0.3	0.37	0.3	17	41	50	4.48	14	0.1	0.23	18	0.95	406	1	0.02	37	0.08	13	0.06	<0.1	6.5	1.3	25	5.0	0.19	0.2	1.9	62	0.4	107
VAN07001338	GQN2 20+50	375894	5670078	<0.5	0.2	5.72	1.7	<1	130	0.2	0.22	0.3	15	50	46	4.99	16	0.11	0.59	16	1.48	334	2	0.02	37	0.08	10	0.08	<0.1	8.4	1.2	13	5.6	0.25	0.3	1.5	72	0.5	114
VAN07001338	GQN2 21+00	375843	5670080	0.6	0.3	8.23	1.4	<1	108	0.2	0.49	0.2	26	36	64	3.38	13	0.13	0.40	26	0.99	469	1	0.03	36	0.13	13	0.13	<0.1	6.9	1.5	29	4.9	0.15	0.3	5.8	44	0.5	77
VAN07001338	GQN2 21+50	375793	5670076	<0.5	0.3	4.43	1.7	<1	114	0.2	0.27	0.3	12	45	31	4.67	14	0.1	0.39	20	0.98	323	2	0.01	24	0.06	11	0.09	<0.1	5.4	1.0	13	4.3	0.16	0.2	1.7	58	0.3	82
VAN07001338	GQN2 22+00	375743	5670068	1.1	<0.1	3.89	1.2	<1	285	0.3	0.19	<0.1	13	73	47	7.34	20	0.02	1.05	24	1.89	391	5	0.02	35	0.06	14	<0.05	<0.1	10.7	0.7	38	11.1	0.45	0.4	1.9	121	0.2	109
VAN07001338	GQN2 22+50	375704	5670036	<0.5	<0.1	4.74	1.2	<1	186	0.2	0.17	0.2	9	60	27	4.88	14	0.08	0.73	16	1.21	317	3	0.02	19	0.06	8	0.06	<0.1	8.2	0.7	14	6.8	0.38	0.4	1.1	86	0.3	79
VAN07001338	GQN2 23+00	375673	5669997	0.7	<0.1	3.55	0.9	<1	174	0.3	0.51	<0.1	12	43	29	3.55	15	0.03	0.66	24	1.53	362	1	0.03	25	0.06	8	<0.05	<0.1	5.9	0.6	25	8.5	0.24	0.3	1.6	60	0.5	74
VAN07001338	GQN2 23+50	375629	5669974	<0.5	0.1	2.80	0.9	<1	249	0.2	0.55	<0.1	19	61	63	4.47	12	<0.01	0.97	26	1.53	405	4	0.03	45	0.04	9	<0.05	<0.1	8.9	0.7	28	8.5	0.28	0.4	6.8	84	1.3	82
VAN07001338	GQN2 24+00	375584	5669951	<0.5	0.1	2.33	1.3	<1	97	0.2	0.42	0.2	10	32	23	3.35	11	0.03	0.25	28	0.98	291	1	0.01	19	0.03	7	<0.05	<0.1	4.6	0.7	23	6.3	0.15	0.2	2.9	47	1.2	70
VAN07001338	GQN2 24+50	375546	5669919	<0.5	0.1	3.88	1.1	<1	122	0.2	0.42	0.1	11	32	25	3.12	12	0.06	0.33	25	1.11	242	1	0.02	22	0.04	9	0.06	<0.1	4.9	0.8	26	5.6	0.15	0.2	3.5	44	0.5	71
VAN07001338	GQN2 25+00	375503	5669895	<0.5	0.2	4.80	1.7	<1	137	0.2	0.85	0.3	12	39	31	3.78	11	0.1	0.19	33	0.56	804	2	0.02	20	0.05	12	0.10	<0.1	5.9	1.1	47	4.5	0.19	0.3	8.0	53	0.5	75

Au:	3-8
	8-15
	>15

Bi:	0.5-1.0
	1.0-2.0
	>2.0

Cu:	50-75
	75-100
	>100

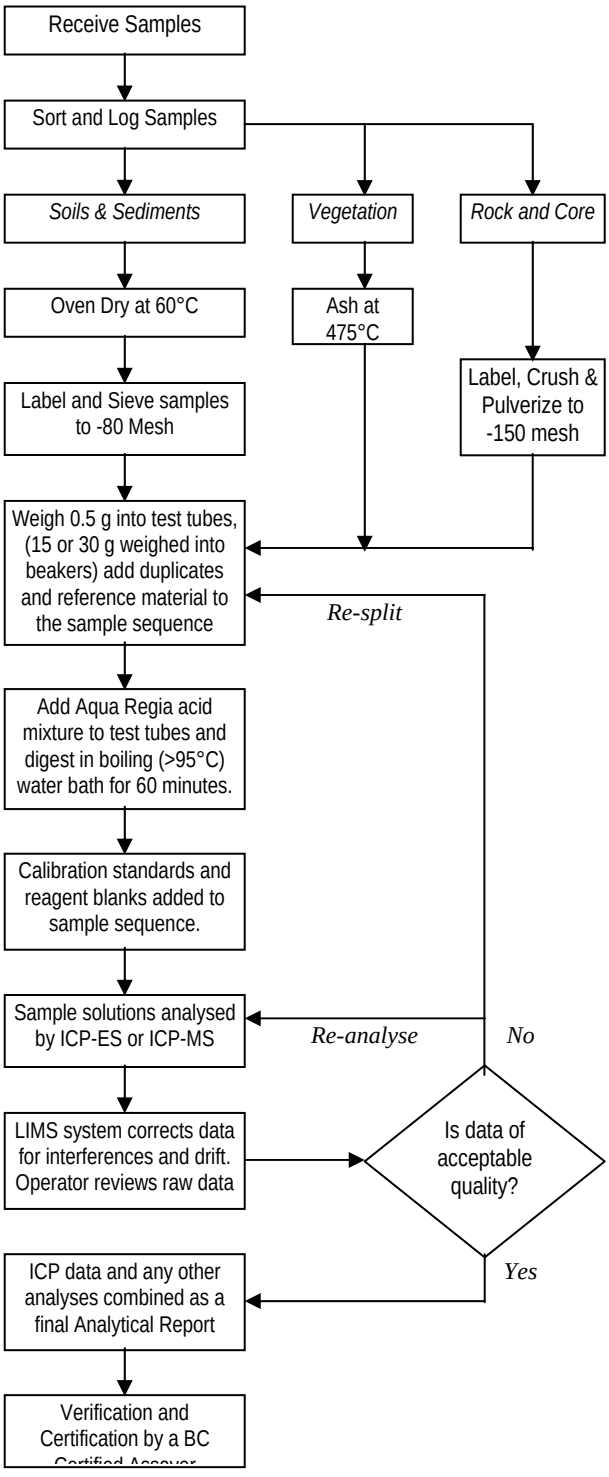
W:	1.0-1.5
	1.5-2.0
	>2.0

GQ PROPERTY SILT SAMPLES - 2007

Certificate	Sample Number	Easting NAD83	Northing NAD83	Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
A704069	GQ SL-07-01	375945	5666987	1.0	<0.1	1.29	<0.5	1	48	0.2	0.30	0.1	7	23	13	2.01	6	0.02	0.16	16	0.42	418	1.6	0.02	11	0.02	8	<.05	<0.1	3	0.6	20	4	0.12	0.1	3.7	42	0.8	61
A704069	GQ SL-07-02	375853	5667007	<0.5	<0.1	1.65	<0.5	1	62	0.2	0.38	0.1	9	35	14	2.09	6	0.01	0.24	15	0.69	317	1.2	0.03	14	0.04	5	<.05	<0.1	5	<0.5	27	6	0.13	0.2	2.3	49	1.0	62
A704069	GQ SL-07-03	375630	5666895	<0.5	<0.1	0.95	<0.5	1	47	0.2	0.30	0.1	6	14	11	1.31	4	0.02	0.13	15	0.31	312	0.7	0.02	10	0.03	4	<.05	<0.1	2	<0.5	25	4	0.08	0.2	4.1	24	1.8	41
A704069	GQ SL-07-04	375697	5666851	<0.5	<0.1	0.93	<0.5	<1	43	0.1	0.29	<0.1	5	15	10	1.20	3	0.01	0.13	11	0.33	187	0.5	0.02	9	0.04	4	<.05	<0.1	2	<0.5	20	4	0.07	0.1	1.6	24	0.6	43
A704069	GQ SL-07-05	375576	5666801	1.5	<0.1	1.45	0.5	<1	77	0.3	0.20	0.1	7	29	17	2.26	7	0.02	0.24	15	0.50	229	1.3	0.01	16	0.03	7	<.05	<0.1	4	0.5	14	5	0.14	0.2	2.5	43	0.8	57
A704069	GQ SL-07-06	376095	5666792	2.8	0.3	2.82	<0.5	1	125	0.6	0.37	0.2	13	44	48	3.11	8	0.04	0.37	22	0.72	374	1.3	0.02	52	0.04	12	<.05	<0.1	7	0.7	52	4	0.18	0.3	9.4	53	1.0	89
				Au:	3-8					Bi:	0.5-1.0				Cu:	50-75																					W:	1.0-1.5
					8-15						1.0-2.0					75-100																						1.5-2.0
					>15						>2.0					>100																						>2.0

METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 1D & 1DX – ICP & ICP-MS ANALYSIS – AQUA REGIA

Analytical Process



Comments

Sample Preparation

All samples are dried at 60°C. Soil and sediment are sieved to -80 mesh (-177 μm). Moss-mats are disaggregated then sieved to yield -80 mesh sediment. Vegetation is pulverized or ashed (475°C). Rock and drill core is jaw crushed to 70% passing 10 mesh (2 mm), a 250 g riffle split is then pulverized to 95% passing 150 mesh (100 μm) in a mild-steel ring-and-puck mill. Pulp splits of 0.5 g are weighed into test tubes, 15 and 30 g splits are weighed into beakers.

Sample Digestion

A 2:2:2 solution of concentrated ACS grade HCl, HNO_3 and de-mineralised H_2O (modified Aqua Regia) is added to each sample to leach for one hour in a hot water bath (>95°C). After cooling the solution is made up to final volume with 5% HCl.

Sample Analysis

Group 1D: solutions aspirated into a Jarrel Ash AtomComp 800 or 975 ICP emission spectrometer are analysed for 30 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

Group 1DX: solutions aspirated into a Perkin Elmer Elan6000 ICP mass spectrometer are analysed for 36 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, *Ga*, *Hg*, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, *S*, Sb, *Sc*, *Se, Tl*, Sr, Th, Ti, U, V, W, Zn.

Quality Control and Data Verification

An Analytical Batch (1 page) comprises 34 samples. QA/QC protocol incorporates a sample-prep blank (SI or G-1) carried through all stages of preparation and analysis as the first sample, a pulp duplicate to monitor analytical precision, a -10 mesh rejects duplicate to monitor sub-sampling variation (drill core only), two reagent blanks to measure background and aliquots of in-house Standard Reference Materials like STD DS4 to monitor accuracy.

Raw and final data undergo a final verification by a British Columbia Certified Assayer who signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.

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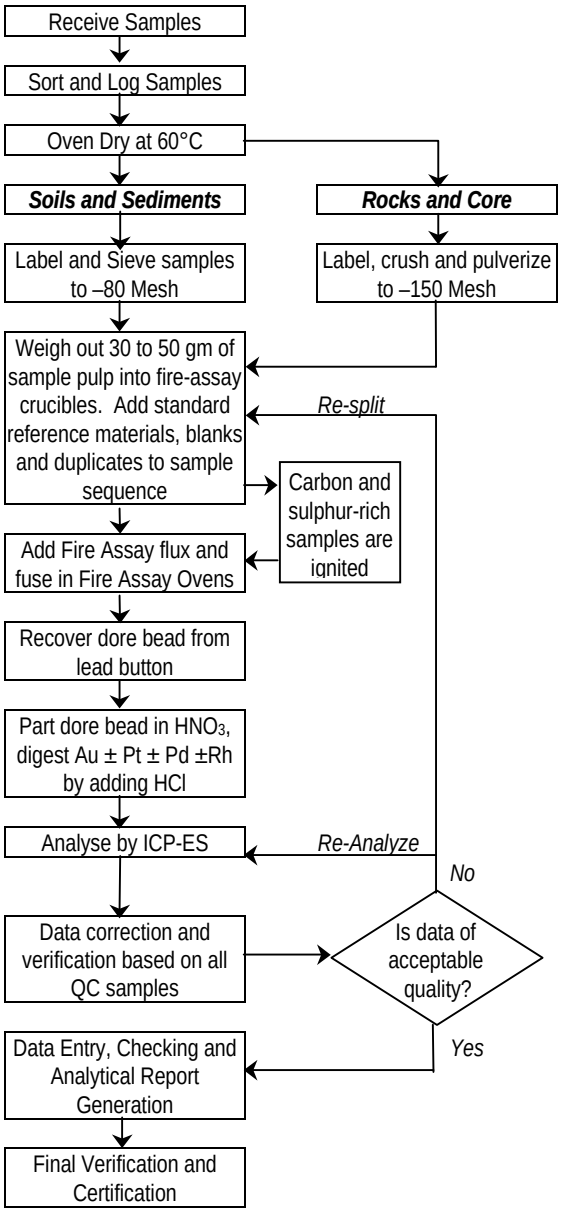
METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 3B - PRECIOUS METALS BY FIRE GEOCHEM

Analytical Process



Comments

Sample Preparation

Soils and sediments are dried (60°C) and sieved to -80 mesh ASTM (-177 m). Rocks and drill core are crushed and pulverized to 95% -150 mesh ASTM (-100 µm). Splits of 30 gm (client may select 50 gm option) are weighed into fire assay crucibles. Quality control samples comprising blanks, duplicates and reference materials Au-S, Au-R, Au-1 or FA-100S (in-house standard reference materials) added to each batch of 34 samples monitor background, precision and accuracy, respectively.

Sample Digestion

A fire assay charge comprising fluxes, litharge and a Ag inquart is custom mixed for each sample. Fusing at 1050°C for 1 hour liberates Au, Ag, Pt and Pd. For Rh > 10 ppb, a Au inquart is used. After cooling, lead buttons are recovered and cupeled at 950°C to render Ag ±Au ±Pt ±Pd or Au ±Pt ±Pd ±Rh dore beads. Beads are weighed then leached in hot, conc. HNO_3 to dissolve Ag leaving Au (± PGE) sponges. Concentrated HCl is added to dissolve the sponges. Au inquart beads (Rh analysis) are dissolved in Aqua Regia.

Sample Analysis

Au, Pt, Pd and Rh are analysed in sample solutions by ICP-AES (Jarrel Ash AtomComp model 800 or 975). Rh can be determined quantifiably up to 10 ppb from a Ag inquart fusion digestion, however a Au inquart must be used to accurately determine higher concentrations.

Data Evaluation

Data is inspected by the Fire Assay Supervisor then undergoes final verification by a British Columbia Certified Assayer who signs the Analytical Report before release to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.

