



## ASSESSMENT REPORT TITLE PAGE AND SUMMARY

**TITLE OF REPORT:** 2014 Geochemical Assessment Report on the Galore Creek Property

**TOTAL COST:**

AUTHOR(S): Sarah L. Henderson  
SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):  
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): 5518342

YEAR OF WORK: 2014

PROPERTY NAME: Galore Creek

CLAIM NAME(S) (on which work was done): 976004, 976007, 976467, 501603, 501583, 501454, 501401, 501341, 1016352, 516284, 404921, and 404922

COMMODITIES SOUGHT: Copper, Gold, Silver

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: Liard Mining Division

NTS / BCGS: 104G/3 and 104G/4, BCGS 104G.013

LATITUDE: 57° 07' 08"

LONGITUDE: 131° 27' 58" (at centre of work)

UTM Zone: 9      EASTING: 351005      NORTHING: 6334025

OWNER(S): Galore Creek Mining Corporation

**MAILING ADDRESS:**

Suite 3300, 550 Burrard Street, Vancouver, BC, V6C 0B3

OPERATOR(S) [who paid for the work]: Galore Creek Mining Corporation

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Suite 3300, 550 Burrard Street, Vancouver, BC, V6C 0B3

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

Porphyry, Alkalic, Alkali Syenites, Late Triassic, Stuhini Group, Stikine Terrane, Galore Creek Property, Hickman Batholith, copper-gold-silver mineralization, volcanoclastic, granodiorite, syenite.

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

2010 Diamond Drilling Assessment Report on the Galore Creek Property (AR 32119)  
2011 Diamond Drilling Assessment Report on the Galore Creek Property (AR 33368)  
2012 Diamond Drilling Assessment Report on the Galore Creek Property (AR 33955)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil			
Silt			
Rock	14 Lithogeochemical	976004, 976007, 976467, 501603, 501583, 501454, 501401, 501341, 1016352, 516284, 404921, 404922	\$60,278
Other			
DRILLING (total metres, number of holes, size, storage location)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale/area)			
PREPATORY / PHYSICAL			
Line/grid (km)			
Topo/Photogrammetric (scale, area)			
Legal Surveys (scale, area)			
Road, local access (km)/trail			

Trench (number/metres)		
Underground development (metres)		
Other	Report Preparation	\$4000
	<b>TOTAL COST</b>	<b>\$64,278</b>

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BC Geological Survey  
Assessment Report  
34980

**2014 GEOCHEMICAL ASSESSMENT REPORT  
ON THE GALORE CREEK PROPERTY**

Event Number: 5518342

Claims Worked On: 976004, 976007, 976467, 501603, 501583, 501454, 501401, 501341,  
1016352, 516284, 404921, and 404922

Located in the Galore Creek Area  
Liard Mining Division  
British Columbia, Canada

NTS Map Sheet 104G/3 and 104G/4  
BCGS Map Sheet 104G.013  
57° 07' 08" North Latitude  
131° 27' 58" West Longitude

Owned & Operated by  
Galore Creek Mining Corporation  
Suite 3300, 550 Burrard Street  
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November, 2014

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## 1.0 INTRODUCTION

The Galore Creek Property (Figure 1) is located within the historic Stikine Gold Belt of north-western British Columbia, approximately 75 kilometres northwest of Barrick Gold's decommissioned Eskay Creek mine. The property consists of 291 contiguous mineral claims, totaling 136,444.53 hectares registered in the name of Galore Creek Mining Corporation.

Galore Creek is characterized as an alkaline porphyry-style copper-gold-silver deposit. It consists of a number of mineralized zones including the Central Zone, comprised of Central-North, Central-South and Bountiful, the Legacy Zone, the Southwest Zone, the Junction and North Junction Zones, the Middle Creek Zone, and the West Fork Zone. The Galore Creek property is host to 6.8B pounds of Proven and Probable reserves grading 0.6% copper, 5.45 Moz. at 0.32 g/t gold and 102.0 Moz. at 6.0 g/t silver. Inclusive of Proven and Probable reserves Galore Creek is host to 8.9B pounds of Measured and Indicated resources grading 0.50% copper, 8.0 Moz. at 0.3 g/t gold and 136.0 Moz. at 5.2 g/t silver, as well as 346.6M tonnes of Inferred resources grading 0.42% copper, 0.24 g/t gold and 4.28 g/t silver. Mineral reserves and resources were estimated using an NSR cut-off grade of \$10.08/t milled, and Mineral Reserves are reported using commodity prices of US\$4.44/lb copper, US\$1,613/oz gold, and US\$40.34/oz silver (effective July 27, 2011) (AMEC, 2011).

In July 2003, SpectrumGold Inc. (now NovaGold Canada Inc.) entered into an option agreement to acquire a 100% interest in the Galore Creek property from Stikine Copper Limited. NovaGold carried out exploration programs on the property in years 2003 through 2007, and additional claims have been staked for the project. NovaGold Canada Inc. is a subsidiary wholly owned by NovaGold Resources Inc. On May 1, 2007, NovaGold and Teck Cominco Limited (Teck Cominco) announced the formation of a 50-50 partnership to develop the Galore Creek Mine. The Galore Creek Partnership was finalized on August 1, 2007 and the jointly controlled operating company, Galore Creek Mining Corporation (GCMC) was created to direct all aspects of project construction and operation. Galore Creek claims were subsequently transferred to GCMC in October 2007. In November 2007, NovaGold and Barrick Gold Corporation (Barrick) reached an agreement and announced that the Grace Property claims would be sold 100% to the Galore Creek Partnership. On December 3, 2007, all the Grace claims were transferred to GCMC. During March 2008, Galore Creek Mining Corporation acquired additional mineral claims in the Scud River area, Stikine River area and north of West More Creek. These claims are contiguous with the Galore Creek Property.

This report covers work completed on portions of the Galore Creek Property between July 12, 2014 and August 3, 2014. The work at Galore Creek was conducted entirely within the boundaries of mineral claims 976004, 976007, 976467, 501603, 501583, 501454, 501401, 501341, 1016352, 516284, 404921, and 404922.



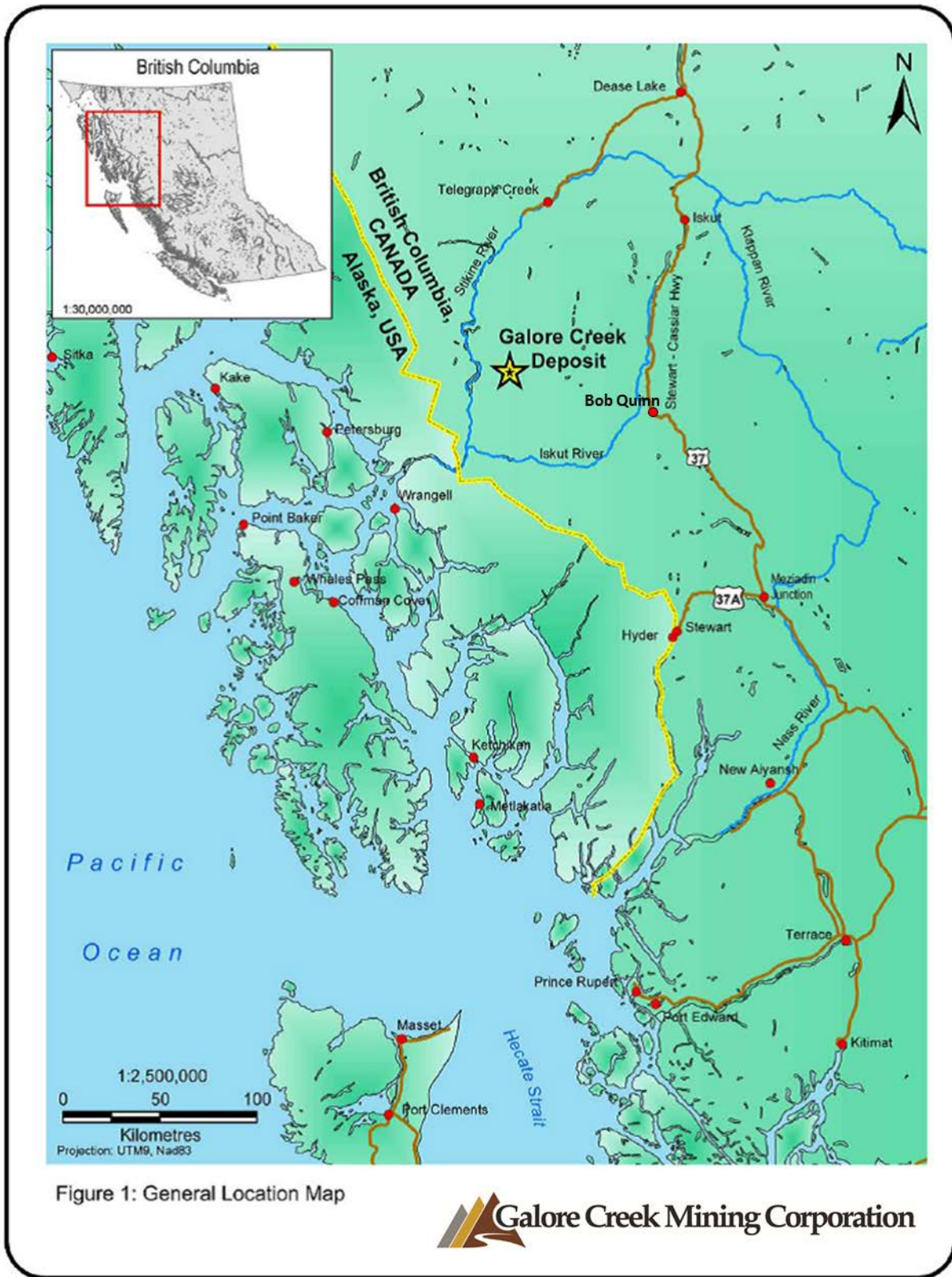


Figure 1: General Location Map



## **2.0 LOCATION, ACCESS & PHYSIOGRAPHY**

The Galore Creek property (Figure 1) is located within the Liard Mining Division of northwestern British Columbia, approximately 70 kilometres west of the Bob Quinn airstrip and 90 kilometres northeast of Wrangell, Alaska. The property is situated at the headwaters of Galore Creek, a tributary of the Scud River, which in turn flows into the Stikine River. The property lies at latitude 57°07'08"N and longitude 131°27'58"W, on NTS map sheets 104G/03 and 104G/04.

The town of Smithers, located 370 kilometres to the southeast, is the nearest major supply centre. An existing forest service road provides access to the Chi'yone camp (km 36). During the 2014 program personnel, supplies, and equipment were transported via helicopter to, and staged from Teck's Schaft Creek camp, to the northeast of the GCMC claims.

Galore Creek is located in the humid continental climate zone of coastal BC. Summers are generally cool, and winters cold, with substantial snowfall. Property temperatures range from 20°C in the summer to well below -20°C in the winter. Annual precipitation is 76 centimetres with the majority (70%) falling as snow between September and February.

Physiographically, the Stikine-Iskut area is characterized by rugged mountains with elevations ranging between 500 to 2080 metres above sea level, active alpine glaciation and deep U-shaped valleys. Relief on the property varies from moderate to extreme. The tree line, located at an elevation of 1100 metres, divides forests of Balsam Fir, Sitka Spruce, Alder, Willow, Devils Club and Cedar from sparse grasses and brush above.

### 3.0 EXPLORATION HISTORY

Mineralization was first discovered in the upper Galore Creek valley in 1955 by M. Monson and W. Buchholz while prospecting for a subsidiary of Hudson Bay. Staking and sampling were completed in the area in 1955. Work in 1956 included mapping, trenching and diamond drilling. No further work was undertaken and most of the claims were allowed to expire.

In 1959, reconnaissance stream sediment surveys were carried out by Kennco Explorations (Western) Limited (the Canadian subsidiary of Kennecott Copper, now Rio Tinto Ltd.) in the Stikine River area. Results prompted Kennco to stake mineral claims around the remaining 16 Hudson Bay claims the following year. Four of the original claims were subsequently optioned by Consolidated Mining and Smelting Company of Canada Limited (Cominco) from W. Buchholz. Late in 1962, the three companies agreed to participate jointly in future exploration work. As a result, Stikine Copper Limited was incorporated in 1963, on the basis of the following interests: Kennco Explorations, (Western) Limited (59%), Hudson Bay Mining and Smelting Company Limited (34%), and Consolidated Mining and Smelting Company of Canada, Limited (5%).

Work conducted since discovery in 1955 outlined a significant copper-gold-silver mineralized zone in the Central Zone and identified several satellite mineralized zones, most importantly the Southwest, North Junction and Junction Zones. This work has included soil sampling, pole-dipole resistivity/induced polarization (IP), magnetics, electromagnetics (EM), radiometrics, very low frequency (VLF) and audio frequency magnetics (AFMAG) airborne geophysical surveys.

From 1960 to 1968, the property was operated by Kennco Exploration. Exploration work during this period included 53,164 metres of diamond drilling in 235 holes and 807 metres of underground development work in two adits. The Central Zone was the focus of most of this work. During the same period, a road was constructed from an airstrip at the confluence of the Stikine and Scud rivers along the Scud River and up Galore Creek to what was then an exploration camp.

No work was done between 1968 and 1972. In 1972, Hudson Bay became operator and in 1972 and 1973 an additional 25,352 metres of diamond drilling was completed in 111 holes. This work concentrated on the mineralization in the Central and North Junction Zones. A further 5,310 metres of diamond drilling was completed in 24 holes in 1976.

In 1989, Mingold Resources Inc. (an affiliated company of Hudson Bay) operated the property in order to investigate its gold potential. In 1990, Mingold completed 1,225 metres of diamond drilling in 18 holes.

Kennecott resumed as operator of the project in 1991 and completed 13,830 metres of diamond drilling in 49 holes. An airborne geophysics survey and over 90 line kilometres of IP survey were also completed. At the end of this initial exploration phase, a total of twelve prospects and deposits had been identified: Central, Junction, North Junction, West Rim, Butte, Southwest, Saddle, West Fork, South Butte, South 110, Middle Creek and North Rim.