Appendix B

Rock Sample Descriptions

GQ PROPERTY ROCK SAMPLE DESCRIPTIONS - 2007

Certificate	Sample Number	Easting NAD83	Northing NAD83	Float Outcrop	Description	Au ppb	Bi ppm	Cu ppm	Te ppm	W ppm
A704068	GQ07-01	375809	5666976	Flt	Grab sample from 50 x 60 x 35 cm subrounded boulder of calc-silicate with "granular" sulphide appearance typical of these rocks. Comprised of scapolite-quartz? with 40% fine-grained pyrrhotite-marcasite and trace cpy. Weakly magnetic.	**80.2**	2.59	**796.8**	1.25	**13.5**
A704068	GQ07-02	375859	5666955	Flt	Grab sample from subangular 15 cm thick by 25 x 30 cm boulder of calc-silicate with distinct banded or layered appearance. 15-20% sulphides.Po, py (marcasite) as "sooty" grains between pyroxene-scapolite. Trace cpy. Weak to moderately magnetic.	11.6	2.43	463.54	0.68	0.5
A704068	GQ07-02A	375859	5666955	Flt	Duplicate Sample	11.1	1.49	303.73	0.45	0.6
A704068	GQ07-03	375856	5666945	Flt	Grab from rusty subangular calc-silicate with distinct bands containing 30-50% medium-grained "granular" po-py, trace py. Pale brown-green unmineralized calc-silicate with "band" of coarse-grained po-scapolite with irregular infillings of po to 3-4mm, trace cpy. Strongly magnetic.	**154.2**	7.22	404.79	0.91	1.7
A704068	GQ07-04	375928	5666903	Flt	Grab sample from 20 x 15 x 10 cm subangular rusty calc-silicate. Located ~12m W of GQ06-15 (487 ppb Au). 3-5% disseminated po, weak banded appearance. Weakly magnetic.	11.1	0.89	117.37	0.13	0.9
A704068	GQ07-05	375972	5666859	Flt	Grab sample of subrounded, rusty cobble of calc-silicate with overall < 5% sulphides. Located in area of anomalous soils (SCB 9+75, 10+00, 10+25).	40.3	2.84	257.86	0.47	**36.9**
A704068	GQ07-06	375966	5666858	Flt	Grab from subrounded cobble (15 x 8 x 6 cm) of crudely banded calc-silicate with local po enriched layers but not as semi-massive as in GQ07-01 to 03. Finer grained calc-silicate than usual with only 2-3% disseminated fine-grained po. Collected due to proximity to soil SCB 9+75. Moderately magnetic.	20.1	3.94	89.52	0.3	**0.7**
A704068	GQ07-07	375985	5666850	Flt	Grab sample from 20X20 cm cobble of very angular and rusty feldspar-quartz pegmatite with irregualr clots of po (to 1cm) between crystal grains. Non magnetic.	9.9	0.93	485.58	0.38	0.6
A704068	GQ07-08	376053	5666900	Flt	Grab from subrounded (10 x 10 x 5 cm) cobble of subrounded pale green calc-silicate with 5-8% disseminated po, tr cpy Rock has typical granular sooty appearance with sulphides as infillings between scapolite-px crystals.	10.2	3.44	183.09	0.26	0.6
A704068	GQ07-09	375996	5666802	Flt	Grab sample of very rusty, well banded, pale green calc-silicate with thin lenses po locally to 25%. "Granular" sulphide texture. Host is medium to c. grained pyroxene-scapolite. Very weakly magnetic.	13.5	2.47	218.61	0.35	9.7
A704068	GQ07-10	376006	5666774	Flt	Grab from very limonitic, subangular boulder (25 cm) representing 15 cm thick sulphide rich horizon. "Granular" appearance due to 25% po, py (marcasite) and minor cpy between pyroxene and scapolite grains? Sulphide band attached to c. grained pinkish quartz feldspar pegmatite. V. weakly magnetic.	25.1	2.11	**722.02**	1.11	0.3
A704068	GQ07-11	376111	5666781	Flt	Grab sample from 15 x 15 cm float cobble of subangular, very limonitic mafic looking calc-silicate. Distinctly different from usual calc-silicate to west. Medium-grained pyroxene rich with patch of red garnet. Moderately magnetic. Disseminated po ~3-4%.	3.0	1.76	188.75	0.18	0.6
A704068	GQ07-12	376102	5666809	Flt	Grab sample from very rusty angular block of green coarse-grained calc-silicate with up to 10-20% po, tr cpy. This and GQ07-11 are the most "up road" float found along Spur "A". Sulphides as irregular infillings rather than banded granular type. Strongly magnetic.	23.4	2.79	**547.52**	0.57	0.6
A704068	GQ07-13	376095	5666792	Flt	Grab sample of pebbles of po bearing calc-silicate collected from stream sample site GQSL-06.	7.1	1.29	111.72	0.12	**0.3**
A704068	GQ07-14	376098	5666778	Flt	Composite chip sample from two very rusty green calc-silicate boulders 1.5 m apart. Located ~25m SW of GQ07-12. Pieces up to 45 cm long representing horizons to 30 cm thick. "Banded" appearance with up to 40% "granular", "sooty" po, py tr cpy. Noted trace graphite flakes. Weakly magnetic.	**399.8**	14.08	**678.1**	1.82	2.7
A704068	GQ07-15	375175	5665837	Flt	Composite grab of numerous subangular to angular green calc-silicate fragments over 5 m of road cut. Pieces to 30 cm with some containing up to 30% po. Traced float along road bank for 15-20m. Po as infillings between medium to coarse grains of pyroxene and scapolite. Tr cpy. Strongly magnetic.	**329.0**	**25.12**	161.72	1.65	**11.0**
A704068	GQ07-16	375171	5665833	Flt	Composite sample of two subrounded to subangular cobbles (20 cm) with abundant (up to 40%) po, moderate cpy.Rock appears to be quartz rich with usual green pyroxene and possible scapolite. Sulphides are weakly banded and occur as irregular infillings between silicate grains. Not the sooty appearance seen in sample with the granular texture. Moderately magnetic.	**573.2**	**51.77**	**548.99**	**4.89**	0.4
A704068	GQ07-17	375350	5665750	Otc	Chip sample across 1 m of platy, weakly graphitic quartz-mica gneiss. Some siliceous (quartzite) bands with minor disseminated (2-3%) po. Rock is mixed quartzite and calc-silicate. Non magnetic. Quartz lenses (sweats) to 0.5 cm parallel to schistosity.	3.8	3.94	38.54	0.08	1.1
A704068	GQ07-18	375389	5666781	Flt	Grab sample from 35 x 30 cm boulder of pegmatite with 25 cm band of sulphides. Sulphides (po>>py, cpy) as angular infillings to 1 cm between green silicate (px) grains. Not the "granular" texture seen in other calc-silicate samples. Strongly magnetic. 60 metres easterly of bedrock sample WP 025.	37.8	4.29	**811.37**	1.15	**260.0**
VAN07001337	GQ07-19	377572	5670450	Flt	Grab from several pieces of subangular to subrounded float to 20 cm at bottom of GQN1 spur road. Rock is dark green, fine to medium-grained amphibole (?) - feldspar gneiss (50:50). Disseminated po+cpy~3-4%. Cpy (0.2%) generally adjacent to po. Moderatley magnetic.	1.6	0.24	496.7	0.07	**0.3**
VAN07001337	GQ07-20	376823	5670580	Flt	Grab from very rusty, subangular amphibolite? gneiss boulders up to 35 cm. Comprised of coarse, dark green to black amphiboles and light green diopside? Disseminated f. grained po, cpy (5%). Some areas show clots of cpy (overall 0.1%) . Cpy often occurs separate from po. Non-magnetic. **Petrographic sample. See Appendix C.**	30.2	0.64	**651**	0.23	0.1
VAN07001337	GQ07-21	376799	5670560	Flt	Random grab from several very angular boulders (to 35 cm) of layered or banded calc-silicate and marble. Suspect source from stratigraphic unit up to several metres thick. Disseminated clots of po, py (marcasite), trace cpy. Rock specimen is black hornblende-feldspar gneiss, well layered (schistose) with well disseminated 7% fine-grained po (tr cpy). Strongly magnetic (probably magnetite not po).	1.2	0.26	88.08	0.03	1.1
VAN07001337	GQ07-22	376631	5670474	Flt	Grab from subrounded rectangular cobble (25 x 15 x 20 cm) of pale green calc-silicate. Some parts show "granular" sulphide texture often seen in Second Creek area. Disseminated po some of which altering to sooty marcasite. Tr cpy. Very weakly magnetic.	4.6	1.01	**632.1**	0.31	0.3

GQ PROPERTY ROCK SAMPLE DESCRIPTIONS - 2007

Certificate	Sample Number	Easting NAD83	Northing NAD83	Float Outcrop	Description	Au ppb	Bi ppm	Cu ppm	Te ppm	W ppm
VAN07001337	GQ07-23	376408	5670374	Flt	Grab sample from 30 cm subangular, pale green calc-silicate boulder with semi-massive bands of po, tr cpy. Overall 8-10% sulphides with f. grained po as irregular infillings. One cross-cutting po veinlet. Comprised primarily of diopside>feldspar. Not the sooty granular appearance. Very weakly magnetic.	25.2	8.43	**577.7**	0.69	0.3
VAN07001337	GQ07-24	376379	5670356	Flt	Grab from subrounded, very limonitic calc-silicate with 5-7% disseminated sulphides(po>>cpy). Rocks is pale green calc-silicate comprised of medium-grained diopside-scapolite with irregular infilling of po that has altered largely to sooty very fine-grained marcasite. Tr cpy.	3.5	2.34	**834**	0.77	**30.1**
VAN07001337	GQ07-25	376111	5670199	Flt	Grab from subangular float (20 cm) of calc-silicate with 5% disseminated sulphides. Several pieces coming out of basal till. Pale gray-green medium-grained calc-silicate with disseminated po (altering to sooty marcasite) and > usual individual cpy (grains to 1mm+). Sulphide content 5-7%.Weakly magnetic. *Note: Very intriguing fine-grained sulphide rims around darker sulphides.	1.2	0.24	225.5	0.09	0.3
VAN07001337	GQ07-26	376716	5669504	Flt	Composite grab of very limonitic biotite gneiss, minor calc-silicate and marble found in till and end of GQN1 spur. Float is subrounded to subangular. Minor disseminated po (<5%) trace cpy. Rock specimen is pale red-brown feldspar -bio-gneiss. No sulphides, non-magnetic.	0.8	0.49	139.6	0.08	3.6
VAN07001337	GQ07-27	376077	5670211	Flt	Grab sample from subrounded rusty boulder (25 x 25 cm) of semi-massive po bearing calc-silicate. Rock is medium green calc-silicate (diopside) with abundant (50%) infilling by irregular fine-grained po, minor cpy (0.1%). ***Very good looking material*** . NOTE: Many high sulphide boulders may have become rounded by chemical means (i.e. acid produced by po). Moderate to strongly magnetic **. Petrographic sample. See Appendix C.**	3.4	5.06	**1173**	1.71	0.2
VAN07001337	GQ07-28	375983	5670235	Otc	Chip sample across 2.75 m (true width) of crumbly, limonitic, pale brown schist with quartz sweats. Massive biotite-feldspar gneiss on either side. ***ATT=315°/55°NE.*** Very low (<0.5%) sulphides. Non magnetic.	1.1	0.14	43.8	<0.02	0.3
VAN07001337	GQ07-29	375808	5670206	Otc	Grab sample from mafic, fine-grained dyke that cuts gneiss. One of several dykes up to 8m wide with general ***ATT 020°/70°E.*** Rock is medium green chloritically altered intermediate composition dyke. No visible quartz. Fine acicular crystals (actinolite?). No sulphides. Moderately strongly magnetic.	0.7	0.23	95.46	0.03	0.1
VAN07001337	GQ07-30	375782	5670202	Otc	Chip sample across 0.9m containing 0.3m zone of sulphide bearing calc-silicate (po, marcasite, tr cpy). ***ATT=280°/50°S.*** Zone trend appears to cross cut fabric of local rocks. Pale pinkish-green med.-grained calc-silicate (px-fs-scapolite) with disseminated and irregular elongate clots (to 1.5 cm long) of po-marcasite and scattered grains cpy. Total sulphides =5-7%. Weakly magnetic (po clots moderately magnetic). **Petrographic sample. See Appendix C.**	0.3	0.85	**518.6**	0.38	>100.0
VAN07001337	GQ07-31	375772	5670197	Otc	Random chip across 3.5m (true) of crumbly to solid calc-silicate and marble horizons. Minor (1-2%) disseminate po, tr cpy. ***ATT of horizon=320°/48°SW.*** Rock is pale green and brown layered calc-silicate with 3-4% disseminated po and weak sulphide bands (quite magnetic). Trace graphite flakes. Weak to moderately magnetic.	0.7	0.27	49.85	0.08	1.1
VAN07001337	GQ07-32	375729	5670190	Otc	Chip sample across 1.2m (average) from zone that ranges from 0.75-2.0 m wide. This is a layer or band that is contorted by pegmatite on both walls. ATT=328°/60°SW. Rock is pale green , med. grained calc-silicate (px-scapolite-fs) with disseminated fine-grained po (10-15%) much of which is altering to sooty marcasite. Trace cpy. Very weakly magnetic.	0.5	0.21	148.9	0.03	8.1
VAN07001337	GQ07-33	375772	5670116	Otc	Chip sample across 1.4m of very rusty weathering gneiss and calc-silicate zone. ***ATT=355°/58°SW*** . Rock is pale green fine-grained calc-silicate. Possible marble with 1-2% irregular clots of po. Weakly magnetic.	0.6	0.13	44.28	0.02	0.3
VAN07001337	GQ07-34	375877	5670074	Otc	Chip sample across 2 metres of very rusty gneiss-calc-silicate zone. Some patches show weak "granular" texture. Disseminated po 1-2%. Locally to 5-10%. Trace cpy. Very pale brown-green, medium-grained rock comprised of all pyroxene-feldspar-scapolite? Minor disseminated and weak bands of fine-grained po (~3-5%). Trace graphite. Non magnetic.	2.0	0.35	98.33	0.1	0.7
VAN07001337	GQ07-35	375591	5669955	Flt	Grab sample of very rusty cobbles of possibly hematitic (albite-quartz) material with patches of dark grey decomposing (sooty) sulphides (po). Some clots of cpy in sample. May be near source as sample is located adjacent to possible outcrop of similar material. Non magnetic.	1.7	0.26	245.2	0.12	0.1
VAN07001337	GQN1+1363	377100	5670222	Otc	Chip sample across 1 m. Outcrop of pale green calc-silicate and marble. Disseminated po~1%.	1.4	0.18	33.46	0.04	1.4

Appendix C

Petrographic Report

PETROGRAPHIC REPORT ON 5 SAMPLES FROM GQ PROPERTY

Report for: Warner Gruenwald, P. Geo.
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Invoice 070815

Oct. 22, 2007.

SUMMARY:

This suite of samples mainly comprises skarn/calc-silicate rocks (?) composed of calcic plagioclase (labradorite?) partly altered to sericite, quartz, clinopyroxene variably altered to amphibole ±carbonate or local zoisite-chlorite, local scapolite (meionite?), and interstitial sulfides (mainly pyrrhotite oxidized to pyrite or marcasite; minor chalcopyrite), plus accessory sphene, apatite and rare zeolite (?), ilmenite, zircon/monazite (?). Some of the samples have textures suggestive of former gabbroic (?) or layered gneissic rocks; one is an amphibolite (containing relict clinopyroxene). Capsule descriptions are as follows:

GQ06-07: skarn or calc-silicate rock composed of calcic plagioclase (slightly altered to clay?/sericite), quartz, amphibole, and interstitial sulfides (mainly pyrrhotite partly oxidized to pyrite/marcasite, trace limonite; minor chalcopyrite) plus accessory sphene and trace apatite.

GQ07-20: weakly foliated amphibolite (hornblende, actinolite?) likely after clinopyroxene, remnants of which are present, with clotty concentrations of quartz (metamorphic segregations?), minor inclusions of sulfide (pyrrhotite oxidized to pyrite/marcasite and limonite; minor chalcopyrite), accessory apatite, ilmenite, and zircon or monazite.