### **3.1 SpectrumGold/NovaGold Exploration**

In August 2003, SpectrumGold Inc. (now NovaGold Canada Inc.) entered into an option agreement to acquire a 100% interest in the Galore Creek property from Stikine Copper Limited, a company owned by QIT-FER et Titane Inc. (a wholly-owned subsidiary of Rio Tinto Ltd.) and Hudson Bay. In 2003, SpectrumGold carried out a 10 hole, 2,950 metre diamond drill program on the property. The work program was directed toward confirming grades of copper and gold mineralization defined by previous drilling in the Central and Southwest Zones.

In 2004, NovaGold Canada Inc. (NovaGold) carried out a 79 hole, 25,976 metre diamond drill program to upgrade and expand the existing resource, and to test several peripheral mineral occurrences and nearby properties. Extensive geophysical surveys were conducted to assist the exploratory drilling. The results of the 2004 drilling program provided the basis for geological modeling, resource estimation, preliminary mine planning and economic evaluation at Preliminary Assessment (PA) level.

In 2005, NovaGold completed a 260 hole, 63,190 metre diamond drill program on the Galore Creek property. The aim of the 2005 exploration program was to test for extensions of known mineralization and to explore for new targets within the Galore Creek valley. Additional drilling was utilized for engineering and environmental testing. Mapping focused on defining drill targets, major structures, and alteration assemblages. The geophysical program included a wide-spaced Vector IP reconnaissance program and IP surveys, conducted both south of the Central Zone and along the East Fork of Galore Creek.

In 2006, NovaGold completed 33,575 metres of diamond drilling in 57 holes. The 2006 drilling tested new exploration targets based on geophysical anomalies and new geological interpretations. The goal of the program was to upgrade the resource estimation categories.

In 2007, NovaGold completed 17 holes, totalling 4,547 metres on the Galore Creek property for the Galore Creek Mining Corporation (GCMC). Drilling focussed on the Southwest Zone, Central Replacement Zone, Butte Zone and reconnaissance targets.

### **3.2 Galore Creek Mining Corporation Exploration**

In 2008, Galore Creek Mining Corporation (GCMC) completed nine diamond drill holes totalling 2,049.58 metres. The main objectives of the drill program were to obtain ABA (Acid Base Accounting) data in the Central, Southwest, North Junction and Junction pits, to confirm legacy grades in the Junction pit, and to collect metallurgical data in the Central pit.

In 2010, GCMC conducted a site investigation program of nine exploration diamond drill holes totalling 2,803.33 metres and four geotechnical boreholes totalling 240.70 metres. The main objectives of the exploration drilling were to obtain metallurgical and resource in-fill data in the Central deposit. A geotechnical borehole was drilled in an area under consideration for construction of a water-retaining dam. Three geotechnical boreholes were drilled in the Galore Valley to install standpipes to monitor drawdown associated with pump testing of nearby, previously installed, pump wells.

In 2011, GCMC's site investigation included a drilling program consisting of eighteen (18) exploration drill holes totalling 9,953.22 metres, and sixteen (16) geotechnical boreholes totalling 5,887.30 metres. The main objectives of the exploration drill program were to upgrade and possibly extend mineralization within the Central South and Bountiful zones. The SRK geotechnical site investigation program was undertaken to enable Feasibility-level design of the proposed open pits at Galore Creek.

In 2012, the GCMC site investigation included a diamond drilling program consisting of forty-seven (47) exploration drill holes totalling 23,369.2 metres, nine (9) geotechnical boreholes totalling 3,296.1 metres, six (6) hydrogeological holes totalling 835.0 metres, and sixteen (16) overburden-geotechnical holes totalling 589.5 metres. The main objective of the exploration drill program was to upgrade Inferred resources to Measured and Indicated classification. Exploration drilling successfully encountered copper mineralization.

In 2013, GCMC's site investigation included a diamond drilling program consisting of twenty-two (22) exploration drill holes totalling 11,649 metres. The main objection of the drill program was to upgrade the Legacy zone to an inferred classification, and explore the continuity and extents of this mineralized zone.

#### 4.0 LAND TENURE AND CLAIM STATUS

In July 2003, SpectrumGold Inc. (now NovaGold Canada Inc.) entered into an option agreement to acquire a 100% interest in the Galore Creek property from Stikine Copper Limited, a company owned by QIT-FER et Titane Inc. and Hudson Bay Mining and Smelting Co. Limited.

The original Galore Creek property consisted of 292 two-post claims, of which 39 were fractions, all held in the name of Stikine Copper Limited. In July 2005, NovaGold converted the 292 claims into six cell claims to hold an area of 5,111 hectares and the claims are listed below in Table 1.

On March 28, 2007, NovaGold exercised the Stikine Copper Limited option and acquired 100% in the property as of June 1, 2007.

**Table 1 - Galore Creek Property Claims**

<b>Tenure No.</b>	<b>Name</b>	<b>Owner</b>	<b>Area (ha.)</b>
516158	Cell Claim	Galore Creek Mining Corporation (Client No. 211373)	772.237
516165	Cell Claim	Galore Creek Mining Corporation (Client No. 211373)	667.543
516177	Cell Claim	Galore Creek Mining Corporation (Client No. 211373)	175.777
516178	Cell Claim	Galore Creek Mining Corporation (Client No. 211373)	457.053
516179	Cell Claim	Galore Creek Mining Corporation (Client No. 211373).	1,317.270
516459	GALORE 1 CELL CLAIM	Galore Creek Mining Corporation (Client No. 211373)	1,721.252
<b>Totals:</b>	<b>6 claims</b>		<b>5,111.132</b>

Since the initial option agreement on the Galore Creek claims in 2003, NovaGold has acquired significant ground in the area through staking as well as purchase of mineral claims from other parties. All the claims are listed in Table 3.

On August 1, 2007, the Galore Creek Partnership (Teck Cominco Limited and NovaGold Canada Inc. 50/50) was established to develop the Galore Creek mine; the Partnership created the jointly controlled operating company called the Galore Creek Mining Corporation. In October

2007, all Galore Creek Property claims held by NovaGold Canada Inc. were transferred to the Galore Creek Mining Corporation.

In November 2007, NovaGold and Barrick Gold Corporation (Barrick) reached an agreement and announced the Grace property claims would be sold 100% to the Galore Creek Partnership. On December 3, 2007, all the Grace claims were transferred to Galore Creek Mining Corporation and Table 2 lists the Grace property mineral claims. These claims are now part of the Galore Creek Property and are listed in Table 3.

**Table 2 – Grace Property Claims**

<b>Tenure No.</b>	<b>Name</b>	<b>Owner</b>	<b>Area (ha.)</b>
404921	Grace 4	Galore Creek Mining Corporation (Client No. 211373)	500
404922	Grace 5	Galore Creek Mining Corporation (Client No. 211373)	500
516161	Cell Claim	Galore Creek Mining Corporation (Client No. 211373)	543.835
516163	Cell Claim	Galore Creek Mining Corporation (Client No. 211373)	1244.967
517480	Cell Claim	Galore Creek Mining Corporation (Client No. 211373)	52.637
<b>Totals:</b>	<b>5 claims</b>		<b>2,841.44</b>

Between March 2008 and March 2014, Galore Creek Mining Corporation acquired additional mineral claims in the Scud River area, Stikine River area and West More area. These claims are contiguous with the Galore Creek Property claims and are listed in Table 3.

**Table 3 - Galore Creek Property Mineral Claims, Liard Mining Division, BC**

**Owner: Galore Creek Mining Corporation - Client No. 211373**

Tenure No.	Claim Name	Owner	Tenure Type	Issue Date	Good To Date	Area (ha)
404921	GRACE 4	211373 (100%)	Mineral	2003/sep/07	2024/dec/01	500
404922	GRACE 5	211373 (100%)	Mineral	2003/sep/07	2024/dec/01	500
408613	VIA 32	211373 (100%)	Mineral	2004/feb/29	2024/dec/01	450
410802	J3	211373 (100%)	Mineral	2004/may/26	2024/dec/01	300
410810	CONTACT 5	211373 (100%)	Mineral	2004/may/26	2024/dec/01	200
410812	CONTACT 7	211373 (100%)	Mineral	2004/may/26	2024/dec/01	450
412228	GL 16	211373 (100%)	Mineral	2004/jul/04	2024/dec/01	500
412241	GL 29	211373 (100%)	Mineral	2004/jul/06	2024/dec/01	500
501126	SPC11	211373 (100%)	Mineral	2005/jan/12	2024/dec/01	368.042
501150	SPC01	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	438.094
501166	SPC02	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	438.096
501212	SPC03	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	437.848
501276	SPC04	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	437.851
501341	SPC06	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	315.279
501401	SPC07	211373 (100%)	Mineral	2005/jan/12	2024/dec/01	210.367
501428	SPC05	211373 (100%)	Mineral	2005/jan/12	2024/dec/01	315.486
501454	SPC09	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	438.097
501496	SPC10	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	437.858
501524	SPC12	211373 (100%)	Mineral	2005/jan/12	2024/dec/01	367.917
501560	SPC13	211373 (100%)	Mineral	2005/jan/12	2024/dec/01	367.793
501583	SPC14	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	420.171
501603	SPC15	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	420.137
501634	SPC16	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	280.043
501660	SPC17	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	420.095
501669	SPC18	211373 (100%)	Mineral	2005/jan/12	2024/dec/01	437.659
501685	SPC20	211373 (100%)	Mineral	2005/jan/12	2024/dec/01	419.889
501726	SPC19	211373 (100%)	Mineral	2005/jan/12	2024/dec/01	437.421
501738	SPC21	211373 (100%)	Mineral	2005/jan/12	2024/dec/01	420.221
501755	SPC22	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	385.557
501775	SPC23	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	437.899
501787	SPC24	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	437.661
501798	SPC25	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	420.67
501815	SPC26	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	420.408
501829	SPC27	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	210.068
501839	SPC29	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	438.001
501857	SPC28	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	420.672
501865	SPC30	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	438.002
501882	SPC31	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	420.291
501891	SPC32	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	420.136
501905	SPC08	211373 (100%)	Mineral	2005/jan/12	2024/dec/01	210.366
501931	PORC01	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	405.39
501965	PORC02	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	440.514
501999	PORC03	211373 (100%)	Mineral	2005/jan/12	2024/jan/12	105.708
509232	tunnel	211373 (100%)	Mineral	2005/mar/18	2024/dec/01	333.757



**Table 3 - Galore Creek Property Mineral Claims – Continued**

509234	porc 04	211373 (100%)	Mineral	2005/mar/18	2024/mar/18	440.357
509235	porc 05	211373 (100%)	Mineral	2005/mar/18	2024/mar/18	405.158
509250	porc 06	211373 (100%)	Mineral	2005/mar/18	2024/mar/18	123.308
509253	sphaler 01	211373 (100%)	Mineral	2005/mar/18	2024/mar/18	422.571
509259	sphaler 02	211373 (100%)	Mineral	2005/mar/18	2024/mar/18	211.356
509261	ng 01	211373 (100%)	Mineral	2005/mar/18	2024/mar/18	420.826
509262	ng 02	211373 (100%)	Mineral	2005/mar/18	2024/mar/18	105.208
509893	NR 3	211373 (100%)	Mineral	2005/mar/30	2024/dec/01	70.379
511868	SPHCR 01	211373 (100%)	Mineral	2005/apr/30	2024/apr/30	405.262
511869	SPHCR02	211373 (100%)	Mineral	2005/apr/30	2024/apr/30	422.876
511870	SPHCR03	211373 (100%)	Mineral	2005/apr/30	2024/apr/30	422.878
512425		211373 (100%)	Mineral	2005/may/11	2024/dec/01	700.818
512426		211373 (100%)	Mineral	2005/may/11	2024/dec/01	473.235
512478	CONT 1	211373 (100%)	Mineral	2005/may/12	2024/may/26	770.372
516158		211373 (100%)	Mineral	2005/jul/06	2024/dec/01	772.237
516161		211373 (100%)	Mineral	2005/jul/06	2024/dec/01	543.835
516163		211373 (100%)	Mineral	2005/jul/06	2024/dec/01	1244.967
516165		211373 (100%)	Mineral	2005/jul/06	2024/dec/01	667.543
516177		211373 (100%)	Mineral	2005/jul/06	2024/dec/01	175.777
516178		211373 (100%)	Mineral	2005/jul/06	2024/dec/01	457.053
516179		211373 (100%)	Mineral	2005/jul/06	2024/dec/01	1317.27
516235		211373 (100%)	Mineral	2005/jul/07	2024/dec/01	1161.63
516271		211373 (100%)	Mineral	2005/jul/07	2024/dec/01	315.411
516275		211373 (100%)	Mineral	2005/jul/07	2024/dec/01	1407.331
516284		211373 (100%)	Mineral	2005/jul/07	2024/dec/01	947.189
516285		211373 (100%)	Mineral	2005/jul/07	2024/dec/01	614.229
516286		211373 (100%)	Mineral	2005/jul/07	2024/dec/01	912.089
516327		211373 (100%)	Mineral	2005/jul/08	2024/dec/01	999.585
516335		211373 (100%)	Mineral	2005/jul/08	2024/dec/01	1354.185
516340		211373 (100%)	Mineral	2005/jul/08	2024/dec/01	1195.156
516342		211373 (100%)	Mineral	2005/jul/08	2024/dec/01	1107.372
516345		211373 (100%)	Mineral	2005/jul/08	2024/dec/01	949.18
516359		211373 (100%)	Mineral	2005/jul/08	2024/dec/01	789.736
516367		211373 (100%)	Mineral	2005/jul/08	2024/dec/01	1052.596
516377		211373 (100%)	Mineral	2005/jul/08	2024/dec/01	1143.352
516433		211373 (100%)	Mineral	2005/jul/08	2024/dec/01	1318.728
516441		211373 (100%)	Mineral	2005/jul/08	2024/dec/01	1390.457
516443		211373 (100%)	Mineral	2005/jul/08	2024/dec/01	880.157
516445		211373 (100%)	Mineral	2005/jul/08	2024/dec/01	985.011
516448		211373 (100%)	Mineral	2005/jul/08	2024/dec/01	862.311
516452		211373 (100%)	Mineral	2005/jul/08	2024/dec/01	879.374
516458		211373 (100%)	Mineral	2005/jul/08	2024/dec/01	949.726
516459	GALORE 1 CELL CLAIM	211373 (100%)	Mineral	2005/jul/08	2024/dec/01	1721.252
516463	NR 4	211373 (100%)	Mineral	2005/jul/08	2024/dec/01	140.84
516474	SPHCR 04	211373 (100%)	Mineral	2005/jul/08	2024/jul/08	422.996
516475	SPHCR 05	211373 (100%)	Mineral	2005/jul/08	2024/jul/08	422.996

**Table 3 - Galore Creek Property Mineral Claims - Continued**

516496		211373 (100%)	Mineral	2005/jul/09	2024/dec/01	1299.197
516498		211373 (100%)	Mineral	2005/jul/09	2024/dec/01	1105.922
516500		211373 (100%)	Mineral	2005/jul/09	2024/dec/01	1527.806
516503		211373 (100%)	Mineral	2005/jul/09	2024/dec/01	1178.494
516505		211373 (100%)	Mineral	2005/jul/09	2024/dec/01	1126.672
516508		211373 (100%)	Mineral	2005/jul/09	2024/dec/01	1020.993
516509		211373 (100%)	Mineral	2005/jul/09	2024/dec/01	1039.113
516511		211373 (100%)	Mineral	2005/jul/09	2024/dec/01	968.695
516674		211373 (100%)	Mineral	2005/jul/11	2024/dec/01	157.819
516691		211373 (100%)	Mineral	2005/jul/11	2024/dec/01	563.2
517480	GRACE G	211373 (100%)	Mineral	2005/jul/12	2024/jul/12	52.637
522318	CONT 2	211373 (100%)	Mineral	2005/nov/15	2024/dec/01	386.718
522319	CONT 3	211373 (100%)	Mineral	2005/nov/15	2024/dec/01	245.815
556327		211373 (100%)	Mineral	2007/apr/13	2024/dec/01	387.2667
556330		211373 (100%)	Mineral	2007/apr/13	2024/dec/01	281.5297
556331		211373 (100%)	Mineral	2007/apr/13	2024/dec/01	140.7942
556334		211373 (100%)	Mineral	2007/apr/13	2024/dec/01	211.1915
579405	SCU 1	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	437.2202
579406	SCUD 1	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	419.9753
579407	SCUD 2	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	122.4604
579408	SCU 2	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	437.2223
579409	SCUD 3	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	349.8247
579410	SCU 3	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	436.9756
579411	SCUD 4	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	419.9061
579412	SCUD 5	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	349.7099
579413	SCU 3	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	419.0939
579414	SCUD 6	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	157.3518
579416	SCU 4	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	401.6306
579417	SCUD 7	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	419.9056
579418	SCU 5	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	436.9768
579420	SCUD 8	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	419.6281
579421	SCU 6	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	436.9789
579423	SCUD 9	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	437.1346
579424	SCU 7	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	436.9808
579426	SCU 8	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	436.9835
579428	SCUD 10	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	244.6974
579429	SCU 9	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	419.2886
579431	SCUD 11	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	366.949
579432	SCU 10	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	419.2913
579434	SCU 11	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	419.3084
579435	SCUD 12	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	209.7657
579436	SCU 12	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	436.7655
579437	SCUD 13	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	419.4795
579439	SCU 13	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	437.0121
579441	SCU 14	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	437.2245
579443	SCU 15	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	437.2253

**Table 3 - Galore Creek Property Mineral Claims - Continued**

579454	RDL 1	211373 (100%)	Mineral	2008/mar/28	2024/dec/01	421.8799
579456	RDL 2	211373 (100%)	Mineral	2008/mar/28	2024/dec/01	439.4831
579457	LIN 1	211373 (100%)	Mineral	2008/mar/28	2024/dec/01	421.6811
579458	RDL 3	211373 (100%)	Mineral	2008/mar/28	2024/dec/01	439.34
579459	LIN 2	211373 (100%)	Mineral	2008/mar/28	2024/dec/01	421.7224
579461	RDL 4	211373 (100%)	Mineral	2008/mar/28	2024/dec/01	421.6429
579462	LIN 3	211373 (100%)	Mineral	2008/mar/28	2024/dec/01	298.7028
579463	RDL 5	211373 (100%)	Mineral	2008/mar/28	2024/dec/01	421.6515
579467	RDL 6	211373 (100%)	Mineral	2008/mar/28	2024/dec/01	421.5126
579469	RDL 7	211373 (100%)	Mineral	2008/mar/28	2024/dec/01	421.512
579470	LIN 6	211373 (100%)	Mineral	2008/mar/28	2024/dec/01	333.6831
579472	LIN 7	211373 (100%)	Mineral	2008/mar/28	2024/dec/01	438.8378
579473	RDL 8	211373 (100%)	Mineral	2008/mar/28	2024/dec/01	421.5266
579479	LIN 10	211373 (100%)	Mineral	2008/mar/28	2024/dec/01	421.016
579517	SCUD S1	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	437.3757
579519	SCUD S2	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	420.114
579521	SCUD S3	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	350.0739
579523	SCUD S4	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	420.2729
579526	SCUD S5	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	420.2704
579528	SCUD S6	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	419.7174
579530	SCUD S7	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	419.7149
579532	SCUD S8	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	419.9041
579535	SCUD S9	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	420.0905
579537	SCUD S10	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	350.2287
579541	SCUD S11	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	385.4026
579542	SCUD S12	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	420.4623
579544	SCUD S13	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	419.9021
579545	SCUD S14	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	420.0891
579547	SCUD S15	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	437.4696
579548	SCUD S16	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	437.4701
579549	SCUD S17	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	437.4678
579550	SCUD S18	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	437.4649
579551	SCUD S19	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	420.2738
579552	SCUD S20	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	437.7128
579553	SCUD S21	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	437.7161
579554	SCUD S22	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	437.7156
579556	SCUD S22	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	437.7135
579557	SCUD S23	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	420.4638
579558	SCUD S24	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	420.4437
579559	SCUD S25	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	437.964
579560	SCUD S26	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	437.9651
579561	SCUD S27	211373 (100%)	Mineral	2008/mar/28	2024/mar/28	437.9638
585412	RDL 21	211373 (100%)	Mineral	2008/may/29	2024/dec/01	35.1912
662956	RLS 1	211373 (100%)	Mineral	2009/oct/31	2024/dec/01	70.3864
662967	RLS 2	211373 (100%)	Mineral	2009/oct/31	2024/dec/01	70.3828
662975	R 1	211373 (100%)	Mineral	2009/oct/31	2024/dec/01	87.9738

**Table 3 - Galore Creek Property Mineral Claims - Continued**

662982	RLS 3	211373 (100%)	Mineral	2009/oct/31	2024/dec/01	105.567
975932	HURON 001	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	420.5231
975933	HURON 002	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	437.8049
975952	HURON 003	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	437.5775
975953	HURON 004	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	385.5836
975954	HURON 005	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	437.9536
975955	HURON 006	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	437.723
975956	HURON 007	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	402.9514
975957	JAY001	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	403.5812
975972	HURON 008	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	437.7656
975993	JAY002	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	421.4118
975994	HURON 009	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	420.3235
975995	JAY003	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	386.3496
975996	HURON 010	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	420.4012
975997	HURON 011	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	437.573
975998	JAY004	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	438.8367
975999	HURON 012	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	437.5844
976000	JAY005	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	421.029
976002	HURON 013	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	437.3275
976003	JAY006	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	421.1768
976004	HURON 014	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	419.7743
976005	JAY007	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	438.9156
976006	HURON 015	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	419.9419
976007	HURON 016	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	419.7952
976008	JAY008	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	420.9761
976012	JAY009	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	438.6893
976032	HURON 017	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	419.4339
976052	HURON 018	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	419.4854
976053	JAY010	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	438.6839
976054	HURON 019	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	437.0853
976055	HURON 020	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	437.0788
976056	NAVO 001	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.795
976057	JAY011	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	438.5354
976060	JAY012	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	438.7231
976061	NAVO 002	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	419.0959
976062	JAY013	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	438.6981
976064	JAY014	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	421.3459
976065	JAY0015	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	438.8828
976066	HURON 024	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.5249
976067	JAY16	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	316.0291
976068	NAVO 003	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.4241
976070	JAY017	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	420.881
976072	JAY018	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	438.3879
976092	HURON 027	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	437.007
976112	NAVO 005	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.8963
976152	HURON 028	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	419.4041

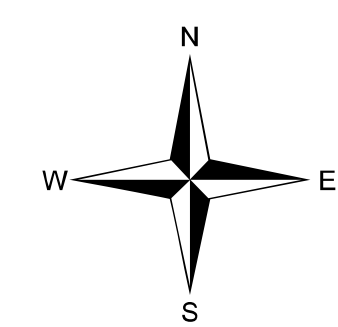
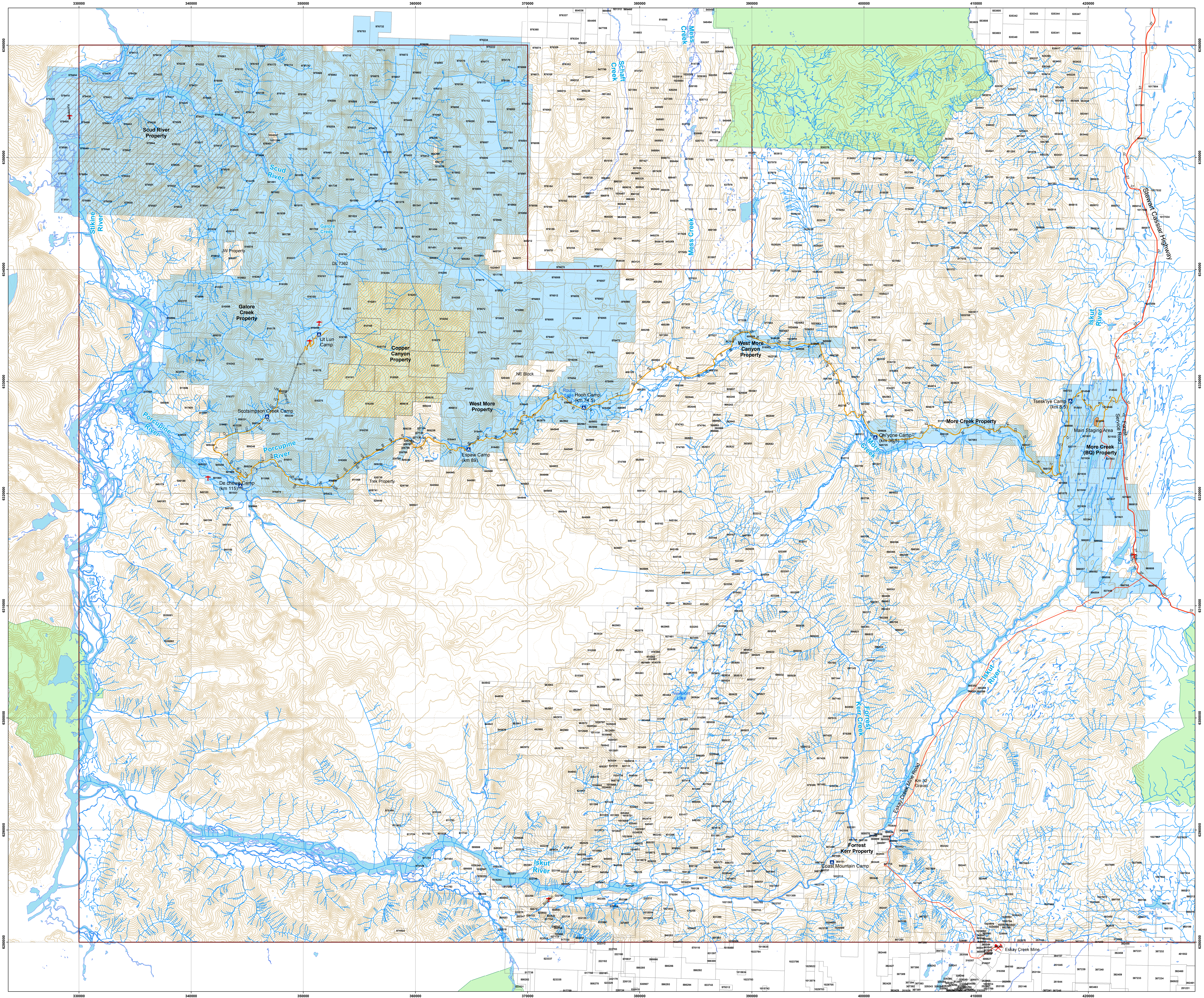
**Table 3 - Galore Creek Property Mineral Claims - Continued**

976153	NAVO 006	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	349.2964
976154	HURON 029	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.7264
976156	HURON 030	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.6758
976157	NAVO 007	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	419.607
976159	NAVO 008	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.8969
976161	NAVO 009	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	419.141
976163	NAVO 010	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.8991
976172	NAVO 011	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	419.1368
976173	HURON 031	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	419.2289
976174	NAVO 012	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	419.1327
976175	HURON 032	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	419.0418
976176	NAVO 013	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	419.1266
976177	HURON 033	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	349.1978
976179	HURON 034	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	261.8845
976180	NAVO 14	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.8991
976212	NAVO 015	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	437.0713
976232	HURON 035	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.3596
976234	HURON 036	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.2952
976236	NAVO 016	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	314.2504
976239	NAVO 017	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.6337
976252	NAVO 018	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	349.3086
976412	HURON 050	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	349.9337
976452	HURON 051	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	349.926
976456	HURON 052	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	437.2404
976459	HURON 053	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	349.9377
976461	HURON 054	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	349.9392
976463	HURON 055	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	419.7249
976467	HURON 056	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	437.022
976469	HURON 057	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	437.0772
976472	HURON 058	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	437.1779
976532	HURON 059	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	437.1838
976554	HURON 060	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	437.1827
976556	HURON 061	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.942
976558	HURON 062	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.9441
976560	NAVO 029	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	349.3167
976561	HURON 063	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.9394
976572	HURON 064	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.7731
976593	HURON 065	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.526
976612	HURON 066	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.8678
976632	HURON 067	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.9275
976653	HURON 068	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.6217
976656	HURON 069	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	418.8978
976657	HURON 070	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.6796
976672	HURON 071	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.4646
976675	HURON_072	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.6764
976676	HURON_073	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.6678