GQ07-27: skarn/calc-silicate composed of semi-massive sulfides, mainly pyrrhotite (slightly oxidized to pyrite/marcasite, trace goethite, jarosite?) and minor chalcopyrite, as matrix to clinopyroxene and lesser scapolite (partly altered to chlorite and minor carbonate), accessory sphene (±quartz?, apatite?).

GQ07-30: abundant accessory sphene (minor apatite), calcic plagioclase (altered to sericite and Kspar) and clinopyroxene (partly altered to zoisite?) suggest a skarn or calc-silicate alteration of a fairly mafic igneous rock (gabbro?), loosely associated with a veinlet network of pyrrhotite (largely replaced by marcasite and pyrite)-minor chalcopyrite-chlorite-carbonate.

SCB8+12: weakly layered skarn or calc-silicate rock composed of plagioclase-quartz-clinopyroxene (altered to amphibole-trace carbonate)-scapolite-pyrrhotite (oxidized to pyrite/marcasite)-minor chalcopyrite-accessory sphene-apatite-trace zeolite.

Detailed petrographic descriptions and photomicrographs are appended (on CD). If you have any questions regarding the petrography, please do not hesitate to contact me.

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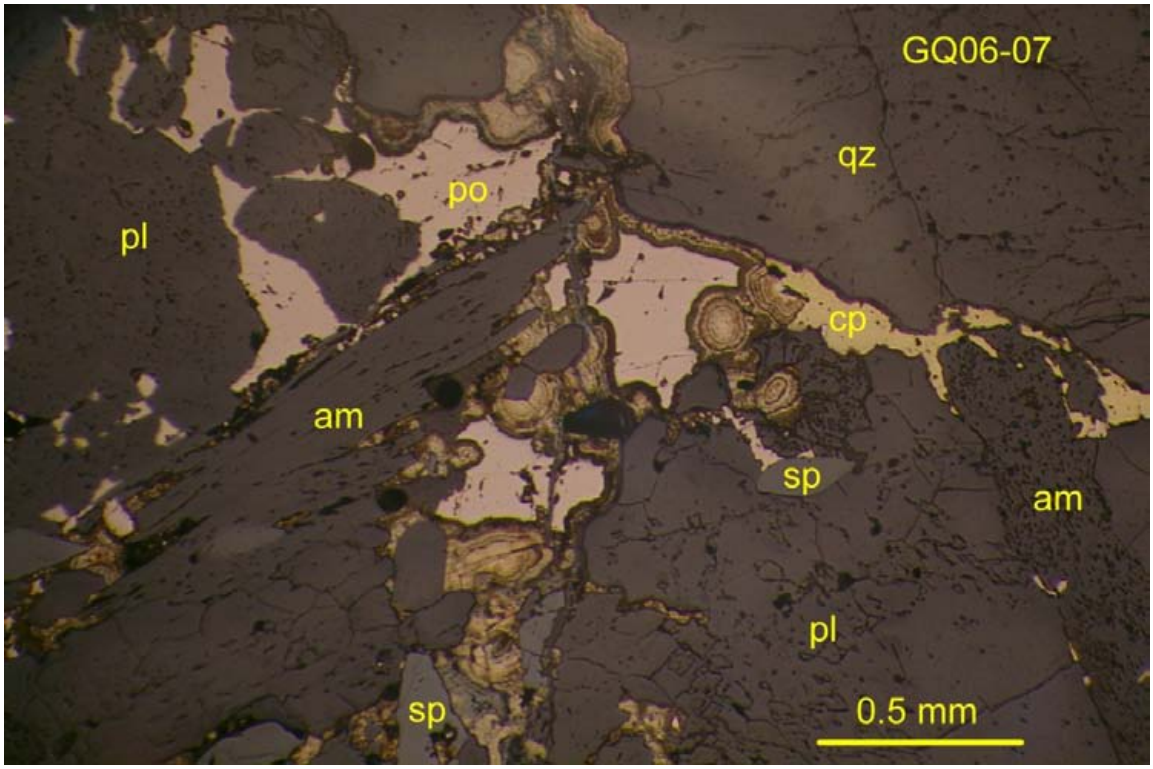
GQ06-07: SKARN (CALCIC PLAGIOCLASE-QUARTZ-AMPHIBOLE, INTERSTITIAL PYRRHOTITE-PYRITE/MARCASITE-MINOR CHALCOPYRITE, ACCESSORY SPHENE

Hand specimen shows a medium-grained, pale greenish grey skarn or calc-silicate rock (?) with semi-massive sulfides, likely mostly partly oxidized pyrrhotite, interstitial to the sulfides. The rock is magnetic, but shows no reaction to cold dilute HCl, and no stain for K-feldspar in the etched offcut. Modal mineralogy in polished thin section is approximately:

Plagioclase (labradorite?)	30%
Quartz	25%
Amphibole (actinolitic hornblende?)	20%
Pyrrhotite (partly altered to pyrite/marcasite)	15%
Pyrite/marcasite (after pyrrhotite)	7%
Sphene	1-2%
Clay?/sericite (after plagioclase)	1%
Chalcopyrite	<1%
Limonite (after pyrrhotite)	<1%
Apatite	trace



GQ06-07: Pyrrhotite (po) partly oxidized to lamellar/botryoidal or "bird's-eye" textured secondary pyrite/marcasite, associated with minor chalcopyrite (cp) and accessory sphene (sp), interstitial to silicate minerals plagioclase (pl), quartz (qz) and amphibole (am). Reflected light, uncrossed polars, field of view 2.75 mm wide.

GQ06-07

This sample consists mainly of a granular intergrowth of calcic plagioclase and quartz, with more or less interstitial amphibole and sulfides (mainly pyrrhotite partly oxidized to pyrite/marcasite), plus accessory sphene and rare apatite.

Plagioclase forms mainly subhedral, somewhat ragged (corroded?) crystals up to about 2 mm long (locally glomeratic to almost 3 mm). Composition appears to be about An65 (calcic labradorite) based on extinction Y^010 up to 34 degrees, and strong positive relief compared to adjacent quartz. The crystals are generally slightly to partly altered to very fine-grained (mostly <20 micron diameter) subhedral flakes of clay?/sericite, and commonly slightly stained by traces of limonite (transported from adjacent oxidizing pyrrhotite). The crystals are commonly fractured, with sulfides along the fractures and grain boundaries; rounded to subhedral inclusions of sphene up to 0.2 mm long are locally present, and rare apatite forms stubby euhedral prisms <0.15 mm long.

Quartz forms ragged, irregular to subhedral crystals up to 3.5 mm long (glomeratic in places to 5 mm), with moderate undulose extinction, but only minor sub-grain development, and rare suturing of grain boundaries, indicating moderate strain. The crystals are also commonly fractured, especially in certain sub-parallel zones <1 mm wide that cross the slide. Inclusions of amphibole and plagioclase, plus lesser sphene, are common in the quartz. Sphene forms mainly euhedral crystals up to0.7 mm long.

Amphibole forms blades to lath-like sub/euhedral crystals up to 3 mm long, with very pale green pleochroism and extinction c^Z around 13 degrees, suggestive of an actinolitic hornblende (?). The amphibole is generally most closely associated with the sulfides; euhedral sphene to 0.5 mm long is included within amphibole.

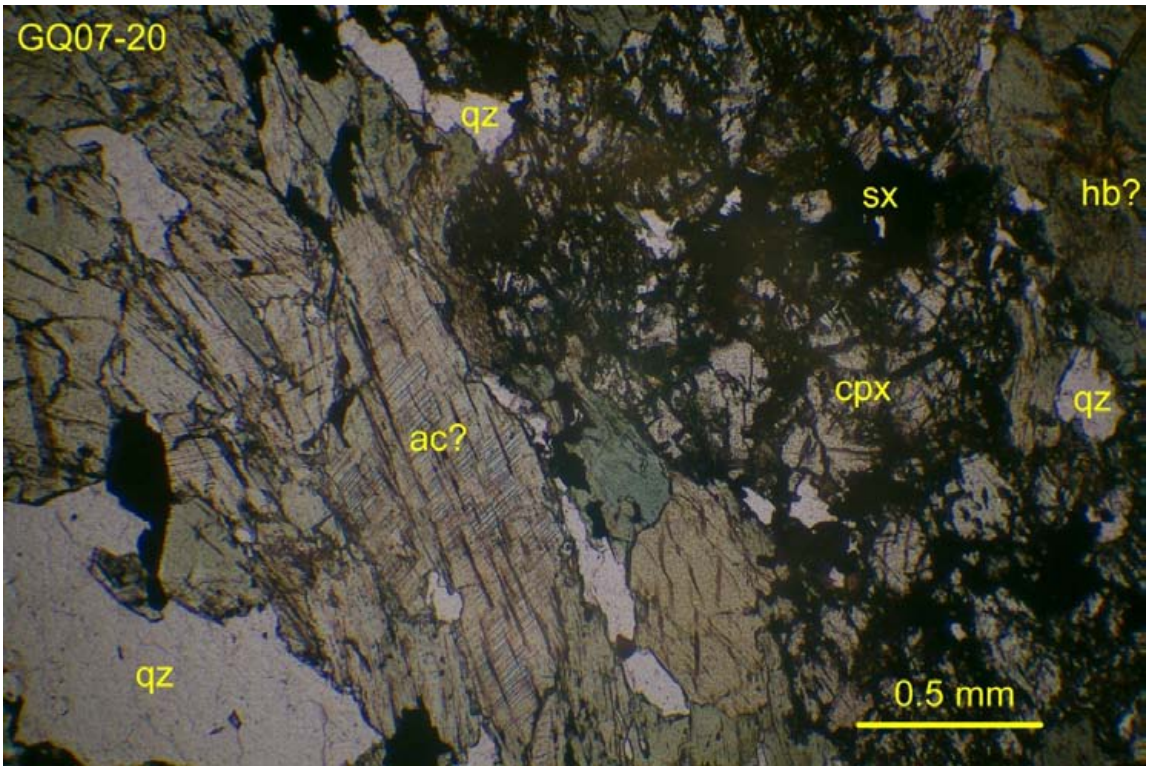
Sulfides are distinctly interstitial to silicates, forming irregular blebs up to almost 1 cm across that are composed of subhedral crystals of pyrrhotite generally <4 mm in diameter that are mostly altered along grain boundaries, fractures and rims to a mixture of fine-grained, lamellar- or “bird’s-eye” textured secondary pyrite/marcasite, and in places to surrounding limonite with a botryoidal, amorphous texture. Chalcopyrite is relatively rare, and generally restricted to narrow (<0.1 mm thick) fractures peripheral to pyrrhotite, or locally forming subhedra to 0.2 mm around the fringes of relict pyrrhotite.

In summary, this appears to represent a skarn or calc-silicate rock composed of calcic plagioclase (slightly altered to clay?/sericite), quartz, amphibole, and interstitial sulfides (mainly pyrrhotite partly oxidized to pyrite/marcasite, trace limonite; minor chalcopyrite) plus accessory sphene and trace apatite.

GQ07-20: AMPHIBOLITE (HORNBLENDE/ACTINOLITE AFTER CLINOPYROXENE, CLOTS OF QUARTZ, MINOR PYRITE/MARCASITE AFTER PYRRHOTITE, CHALCOPYRITE, APATITE, ILMENITE, ZIRCON/MONAZITE?

Hand specimen shows medium-grained, dark blackish green, amphibole-rich calc-silicate rock surrounding clotty segregations of white quartz and paler-coloured amphibole. The rock is weakly magnetic, shows no reaction to cold dilute HCl, and no stain for K-feldspar in the etched offcut. Modal mineralogy in polished thin section is approximately:

Amphibole (hornblende?)	55%
(actinolite?)	10%
Quartz (mainly secondary?)	20%
Clinopyroxene (relict)	10%
Pyrite/marcasite (after pyrrhotite?)	2-3%
Apatite	1-2%
Chalcopyrite	<1%
Chlorite	<1%
Limonite	<1%
Ilmenite	<<1%
Zircon or monazite (?)	<<1%



GQ07-20: Border zone of pale green amphibole (actinolitic, ac?), possibly replacing fractured relict clinopyroxene (cpx), between quartz (qz) clot and dark-coloured amphibole (hornblende, hb?). Small clots of opaque (sx) are mostly pyrrhotite that has been oxidized to pyrite/marcasite and limonite. Transmitted plane light, field of view 3 mm wide.

GQ07-20

This sample consists mainly of medim- to coarse-grained, somewhat foliated, dark green amphibole (probably after clinopyroxene, relics of which locally remain), with inclusions of quartz, minor sulfides and apatite, and clots of quartz, separated by a zone of pale green amphibole (also containing relict clinopyroxene).

Dark green amphibole has extinction angle around 17-18 degrees and is likely hornblende. It forms sub- to euhedral, bladed crystals up to 5 mm long with locally sub-parallel alignment. In places, relict clinopyroxene is preserved as ragged, corroded crystals or aggregates of subhedral crystals up to almost 5 mm long (aligned sub-parallel to the amphibole). Pyroxene has very pale green colour (but lacks pleochroism) and extinction angle around 40 degrees; it could be augite or diopside. Interstitial quartz (interlocking subhedra mostly <0.5 mm) and significant apatite (sub- to euhedral prisms up to 5 mm long) are common; apatite also occurs as euhedral crystals included within the amphibole. Sulfides are also mostly interstitial to (or included within) the amphibole, forming small blebs <1 mm in size composed of subhedra <0.5 mm in diameter that likely were originally pyrrhotite, but are now almost totally replaced by fine-grained, lamellar- or "birds-eye" textured secondary pyrite/marcasite, gradational locally to minor dark red-brown, amorphous limonite. Minor chalcopyrite forms subhedra mainly <0.25 mm in diameter, associated with or included in the sulfide blebs. Traces of chlorite (<0.1 mm green, length-slow; F:M ~0.6?) locally replace amphibole, associated with the sulfides. Local minute crystals of ilmenite and zircon or monazite (?) also included in the amphibole have euhedral outlines mostly <90 microns long.