**Table 3 - Galore Creek Property Mineral Claims - Continued**

976692	HURON_074	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.6657
976713	HURON_075	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.4147
976718	HURON_079	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	436.4558
976732	HURON_080	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	418.7387
976753	HURON_081	211373 (100%)	Mineral	2012/apr/02	2024/apr/02	418.7768
1016352	MAC	211373 (100%)	Mineral	2013/jan/27	2024/jan/27	771.4353
1017781	HURON201301	211373 (100%)	Mineral	2013/mar/14	2024/mar/14	157.3895
1017782	HURON201302	211373 (100%)	Mineral	2013/mar/14	2024/mar/14	104.9935
1017784	HURON201303	211373 (100%)	Mineral	2013/mar/14	2024/mar/14	157.8589
1018229	SPC 33	211373 (100%)	Mineral	2013/apr/03	2024/apr/03	104.9952
1018771	SPC 34	211373 (100%)	Mineral	2013/apr/23	2024/apr/23	175.2671
1019238	SPC 35	211373 (100%)	Mineral	2013/may/04	2024/may/04	87.858
1019756	SPC 36	211373 (100%)	Mineral	2013/may/24	2024/may/24	281.0559
1021815	SPC 37	211373 (100%)	Mineral	2013/aug/22	2019/dec/01	1154.5208
1021830	SPC 38	211373 (100%)	Mineral	2013/aug/23	2019/dec/01	419.9081
1025793	HUR	211373 (100%)	Mineral	2014/feb/08	2020/dec/01	157.4446
1025944	HUR 1	211373 (100%)	Mineral	2014/feb/14	2019/apr/08	157.802
<b>291</b>	<b>Mineral Claims</b>				<b>Hectares:</b>	<b>136,444.53</b>

This report covers rock geochemical sampling on the Galore Creek Property from July 12, 2014 to August 3, 2014. The sampling work at Galore Creek includes fourteen (14) rock samples taken for geochemical analysis within mineral claims 976004, 976007, 976467, 501603, 501583, 501454, 501401, 501341, 1016352, 516284, 404921, and 404922 (Figure 3) and applied to selected and contiguous claims held by the Galore Creek Mining Corporation. Under Event Number 5518342, assessment work was applied to four mineral claims listed in Table 3: SPC 37 (1021815), SPC 38 (1021830), and HUR 1 (1025944) – which will be advanced to 2019, and HUR (1025793), which will be advanced to 2020, subject to government approval.



**Mineral Tenure Block**

- 3rd Party
- GALORE CREEK MINING CORPORATION
- NOVAGOLD CANADA INC.

**Infrastructure**

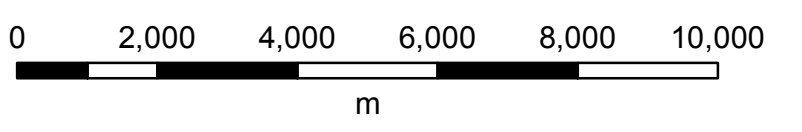
- Camp Site
- Access Road (2007-11-09)
- (Road Km Marker)
- Access Tunnel (2007-06-21)
- Bridge
- GCMC Area of Interest
- BC Highway/Road
- Resource Road
- Airfield
- Aerial Runway

**Topographic**

- Streams
- Waterbody
- River
- Contour - 50m
- Contour Index - 100m



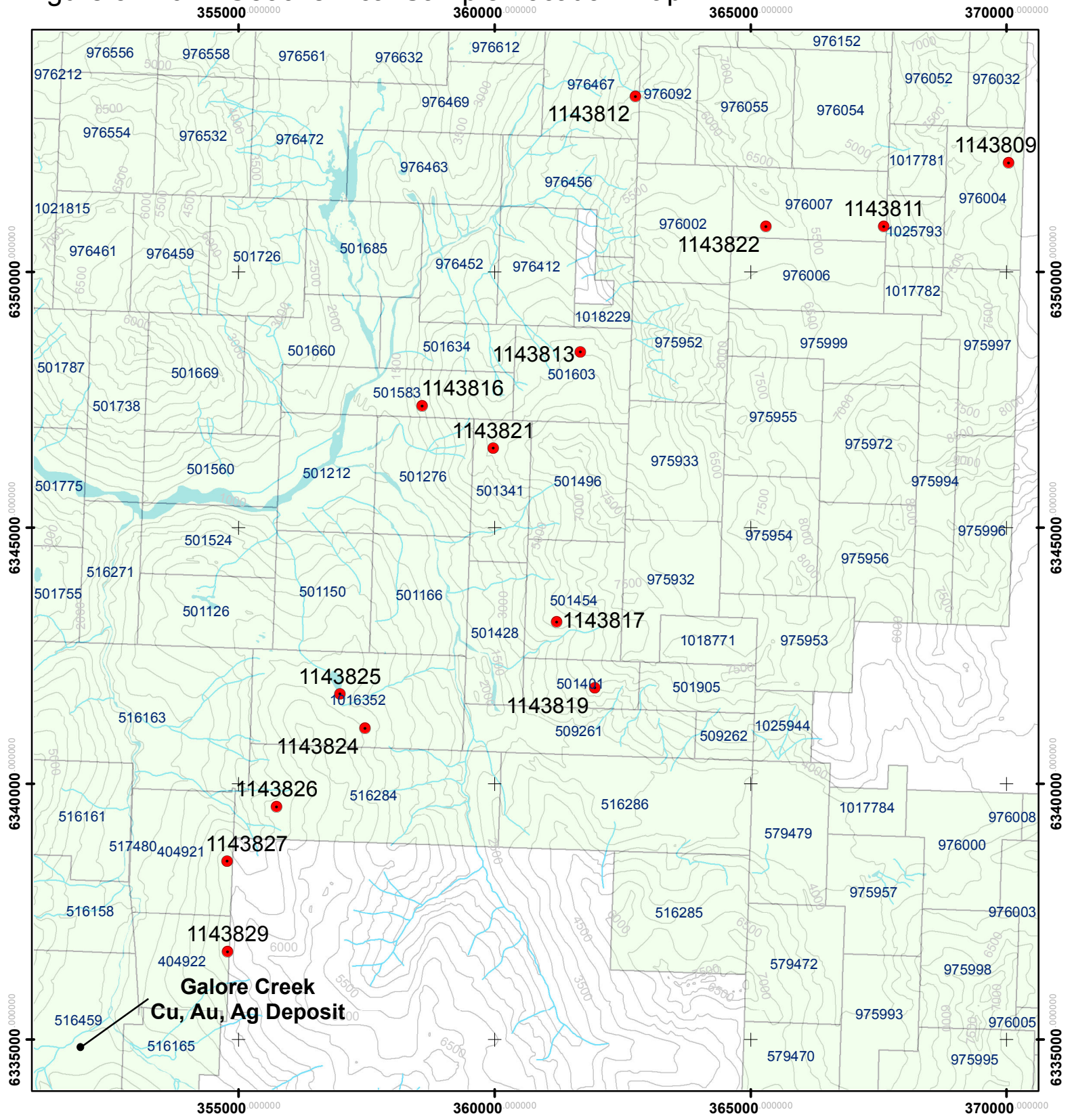
October 22, 2014



File: Galore\_TenureStatus\_AOI.mxd  
 Date: Oct 22, 2014  
 Prepared By: S. Pope  
 Coordinate System: NAD 1983 UTM Zone 9N  
 (Based on government mineral tenure records Oct 2, 2014)

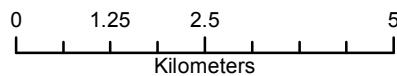
Figure 2. Claim Map

Figure 3. 2014 Geochemical Sample Location Map



**LEGEND**

- 2014 Geochemical Sample
- GCMC Mineral Tenure
- River, Stream
- Waterbody
- Contour - 500ft



Scale 1:100,000  
 Datum: NAD83, UTM Zone 9  
 Date: 10/21/2014  
 Drawn by: S. Henderson



## 5.0 2014 SUMMARY OF WORK

The Galore Creek Mining Corporation field geochemical sampling program includes fourteen (14) rock samples taken for geochemical analysis within mineral claims 976004, 976007, 976467, 501603, 501583, 501454, 501401, 501341, 1016352, 516284, 404921, and 404922 between July 12, 2014 to August 3, 2014 at a cost of \$64,278. This report discusses the work completed during this period. Details of the reported assessment work expenditures can be found in Appendix II.

On August 18, 2014, under Event Number 5518342, assessment work totalling \$64,000 and PAC credits totalling \$91,428.41 was applied to the 4 mineral claims SPC 37 (1021815), SPC 38 (1021830), HUR 1 (1025944), and HUR (1025793) in Table 3. The claim expiry dates will be advanced to the year 2019 for claims SPC 37, SPC 38, and HUR 1, and 2020 for the HUR claim, upon government approval of this assessment report.

The geochemical sampling program consisted of fourteen (14) rock samples taken from outcrop for litho-geochemical sampling. The main objective of the geochemical sampling program was to characterize the intrusive, volcanic, and sedimentary rock types to the northeast of the Galore Creek Valley.

Samples were collected from as unaltered rock as possible, and were briefly mapped for lithology, and any alteration or mineralization observed. Samples were bagged in poly sample bags, zip strapped, and flown to Schaft Creek Camp, where they were stored in a secure location till shipment. Samples were shipped to Acme Laboratories Smithers, and analyzed at Acme Laboratories, Vancouver. In addition to the rock outcrop samples, control samples were inserted into the sample batch at an approximate interval rate of one standard, and one blank every 12 samples.

Helicopter support for the project was provided by Pacific Western Helicopters, of Prince George, BC. The following helicopter was supplied under charter arrangement or sublease: one Eurocopter (Astar) AS350B2.

## **6.0 GEOLOGY**

### **6.1 Regional Geology**

The following description of the regional geology is an excerpt from Simpson (2003). It has been divided into three parts: stratigraphy, intrusives, and structure.

The Galore Creek deposits lie in Stikinia Terrane, an accreted package of Mesozoic volcanic and sedimentary rocks intruded by Cretaceous to Eocene plutonic and volcanic rocks. The eastern boundary of the Coast Plutonic complex lies about 7 kilometres to the west of the claims. The property lies within a regional transcurrent structure known as the Stikine Arch.

#### **Stratigraphy**

Stikine Terrane at this latitude can be grouped into four tectonostratigraphic successions. The first, and most important one in this area, is a Late Paleozoic to Middle Jurassic island arc suite represented by the Stikine assemblage of Monger (1970), the Stuhini Group (Kerr, 1948) and Hazelton Group equivalent rocks. The other successions are; Middle Jurassic to early Late Cretaceous successor-basin sediments of the Bowser Lake Group (Tipper and Richards, 1976); Late Cretaceous to Tertiary transtensional continental volcanic-arc assemblages of the Sloko Group (Aiken, 1959); and Late Tertiary to Recent post-orogenic plateau basalt bimodal volcanic rocks of the Edziza and Spectrum ranges.

The oldest stratigraphy in the area is known as the Stikine assemblage and comprises Permian and older argillites, mafic to felsic flows and tuffs. These rocks grade upward into two distinctive Mississippian limestone members separated by intercalated volcanics and clastic sediments. The topmost stratigraphy consists of two regionally extensive Permian carbonate units which suggest a stable continental shelf depositional environment.

The Middle to Upper Triassic Stuhini Group unconformably overlies the Stikine assemblage. Stuhini Group rocks comprise a variety of flows, tuffs, volcanic breccia and sediments, and are important host rocks to the alkaline-intrusive related gold-silver-copper mineralization at Galore Creek. They define a volcanic edifice centered on Galore Creek and represent an emergent Upper Triassic island arc characterized by

shoshonitic and leucitic volcanics (de Rosen-Spence, 1985), distal volcanoclastics and sedimentary turbidites. The succession at Galore Creek was divided by Panteleyev (1975) into a submarine basalt and andesite lower unit overlain by more differentiated, partly subaerial alkali-enriched flows and pyroclastic rocks.

A fault-bounded wedge of unnamed Jurassic sediments unconformably overlies the Stuhini Group rocks. Within this unnamed Jurassic succession is a basal purple to red polymictic boulder and cobble conglomerate with an arkosic matrix. It contains granitic clasts including distinctive Potassium feldspar porphyries that are Galore Creek equivalents.

### **Intrusives**

Three intrusive episodes have been recognized in the region. The earliest and most important is the Middle Triassic to Middle Jurassic Hickman plutonic suite that is coeval with Upper Triassic Stuhini Group volcanic flows. The Mount Hickman batholith comprises three plutons known as Hickman, Yehinko and Nightout. The latter two are exposed north of the map area. The Schaft Creek porphyry copper deposit is associated with the Hickman stock, and is located 39 km northeast of Galore Creek. This stock is crudely zoned with a pyroxene diorite core and biotite granodiorite margins. Alkali syenites of the Galore complex like those found at the nearby Copper Canyon deposit and the pyroxene diorite bodies of the zoned Hickman pluton have been interpreted as differentiated end members of the Stuhini volcanic-Hickman plutonic suite, by Souther (1972) and Barr (1966). The alkali syenites are associated with important copper-gold-silver mineralization at Galore Creek and at Copper Canyon. These rocks are believed to be at least as old as Early Jurassic in age, based on K-Ar dating of hydrothermal biotite in the syenites intruding the sequences (Allen, 1966). An Ar-Ar age of 212 Ma (Logan et al., 1989) in syenite may give the time of crystallization of the intrusive rocks at Copper Canyon, to the east of Galore Creek. More recent U-Pb dates of Galore Creek syenites have given ages ranging from 205-210 Ma (Mortensen, 1995).

Coast Range intrusions comprise the large plutonic mass west of the map area. Three texturally and compositionally distinct intrusive phases were mapped by previous workers. From inferred oldest to youngest, they are potassium feldspar megacrystic granite to monzonite; biotite hornblende diorite to granodiorite; and biotite granite. Small tertiary intrusive stocks and dikes are structurally controlled in their distribution. At Galore Creek young post-mineral basalt and felsite dikes are abundant as a dike

swarm in the northwest part of the property. Elsewhere, Tertiary intrusions may be important in their association with small gold occurrences.

### **Structure**

The regional geology has been affected by polyphase deformation and four main sets of faults. The oldest phase of folding is pre-Permian to post-Mississippian and affected the Paleozoic rocks between Round Lake and Sphaler Creek. This deformation is characterized by bedding plane parallel foliation in sediments and fragment flattening in volcanics. Pre-Late Triassic folding is characterized by large, upright, tight to open folds with north to northwest trend of axial plane traces and westerly fold vergence. Metamorphism accompanying the first two phases of deformation reached greenschist facies. The third phase of folding is manifested as generally upright chevron folds with fold axes pointed west-northwesterly.

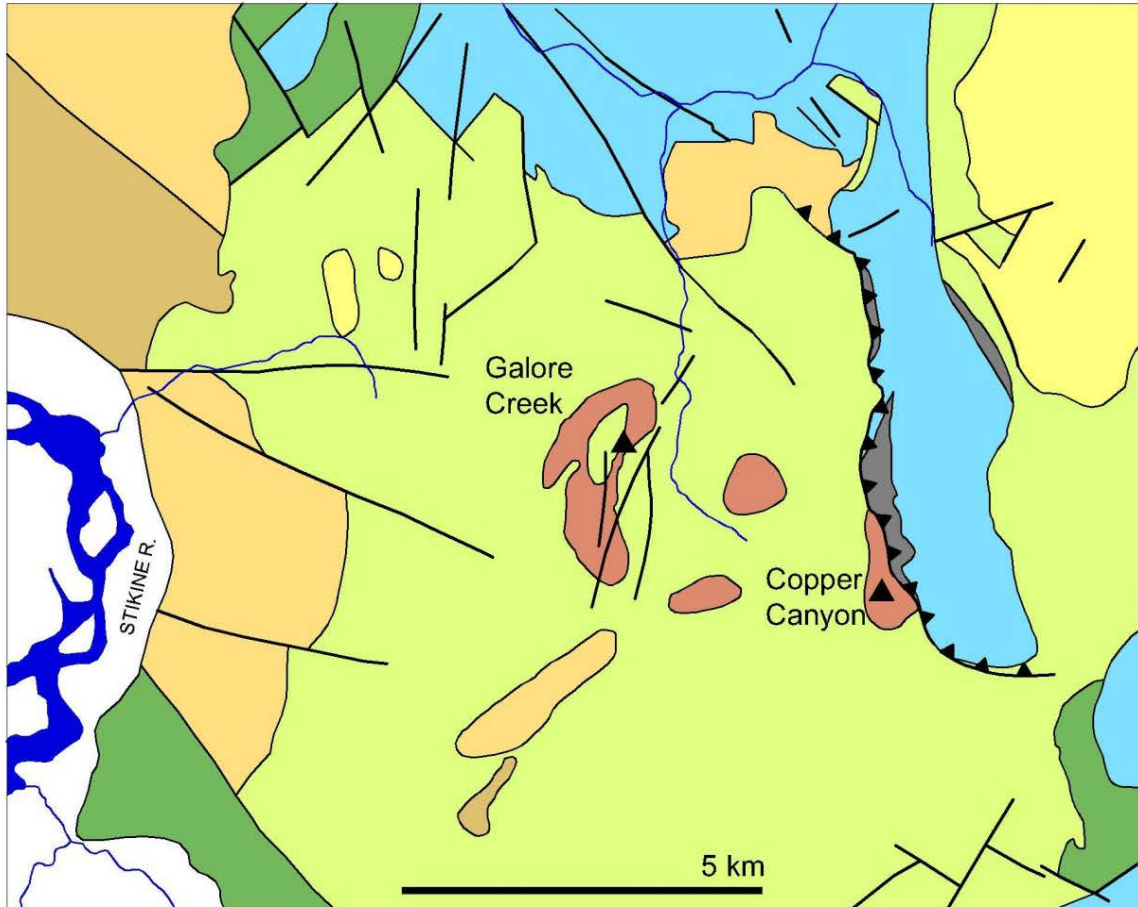
The oldest and longest-lived fault structures in the area have a north strike and sub-vertical dip. The best example occurs on the west flank of the Hickman batholith, where a major fault juxtaposes Permian limestone with a narrow belt of Stuhini Group volcanics. The second important fault type occurs at Copper Canyon as a west directed thrust fault with a north strike and east dip of 30 to 50 degrees. It juxtaposes overturned Permian limestone and Middle Triassic shale with Stuhini volcanics below. Early to Middle Jurassic syenite intrusions occupy this contact. A third important set of faults with north-west strike mark the boundary between Upper Triassic and Paleozoic rocks between Scud River and Jack Wilson Creek. The youngest faults have a northeast strike direction and are of great local importance. At Galore Creek, some of these faults show considerable post-mineral movement of up to 200 metres while others appear to control the emplacement of mineralized intrusive phases and breccia bodies.

## **6.2 Property Geology**

The Galore Creek intrusive-volcanic complex is composed of multiple intrusions emplaced into volcanic and sedimentary rocks of similar composition. Country rocks to the syenite intrusions are volcanic flows and volcanoclastic sediments, with subordinate greywacke, siltstone and local conglomerate (Enns et al., 1995). Augite-bearing volcanic flows and tuffs underlie and are interbedded with the pseudoleucite-bearing and orthoclase-bearing flows, tuffaceous and

fragmental units, which are prominent in the south and southwest parts of the complex (Enns et al., 1995). Multiple alkali syenite intrusive phases occur in the complex and are divided into the pre- to syn-mineralization intrusives (i1 to i4), syn- to post-mineralization intrusives (i5 to i9) and post-mineralization intrusives (i10 to i12). The complex is centered in the west fork of Galore Creek and is approximately 5 kilometres in length and 2 kilometres in width. To date, twelve copper-gold-silver mineralized zones have been identified on the property. Most zones, including the Central, North Junction, Junction, Middle Creek, West Rim, Butte and South 110, occur in highly altered volcanic rocks and to a lesser degree in syenite intrusions. The Southwest, Opulent, and Saddle zones are hosted by breccias and the North Rim and West Fork zones occur within syenite intrusions.

Figure 4: Geological map of the Copper Canyon and Galore Creek area (adapted from Enns et al., 1995, and Logan and Koyanagi, 1994, by Twelker, 2007)



**Intrusive rocks**

- Hyder Suite (Eocene)
- Texas Creek Suite (Jurassic)
- Copper Mountain Suite (Tr-J)
- Stikine Suite (Triassic)

**Volcanic and sedimentary rocks**

- Stuhini Group (Upper Triassic)
- Shale and argillite (Middle Triassic)
- Limestone (Permian)
- Stikine assemblage (Devonian-Permian)

## **7.0 GEOCHEMICAL SAMPLING**

### **7.1 Introduction**

The 2014 geochemical sampling program at Galore Creek was carried out between July 12, 2014 and August 3, 2014. The sampling program consisted of fourteen (14) rock outcrop samples taken for lithochemical sampling with the GCMC claim block group. The main objective of the sampling program was to characterize the intrusive, volcanic, and sedimentary rock types outside of the main Galore Creek deposit.

Geochemical samples were collected during geological mapping by geologists Leif Bailey and Shiro Rae. Typically one or two samples were collected during each traverse, representing the major rock type(s) encountered on that traverse. At each sample location, approximately 3-5kg of rock was chipped using a hammer and collected for lithochemical sampling. Effort was made to ensure that the least-weathered, least-altered material was collected. An additional small fist-size sample was also collected for reference. All samples were given field descriptions of lithology, and alteration and mineralization (where present). Samples were bagged in poly sample bags, zip strapped, and flown to Schaft Creek Camp, where they were stored in a secure location until shipment.

Samples were shipped to Acme Labs for preparation and analysis. Sample preparation was conducted in Smithers, and analysis was conducted in Vancouver. Sample preparation consisted of typical drying, crushing, splitting, and pulverizing (Prep Code PRP80-1000). Samples were then analyzed by two analytical methods: 1 – whole rock lithochemistry by lithium borate fusion with ICP-ES and ICP-MS analyses on separate splits, with C and S determined by Leco (Analysis Codes LF302 and LF100); and 2 – aqua regia digestion with ICP-MS analysis (Analysis Code AQ252-EXT). The combination of these geochemical methods provides a complete characterization of the major, minor, and trace element composition of the sample.

Geochemical quality control was monitored by inserting two lithochemical standards of known composition and two blank samples of known composition into the sample batch at an approximate interval rate of one standard, and one blank every 12 samples. These standards and blanks were added to monitor the accuracy and cleanliness of the laboratory. The standard analyses indicate that the sample batch results are reporting within the acceptable failure limit of 3 standard deviations. The results of the blank analyses indicate that there is no evidence of cross-contamination within the sample batch.

The location information for the geochemical samples is provided in Table 4. Eastings and northings for samples were recorded in the field using a handheld GPS with 3 to 5 metres accuracy.

**Table 4 – 2014 Galore Creek Geochemical Sample Locations**

Sample ID	UTM* East	UTM* North	Claim #	Claim Name
1143809	370042	6352128	976004	Huron 014
1143811	367605	6350882	976007	Huron 016
1143812	362752	6353429	976467	Huron 056
1143813	361674	6348433	501603	SPC15
1143816	358584	6347377	501583	SPC14
1143817	361210	6343156	501454	SPC09
1143819	361950	6341868	501401	SPC07
1143821	358197	6338691	516283	
1143822	359976	6346548	501341	SPC06
1143824	365297	6350886	976007	Huron 016
1143825	357464	6341081	1016352	MAC
1143826	356975	6341752	1016352	MAC
1143827	355739	6339546	516284	
1143829	354771	6338483	404921	GRACE 4

\*UTM NAD 83 Zone 9

## 7.2 Summary of Geochemical Results

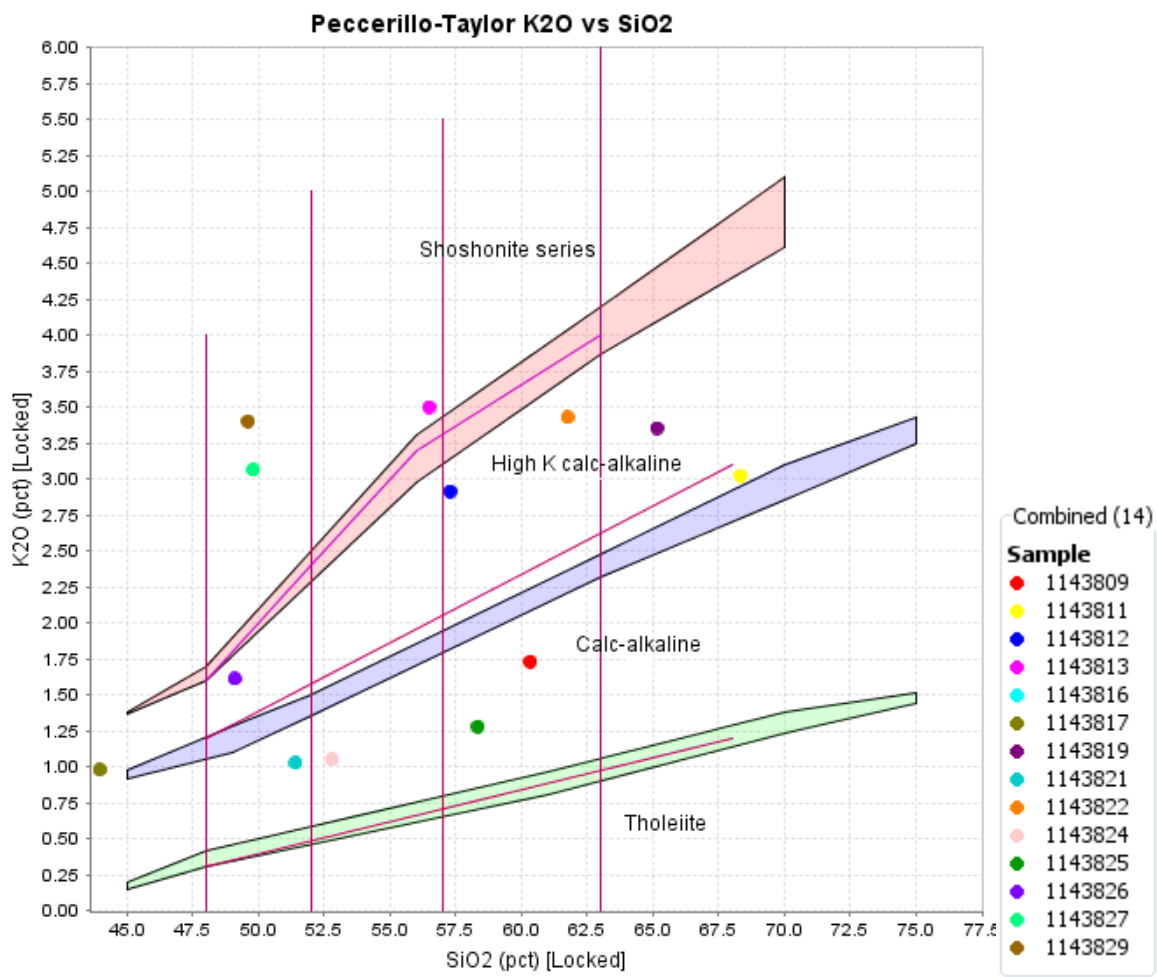
The following section describes the mapped lithology, alteration and mineralization where present, as well as the litho-geochemical results of the rock samples taken on the GCMC claims (from Table 4). Acme Labs assay certificates and analytical protocols are located in Appendices IV and V, respectively. A map of the locations of the geochemical samples can be found in Figure 3.

The fourteen samples submitted for this program represent a wide variety of rock types; however no alkaline rock types distinctive of the Galore complex were encountered outside of the immediate Galore Creek valley. The majority of the intrusives encountered during the field program, to the northeast of the Galore Creek valley, are part of the Hickman Batholith.