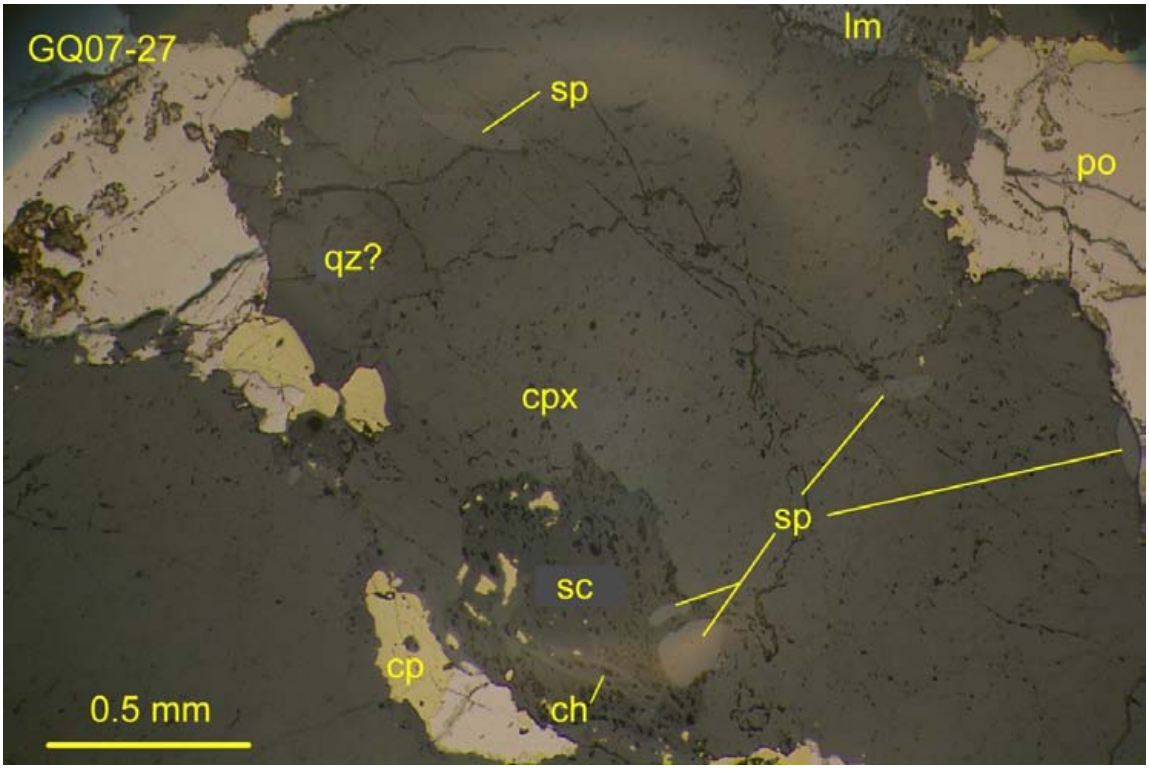
In the quartz-rich clot, which is several cm long in the hand specimen, quartz forms granulated or recrystallized-looking, interlocking sub/anhedral crystals mostly <2.5 mm long, with moderate to strong strain indicated by undulose extinction, sub-grain development, and suturing of grain boundaries; a weakly developed fabric is sub-parallel to the alignment of amphibole crystals in the body of the rock and in the pale-coloured amphibole/relict clinopyroxene zone that surrounds the quartz-rich area. This pale amphibole forms similar-sized, subhedral crystals and has similar extinction angle (18 degrees) to the dark hornblende (?); it may be actinolite or actinolitic hornblende (?). It contains similar apatite crystals and sulfide blebs (more strongly oxidized to pyrite/marcasite and limonite), with similar traces of chalcopyrite (only rarely oxidized to limonite), and appears to have replaced clinopyroxene that is similar to the relict pyroxene within the dark amphibole.

In summary, this is weakly foliated amphibolite (hornblende, actinolite?) likely after clinopyroxene, remnants of which are present, with clotty concentrations of quartz (metamorphic segregations?), minor inclusions of sulfide (pyrrhotite oxidized to pyrite/marcasite and limonite; minor chalcopyrite), accessory apatite, ilmenite, and zircon or monazite.

GQ07-27: SKARN (CLINOPYROXENE-SCAPOLITE-MINOR SPHENE-QUARTZ?-APATITE? IN MATRIX OF PYRRHOTITE-MINOR CHALCOPYRITE, OXIDIZED TO PYRITE/LIMONITE)

Hand specimen shows a similar rock to GQ06-07, dark grey to black medium- to coarse-gained, semi-massive sulfides interstitial to calc-silicates. The rock is strongly magnetic, but shows no reaction to cold dilute HCl, and no stain for K-feldspar in the etched offcut. Modal mineralogy in polished thin section is approximately:

Pyrrhotite (slightly altered to pyrite/marcasite)	45%
Clinopyroxene (diopside?)	40%
Scapolite (partly altered to chlorite)	12%
Pyrite/marcasite (after pyrrhotite)	1%
Sphene	<1%
Quartz (?)	<1%
Chalcopyrite	<1%
Limonite (goethite, jarosite?)	<1%
Chlorite	<1%
Carbonate	<<1%
Apatite (?)	<<1%



GQ07-27: Interstitial sulfide, mainly pyrrhotite (po) slightly oxidized to incipient pyrite/marcasite or locally limonite (lm), associated with minor chalcopyrite, in silicate matrix of subhedral clinopyroxene (cpx) and lesser, partly relict scapolite (sc) cut by chlorite (ch)-minor carbonate fractures, plus minor quartz? (qz?) and scattered sphene (sp). Reflected light, uncrossed polars, field of view 2.75 mm wide.

GQ07-27

This sample consists mainly of semi-massive sulfide (mainly pyrrhotite) forming a matrix to sub- to euhedral crystals of silicates (mainly clinopyroxene and lesser scapolite, rare quartz?) plus accessory sphene and rare apatite(?)

Pyrrhotite forms subhedral crystals mainly <2.5 mm in diameter, but in aggregates up to about 6 mm across. Slight alteration at margins and along grain boundaries or rare fractures is to very fine-grained, incipient secondary pyrite/marcasite (locally with lamellar or "birds-eye" textures). Locally, oxidation has produced limonite that is either mainly amorphous, dark red-brown, goethite, or pale yellow, minute scaly flakes <15 microns in size of jarosite (?). Chalcopyrite is relatively rare, forming irregular to ragged subhedra mainly <0.4 mm across, associated with the margins of pyrrhotite masses.

Clinopyroxene forms mainly stubby, euhedral to subhedral prisms up to 5 mm long (locally glomeratic) that are almost colourless and have extinction angle about 40 degrees (likely diopside). The crystals are almost entirely fresh (unaltered).

Scapolite (most readily visible as white etched crystals in the offcut) forms mainly euhedral crystals up to about 2.5 mm long, with moderate birefringence suggesting a composition near the calcium-rich end of the series (meionite). The crystals range from unaltered to partly replaced by chlorite and minor carbonate (possibly associated with fractures that also host chalcopyrite mineralization). Chlorite forms subhedral flakes mostly <0.1 mm in diameter with Optical properties (pale green pleochroism, bluish anomalous, length-slow birefringence) indicate a median composition (F:M, or Fe:Fe+Mg, ratio perhaps 0.6?). Carbonate occurs as minute (<25 micron) subhedra, possibly ankerite to judge by the lack of reaction to HCl in hand specimen. Rare apatite (?) forming euhedra to 0.15 mm is difficult to distinguish from scapolite, as is local quartz (?) forming sub/anhedra to 0.75 mm (except by the positive sign of the latter).

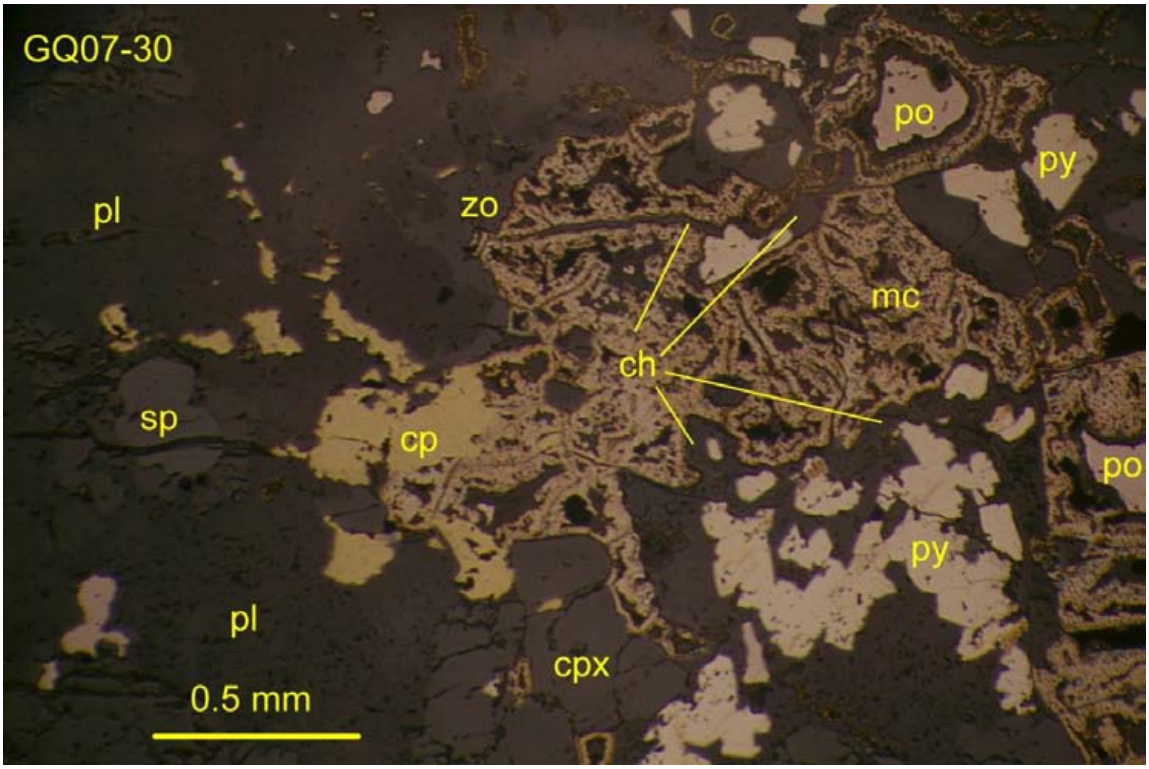
Euhedral sphene crystals up to 0.6 mm long are scattered throughout the sample, but most commonly occur within clinopyroxene.

In summary, this is skarn or calc-silicate rock composed of semi-massive sulfides, mainly pyrrhotite (slightly oxidized to pyrite/marcasite, trace goethite, jarosite?) and minor chalcopyrite, forming a matrix to clinopyroxene and lesser scapolite (partly altered to chlorite and minor carbonate), accessory sphene and possible quartz (?), trace apatite (?).

GQ07-30: RELICT GABBRO (?) ALTERED TO ZOISITE-SERICITE-CHLORITE-KSPAR-TRACE CARBONATE ALONG FRACTURES WITH PYRRHOTITE OXIDIZED TO PYRITE-MARCASITE, MINOR CHALCOPYRITE (ACCESSORY SPHENE, APATITE)

Hand specimen shows a pale creamy-buff to greenish-grey, fine- to medium-grained rock with a vaguely igneous look, with minor dark green sulfides and chlorite (?). The rock is weakly magnetic, and has minor stain for K-feldspar in the etched offcut, but shows no reaction to cold dilute HCl. Modal mineralogy in polished thin section is approximately:

Plagioclase (calcic; partly sericitized, Kspar altered)	55%
Clinopyroxene (diopside?)	25%
Zoisite	5%
Sericite (after plagioclase)	2-3%
Chlorite, "hydrobiotite"	2-3%
K-feldspar (partly secondary?)	2-3%
Pyrite/marcasite (after former pyrrhotite)	2-3%
Pyrite	2-3%
Sphene	2-3%
Carbonate (dolomite/ankerite?)	<1%
Chalcopyrite	<1%
Apatite	<1%



GQ07-30: Possible relict igneous rock, composed of sericitized plagioclase (pl) and clinopyroxene (cpx) altered to chlorite (ch) and zoisite (zo) along fractures filled with pyrrhotite (po) largely altered to coarse-grained pyrite (py) and fine-grained pyrite/marcasite (mc), associated with chalcopyrite (cp); sphene (sp) is accessory. Reflected light, uncrossed polars, field of view 2.75 mm wide.

GQ07-30

This sample consists essentially of a granular intergrowth of plagioclase (lightly sericitized) and clinopyroxene; alteration to zoisite, chlorite, Kspar, and minor carbonate is associated with irregular sulfide-bearing fracture zones or networks. There is abundant accessory sphene and minor apatite.

Plagioclase forms mainly sub- to euhedral interlocking crystals up to about 2 mm long that (where least altered) show polysynthetic twinning and local zoning, with extinction on 010 up to 34 degrees suggesting a composition as calcic as labradorite (An60?). Most crystals show minor to locally moderate (5-20%) replacement by fine-grained sericite as subhedral flakes <35 microns in size. In places, plagioclase is patchily to locally almost completely replaced by a secondary alkali feldspar that includes K-feldspar (indicated by staining in etched offcut), locally pseudomorphing the entire plagioclase crystal. This alteration is not obviously related to the fracture network.

Clinopyroxene forms ragged sub- to locally euhedral, lath-shaped crystals up to 2 mm long (glomeratic to 3 mm), with very pale colour and large extinction angle around 40 degrees; it is likely diopside (?). It shows only slight discolouration or alteration (along microfractures) to a mineral so fine-grained as to be not readily identifiable. Zoisite, forming irregular aggregates up to 2.5 mm across of sub/euhedral crystals mostly <0.7 mm long, tends to be intergrown with pyroxene (could represent the alteration of clinopyroxene, or possibly another mafic mineral such as orthopyroxene?). The relation of zoisite to the fracture networks is not as obvious as for chlorite.

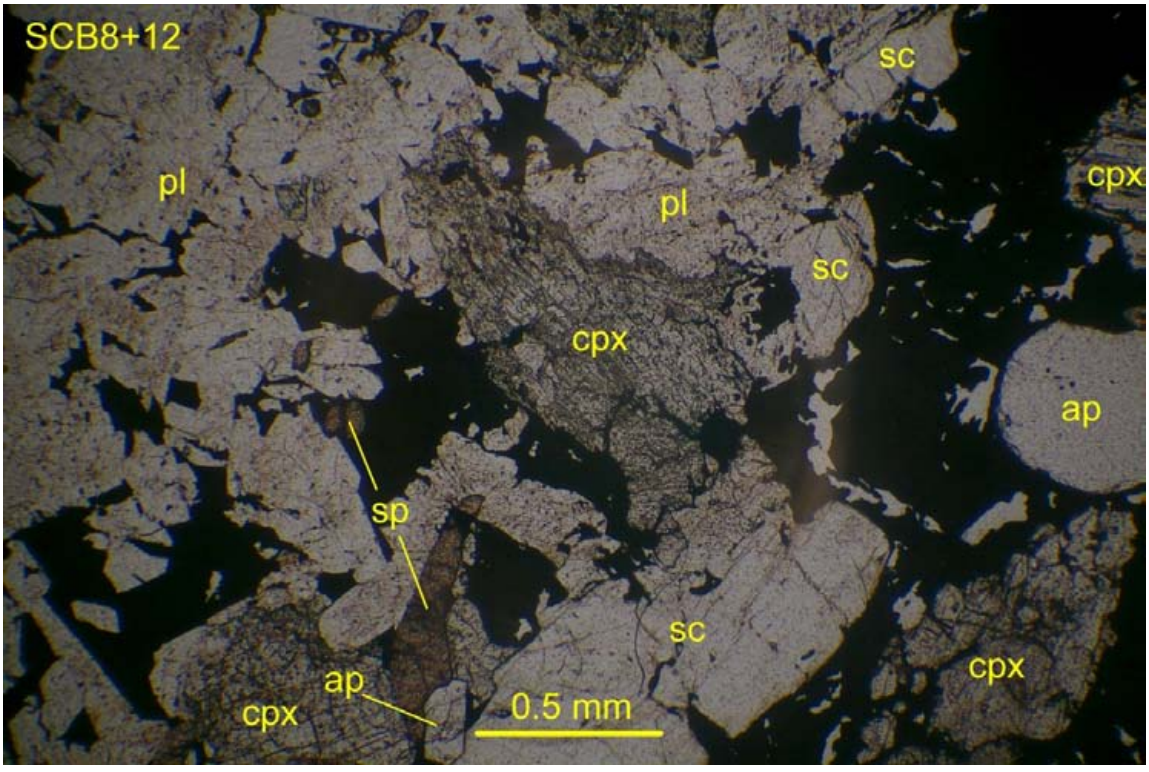
Along the major fracture networks, chlorite (or locally hydrobiotite, with higher birefringence) forms fine-grained, matted subhedral flakes mostly <15 microns (rarely to 0.1 mm for hydrobiotite), with pale green colour but virtually no pleochroism, and length-slow, yellow-green anomalous birefringence suggestive of F:M perhaps around 0.6 (?). Chlorite, locally containing minor carbonate (subhedra mostly <20 µm, possibly ankerite to judge by lack of reaction and Fe-stain) is intimately intergrown with and surrounds sulfides, which were likely originally mostly pyrrhotite (subhedra to 1 mm, aggregates to 3 mm) but have been largely replaced by very fine-grained secondary pyrite/marcasite or by coarsely crystalline, sub/euhedral pyrite up to 1 mm (elongated aggregates to 3 mm). Minor chalcopyrite is associated with relict pyrrhotite sites, forming subhedral aggregates to 0.5 mm. Accessory sphene (sub/euhedra to 0.5 mm, aggregating to 1 mm) and minor apatite (euhedra to 0.3 mm) are scattered throughout the rock without obvious relation to the veinlet network.

In summary, abundant accessory sphene (minor apatite), calcic plagioclase (altered to sericite and Kspar) and clinopyroxene (partly altered to zoisite?) suggest a skarn or calc-silicate alteration of a fairly mafic igneous rock (gabbro?), loosely associated with a veinlet network of pyrrhotite (largely replaced by marcasite and pyrite)-minor chalcopyrite-chlorite-trace carbonate.

SCB8+12: LAYERED SKARN (CALCIC PLAGIOCLASE, QUARTZ, CLINOPYROXENE ALTERED TO AMPHIBOLE±CARBONATE, SCAPOLITE-PYRRHOTITE±CHALCOPYRITE-SPHENE-APATITE-TRACE ZEOLITE?)

Hand specimen shows a somewhat layered, very weakly foliated rock apparently similar in composition to GQ06-07, with significant sulfides (mainly partly oxidized pyrrhotite?) largely concentrated along certain vaguely defined layers. The rock is weakly magnetic, shows no reaction to cold dilute HCl, and no stain for K-feldspar in the etched offcut. Modal mineralogy in polished thin section is approximately:

Plagioclase (labradorite?)	45%
Quartz (mainly secondary?)	20%
Clinopyroxene (relict)	10%
Scapolite	10%
Pyrrhotite (partly oxidized)	7%
Pyrite/marcasite (secondary, after pyrrhotite)	3%
Amphibole (secondary, after pyroxene)	1-2%
Sphene	1-2%
Apatite	<1%
Chalcopyrite	<1%
Carbonate (ankerite?)	<1%
Zeolite (?)	<1%



SCB8+12: Vaguely layered calc-silicate rock composed of fine-grained, recrystallized plagioclase (pl), clinopyroxene (cpx), scapolite (sc) and accessory sphene (sp) and apatite (ap), with interstitial sulfides (opaque) that are mainly pyrrhotite (oxidized to pyrite/marcasite) and minor chalcopyrite. Transmitted plane light, field of view 3 mm wide

SCB8+12

This sample is composed of crudely defined, alternating layers of plagioclase-quartz, clinopyroxene-sulfide, or locally scapolite-rich rock, with accessory sphene, apatite and trace zeolite (?) locally concentrated. Pyroxene is locally partly replaced by amphibole and carbonate.

Plagioclase occurs mainly as ragged, irregular aggregates with glomeratic outlines up to 5 mm across composed of interlocking sub/anhedral crystals mostly 1 mm in size. Zonation and twinning are rare to absent; positive relief against quartz and extinction up to about 30 degrees on 010 suggests a calcic composition, possibly labradorite (An60?). Most crystals are unaltered except for local flakes of sericite to 0.1 mm, but commonly have a recrystallized appearance, suggesting this may be a secondary composition.

Quartz forms irregular sub/anhedral crystals up to5 mm in diameter (locally glomeratic to 1 cm) that show only mild to rarely moderate strain, indicated by minor undulose extinction, rare sub-grain development/suturing of grain boundaries.

Clinopyroxene forms mainly ragged, irregular sub/anhedra up to 3 mm in diameter that are virtually colourless (palest green) and have large extinction angle around 40 degrees (dion suggests dolomite, and Fe-stain indicates ankerite).

Scapolite forms mainly sub/euhedral crystals up to 2 mm long with moderate (2^{nd} order) birefringence suggestive of a calcic composition near the meionite end. Accessory sphene forming mainly euhedral crystals up to 1 mm long, and apatite (sub/euhedra to 0.25 mm long) are scattered. Apatite is difficult to distinguish from scapolite except by their positive relief where touching. Along one side of a layer enriched in plagioclase and quartz, traces of zeolite (?) with characteristic negative relief and weak first-order grey birefringence, biaxial (small negative 2V) forms subhedra to 0.2 mm.

Sulfides are mostly pyrrhotite, forming ragged, corroded subhedra to 2 mm (aggregates to 5 mm) which are partly oxidized along margins, grain boundaries and fractures to bird's-eye textured, fine-grained secondary pyrite/marcasite. Traces of chalcopyrite are intergrown with pyrrhotite, but more commonly occur as filigree-like concentrations (subhedra <0.1 mm) interstitial to silicates.

In summary, this is a weakly layered skarn or calc-silicate rock composed of plagioclase-quartz-clinopyroxene (altered to amphibole-trace carbonate)-scapolite-pyrrhotite (oxidized to pyrite/marcasite)-minor chalcopyrite-accessory sphene-apatite-trace zeolite.

Overview of thin sections and offcuts (green semi-circles mark photomicrograph locations).

Appendix D

Geophysical Data
Instrumentation (Magnetometer)

GQ PROPERTY - MAGNETOMETER DATA 2007

Grid	Line	Station	Easting	Northing	Reading (γ)	Correction	Comments
D	GQ6650N	5125.0	375125	5666650	56542	56542	SE corner of clear cut, small creek
D	GQ6650N	5137.5	375138	5666650	56616	56616	
D	GQ6650N	5150.0	375150	5666650	56702	56702	
D	GQ6650N	5162.5	375163	5666650	56718	56718	
D	GQ6650N	5168.8	375169	5666650	56751	56751	
D	GQ6650N	5175.0	375175	5666650	56785	56785	Small creek
D	GQ6650N	5181.3	375181	5666650	56722	56722	
D	GQ6650N	5187.5	375188	5666650	56646	56646	
D	GQ6650N	5200.0	375200	5666650	56627	56627	
D	GQ6650N	5212.5	375213	5666650	56609	56609	
D	GQ6650N	5225.0	375225	5666650	56570	56570	
D	GQ6650N	5237.5	375238	5666650	56554	56554	
D	GQ6650N	5250.0	375250	5666650	56569	56569	
D	GQ6650N	5262.5	375263	5666650	56503	56503	
D	GQ6650N	5275.0	375275	5666650	56557	56557	
D	GQ6650N	5287.5	375288	5666650	56536	56536	
D	GQ6650N	5300.0	375300	5666650	56537	56537	Sub parallel to road
D	GQ6650N	5312.5	375313	5666650	56524	56524	Sub parallel to road
D	GQ6650N	5325.0	375325	5666650	56537	56537	Sub parallel to road
D	GQ6650N	5337.5	375338	5666650	56535	56535	
D	GQ6650N	5350.0	375350	5666650	56535	56535	
D	GQ6650N	5362.5	375363	5666650	56519	56519	
D	GQ6650N	5375.0	375375	5666650	56575	56575	Small creek/silt
D	GQ6650N	5387.5	375388	5666650	56549	56549	
D	GQ6650N	5400.0	375400	5666650	56567	56567	
D	GQ6550N	5125.0	375125	5666550	56598	56598	East edge of clear cut
D	GQ6550N	5131.3	375131	5666550	56679	56679	
D	GQ6550N	5137.5	375138	5666550	56850	56850	
D	GQ6550N	5143.8	375144	5666550	56928	56928	
D	GQ6550N	5150.0	375150	5666550	56943	56943	
D	GQ6550N	5156.3	375156	5666550	56800	56800	
D	GQ6550N	5162.5	375163	5666550	56739	56739	
D	GQ6550N	5175.0	375175	5666550	56645	56645	High extends ~50m N and 15m S of line with 57068 reading 40m south of line
D	GQ6550N	5187.5	375188	5666550	56368	56368	High extends ~50m N and 15m S of line with 57068 reading 40m south of line
D	GQ6550N	5200.0	375200	5666550	56595	56595	High extends ~50m N and 15m S of line with 57068 reading 40m south of line
D	GQ6550N	5212.5	375213	5666550	56578	56578	High extends ~50m N and 15m S of line with 57068 reading 40m south of line
D	GQ6550N	5225.0	375225	5666550	56546	56546	Major creek, abundant active sediment
D	GQ6550N	5237.5	375238	5666550	56561	56561	
D	GQ6550N	5250.0	375250	5666550	56583	56583	
D	GQ6550N	5262.5	375263	5666550	56562	56562	
D	GQ6550N	5275.0	375275	5666550	56580	56580	
D	GQ6550N	5287.5	375288	5666550	56576	56576	
D	GQ6550N	5300.0	375300	5666550	56222	56222	Small creek
D	GQ6550N	5312.5	375313	5666550	56549	56549	
D	GQ6550N	5325.0	375325	5666550	56518	56518	Small creek
D	GQ6550N	5337.5	375338	5666550	56535	56535	
D	GQ6550N	5350.0	375350	5666550	56539	56539	
D	GQ6550N	5362.5	375363	5666550	56535	56535	Small creek, no silt
D	GQ6550N	5375.0	375375	5666550	56547	56547	
D	GQ6550N	5387.5	375388	5666550	56569	56569	
D	GQ6550N	5400.0	375400	5666550	56539	56539	
D	GQ6550N	5412.5	375413	5666550	56526	56526	
D	GQ6550N	5425.0	375425	5666550	56433	56433	~25m upslope of SWB in road.
D	GQ6450N	5125.0	375125	5666450	56402	56462	
D	GQ6450N	5137.5	375138	5666450	56388	56448	
D	GQ6450N	5150.0	375150	5666450	56420	56480	
D	GQ6450N	5162.5	375163	5666450	56436	56496	
D	GQ6450N	5175.0	375175	5666450	56448	56508	
D	GQ6450N	5187.5	375188	5666450	56438	56498	Major creek at 5177
D	GQ6450N	5200.0	375200	5666450	56468	56528	
D	GQ6450N	5212.5	375213	5666450	56462	56522	
D	GQ6450N	5225.0	375225	5666450	56435	56495	
D	GQ6450N	5237.5	375238	5666450	56426	56486	Small creek, some silt

GQ PROPERTY - MAGNETOMETER DATA 2007

Grid	Line	Station	Easting	Northing	Reading (γ)	Correction	Comments
D	GQ6450N	5250.0	375250	5666450	56438	56498	
D	GQ6450N	5262.5	375263	5666450	56434	56494	
D	GQ6450N	5275.0	375275	5666450	56434	56494	Medium width creek, silt
D	GQ6450N	5287.5	375288	5666450	56388	56448	
D	GQ6450N	5300.0	375300	5666450	56412	56472	
D	GQ6450N	5312.5	375313	5666450	56409	56469	Small creek
D	GQ6450N	5325.0	375325	5666450	56405	56465	
D	GQ6450N	5337.5	375338	5666450	56391	56451	
D	GQ6450N	5350.0	375350	5666450	56413	56473	
D	GQ6450N	5362.5	375363	5666450	56412	56472	
D	GQ6450N	5375.0	375375	5666450	56420	56480	
D	GQ6450N	5387.5	375388	5666450	56421	56481	
D	GQ6450N	5400.0	375400	5666450	56402	56462	
D	GQ6450N	5412.5	375413	5666450	56457	56517	
D	GQ6450N	5425.0	375425	5666450	56408	56468	Major creek at 5440
SE	GQ5850N	5025.0	375025	5665850	56565	56565	Clear cut
SE	GQ5850N	5037.5	375038	5665850	56532	56532	Clear cut
SE	GQ5850N	5050.0	375050	5665850	56557	56557	Clear cut
SE	GQ5850N	5062.5	375063	5665850	56575	56575	Clear cut
SE	GQ5850N	5075.0	375075	5665850	56502	56502	Clear cut
SE	GQ5850N	5087.5	375088	5665850	56521	56521	Clear cut
SE	GQ5850N	5100.0	375100	5665850	56536	56536	
SE	GQ5850N	5125.0	375125	5665850	56416	56416	Possible culvert influence
SE	GQ5850N	5137.5	375138	5665850	56468	56468	
SE	GQ5850N	5150.0	375150	5665850	56506	56506	Lge rusty peg/gneiss boulders on edge of road
SE	GQ5850N	5162.5	375163	5665850	56547	56547	on road
SE	GQ5850N	5175.0	375175	5665850	56528	56528	
SE	GQ5850N	5187.5	375188	5665850	56501	56501	
SE	GQ5850N	5200.0	375200	5665850	56477	56477	
SE	GQ5850N	5212.5	375213	5665850	56502	56502	
SE	GQ5850N	5225.0	375225	5665850	56526	56526	Base of small cliffs
SE	GQ5850N	5237.5	375238	5665850	56545	56545	Road
SE	GQ5850N	5250.0	375250	5665850	56452	56452	Culvert
SE	GQ5850N	5262.5	375263	5665850	56451	56451	
SE	GQ5850N	5275.0	375275	5665850	56458	56458	Talus/boulders from road cut above. Rusty pegmatite/gneiss/schist
SE	GQ5850N	5287.5	375288	5665850	56480	56480	Talus/boulders from road cut above. Rusty pegmatite/gneiss/schist
SE	GQ5850N	5300.0	375300	5665850	56436	56436	Talus/boulders from road cut above. Rusty pegmatite/gneiss/schist
SE	GQ5850N	5312.5	375313	5665850	56430	56430	Creek
SE	GQ5850N	5325.0	375325	5665850	56442	56442	Creek
SE	GQ5850N	5337.5	375338	5665850	56452	56452	
SE	GQ5850N	5350.0	375350	5665850	56467	56467	
SE	GQ5850N	5362.5	375363	5665850	56469	56469	
SE	GQ5850N	5375.0	375375	5665850	56485	56485	
SE	GQ5850N	5400.0	375400	5665850	56489	56489	
SE	GQ5850N	5412.5	375413	5665850	56478	56478	
SE	GQ5850N	5425.0	375425	5665850	56470	56470	
SE	GQ5750N	5025.0	375025	5665750	56477	56477	Major creek
SE	GQ5750N	5037.5	375038	5665750	56494	56494	Snow
SE	GQ5750N	5050.0	375050	5665750	56518	56518	Snow
SE	GQ5750N	5062.5	375063	5665750	56486	56486	
SE	GQ5750N	5075.0	375075	5665750	56469	56469	4-7m peg/gneiss boulders
SE	GQ5750N	5087.5	375088	5665750	56509	56509	4-7m peg/gneiss boulders
SE	GQ5750N	5100.0	375100	5665750	56534	56534	
SE	GQ5750N	5112.5	375113	5665750	56595	56595	Snow
SE	GQ5750N	5125.0	375125	5665750	56542	56542	
SE	GQ5750N	5137.5	375138	5665750	56552	56552	Creek
SE	GQ5750N	5150.0	375150	5665750	56519	56519	
SE	GQ5750N	5162.5	375163	5665750	56522	56522	
SE	GQ5750N	5175.0	375175	5665750	56521	56521	
SE	GQ5750N	5187.5	375188	5665750	56499	56499	
SE	GQ5750N	5200.0	375200	5665750	56459	56459	
SE	GQ5750N	5212.5	375213	5665750	56398	56398	
SE	GQ5750N	5225.0	375225	5665750	56317	56317	