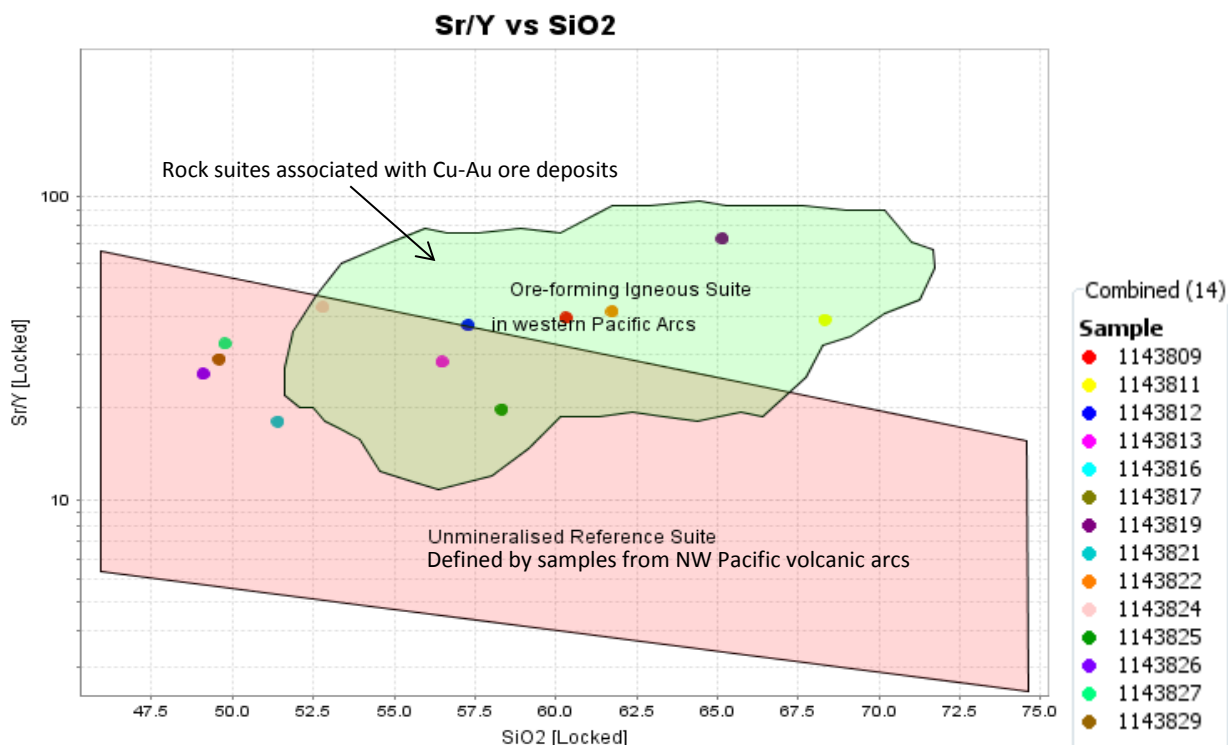
The variability of the rock types encountered can be illustrated using geochemical discrimination diagrams, such as Figure 5 below. The volcanic and volcanoclastic rocks (samples 1143824 and 1143825) are compositionally similar to a sub-alkaline to calc-alkaline volcanic rocks derived from an island arc setting. In contrast, the majority of the intrusive rocks of the Hickman Batholith (samples 1143811, 1143812, 1143813, 1143817, 1143819, and 1143822) have a somewhat different composition that is more comparable to high-K calc-alkaline to shoshonitic rocks. This modest difference in composition between these rocks reflects the tectonic evolution of volcanism in the Stikine Terrane.

Figure 5. Subdivision of Subalkalic Rocks using K<sub>2</sub>O vs. Silica (from Peccerillo and Taylor, 1976; Ewart, 1982; Innocenti et al., 1982; Carr, 1985; and Middlemost, 1985; summarized by Rickwood, 1989, in Rollinson, 1993).



Elevated Sr/Y ratios in intrusive rocks have been proposed as an indicator of magma fertility that is linked to the formation of Cu-Au porphyry systems (Rohrlach & Loucks, 2005). The plotted Sr/Y ratio vs. SiO<sub>2</sub>% values of all fourteen rock samples can be found on the discriminant plot below (Figure 6). Almost all of the intrusive rock samples from the Hickman Batholith (1143809, 1143811, 1143812, 1143813, 1143819, and 1143822) contain elevated Sr/Y ratios that plot within the field defined by rock suites associated with Cu-Au pre deposits (“Ore-forming Igneous Suite in western Pacific Arcs” on figure 6 below); however only five of these samples (1143809, 1143811, 1143812, 1143819, and 1143822) are outside of the range of the unmineralized reference samples.

Figure 6. Sr/Y Ratio vs. Silica as an Indicator for Magma Fertility (from Cohen et al., 2010 modified from Rohrlach & Loucks, 2005).



Assay results and mapped rock types from all fourteen samples are presented below in Table 5. There were no significant Cu, Au or Ag assay values obtained from any of the fourteen rock samples, as care was taken to sample the freshest, least altered rock for proper whole-rock analyses and litho-geochemical characterization. Very slightly elevated copper values (100-210 ppm Cu) were obtained for two samples collected within the Hickman Batholith (samples

1143813 – 208.85 ppm Cu, and 1143817 – 104.45 ppm Cu) and in volcanic rock adjacent to the Batholith (sample 1143826 – 109.89 ppm). Slightly elevated gold and silver values are also found in these samples. No other enrichment of commodity or pathfinder elements is obviously apparent in the analytical results.

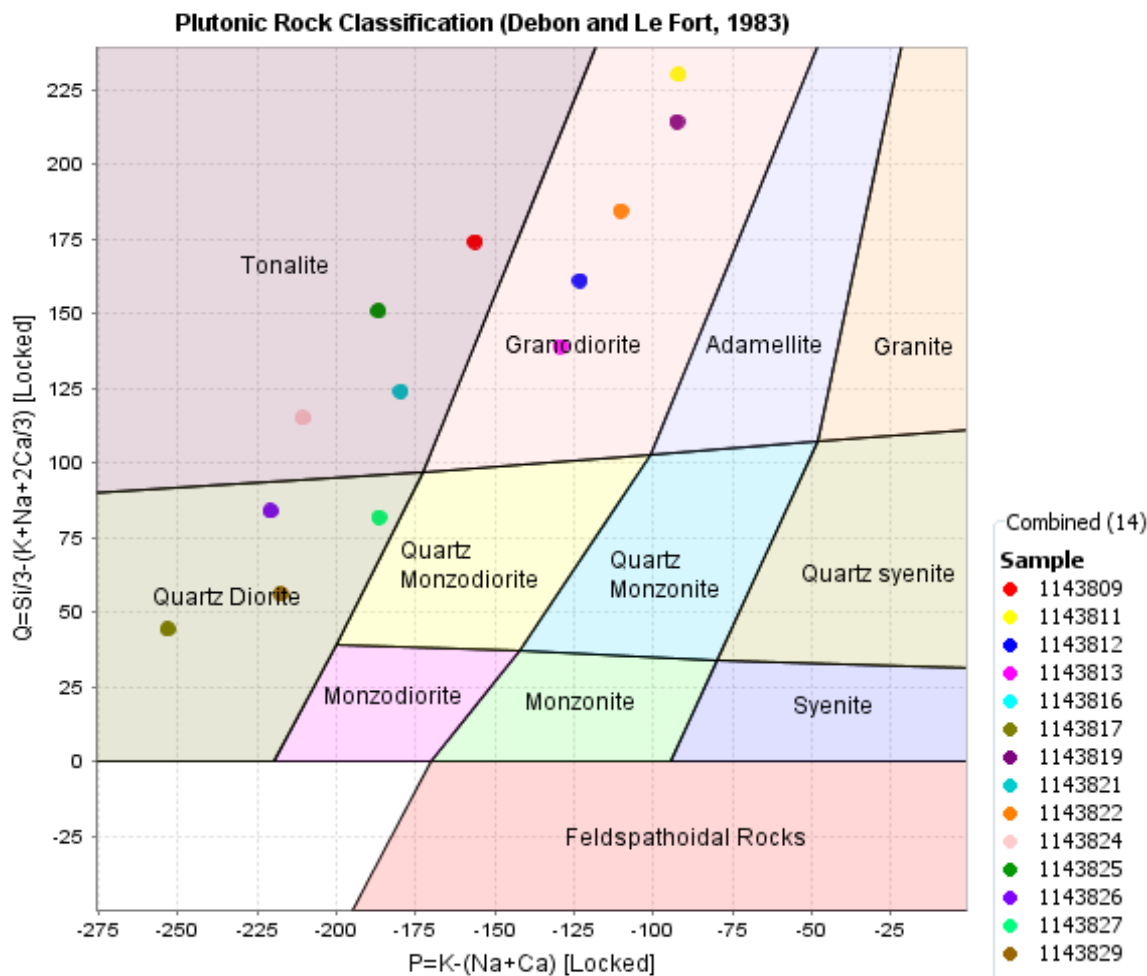
**Table 5 – Geochemical Sample Lithology and Assay Results**

Sample ID	UTM* East	UTM* North	Mapped Rock Type	Cu %	Au g/t	Ag g/t
1143809	370042	6352128	Granodiorite	0.001648	0.0007	0.015
1143811	367605	6350882	Monzonite	0.000985	0.0005	0.03
1143812	362752	6353429	Diorite	0.003777	0.001	0.03
1143813	361674	6348433	Diorite	0.020885	0.0034	0.051
1143816	358584	6347377	Limestone	0.000071	0.0002	0.003
1143817	361210	6343156	Diorite	0.010445	0.0144	0.1
1143819	361950	6341868	Granodiorite	0.002175	0.0006	0.035
1143821	359976	6346548	Sandstone	0.007691	0.0003	0.037
1143822	365297	6350886	Granodiorite	0.003558	0.0024	0.036
1143824	357464	6341081	Volcaniclastic	0.004361	0.0009	0.032
1143825	356975	6341752	Volcaniclastic	0.001168	0.0002	0.01
1143826	355739	6339546	Basalt	0.010989	0.003	0.117
1143827	354771	6338483	Conglomerate	0.008891	0.0019	0.106
1143829	354784	6336721	Conglomerate	0.003189	0.0005	0.028

\*UTM NAD 83 Zone 9

All samples were plotted on a Plutonic Rock Classification diagram (see Figure 7 below) to verify the mapped sample lithologies, in particular of the intrusives. Brief descriptions for each geochemical sample can be found following Figure 7.

Figure 7. Plutonic Rock Classification (Debon & Le Fort, 1983).



### 7.2.1 Sample 1143809

Sample 1143809 was taken from outcrop mapped as a granodiorite, with hematite alteration that is likely related to a nearby fault. This intrusive is from the regional Hickman Batholith. No visible mineralization was recorded. Lithochemical analysis characterizes this sample as a granodiorite on a Plutonic Rock Classification diagram (Debon & Le Fort, 1983) (see Figure 7 above). The Sr/Y ratio of sample 1143809 plots within the zone of rock suites associated with Cu-Au deposit formation on the Sr/Y vs. silica discriminant plot (Figure 6). The Sr/Y ratio in this sample is not unusual for an intrusion originating from the Hickman stock, as the Hickman intrusions are known to be ore-forming within porphyry deposits in the area (Schaft Creek). The sample, however, does not contain elevated Cu, Au, or Ag values.

### **7.2.2 Sample 1143811**

Sample 1143811 was taken from outcrop near the 'Alberta' MINFILE showing (104G 006). It was visually identified as monzonitic to syenitic in composition, with no visible mineralization. The sample originates from the Hickman Batholith, and plots as a granodiorite in composition on a Plutonic Rock Classification diagram (Figure 7). The Sr/Y ratio for this sample is elevated in comparison to the majority of samples. On the Sr/Y vs. silica discriminant plot (Figure 6), sample 1143811 falls within the zone delineated by the Sr/Y ratios of rock suites associated with Cu-Au ore deposits of northwestern Pacific Arcs. This sample does not contain elevated Cu, Au, or Ag values.

### **7.2.3 Sample 1143812**

Sample 1143812 was taken from outcrop identified as a megacrystic, plagioclase-phyric diorite, from the Hickman Batholith, with no alteration minerals visible. No mineralization was observed. The sample composition plots as a granodiorite (Figure 7) and the Sr/Y ratio of the sample plots within the zone of the ore-forming igneous suites, on the Sr/Y vs. SiO<sub>2</sub> diagram (Figure 6). The sample does not contain elevated Cu, Au, or Ag values.

### **7.2.4 Sample 1143813**

Sample 1143813 was taken from outcrop mapped as a megacrystic, plagioclase-phyric diorite, with K-feldspar alteration. No mineralization was noted; however this sample was one of two with a slightly elevated copper value (208.85ppm). The gold and silver assays are very slightly elevated as well at 0.0034 g/t and 0.051 g/t, respectively. The Sr/Y ratio of this sample falls within the zone where the unmineralized reference suite overlaps with the ore-forming igneous suites. The sample plots as a granodiorite on the Plutonic Rock Classification diagram (Figure 7), and originates from the Hickman Batholith.

### **7.2.5 Sample 1143816**

Sample 1143816 was taken from outcrop identified as a limestone. No mineralization was observed. The sample does not plot on any of Figures 5-8, as its composition is not applicable for use on these discriminant plots. The sample does not contain elevated Cu, Au, or Ag values.

### **7.2.6 Sample 1143817**

Sample 1143817 was taken from outcrop identified as a fresh megacrystic, plagioclase-phyric diorite, from the Hickman Batholith, with no alteration minerals visible. No mineralization was noted. The sample plots as a quartz diorite (Figure 7), and has elevated copper, gold, and silver values at 104.45 ppm Cu, 0.0144 g/t Au, and 0.1 g/t Ag. The gold and silver values are the

highest of the assay results from the fourteen samples taken for geochemical analysis. The Sr/Y ratio of the sample does not plot within either the unmineralized reference suites or the ore-forming igneous suites; however the ratio is closest to the range from the unmineralized reference suite (Figure 6).

#### **7.2.7 Sample 1143819**

Sample 1143819 was taken from outcrop mapped as a fresh granodiorite intrusive, with no visible alteration or mineralization. On the Sr/Y vs. silica discriminant plot (Figure 6), sample 1143819 falls within the zone delineated by the Sr/Y ratios of rock suites associated with Cu-Au ore deposits of northwestern Pacific Arcs, and is outside of the zone delineated by the unmineralized reference suite. As this sample originates from the Hickman Batholith, its Sr/Y ratio is not unusual. This sample, however, does not contain elevated Cu, Au, or Ag values.

#### **7.2.8 Sample 1143821**

Sample 1143821 was taken from outcrop identified as fine-grained sandstone, with chlorite-hematite alteration. No mineralization was observed. The Sr/Y ratio of this sample falls within the range of the unmineralized reference suite, and there were no significant assay results for this sample.