GQ PROPERTY - MAGNETOMETER DATA 2007

Grid	Line	Station	Easting	Northing	Reading (γ)	Correction	Comments
SE	GQ5750N	5237.5	375238	5665750	56426	56426	
SE	GQ5750N	5250.0	375250	5665750	56533	56533	
SE	GQ5750N	5262.5	375263	5665750	56517	56517	
SE	GQ5750N	5275.0	375275	5665750	56583	56583	
SE	GQ5750N	5287.5	375288	5665750	56466	56466	
SE	GQ5750N	5300.0	375300	5665750	56583	56583	Major creek at 5297
SE	GQ5750N	5312.5	375313	5665750	56478	56478	Creek
SE	GQ5750N	5325.0	375325	5665750	56385	56385	
SE	GQ5750N	5337.5	375338	5665750	56365	56365	
SE	GQ5750N	5343.8	375344	5665750	56394	56394	
SE	GQ5750N	5350.0	375350	5665750	56470	56470	Cliffs - very rusty - check out
SE	GQ5750N	5362.5	375363	5665750	56430	56430	Cliffs - very rusty - check out
SE	GQ5750N	5375.0	375375	5665750	56479	56479	Cliffs - very rusty - check out
SE	GQ5750N	5387.5	375388	5665750	56507	56507	
SE	GQ5750N	5400.0	375400	5665750	56478	56478	
SE	GQ5750N	5412.5	375413	5665750	56496	56496	Creek
SE	GQ5750N	5425.0	375425	5665750	56541	56541	
AB	GQ6650N	5850.0	375850	5666650	56588	56588	
AB	GQ6650N	5862.5	375863	5666650	56582	56582	
AB	GQ6650N	5875.0	375875	5666650	56560	56560	
AB	GQ6650N	5887.5	375888	5666650	56561	56561	
AB	GQ6650N	5900.0	375900	5666650	56565	56565	
AB	GQ6650N	5912.5	375913	5666650	56570	56570	
AB	GQ6650N	5925.0	375925	5666650	56560	56560	
AB	GQ6650N	5937.5	375938	5666650	56567	56567	
AB	GQ6650N	5950.0	375950	5666650	56491	56491	Junction Spur A/B
AB	GQ6650N	5962.5	375963	5666650	56590	56590	
AB	GQ6650N	5975.0	375975	5666650	56577	56577	
AB	GQ6650N	5987.5	375988	5666650	56600	56600	
AB	GQ6650N	6000.0	376000	5666650	56603	56603	
AB	GQ6650N	6012.5	376013	5666650	56575	56575	
AB	GQ6650N	6025.0	376025	5666650	56599	56599	
AB	GQ6650N	6037.5	376038	5666650	56588	56588	
AB	GQ6650N	6050.0	376050	5666650	56583	56583	
AB	GQ6650N	6062.5	376063	5666650	56589	56589	Steep west slope
AB	GQ6650N	6075.0	376075	5666650	56596	56596	Steep west slope
AB	GQ6650N	6087.5	376088	5666650	56590	56590	Steep west slope
AB	GQ6650N	6100.0	376100	5666650	56555	56555	Steep west slope
AB	GQ6700N	5850.0	375850	5666700	56593	56593	Mossy, old growth moderately steep w. slope
AB	GQ6700N	5862.5	375863	5666700	56597	56597	Mossy, old growth moderately steep w. slope
AB	GQ6700N	5875.0	375875	5666700	56593	56593	
AB	GQ6700N	5887.5	375888	5666700	56570	56570	Lge, white sub-rounded peg boulders
AB	GQ6700N	5900.0	375900	5666700	56561	56561	
AB	GQ6700N	5912.5	375913	5666700	56571	56571	
AB	GQ6700N	5925.0	375925	5666700	56577	56577	
AB	GQ6700N	5937.5	375938	5666700	56582	56582	
AB	GQ6700N	5950.0	375950	5666700	56572	56572	
AB	GQ6700N	5962.5	375963	5666700	56595	56595	Spur B road centreline
AB	GQ6700N	5975.0	375975	5666700	56597	56597	
AB	GQ6700N	5987.5	375988	5666700	56592	56592	
AB	GQ6700N	6000.0	376000	5666700	56580	56580	Spur A 5995
AB	GQ6700N	6012.5	376013	5666700	56589	56589	
AB	GQ6700N	6025.0	376025	5666700	56610	56610	
AB	GQ6700N	6037.5	376038	5666700	56593	56593	
AB	GQ6700N	6050.0	376050	5666700	56569	56569	
AB	GQ6700N	6062.5	376063	5666700	56573	56573	
AB	GQ6700N	6075.0	376075	5666700	56580	56580	Small creek, very coarse boulders; silt unlikely
AB	GQ6700N	6087.5	376088	5666700	56580	56580	
AB	GQ6700N	6100.0	376100	5666700	56586	56586	
AB	GQ6750N	5850.0	375850	5666750	56523	56523	
AB	GQ6750N	5862.5	375863	5666750	56540	56540	
AB	GQ6750N	5875.0	375875	5666750	56548	56548	
AB	GQ6750N	5887.5	375888	5666750	56564	56564	Silt sample possible in small creek south of line

GQ PROPERTY - MAGNETOMETER DATA 2007

Grid	Line	Station	Easting	Northing	Reading (γ)	Correction	Comments
AB	GQ6750N	5900.0	375900	5666750	56553	56553	
AB	GQ6750N	5912.5	375913	5666750	56560	56560	
AB	GQ6750N	5925.0	375925	5666750	56565	56565	Small spring emanating near station
AB	GQ6750N	5937.5	375938	5666750	56570	56570	
AB	GQ6750N	5950.0	375950	5666750	56587	56587	
AB	GQ6750N	5962.5	375963	5666750	56587	56587	
AB	GQ6750N	5975.0	375975	5666750	56570	56570	
AB	GQ6750N	5987.5	375988	5666750	56566	56566	
AB	GQ6750N	6000.0	376000	5666750	56389	56389	Culvert
AB	GQ6750N	6012.5	376013	5666750	56560	56560	
AB	GQ6750N	6025.0	376025	5666750	56555	56555	
AB	GQ6750N	6037.5	376038	5666750	56530	56530	
AB	GQ6750N	6050.0	376050	5666750	56541	56541	
AB	GQ6750N	6062.5	376063	5666750	56546	56546	
AB	GQ6750N	6075.0	376075	5666750	56558	56558	
AB	GQ6750N	6087.5	376088	5666750	56560	56560	
AB	GQ6750N	6100.0	376100	5666750	56548	56548	
AB	GQ6800N	5850.0	375850	5666800	56502	56502	
AB	GQ6800N	5862.5	375863	5666800	56493	56493	Following 1m wide creek
AB	GQ6800N	5875.0	375875	5666800	56525	56525	
AB	GQ6800N	5887.5	375888	5666800	56540	56540	
AB	GQ6800N	5900.0	375900	5666800	56535	56535	
AB	GQ6800N	5912.5	375913	5666800	56540	56540	
AB	GQ6800N	5925.0	375925	5666800	56536	56536	
AB	GQ6800N	5937.5	375938	5666800	56560	56560	
AB	GQ6800N	5950.0	375950	5666800	56554	56554	
AB	GQ6800N	5962.5	375963	5666800	56541	56541	
AB	GQ6800N	5975.0	375975	5666800	56551	56551	
AB	GQ6800N	5987.5	375988	5666800	56554	56554	Spur B centreline @ 5987.5
AB	GQ6800N	6000.0	376000	5666800	56530	56530	
AB	GQ6800N	6012.5	376013	5666800	56553	56553	
AB	GQ6800N	6025.0	376025	5666800	56548	56548	
AB	GQ6800N	6037.5	376038	5666800	56548	56548	
AB	GQ6800N	6050.0	376050	5666800	56545	56545	
AB	GQ6800N	6062.5	376063	5666800	56548	56548	
AB	GQ6800N	6075.0	376075	5666800	56560	56560	
AB	GQ6800N	6087.5	376088	5666800	56540	56540	
AB	GQ6800N	6100.0	376100	5666800	56540	56540	Spur A crossing @ ~6120
AB	GQ6850N	5850.0	375850	5666850	56517	56517	
AB	GQ6850N	5862.5	375863	5666850	56523	56523	
AB	GQ6850N	5875.0	375875	5666850	56534	56534	
AB	GQ6850N	5887.5	375888	5666850	56541	56541	
AB	GQ6850N	5900.0	375900	5666850	56522	56522	
AB	GQ6850N	5912.5	375913	5666850	56543	56543	
AB	GQ6850N	5925.0	375925	5666850	56565	56565	
AB	GQ6850N	5937.5	375938	5666850	56569	56569	
AB	GQ6850N	5950.0	375950	5666850	56523	56523	Parallel to creek. Line N of creek
AB	GQ6850N	5962.5	375963	5666850	56404	56404	Culvert influence. ~8m away
AB	GQ6850N	5987.5	375988	5666850	56520	56520	~15m E of 6' culvert
AB	GQ6850N	6000.0	376000	5666850	56538	56538	South bank of major creek
AB	GQ6850N	6012.5	376013	5666850	56548	56548	
AB	GQ6850N	6025.0	376025	5666850	56573	56573	~3m south of major creek
AB	GQ6850N	6037.5	376038	5666850	56557	56557	~5m south of major creek
AB	GQ6850N	6050.0	376050	5666850	56568	56568	
AB	GQ6850N	6062.5	376063	5666850	56532	56532	Cross claim line (N-S) at 6059
AB	GQ6850N	6075.0	376075	5666850	56535	56535	
AB	GQ6850N	6087.5	376088	5666850	56538	56538	
AB	GQ6850N	6100.0	376100	5666850	56549	56549	Several 2-5m boulders of pegmatitic material
AB	GQ6900N	5850.0	375850	5666900	56547	56547	
AB	GQ6900N	5862.5	375863	5666900	56560	56560	
AB	GQ6900N	5875.0	375875	5666900	56555	56555	
AB	GQ6900N	5887.5	375888	5666900	56543	56543	
AB	GQ6900N	5900.0	375900	5666900	56541	56541	Small creek; silt

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Grid	Line	Station	Easting	Northing	Reading (γ)	Correction	Comments
AB	GQ6900N	5912.5	375913	5666900	56499	56499	Suspect culvert influence,
AB	GQ6900N	5925.0	375925	5666900	56581	56581	Spur B at 5928
AB	GQ6900N	5937.5	375938	5666900	56579	56579	
AB	GQ6900N	5950.0	375950	5666900	56527	56527	
AB	GQ6900N	5962.5	375963	5666900	56561	56561	
AB	GQ6900N	5975.0	375975	5666900	56550	56550	
AB	GQ6900N	5987.5	375988	5666900	56542	56542	
AB	GQ6900N	6000.0	376000	5666900	56580	56580	
AB	GQ6900N	6012.5	376013	5666900	56555	56555	
AB	GQ6900N	6025.0	376025	5666900	56563	56563	
AB	GQ6900N	6037.5	376038	5666900	56554	56554	Lge metamorphic boulders Pegmatite-minor gneiss/schist
AB	GQ6900N	6050.0	376050	5666900	56578	56578	
AB	GQ6900N	6062.5	376063	5666900	56570	56570	Rusty gneiss/peg boulders
AB	GQ6900N	6075.0	376075	5666900	56555	56555	
AB	GQ6900N	6087.5	376088	5666900	56567	56567	
AB	GQ6900N	6100.0	376100	5666900	56548	56548	North side of lge creek
AB	GQ6950N	5850.0	375850	5666950	56555	56555	
AB	GQ6950N	5862.5	375863	5666950	56567	56567	Road centre line
AB	GQ6950N	5875.0	375875	5666950	56520	56520	Upper cut bank of Spur B
AB	GQ6950N	5887.5	375888	5666950	56549	56549	
AB	GQ6950N	5900.0	375900	5666950	56567	56567	
AB	GQ6950N	5912.5	375913	5666950	56565	56565	
AB	GQ6950N	5925.0	375925	5666950	56605	56605	
AB	GQ6950N	5937.5	375938	5666950	56590	56590	Small creek at 5937
AB	GQ6950N	5950.0	375950	5666950	56581	56581	Rusty gneiss/schist boulders
AB	GQ6950N	5962.5	375963	5666950	56590	56590	Rusty gneiss/schist boulders
AB	GQ6950N	5975.0	375975	5666950	56566	56566	
AB	GQ6950N	5987.5	375988	5666950	56566	56566	
AB	GQ6950N	6000.0	376000	5666950	56565	56565	
AB	GQ6950N	6012.5	376013	5666950	56565	56565	
AB	GQ6950N	6025.0	376025	5666950	56536	56536	Small creek; silt marginal
AB	GQ6950N	6037.5	376038	5666950	56550	56550	
AB	GQ6950N	6050.0	376050	5666950	56572	56572	
AB	GQ6950N	6062.5	376063	5666950	56570	56570	
AB	GQ6950N	6075.0	376075	5666950	56550	56550	
AB	GQ6950N	6087.5	376088	5666950	56553	56553	
AB	GQ6950N	6100.0	376100	5666950	56530	56530	
AB	GQ7000N	5500.0	375500	5667000	56560	56560	
AB	GQ7000N	5512.5	375513	5667000	56572	56572	
AB	GQ7000N	5525.0	375525	5667000	56570	56570	
AB	GQ7000N	5537.5	375538	5667000	56566	56566	
AB	GQ7000N	5550.0	375550	5667000	56567	56567	
AB	GQ7000N	5562.5	375563	5667000	56564	56564	
AB	GQ7000N	5575.0	375575	5667000	56560	56560	
AB	GQ7000N	5587.5	375588	5667000	56553	56553	
AB	GQ7000N	5600.0	375600	5667000	56509	56509	
AB	GQ7000N	5612.5	375613	5667000	56534	56534	White peg/gneiss boulders<rust
AB	GQ7000N	5625.0	375625	5667000	56548	56548	White peg/gneiss boulders<rust
AB	GQ7000N	5637.5	375638	5667000	56602	56602	
AB	GQ7000N	5650.0	375650	5667000	56598	56598	
AB	GQ7000N	5662.5	375663	5667000	56603	56603	
AB	GQ7000N	5675.0	375675	5667000	56686	56686	Coarse brown peg/rusty amph/peg rusty
AB	GQ7000N	5687.5	375688	5667000	56604	56604	
AB	GQ7000N	5700.0	375700	5667000	56610	56610	
AB	GQ7000N	5712.5	375713	5667000	56587	56587	
AB	GQ7000N	5725.0	375725	5667000	56592	56592	*mineralization
AB	GQ7000N	5737.5	375738	5667000	56539	56539	West edge of road
AB	GQ7000N	5750.0	375750	5667000	56580	56580	Road centre line
AB	GQ7050N	5500.0	375500	5667050	56565	56565	
AB	GQ7050N	5512.5	375513	5667050	56575	56575	
AB	GQ7050N	5525.0	375525	5667050	56573	56573	
AB	GQ7050N	5537.5	375538	5667050	56557	56557	
AB	GQ7050N	5550.0	375550	5667050	56548	56548	

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Grid	Line	Station	Easting	Northing	Reading (γ)	Correction	Comments
AB	GQ7050N	5562.5	375563	5667050	56554	56554	
AB	GQ7050N	5575.0	375575	5667050	56560	56560	
AB	GQ7050N	5587.5	375588	5667050	56583	56583	
AB	GQ7050N	5600.0	375600	5667050	56588	56588	
AB	GQ7050N	5612.5	375613	5667050	56572	56572	
AB	GQ7050N	5625.0	375625	5667050	56573	56573	
AB	GQ7050N	5637.5	375638	5667050	56583	56583	
AB	GQ7050N	5650.0	375650	5667050	56575	56575	
AB	GQ7050N	5662.5	375663	5667050	56581	56581	
AB	GQ7050N	5687.5	375688	5667050	56561	56561	
AB	GQ7050N	5700.0	375700	5667050	56538	56538	
AB	GQ7050N	5712.5	375713	5667050	56543	56543	
AB	GQ7050N	5725.0	375725	5667050	56557	56557	
AB	GQ7050N	5737.5	375738	5667050	56597	56597	
AB	GQ7050N	5750.0	375750	5667050	56452	56452	
AB	GQ7050N	5762.5	375763	5667050	56591	56591	
AB	GQ7050N	5775.0	375775	5667050	56620	56620	
AB	GQ7050N	5787.5	375788	5667050	56588	56588	
AB	GQ7050N	5800.0	375800	5667050	56590	56590	
AB	GQ7050N	5812.5	375813	5667050	56703	56703	
AB	GQ7050N	5825.0	375825	5667050	56580	56580	
AB	GQ7050N	5837.5	375838	5667050	56551	56551	Small ck, no silt or minor silt only
AB	GQ7050N	5850.0	375850	5667050	56571	56571	
AB	GQ7050N	5862.5	375863	5667050	56565	56565	Small ck no silt
AB	GQ7050N	5875.0	375875	5667050	56569	56569	
AB	GQ7050N	5887.5	375888	5667050	56561	56561	1 m creek blow down
AB	GQ7050N	5900.0	375900	5667050	56573	56573	Sight to upper spur
AB	GQ7050N	5912.5	375913	5667050	56598	56598	Blow down
AB	GQ7050N	5925.0	375925	5667050	56577	56577	Blow down
AB	GQ7050N	5937.5	375938	5667050	56578	56578	Blow down
AB	GQ7050N	5950.0	375950	5667050	56560	56560	Blow down
AB	GQ7050N	5962.5	375963	5667050	56556	56556	Blow down
AB	GQ7050N	5975.0	375975	5667050	56587	56587	Medium ck - silt
AB	GQ7050N	5987.5	375988	5667050	56572	56572	Blow down
AB	GQ7050N	6000.0	376000	5667050	56567	56567	Blow down
AB	GQ7050N	6012.5	376013	5667050	56584	56584	
AB	GQ7050N	6025.0	376025	5667050	56569	56569	
AB	GQ7050N	6037.5	376038	5667050	56535	56535	Spoil from road
AB	GQ7050N	6050.0	376050	5667050	56544	56544	
AB	GQ7050N	6056.3	376056	5667050	56503	56563	
AB	GQ7050N	6062.5	376063	5667050	56501	56561	
AB	GQ7050N	6075.0	376075	5667050	56472	56532	
AB	GQ7050N	6087.5	376088	5667050	56508	56568	Lge boulder field
AB	GQ7050N	6100.0	376100	5667050	56474	56534	Lge boulder field
AB	GQ7100N	5500.0	375500	5667100	56464	56524	
AB	GQ7100N	5512.5	375513	5667100	56463	56523	Ck, good exposure
AB	GQ7100N	5525.0	375525	5667100	56484	56544	
AB	GQ7100N	5537.5	375538	5667100	56468	56528	
AB	GQ7100N	5550.0	375550	5667100	56485	56545	
AB	GQ7100N	5562.5	375563	5667100	56459	56519	
AB	GQ7100N	5575.0	375575	5667100	56426	56486	
AB	GQ7100N	5587.5	375588	5667100	56445	56505	
AB	GQ7100N	5600.0	375600	5667100	56469	56529	
AB	GQ7100N	5612.5	375613	5667100	56450	56510	Spur B crossing
AB	GQ7100N	5625.0	375625	5667100	56562	56622	
AB	GQ7100N	5637.5	375638	5667100	56470	56530	
AB	GQ7100N	5650.0	375650	5667100	56494	56554	
AB	GQ7100N	5662.5	375663	5667100	56480	56540	
AB	GQ7100N	5675.0	375675	5667100	56500	56560	
AB	GQ7100N	5687.5	375688	5667100	56499	56559	
AB	GQ7100N	5700.0	375700	5667100	56482	56542	
AB	GQ7100N	5712.5	375713	5667100	56461	56521	
AB	GQ7100N	5725.0	375725	5667100	56498	56558	Pegmatite boulders

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Grid	Line	Station	Easting	Northing	Reading (γ)	Correction	Comments
AB	GQ7100N	5737.5	375738	5667100	56492	56552	Pegmatite boulders
AB	GQ7100N	5750.0	375750	5667100	56510	56570	
AB	GQ7100N	5762.5	375763	5667100	56511	56571	
AB	GQ7100N	5775.0	375775	5667100	56514	56574	
AB	GQ7100N	5787.5	375788	5667100	56505	56565	
AB	GQ7100N	5800.0	375800	5667100	56500	56560	
AB	GQ7100N	5812.5	375813	5667100	56495	56555	
AB	GQ7100N	5825.0	375825	5667100	56480	56540	
AB	GQ7100N	5837.5	375838	5667100	56474	56534	
AB	GQ7100N	5850.0	375850	5667100	56543	56603	
AB	GQ7100N	5862.5	375863	5667100	56521	56581	
AB	GQ7100N	5875.0	375875	5667100	56492	56552	
AB	GQ7100N	5887.5	375888	5667100	56509	56569	
AB	GQ7100N	5900.0	375900	5667100	56500	56560	
AB	GQ7100N	5912.5	375913	5667100	56502	56562	Creek, peg/amph
AB	GQ7100N	5925.0	375925	5667100	56492	56552	
AB	GQ7100N	5937.5	375938	5667100	56489	56549	
AB	GQ7100N	5950.0	375950	5667100	56495	56555	Road spoil, peg/amph
AB	GQ7100N	5962.5	375963	5667100	56490	56550	Road spoil, peg/amph
AB	GQ7100N	5975.0	375975	5667100	56508	56568	Spur A at 5978
AB	GQ7100N	5987.5	375988	5667100	56515	56575	
AB	GQ7100N	6000.0	376000	5667100	56488	56548	
AB	GQ7100N	6012.5	376013	5667100	56475	56535	
AB	GQ7100N	6025.0	376025	5667100	56458	56518	Very steep west side hill
AB	GQ7100N	6037.5	376038	5667100	56464	56524	Very steep west side hill
AB	GQ7100N	6050.0	376050	5667100	56467	56527	Very steep west side hill
AB	GQ7100N	6062.5	376063	5667100	56471	56531	Very steep west side hill
AB	GQ7100N	6075.0	376075	5667100	56461	56521	Very steep west side hill
AB	GQ7100N	6087.5	376088	5667100	56478	56538	
AB	GQ7100N	6100.0	376100	5667100	56494	56554	

GEOMETRICS G 816 PORTABLE PROTON MAGNETOMETER

Sensitivity: ±gamma throughout range

Range: 20,000 to 90,000 gammas (worldwide)

Tuning: Multi-position switch with signal amplitude indicator light on display

Gradient Tolerance: Exceeds 150 gammas/ft

Sampling Rate: Manual push-button, one reading each 6 seconds

Output; 5 digit numeric display with readout directly in gammas

Power Requirements: Twelve self-contained 1.5 volt "O" cell, universally available flashlight-type batteries. Charge state or replacement signified by flashing indicator light on display

Battery Type	Number of Readings
Alkaline	over 10,000
Premium Carbon Zinc	over 4,000
Standard Flashlight	over 1,500

Note: Battery life decreases with temperature

Temperature Range: Console and sensor: -40° to 85°C
Battery Pack: 0° to +50°C (limited use to –15°); lower temperature operation-optional

Accuracy (Total Field): ± gamma through 0° to 50°C temperature range

Sensor: High signal, noise cancelling, interchangeably mounted on separate staff or attached to carrying harness

Size: Console: 3.5 x 7 x 10.5 in (9 x 18 x 27 cm)
Sensor: 4.5 x 6 inches (11 x 15 cm)
Staff: 1 inch diameter x 8 ft length (3 cm x 2.44 m)

Weight:

	Lbs.	**Kgs.**
Console (w/batteries:	5.5	2.4
Sensor & signal cable:	4.0	1.8
Aluminum staff:	2.0	0.9
Total:	11.5	5.1

APPENDIX E
Personnel

Geoquest Consulting Ltd.

Field:	W. Gruenwald, P. Geo. (Jun 9, 16-18, Sep 4, 5, 2007)	5½ days
	R. Montgomery, B. Sc. (Jun 16-18, 2007)	3 days
Office:	W. Gruenwald, P. Geo. (Jun 11-Dec 16, 2007)	7 days
	E. Gruenwald, Data Compilation, Map Preparation (Jun 11-Dec 16, 2007)	39 ½ hours

Hendex Exploration Services Ltd.

	Jack Zackodnik Brent Meseros June 16-18, September 4-5, 2007	12 man days

APPENDIX F
Statement of Expenditures

Consulting Fees/Contractor		
Program Preparation (Geoquest Consulting)	$ 572	
Geoquest Consulting Ltd.	5,247	
Hendex Exploration Services Inc.	4,878	$10,697
Analytical Costs		
Acme Analytical, Vancouver, B.C.	7,171	
Vancouver Petrographics	1,076	8,247
Equipment Rental		
Field radios, Geophysical Equipment		425
Room and Board		1,365
Vehicle Costs		
Geoquest Consulting Ltd.	1,228	
Hendex Exploration Services Inc.	793	2,021
Supplies (Sampling supplies)		223
Freight (Greyhound)		197
Report Compilation		
Labour (Authoring/Drafting)	5,554	
Map printing, photocopies, binding	174	5,728
	TOTAL:	**$28,903**

APPENDIX G

REFERENCES

Cathro, M.S. and Lefebure, D.V. (2000)	Several New Plutonic related Gold, Bismuth and Tungsten Occurrences in Southern BC Geological Field Work, 1999; Paper 2000-1
Gruenwald, W. (2007)	Geochemical and Geological Assessment Report on the GQ Property. (AR 26423).
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Lefebure, D.V., Hart, C. (2005)	Plutonic-Related Au Quartz Veins & Veinlets L02
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Northcote, K.E. (2000)	Petrographic Report on samples SCS 10+25R and WP-032R.
Okulitch, A.V. (1984)	The role of the Shuswap Metamorphic Complex in Cordilleran Tectonism: a review; Canadian Journal of Earth Sciences, Volume 16, pages 1171-1193
Smith, M. et al (1999)	Geology of the Liese Zone, Pogo Property, East-Central Alaska; SEG Newsletter – Number 38

APPENDIX H

CERTIFICATE

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 a fellow of the Geological Association of Canada (F2958)
4. I am employed as consulting geologist and president of Geoquest Consulting Ltd., Vernon, B.C.
5. I have practiced continuously as a Geologist for the past 34 years in western Canada and the US.
6. I supervised the 2007 exploration program on the GQ property.

W. Gruenwald, P. Geo.
Dated: December 16, 2007

375500 m | 376000 m | 376500 m | 377000 m | 377500 m

5671500 m | 5671000 m | 5670500 m | 5670000 m | 5669500 m | 5669000 m

N

W E

S

Map Datum (Zone 11)
North American 1983 (Canada)
Map No. 82M.017
True N is 1.32° E of UTM Grid N
Magnetic Declination: 17°44'E

Third Creek

GQN2 SPUR

GQN1 SPUR

GQ07-19 2
GQ07-20 30
GQ07-21 1
GQ07-22 5
GQ07-23 25
GQ07-24 4
GQ07-25 1
GQ07-26 1
GQ07-27 3
GQ07-28 1
GQ07-29 1
GQ07-30 <1
GQ07-31 1
GQ07-32 1
GQ07-33 1
GQ07-34 2
GQ07-35 2
GQN1-R 2+50 1
GQN1-R 8+30 1
GQN1-R 13+65 1
GQN1-R 13+85 1

0+00 | 5+00 | 10+00 | 15+00 | 20+00 | 25+00

55° | 60° | 50° | 70°

1200 | 1300

LEGEND

- Logging Road
- Property Boundary
- Trend of Mineralized Calc-Silicate Horizon

Sampling

- Rock Sample - Float
- Rock Sample - Bedrock
- Soil Sample

Gold Categories (Rock)

- <10 ppb Au
- 10-25 ppb Au
- 25-50 ppb Au
- 50-500 ppb Au
- >500 ppb Au

Gold Categories (Soil)

- <3 ppb Au
- 3-8 ppb Au
- 8-15 ppb Au
- >15 ppb Au

0 Scale: 1:5000 500 m

American Goldrush Corp.

Rock and Soil Geochemical Plan

GOLD

GQ PROPERTY (NORTH)

Tech Work by: GEOQUEST
Drawn by: EG

Date: December, 2007
Figure: 6e

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

374000 m | 374500 m | 375000 m | 375500 m | 376000 m | 376500 m

5667500 m | 5667000 m | 5666500 m | 5666000 m | 5665500 m

N
W E
S

Map Datum (Zone 11)
North American 1983 (Canada)
Map No. 82M.017
True N is 1.32° E of UTM Grid N
Magnetic Declination: 17°44'E

SW Trend
Spur D Trend
Spur B Trend
Spur A-B Trend
Second Creek Main
Second Creek South Road
SW Showing
SE Showing
Tungsten Showings
Granite and Pegmatite
Gneiss and Pegmatite
Gneiss, Minor Marble, Calc-Silicate
SPUR A-B
SPUR D
NE "Spur"
"Spur B"
"Spur C"
"Spur D"
"Spur E"
"Spur F"
Gneiss
Gneiss
Gneiss

WP 023R 225.0
WP 025R 11.2
WP 029R <0.1
WP 032R 91.2
WP 104R 3.1
WP 105R 1.9
PR 46R 11.8
SCB 13+53R 66.2
SCB 08+12R 80.1
SCB 07+94R 2.3
SCA 08+31R 159.0
SCS 10+25R 156.0
SCD 10+99R 43.9

GQ06-04 2.7
GQ06-05 2.1
GQ06-06 0.4
GQ06-07 786.0
GQ06-08 2.7
GQ06-09 4.1
GQ06-11 3.2
GQ06-13 2.3
GQ06-14 1.3
GQ06-15 63.6
GQ06-18 20.0
GQ06-19 198.1
GQ06-20 123.1
GQ06-22 5.7
GQ06-24 4.6
GQ07-01 2.6
GQ07-02 2.4
GQ07-03 7.2
GQ07-04 0.9
GQ07-05 2.8
GQ07-06 3.9
GQ07-07 0.9
GQ07-08 3.4
GQ07-09 2.5
GQ07-10 2.1
GQ07-11 1.8
GQ07-12 2.8
GQ07-13 1.3
GQ07-14 14.1
GQ07-15 25.1
GQ07-16 51.8
GQ07-17 3.9
GQ07-18 4.3

GQ6450N | GQ6500N | GQ6550N | GQ6600N | GQ6650N | GQ6700N | GQ6750N | GQ6800N | GQ6850N | GQ6900N | GQ6950N | GQ7000N | GQ7050N | GQ7100N | GQ5750N | GQ5850N

5125E | 5425E | 5500E | 5850E | 6100E | 5025E | 5425E

1400 | 1500 | 1600 | 1700

LEGEND

- Logging Road
- Property Boundary
- Trend of Mineralized Calc-Silicate Horizon

Sampling
- Rock Sample - Float
- Rock Sample - Bedrock
- Soil Sample

Bismuth Categories (Rock)
- <5 ppm Bi
- 5-10 ppm Bi
- 10-20 ppm Bi
- 20-50 ppm Bi
- >50 ppm Bi

Bismuth Categories (Soil and Stream)
- <0.5 ppm Bi
- 0.5-1.0 ppm Bi
- 1.0-2.0 ppm Bi
- >2.0 ppm Bi

Scale: 1:5000
0 500 m

American Goldrush Corp.