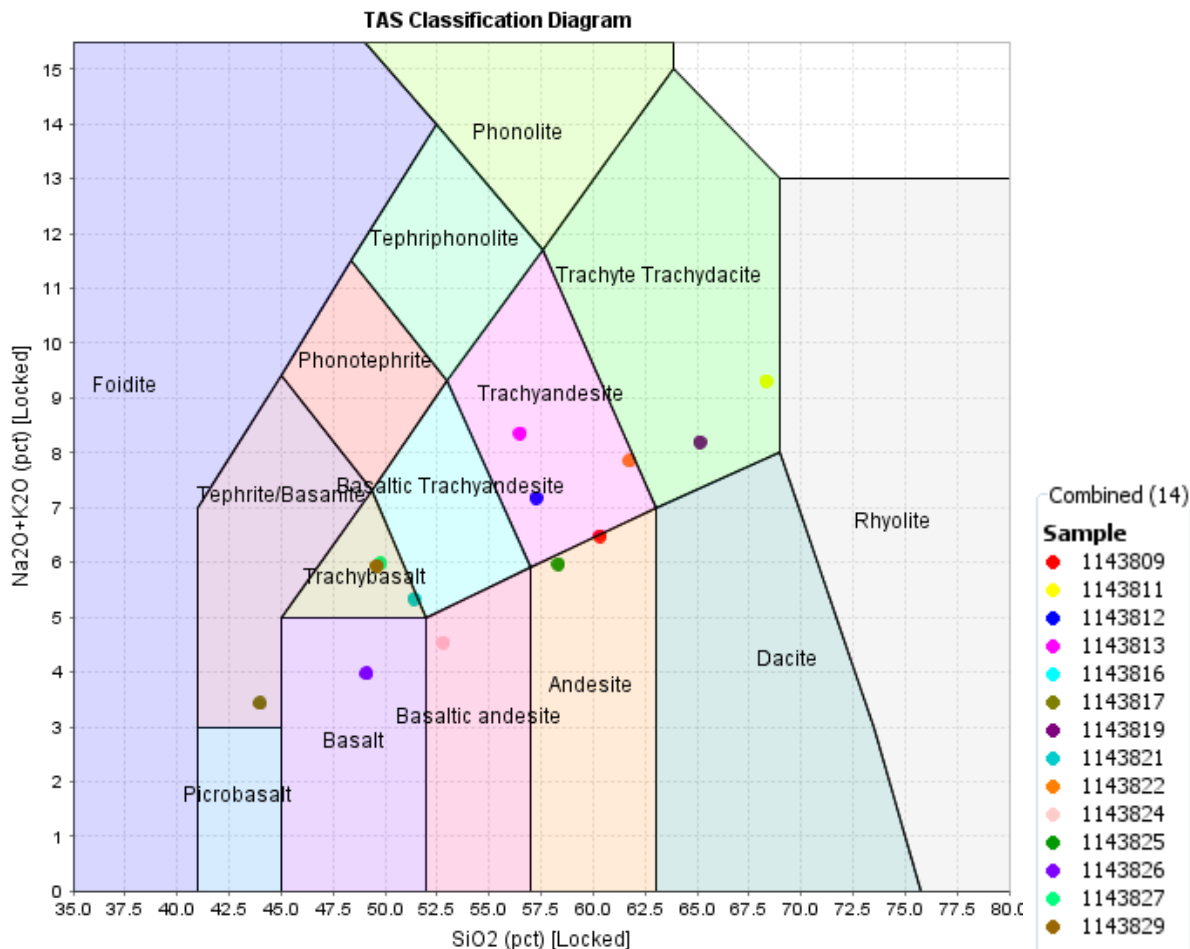
#### **7.2.9 Sample 1143822**

Sample 1143822 was taken from outcrop identified as a granodiorite with moderate chlorite and K-feldspar alteration. This intrusive originates from the regional Hickman Batholith. No visible mineralization was recorded. Litho-geochemical analysis also characterizes this sample as a granodiorite on a Plutonic Rock Classification diagram (Figure 7). On the Sr/Y vs. silica discriminant plot, sample 1143822 falls within the zone delineated by the Sr/Y ratios of rock suites associated with Cu-Au ore deposits of northwestern Pacific Arcs (Figure 6), and is outside of the zone delineated by the unmineralized reference suite. This sample does not contain elevated Cu, Au, or Ag values.

#### **7.2.10 Sample 1143824**

Sample 1143824 was taken from outcrop described as a relatively fresh, volcanoclastic andesite. The sample is characterized as a basaltic andesite on the TAS (total alkali vs. silica) diagram below (Figure 8). The Sr/Y ratio of sample 1143824 plots just outside of the range of the reference ore-forming igneous suites, and is within the overlapping area of this zone with the unmineralized reference suites. The sample does not contain elevated Cu, Au, or Ag values.

Figure 8. Volcanic Rock Total Alkali vs. Silica (Le Maitre et al, 1989, in Rollison, 1993).



### 7.2.11 Sample 1143825

Sample 1143825 was taken from outcrop also mapped as a relatively fresh volcanoclastic andesite. On the TAS diagram above (Figure 8) sample 1143825 is characterized as an andesite. The Sr/Y ratio of this sample falls within the zone where the unmineralized reference suite overlaps with the ore-forming igneous suites. The sample does not contain anomalous Cu, Au, or Ag.

### 7.2.12 Sample 1143826

Sample 1143826 was taken from outcrop identified as an augite-phyrlic volcanic to volcanoclastic basalt. The sample is characterized as basalt on the TAS (total alkali vs. silica) diagram above (Figure 8). The Sr/Y ratio of sample 1143826 falls within the range of the unmineralized

reference suite, and completely outside the range of the Cu-Au ore-forming reference suites. The sample has slightly elevated copper, gold, and silver values at 109.89 ppm Cu, 0.003 g/t Au, and 0.117 g/t Ag. This sample is one of three with elevated metal content.

#### **7.2.13 Sample 1143827**

Sample 1143827 was taken from outcrop described as a volcanoclastic breccia, or an epiclastic conglomerate. Its Sr/Y ratio is within the range of the unmineralized reference suites. The sample does not have elevated copper or gold content, but it does have slightly elevated silver at 0.106 g/t. The sample cannot be accurately characterized on the rock classification diagrams as it is possibly polyolithic.

#### **7.2.14 Sample 1143829**

Sample 1143829 was taken from outcrop identified as an epiclastic conglomerate. This sample plots similarly to sample 1143827 – with a Sr/Y ratio within the range of the unmineralized reference suite. The sample does not contain elevated metal (copper, gold, or silver) content, and it cannot be accurately characterized on rock classification diagrams as it is possibly polyolithic.



## **8.0 DISCUSSION AND CONCLUSIONS**

During the 2014 field season, a total of 14 rock samples were collected on the GCMC claim package, to the northeast of the main Galore Creek deposit, for lithochemical analysis and assaying.

The main objectives of the geochemical sampling program were to characterize the unknown volcanic, intrusive, and sedimentary rocks in areas adjacent to the known mineralized zones of the Galore Creek deposit.

The samples represent a wide variety of rock types, and the analytical results reflect this geochemical variability. No Galore Creek deposit lithologies were mapped or sampled to the northeast, outside of the immediate Galore valley. No significant mineralization was encountered in the rock samples; however slightly elevated copper, gold, and silver values were found within the Hickman intrusive units and the volcanic rocks adjacent to these intrusives. The results demonstrate that most of the Hickman intrusive units sampled fall within the range of Sr/Y ratios linked with fertile magma and the formation of Cu-Au porphyry systems (Rohrlach & Loucks, 2005). This is not unexpected given the known association between the Hickman Batholith and the mineralization at the Schaft Creek porphyry deposit.

Only a small section of the GCMC claim package was able to be mapped and sampled during the 2014 field season. Future work should focus on the continued identification and mapping of rock types outside of the main Galore Creek valley, and an effort to identify potential porphyry-style deposit settings. Additional field mapping could identify further Hickman intrusive units within the area, and refine understanding of the role of these intrusives in regional porphyry environments.

## **APPENDIX I**

## **REFERENCES**

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## **APPENDIX II**

### **STATEMENT OF EXPENDITURES**

## Statement of Expenditures

### Galore Creek Geochemical Sampling program

**Period of Field Work:** July 12, 2014 to August 3, 2014

**Work Performed on Claims:** 976004, 976007, 976467, 501603, 501583, 501454, 501401, 501341, 1016352, 516284, 404921, and 404922

---

#### Indirect Sampling Costs:

Helicopter Support – Pacific Western Helicopters  
Astar 350B2 (\$1498/hr) – 16 hours \$23,968

Helicopter Fuel (\$1.70/litre)  
Astar 350B2 rate – 190 litres/hr, 3040 litres \$5,168

Transportation – Airfare: Vancouver-Smithers-Dease Lake  
Roundtrip, two people: (\$975/one way, per person) \$3,900

#### Camp Support Costs:

Helicopter, fuel, food, safety, and maintenance crews  
Camp accommodation rate per day: \$340 (2 crew/day, 12 days) \$8,160

#### Sample Assaying and Freight Costs:

Acme Labs (14 samples) \$980  
Bandstra \$252

#### Geochemical Sampling and Report Preparation Costs:

Geologists Leif Bailey and Shiro Rae (July 12, 2014 to August 3, 2014) \$17,850  
Report preparation (GCMC) \$4,000

---

Subtotal: **\$64,278**

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**TOTAL WORK AVAILABLE FOR ASSESSMENT CREDIT: \$64,278**  
**FUNDS DEBITED FROM PAC (211373) \$27,150.41**  
**Total Assessment Work Applied to Mineral Claims: \$91,428.41**  
**Event Number: 5518342**

## **APPENDIX III**


### **STATEMENT OF QUALIFICATION**

## GEOLOGIST'S CERTIFICATE

I, Sarah L. Henderson, do hereby certify that:

1. I am a geologist in the minerals exploration industry employed by:  
Galore Creek Mining Corporation  
3300-550 Burrard Street  
Vancouver, BC, V6C 0B3
2. I graduated from the University of British Columbia, Vancouver, British Columbia, with a Bachelor of Science degree in Earth and Ocean Science in 2009.
3. I have practiced my profession with exploration companies in British Columbia and Ontario, Canada for five years. I've worked continuously for the last three and a half years on the Galore Creek Project, B.C.
4. I am the author of the '2014 Geochemical Assessment Report on the Galore Creek Property', dated November, 2014.
5. The Assessment Report is based on site visits, information provided by independent consultants under contract to the Galore Creek Mining Corporation, historical reports, and from information available from public files.
6. I have no interest in the property herein.

Dated at Vancouver, British Columbia, Canada this 5<sup>th</sup> day of November, 2014.

  
\_\_\_\_\_  
Sarah L. Henderson



## **APPENDIX IV**

### **ASSAY CERTIFICATES** **(Attached Digitally)**

## **APPENDIX V**

### **ANALYTICAL PROCEDURES** **(Attached Digitally)**



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9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
PHONE (604) 253-3158

Client: **Teck Resources Limited**  
Suite 3300, 550 Burrard St.  
Vancouver BC V6C 0B3 CANADA

Submitted By: Michael Buchanan and Liz Stock  
Receiving Lab: Canada-Smithers  
Received: August 29, 2014  
Report Date: September 23, 2014  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

SMI14000604.1

### CLIENT JOB INFORMATION

Project: RB02-9001  
Shipment ID: SSG\_2014\_001  
P.O. Number  
Number of Samples: 29

### SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage  
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: **Teck Resources Limited**  
Suite 3300, 550 Burrard St.  
Vancouver BC V6C 0B3  
CANADA

CC:

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP80-1KG	27	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
LF200	29	Whole Rock Analysis Majors and Trace Elements	0.2	Completed	VAN
AQ250-EXT	29	1:1:1 Aqua Regia Digestion - Ultratrace ICP-MS analysis	0.5	Completed	VAN

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.  
\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

**CERTIFICATE OF ANALYSIS**

**SMI14000604.1**

Method	WGHT	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	
Analyte	Wgt	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Sc	LOI	Sum	Ba	Cs	Ga	Hf	Nb	
Unit	kg	%	%	%	%	%	%	%	%	%	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	1	-5.1	0.01	1	0.1	0.5	0.1	0.1	
1143809	Rock	3.73	55.46	16.80	5.82	1.77	5.06	4.37	1.59	0.71	0.26	0.10	0.005	12	7.8	99.74	865	5.4	16.0	3.3	5.4
1143811	Rock	3.01	66.90	15.85	3.51	0.63	1.26	6.15	2.96	0.42	0.13	0.06	0.002	6	1.9	99.81	878	2.0	15.1	3.8	4.6
1143812	Rock	4.00	55.43	17.39	7.28	3.74	4.64	4.12	2.82	0.84	0.34	0.13	0.006	18	2.9	99.68	939	1.1	15.9	3.5	4.6
1143813	Rock	3.21	55.04	19.67	6.25	1.90	4.82	4.73	3.41	0.87	0.62	0.11	<0.002	11	2.2	99.65	1114	1.5	18.1	5.4	13.1
1143816	Rock	2.77	0.80	0.14	0.17	3.31	51.67	<0.01	0.04	<0.01	0.32	0.01	<0.002	<1	43.4	99.92	11	<0.1	<0.5	<0.1	0.1
1143817	Rock	2.88	43.02	19.23	11.96	5.04	12.30	2.40	0.96	1.03	1.81	0.14	0.004	19	1.8	99.66	327	1.5	18.0	1.1	1.7
1143819	Rock	2.27	64.28	16.33	4.45	1.94	2.78	4.77	3.31	0.49	0.20	0.08	0.004	7	1.0	99.67	1309	2.1	14.9	3.6	4.3
1143821	Rock	2.94	49.51	17.00	9.69	7.13	6.55	4.15	0.99	0.97	0.16	0.18	0.015	32	3.4	99.72	453	0.6	13.1	1.6	1.8
1143822	Rock	4.96	60.51	16.42	5.62	2.65	4.14	4.34	3.36	0.62	0.23	0.11	0.005	12	1.7	99.70	1104	1.0	15.0	4.0	4.6
1143824	Rock	6.56	51.80	18.69	9.15	3.58	9.11	3.42	1.03	0.94	0.28	0.17	<0.002	15	1.6	99.73	424	0.8	17.0	1.5	3.5
1143825	Rock	5.88	57.57	17.81	7.03	2.28	6.91	4.63	1.26	0.81	0.29	0.16	<0.002	12	1.1	99.80	556	0.7	15.8	2.0	4.6
1143826	Rock	4.61	48.14	13.03	11.34	9.18	10.98	2.32	1.58	0.91	0.26	0.22	0.052	35	1.6	99.65	488	1.0	13.4	1.5	3.1
1143827	Rock	3.44	46.61	13.47	9.95	7.51	9.03	2.74	2.87	0.81	0.36	0.22	0.033	33	6.0	99.64	899	1.1	11.4	1.2	3.5
1143829	Rock	2.80	45.79	11.52	8.40	9.09	11.02	2.34	3.14	0.52	0.33	0.16	0.066	36	7.3	99.66	837	3.6	8.6	0.9	3.7



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 Suite 3300, 550 Burrard St.  
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Project: RB02-9001  
 Report Date: September 23, 2014

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Page: 2 of 2

Part: 2 of 4

**CERTIFICATE OF ANALYSIS**

**SMI14000604.1**

Method	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	
Analyte	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	
1143809	Rock	43.0	<1	587.3	0.3	3.0	1.6	134	<0.5	126.7	14.8	16.3	31.3	3.98	16.8	3.62	1.10	3.25	0.48	2.94	0.57
1143811	Rock	69.4	<1	398.6	0.4	5.8	2.2	72	1.0	124.7	10.2	13.8	25.5	3.02	12.1	2.14	0.63	2.14	0.32	1.86	0.35
1143812	Rock	63.7	<1	639.3	0.3	3.3	1.5	197	<0.5	124.0	17.0	14.4	30.3	3.82	16.1	3.56	1.06	3.64	0.57	3.28	0.65
1143813	Rock	86.7	<1	724.6	0.7	3.7	2.4	124	1.4	221.6	25.5	23.3	47.4	6.01	25.0	5.33	1.32	5.19	0.80	4.67	0.91
1143816	Rock	0.6	<1	120.1	<0.1	<0.2	0.7	<8	<0.5	2.8	9.8	3.2	1.0	0.39	1.5	0.33	0.08	0.50	0.07	0.50	0.13
1143817	Rock	23.2	<1	936.7	0.1	2.0	0.9	355	0.5	37.5	25.7	16.6	37.8	5.46	26.1	6.30	1.64	6.63	0.95	5.22	0.94
1143819	Rock	77.4	<1	819.6	0.3	3.8	2.0	96	0.6	131.5	11.3	13.4	25.1	3.10	12.4	2.57	0.80	2.40	0.35	2.00	0.36
1143821	Rock	18.5	<1	337.5	0.1	0.7	0.5	243	<0.5	59.8	18.7	5.1	12.5	1.85	8.7	2.49	0.92	3.10	0.54	3.51	0.71
1143822	Rock	86.3	<1	626.1	0.3	3.5	1.5	130	<0.5	145.9	15.0	15.6	31.5	3.91	15.7	3.26	0.88	2.99	0.47	2.60	0.53
1143824	Rock	29.6	<1	769.9	0.2	0.8	0.4	242	0.5	45.6	17.9	7.7	15.9	2.31	10.9	2.87	1.07	3.32	0.56	3.28	0.68
1143825	Rock	22.6	<1	443.1	0.2	1.1	0.6	146	<0.5	64.8	22.4	10.6	21.6	2.96	13.3	3.41	1.22	3.74	0.61	3.74	0.78
1143826	Rock	29.8	<1	410.2	0.2	0.7	0.4	315	0.7	50.4	15.8	6.6	13.7	1.98	9.1	2.56	0.89	2.95	0.48	2.81	0.56
1143827	Rock	58.8	<1	424.7	0.2	0.8	0.4	278	1.2	38.4	13.0	6.6	12.2	1.69	8.1	1.99	0.69	2.41	0.41	2.56	0.52
1143829	Rock	64.9	<1	322.0	0.2	1.1	0.6	214	1.0	32.6	11.1	7.9	13.5	1.75	7.4	1.89	0.66	2.03	0.34	1.99	0.41

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

**CERTIFICATE OF ANALYSIS**

**SMI14000604.1**

Method	LF200	LF200	LF200	LF200	TC000	TC000	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
Analyte	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Cd	Sb	Bi	
Unit	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	
MDL	0.03	0.01	0.05	0.01	0.02	0.02	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.2	0.01	0.02	0.02	
1143809	Rock	1.50	0.23	1.51	0.25	1.49	<0.02	0.41	16.48	2.13	47.2	15	10.1	14.0	752	2.65	1.0	0.7	0.02	0.02	<0.02
1143811	Rock	1.05	0.15	1.12	0.17	0.28	<0.02	0.61	9.85	5.68	40.4	30	7.3	6.5	461	1.76	2.9	0.5	0.07	0.08	0.06
1143812	Rock	1.76	0.28	1.76	0.28	0.13	<0.02	0.27	37.77	2.13	45.6	30	17.1	15.3	620	3.24	2.2	1.0	0.04	0.22	0.03
1143813	Rock	2.69	0.40	2.54	0.41	0.03	<0.02	0.95	208.85	3.76	42.7	51	5.9	12.0	358	3.26	3.2	3.4	0.04	0.12	<0.02
1143816	Rock	0.35	0.05	0.31	0.05	12.27	<0.02	0.52	0.71	0.67	6.4	3	3.8	1.5	129	0.12	2.7	<0.2	0.96	0.20	<0.02
1143817	Rock	2.48	0.33	1.92	0.29	0.04	<0.02	0.27	104.45	2.06	33.4	100	22.6	24.1	315	5.94	3.6	14.4	0.03	0.07	0.04
1143819	Rock	1.08	0.17	1.10	0.18	0.08	<0.02	0.36	21.75	4.62	27.0	35	10.2	6.5	269	2.05	2.5	0.6	0.01	0.31	0.02
1143821	Rock	1.94	0.29	1.78	0.30	0.24	0.08	0.32	76.91	1.09	41.3	37	38.7	27.8	557	3.88	1.7	0.3	0.05	0.04	<0.02
1143822	Rock	1.47	0.22	1.42	0.24	0.14	<0.02	0.39	35.58	3.97	42.8	36	10.5	9.9	480	2.49	2.5	2.4	0.03	0.08	<0.02
1143824	Rock	1.98	0.29	1.78	0.28	0.05	0.02	0.30	43.61	0.96	27.3	32	2.9	8.8	364	2.59	0.9	0.9	0.01	0.04	<0.02
1143825	Rock	2.16	0.34	2.10	0.35	0.23	<0.02	0.12	11.68	1.19	31.7	10	1.9	7.6	485	2.59	1.2	<0.2	0.02	0.03	<0.02
1143826	Rock	1.57	0.24	1.48	0.24	0.09	<0.02	0.25	109.89	3.64	36.3	117	47.7	17.6	398	2.73	5.2	3.0	0.06	0.08	0.05
1143827	Rock	1.47	0.20	1.36	0.22	0.95	<0.02	0.21	88.91	1.89	94.2	106	57.7	26.7	1070	4.47	3.6	1.9	0.08	0.18	<0.02
1143829	Rock	1.11	0.17	1.14	0.17	1.33	<0.02	0.27	31.89	1.86	42.8	28	109.4	29.1	914	4.37	3.7	0.5	0.02	0.14	<0.02



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Part: 4 of 4

**CERTIFICATE OF ANALYSIS**

**SMI14000604.1**

Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	
Analyte	P	Cr	B	Tl	Hg	Se	Te	Ge	In	Re	Be	Li	Pd	Pt	
Unit	%	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	
MDL	0.001	0.5	20	0.02	5	0.1	0.02	0.1	0.02	1	0.1	0.1	10	2	
1143809	Rock	0.101	12.3	<20	0.04	<5	<0.1	<0.02	<0.1	0.03	<1	0.6	5.0	<10	2
1143811	Rock	0.052	9.2	<20	<0.02	11	<0.1	<0.02	<0.1	<0.02	<1	0.5	3.4	<10	<2
1143812	Rock	0.132	30.9	<20	<0.02	6	<0.1	<0.02	<0.1	<0.02	<1	0.3	14.9	<10	3
1143813	Rock	0.255	6.4	<20	<0.02	26	<0.1	0.04	<0.1	<0.02	<1	0.6	12.7	<10	<2
	Rock	0.008	786.4	27	0.04	12	0.1	<0.02	0.2	<0.02	<1	<0.1	4.0	<10	6
1143816															
1143817	Rock	0.757	27.6	<20	0.03	6	<0.1	<0.02	<0.1	<0.02	<1	0.2	8.4	13	2
1143819	Rock	0.088	23.6	<20	0.06	<5	<0.1	<0.02	<0.1	<0.02	<1	0.3	8.2	<10	<2
1143821	Rock	0.081	47.1	<20	0.03	<5	<0.1	<0.02	0.1	<0.02	<1	0.1	20.7	10	7
1143822	Rock	0.085	25.1	<20	<0.02	6	<0.1	<0.02	<0.1	<0.02	<1	0.4	13.1	<10	2
1143824	Rock	0.099	5.5	<20	0.08	<5	<0.1	<0.02	<0.1	<0.02	<1	0.2	2.2	<10	<2
1143825	Rock	0.107	2.7	<20	0.04	<5	<0.1	<0.02	0.1	<0.02	<1	0.1	3.4	<10	<2
1143826	Rock	0.101	110.8	<20	0.10	<5	<0.1	<0.02	<0.1	<0.02	<1	0.1	8.2	10	6
1143827	Rock	0.128	108.1	<20	0.07	<5	<0.1	<0.02	0.3	<0.02	<1	1.0	14.7	<10	8
1143829	Rock	0.129	147.8	<20	0.18	<5	<0.1	<0.02	0.2	<0.02	<1	0.6	13.0	<10	7

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

## **Rock Sample Preparation and Analysis**

All the rock samples collected during the GCMC field season in 2014 were prepared at Acme Laboratories, Smithers then analyzed at Acme Laboratories, Vancouver. The sample preparation code was PRP80-1000. The preparation included first drying of the sample at 60°Celsius for 24-48 hours. Once dry, the samples were crushed. Prior to the first client sample the crushers are cleaned with a charge of clean quartz sand. Then, to ensure no cross over contamination the first sample of each job for every crusher is a barren granite blank reported in the certificate as G1. The samples were crushed to 80 percent passing 10 mesh using a Terminator crusher. This coarse crush material was then passed through a riffle splitter 3 times to homogenize it and then split down to 1000g with the remainder put into the reject bag. The original sample bag was then placed in a bar coded reject bag; rejects are placed in rice sacks and then in bins for warehouse storage. The 1000g split is placed in a bar coded envelope and sent to pulverizing where the tolerance is 85% passing 200 mesh using a bowl and puck pulverizer. Screen tests of pulverized material are done at the beginning of every shift and bowls are weighed at the beginning of each shift.

The pulverized samples were analyzed at the Acme Laboratories facility in Vancouver for two analytical methods, litho geochemistry (Acme codes LF302 and LF100) and an accompanying aqua regia ultratrace geochemical method (AQ252-EXT). The LF302 portion of the package is a classical whole-rock analysis for 11 major oxides and several minor elements by ICP-ES following a lithium borate fusion in graphite crucibles in a static muffle furnace at 980°C. Loss on ignition (LOI) is determined by igniting a sample split then measuring the weight loss. Additionally, total Carbon and Sulphur were determined by Leco. The LF100 portion of the package determines the rare and refractory elements by lithium borate decomposition (samples were also fused in graphite crucibles in a static muffle furnace at 980°C) to give total abundance and ICP-MS finish. The base and precious metals in the LF100 package were analyzed from a separate split of raw sample that is digested in dilute aqua regia and finished by ICP-MS. For the AQ252-EXT analytical method a 30g sample split was digested using aqua regia and followed with an ICP-MS finish. This supplied ultra-low trace element concentrations of important deleterious and pathfinder elements.

## **Quality Control and Data Verification**

During the 2014 sampling program a QAQC program was implemented. This included the insertion of standards and field blanks. In total 14 rock samples were analyzed with 2 standard insertions, and 2 field blanks.



## Standards

Two standards, Relincho ST-1 and Relincho ST-2 (company standards) were used to assess the accuracy, bias and precision of the analytical data in relation to the certified values and standard deviation as provided by a round-robin analysis. The Relincho standards are certified for lithogeochemical analysis and the ultratrace aqua regia method. These certified values and standards deviations are provided in Table 1. To provide enough data the standards were inserted at the frequency of approximately 1 in 12 (8%).

*Table 1: Summary of the certified values and standard deviations of the inserted standards*

<b>Standard ID</b>	<b>SiO<sub>2</sub>_pct</b>	<b>Zr_ppm</b>	<b>Cu_ppm</b>	<b>Mo_ppm</b>
<i>Relincho ST-1</i>	66.29 ± 1.12	124.0 ± 11.0	175.2 ± 5.3	12.68 ± 0.37
<i>Relincho ST-2</i>	65.30 ± 0.91	122.5 ± 12.7	740.1 ± 13.8	42.00 ± 0.90

To assess the data quality, the SiO<sub>2</sub>, Zr, Cu, and Mo concentrations were reviewed using Shewhart control plots with the certified recommended values above (Table 1). The +3 and -3 standard deviations from the mean were used as a guideline failure criterion. As this data was intended for lithogeochemical purposes such as lithological characterization, rather than resource estimates, the quality of the major oxides and refractory elements was placed higher than the commodity elements. Both the SiO<sub>2</sub> and Zr concentrations were within the failure limits for both standards. The Cu and Mo values for Relincho ST-1 were minimal fails – by 1.76 ppm in Cu, and 0.14 ppm in Mo, and so were accepted. The Mo by Relincho ST-2 was also a minimal fail – by <2 ppm, and so was accepted. The Cu value for Relincho ST-2 is within the acceptable failure limits.

## Field Blanks

Field blank samples were inserted in the field at the sample storage area, also at a rate of 1 in 12 samples. Blank material used was a barren granite (Ambleside Granite) from a Burnaby landscaping company. Over the course of previous programs, several blanks were analyzed to test for variation. For the AQ252-EXT geochemical method, 5 times the analyzed mean concentration of the blank material was used. Over the course of previous programs these were the calculated analytical cut off values:

- Cu = 52.8 ppm
- Mo = 2.9 ppm

There is no indication of cross contamination within the 2014 GCMC samples.