Rock and Soil Geochemical Plan
BISMUTH
GQ PROPERTY (SOUTH)

Tech Work by: GEOQUEST
Drawn by: EG
Date: December, 2007
Figure: 6b

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

374000 m | 374500 m | 375000 m | 375500 m | 376000 m | 376500 m

5667500 m | 5667000 m | 5666500 m | 5666000 m | 5665500 m

N
W E
S

Map Datum (Zone 11)
North American 1983 (Canada)
Map No. 82M.017
True N is 1.32° E of UTM Grid N
Magnetic Declination: 17°44'E

SW Trend
SW Showing
WP 023R 11.2
52°
Granite and Pegmatite
"Second Creek South Road"
55°
Granite and Pegmatite
"Spur D"
50°
GQ06-08 0.2
GQ06-07 0.2
GQ06-06 39.0
SCD 10+99R 6.5
GQ06-04 0.8
GQ06-05 <0.1
45°
SPUR D
Gneiss
1300
Spur D Trend
Spur B Trend
?
?
65°
GQ06-24 1.0
Gneiss
55°
WP 104R 0.5
"Spur C"
80°
"Spur B"
42°
WP 029R <0.1
WP 106R 1.0
Tungsten Showings
NE "Spur A"
GQ06-19 6.2
SCB 13+53R 5.0
WP 032R 7.3
44°
GQ06-18 11.0
GQ06-20 0.1
40°
GQ-07-02 0.7
GQ-07-01 1.3
Gneiss
GQ-07-03 0.9
GQ-07-04 0.1
GQ06-15 0.5
GQ06-14 4.7
GQ-07-05 0.5
GQ-07-06 0.3
GQ06-13 0.1
SPUR A-B
GQ-07-08 0.3
GQ-07-07 0.4
GQ-07-09 0.4
GQ-07-10 1.1
GQ-07-12 0.6
GQ-07-13 0.1
GQ-07-11 0.2
GQ-07-14 1.8
GQ06-22 <0.1
SCA 08+31R 16.8
SCB 08+12R 10.8
GQ06-11 0.1
SCB 07+94R 0.5
1400
75°
"Second Creek Main"
Second Creek
Spur A-B Trend
?
5+00
Gneiss and Pegmatite
GQ06-09 0.1
1500
1600
1700
"Spur E"
PR 46R 0.7
GQ-07-16 4.9
GQ-07-15 1.7
70°
SCS 10+25R 16.4
SE Showing
50°
WP 025R 1.4
GQ-07-18 1.2
GQ-07-17 0.1
35°
Gneiss, Minor Marble, Calc-Silicate

LEGEND

- Logging Road
- Property Boundary
- Trend of Mineralized Calc-Silicate Horizon

Sampling

- Rock Sample - Float
- Rock Sample - Bedrock

Tellerium Categories (Rock)

- <0.5 ppm Te
- 0.5-1.0 ppm Te
- 1.0-2.0 ppm Te
- 2.0-20.0 ppm Te
- >20 ppm Te

Scale: 1:5000

0 500 m

American Goldrush Corp.

Rock Geochemical Plan

TELLERIUM

GQ PROPERTY (SOUTH)

Tech Work by: GEOQUEST
Drawn by: EG

Date: December, 2007
Figure: 6c

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

374000 m | 374500 m | 375000 m | 375500 m | 376000 m | 376500 m

374000 m | 374500 m | 375000 m | 375500 m | 376000 m | 376500 m

5667500 m | 5667000 m | 5666500 m | 5666000 m | 5665500 m

N

W E

S

Map Datum (Zone 11)
North American 1983 (Canada)
Map No. 82M.017
True N is 1.32° E of UTM Grid N
Magnetic Declination: 17°44'E

SW Trend

SW Showing

WP 023R
33.6

Granite and Pegmatite

"Second Creek South Road"

52°

55°

"Second Creek Main"

Second Creek

Spur D Trend

Spur B Trend

Spur A-B Trend

SPUR D

"Spur D"

SPUR A-B

NE "Spur"

"Spur C"

"Spur E"

"Spur F"

Gneiss

Tungsten Showings

WP 029R
1210.0

WP 106R
429.0

WP 104R
8660.0

WP 032R
251.0

GQ06-24
2.4

GQ06-19
800.0

SCB 13+53R
58.6

GQ06-18
9.1

GQ06-20
400.0

GQ06-08
1.4

GQ06-07
200.0

GQ06-06
<0.1

GQ06-04
0.3

GQ06-05
0.1

SCD 10+99R
39.4

GQ06-09
0.7

GQ06-11
1.0

SCB 07+94R
1.8

SCB 08+12R
23.4

SCA 08+31R
14.8

GQ06-22
8.2

GQ06-15
1.8

GQ06-14
500.0

GQ06-13
0.8

GQ-07-01
13.5

GQ-07-02
0.5

GQ-07-03
1.7

GQ-07-04
0.9

GQ-07-05
36.9

GQ-07-06
0.7

GQ-07-07
0.6

GQ-07-08
0.6

GQ-07-09
9.7

GQ-07-10
0.3

GQ-07-11
0.6

GQ-07-12
0.6

GQ-07-13
0.3

GQ-07-14
2.7

GQ-07-15
11

GQ-07-16
0.4

GQ-07-17
1.1

GQ-07-18
260

SCS 10+25R
26.8

WP 025R
288.0

PR 46R
2120.0

GQ7100N | GQ7050N | GQ7000N | GQ6950N | GQ6900N | GQ6850N | GQ6800N | GQ6750N | GQ6700N | GQ6650N

GQ6650N | GQ6450N | GQ5850N | GQ5750N

5500E | 5850E | 6100E | 5125E | 5425E | 5025E | 5425E

1400 | 1500 | 1600 | 1700

5+00

Gneiss and Pegmatite

Gneiss, Minor Marble, Calc-Silicate

LEGEND

- Logging Road
- Property Boundary
- Trend of Mineralized Calc-Silicate Horizon

Sampling
- Rock Sample - Float
- Rock Sample - Bedrock
- Soil Sample

Tungsten Categories (Rock)
- <2 ppm W
- 2-5 ppm W
- 5-10 ppm W
- 10-100 ppm W
- >100 ppm W

Tungsten Categories (Soil)
- <1.0 ppm W
- 1.0-3.0 ppm W
- 3.0-5.0 ppm W
- >5.0 ppm W

0 Scale: 1:5000 500 m

American Goldrush Corp.

Rock and Soil Geochemical Plan

Tungsten

GQ PROPERTY (SOUTH)

Tech Work by: GEOQUEST
Drawn by: EG

Date: December, 2007
Figure: 6d

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

374000 m | 374500 m | 375000 m | 375500 m | 376000 m | 376500 m

5667500 m | 5667000 m | 5666500 m | 5666000 m | 5665500 m

N
W E
S

Map Datum (Zone 11)
North American 1983 (Canada)
Map No. 82M.017
True N is 1.32° E of UTM Grid N
Magnetic Declination: 17°44'E

SW Trend
SW Showing
WP 023R
1580
52°
"Second Creek South Road"
Granite and Pegmatite
55°
"Spur D"
SPUR D
Gneiss
GQ06-08
11
GQ06-07
11570
GQ06-06
1
50°
GQ6650N
GQ06-04
9
SCD 10+99R
2600
GQ06-05
13
45°
GQ6550N
GQ6450N
5125E
5425E
GQ06-24
13
65°
"Spur B"
80°
42°
WP 029R
6
WP 106R
2
Gneiss
Tungsten Showings
55°
WP 104R
2
"Spur C"
NE "Spur"
GQ06-19
3070
SCB 13+53R
1980
WP 032R
1250
GQ06-18
376
44°
40°
GQ7100N
GQ7050N
GQ06-20
3970
5500E
GQ7000N
GQ-07-01
80
GQ-07-02
12
Gneiss
SPUR A-B
GQ6950N
GQ-07-03
154
GQ-07-04
11
GQ6900N
GQ06-15
487
GQ6850N
GQ06-14
3
GQ-07-05
40
GQ-07-06
20
GQ6800N
GQ06-13
11
GQ6750N
GQ6700N
SCB 08+12R
3490
GQ06-11
15
SCB 07+94R
78
5850E
6100E
GQ6650N
SCA 08+31R
3090
GQ-07-08
10
GQ-07-07
10
GQ-07-09
14
GQ-07-10
25
GQ-07-12
23
GQ-07-13
7
GQ-07-11
3
GQ-07-14
400
GQ06-22
18
75°
Gneiss and Pegmatite
5+00
GQ06-09
34
"Second Creek Main"
Spur D Trend
Spur B Trend
Second Creek
Spur A-B Trend
"Second Creek"
"Spur E"
GQ-07-16
573
GQ-07-15
329
GQ5850N
70°
SCS 10+25R
2980
SE Showing
50°
WP 025R
115
GQ-07-18
38
GQ5750N
5025E
5425E
GQ-07-17
4
35°
Gneiss, Minor Marble, Calc-Silicate
PR 46R
47

1:300
1:400
1:500
1:600
1:700

LEGEND

- Logging Road
- Property Boundary
- Trend of Mineralized Calc-Silicate Horizon

Sampling
- Rock Sample - Float
- Rock Sample - Bedrock
- Soil Sample

Gold Categories (Rock)
- <10 ppb Au
- 10-25 ppb Au
- 25-50 ppb Au
- 50-500 ppb Au
- >500 ppb Au

Gold Categories (Soil)
- <3 ppb Au
- 3-8 ppb Au
- 8-15 ppb Au
- >15 ppb Au

Scale: 1:5000
0 — 500 m

American Goldrush Corp.

Rock and Soil Geochemical Plan
GOLD
GQ PROPERTY (SOUTH)

Tech Work by: GEOQUEST
Drawn by: EG
Date: December, 2007
Figure: 6a

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

374000 m | 375000 m | 376000 m | 377000 m | 378000 m | 379000 m

5670000 m | 5669000 m | 5668000 m | 5667000 m | 5666000 m

Third Creek

Second Creek

GQN2 SPUR

GQN1 SPUR

SPUR A-B

SPUR D

NE Tungsten Showings

SW Showing

Gneiss and Pegmatite

Granite and Pegmatite

Gneiss, Minor Marble Calc-Silicate

GQ Property

N

W E

S

Map Datum (Zone 11)
North American 1983 (Canada)
Map No. 82M.017
True N is 1.32° E of UTM Grid N
Magnetic Declination: 17°44'E

PR29 5 0.2 2.7
PR28 12 0.1 0.7
PR25 11 0.1 1.3
PR26 <1 0.1 5.7
PR27 35 0.3 1.2
PR52 <1 0.2 4.5
PR82 <1 0.3 6.
PR42 <1 0.3 17.2
PR81 <1 0.3 4.5
PR40 <1 8.6 0.3
PR41 220 15.4 22.7
PR50 3 8.6 3.3
PR51 10 17.0 2.1
PR84 6 0.4 1.7
PR85 <1 0.2 2.0
PR88 <1 0.7 3.5
PR92 <1 0.2 3.9
PR91 <1 4.9 0.2
PR90 8 0.2 2.0
PR93 <1 0.2 1.3
PR89 <1 0.4 2.2
PR87 <1 0.3 1.9
PR86 15 1.3 9.3
PR75 3 0.3 7.8
PR94 3 280 <0.1 <0.5 0.2 1.5
PR61
PR60 <1 0.6 3.1
PR76 <1 0.8 11.5
PR95 <1 <0.1 <0.5
PR49 15 0.5 13.5
GQ SL-07-02 <1 0.2 1.0
GQ SL-07-01 1 0.8
PR80 4 0.4 4.6
GQ SL-07-03 <1 0.2
GQ SL-07-04 <1 0.1 0.6 2
GQ SL-07-05 1.8 0.3 0.8
GQ SL-07-06 3 0.5 1.0
PR19 <1 0.2 3.4
PR79 3 <0.1 <0.5
PR78 44 4.4 6.7
PR77 5 0.6 7.3
PR97 <1 <0.1 <0.5
PR44 <1 0.3 48.3
PR64 <1 0.6 1.9
PR64A <1 9.2 0.3
PR45 2 0.3 16.3
PR20 <1 0.4 2.2
PR70 5 0.4 0.9 5.5
PR71 <1 0.3 20.6
PR95 <1 <0.1 <0.5
PR21 <1 0.5
PR22 0.1 11.7

Scale: 1:10000
0 1000 m

LEGEND

- Logging Road
- Property Boundary
- Trend of Mineralized Calc-Silicate Horizon

GOLD
- <3 ppb Au
- 3-8 ppb Au
- 5-15 ppb Au
- >15 ppb Au

BISMUTH
- <0.5 ppm Bi
- 0.5-1.0 ppm Bi
- 1.0-2.0 ppm Bi
- >2.0 ppm Bi

TUNGSTEN
- <5.0 ppm W
- 5.0-10.0 ppm W
- 10.0-15.0 ppm W
- >15.0 ppm W

Sample Number
Au Value (ppb)
Bi Value (ppm) W Value (ppm)

American Goldrush Corp.

Stream Geochemical Plan

GOLD, BISMUTH, TUNGSTEN

GQ PROPERTY

Tech Work by: GEOQUEST
Drawn by: EG

Date: December, 2007
Figure: 7

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

375000 m | 375500 m | 376000 m

5667000 m | 5666500 m | 5666000 m

N | S | E | W

Map Datum (Zone 11)
North American 1983 (Canada)
Map No. 82M.017
True N is 1.32° E of UTM Grid N
Magnetic Declination: 17°44'E

"Spur B" | "Spur C" | "Spur D"

Tungsten Showings

NE

SPUR A-B

SPUR D

Amphibolite Gneiss

Gneiss

Mag High (Possible mafic dike swarm?)

Calc-silicate??

Gneiss and Pegmatite

SE Showing

Mag Lows

Gneiss, Minor Marble,

"Second Creek Main"

Second Creek

Spur A-B Trend

Spur D Trend

Spur B Trend

1300 | 1400 | 1500

WP 106R 2

WP 032R 1250

GQ06-19 3070

SCB 13+53R 1980

GQ06-18 376

GQ06-20 3970

GQ06-01 80

GQ-07-02 12

GQ-07-01 80

GQ-07-03 154

GQ-07-04 11

GQ06-15 487

GQ06-14 3

GQ-07-05 40

GQ-07-06 20

GQ06-13 11

GQ06-08 11

GQ06-07 11570

GQ06-06 1

GQ06-04 9

SCD 10+99R 2600

GQ06-05 13

GQ-07-16 573

GQ-07-15 329

SCS 10+25R 2980

GQ-07-17 4

WP 025R 115

GQ-07-18 38

GQ-07-08 10

GQ-07-07 10

GQ-07-09 14

GQ-07-10 25

GQ-07-12 23

GQ-07-13 7

GQ-07-11 3

GQ-07-14 400

GQ06-22 18

SCB 08+12R 3490

GQ06-11 15

SCA 08+31R 3090

SCB 07+94R 78

GQ06-09 34

GQ7100N | GQ7050N | GQ7000N | GQ6950N | GQ6900N | GQ6850N | GQ6800N | GQ6750N | GQ6700N | GQ6650N | GQ6650N | GQ6550N | GQ6450N | GQ5850N | GQ5750N

5850E | 6100E | 5125E | 5425E | 5025E | 5425E

40° | 44° | 50° | 45° | 75° | 35° | 5+00

LEGEND

- Logging Road
- Property Boundary
- Trend of Mineralized Calc-Silicate Horizon

Sampling
- Rock Sample - Float
- Rock Sample - Bedrock

Gold Categories (Rock)
- <10 ppb Au
- 10-25 ppb Au
- 25-50 ppb Au
- 25-500 ppb Au
- >500 ppb Au

Mag Data (Gammas)
- <56400
- 56400-56450
- 56450-56500
- 56500-56550
- 56550-56600
- 56600-56650
- >56650

0 — 250 m

Scale: 1:2500

American Goldrush Corp.

Geophysical Plan

Total Field Magnetics

GQ PROPERTY (SOUTH)

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