



ASSESSMENT REPORT TITLE PAGE AND SUMMARY

**TITLE OF REPORT: 2012 DIAMOND DRILLING ASSESSMENT REPORT
ON THE GALORE CREEK PROPERTY**

TOTAL COST:

AUTHOR(S): Rex S.L.S. Turna

SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): M-230

STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): 5439902, 5439916

YEAR OF WORK: 2012

PROPERTY NAME: Galore Creek

CLAIM NAME(S) (on which work was done): 516158, 516165, 516459

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.005

LATITUDE: 57 ° 07 ' 08 "

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

UTM Zone: 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

MAILING ADDRESS:

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, Bountiful, East Fault, Potassic Alteration, copper-gold-silver mineralization, Disseminated, Tuff, Volcanic Breccia, Syenite, Hickman Batholith.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

2008 Diamond Drilling Assessment Report on the Galore Creek Property (AR 30612)

2010 Diamond Drilling Assessment Report on the Galore Creek Property (AR 32119)

2011 Diamond Drilling Assessment Report on the Galore Creek Property (AR 33368)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil			
Silt			
Rock			
Other			
DRILLING (total metres, number of holes, size, storage location)			
Core: 28,090 metres, 78 holes, HQ/NQ/PQ sized, Stored on site - Uhtlan		516158, 516165, 516459	\$6,263,184
Non-core: Helicopter support, Pad building, Safety, Camp		516158, 516165, 516459,	\$6,750,691
RELATED TECHNICAL			
Sampling / Assaying: 12,028 samples (ALS Minerals)		516158, 516165, 516459	\$519,351
Freight		516158, 516165, 516459	\$30,351
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: Mgmt Fee & Report Prep			\$1,361,858
		TOTAL COST	\$14,925,436

BC Geological Survey
Assessment Report
33955a

**2012 DIAMOND DRILLING ASSESSMENT REPORT
ON THE GALORE CREEK PROPERTY**

Event Numbers: 5439902, 5439916
Claims Worked On: 516158, 516165, 516459

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

NTS Map Sheet 104G/3 and 104G/4
BCGS Map Sheet 104G.005
57° 07' 08" North Latitude
131° 27' 58" West Longitude

Owned & Operated by
Galore Creek Mining Corporation
Suite 3300, 550 Burrard Street
Vancouver, B.C. V6C 0B3

Prepared by

Rex Turna, B.Sc.
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May, 2013

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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 280 contiguous mineral claims, totaling 133,485.44 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 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 May 17, 2012 to October 1, 2012 which was carried out under BC Ministry of Energy and Mines Act permit number M-230. The work at Galore Creek was conducted entirely within the boundary of mineral claims 516158, 516459, and 516165.



AMEC Earth & Environmental 2227 Douglas Road, Burnaby, B.C., V5C 5A9 Tel. 604-294-3811 Fax 604-294-4664				CLIENT LOGO 		CLIENT GALORE CREEK MINING CORP.	
PROJECT 2010 PRE-FEASIBILITY STUDY		DWN BY: MW		DATUM: NAD83		DATE: NOVEMBER 2010	
TITLE SITE LOCATION MAP GALORE VALLEY AREA		CHK'D BY: KZ		REV. NO.: A		PROJECT NO.: VM00548-300	
		PROJECTION: UTM Zone 9		SCALE: NOT TO SCALE		FIGURE No. FIGURE 1	

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 2012 program most personnel, supplies and equipment were staged from the Chi'yone camp (km 36) and transported via helicopter to the Ut łūn camp in the Galore Valley.

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. From September to October 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. Drilling was also conducted to test several peripheral mineral occurrences and nearby properties in which NovaGold had an interest. 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, as well as recognizing sedimentary facies transitions. 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 NQ and HQ-sized diamond drilling in 57 holes. The 2006 drilling tested new exploration targets based on geophysical anomalies and new geologic interpretations. The goal of the program was to upgrade the resource estimation categories through step-out drilling of known mineralization, delineation drilling of proposed pit boundaries, and infill drilling of areas of known mineralization.

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 for the purpose of extending and upgrading known mineralization, identifying grade controls, and collecting geotechnical information for engineering studies.

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. Exploration drill holes targeted the first five years of planned production within the South Gold Lens and Central Replacement Zone. A geotechnical borehole was drilled in the area of a location under consideration for construction of a water-retaining dam. Three shallow geotechnical boreholes were drilled in the Galore Valley to install standpipes for use in monitoring drawdown associated with pump testing of nearby pump wells installed previously (in 2007).

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 test for upgrading and possible extensions of mineralization within the Central-South and Bountiful areas of the Central Pit. The drilling was to potentially support an

upgrading of the Inferred resources to a Measured and Indicated classification within a +700M Tonne "Enhanced Plan" Pit that was identified during Pre-Feasibility. The SRK geotechnical site investigation program was undertaken to enable Feasibility-level design of the proposed open pits at Galore Creek.

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

Tenure No.	Name	Owner	Area (ha.)
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
Totals:	6 claims		5,111.132

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 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

Tenure No.	Name	Owner	Area (ha.)
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
Totals:	5 claims		2,841.44

Between March 2008 and January 2013, 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 and are listed in Table 3.

Table 3 – Galore Creek Property Mineral Claims

Galore Creek Mining Corporation - Client No. 211373

Tenure No.	Claim Name	Owner	Map No.	Issue Date	Good To Date	Area (ha)
404921	GRACE 4	211373 (100%)	104G013	2003/sep/07	2023/dec/01	500
404922	GRACE 5	211373 (100%)	104G013	2003/sep/07	2023/dec/01	500
408613	VIA 32	211373 (100%)	104G004	2004/feb/29	2022/dec/01	450
410802	J3	211373 (100%)	104G013	2004/may/26	2022/dec/01	300
410810	CONTACT 5	211373 (100%)	104G023	2004/may/26	2022/dec/01	200
410812	CONTACT 7	211373 (100%)	104G012	2004/may/26	2022/dec/01	450
412228	GL 16	211373 (100%)	104G003	2004/jul/04	2022/dec/01	500
412241	GL 29	211373 (100%)	104G012	2004/jul/06	2022/dec/01	500
501126	SPC11	211373 (100%)	104G	2005/jan/12	2023/dec/01	368.042
501150	SPC01	211373 (100%)	104G	2005/jan/12	2022/jan/12	438.094
501166	SPC02	211373 (100%)	104G	2005/jan/12	2022/jan/12	438.096
501212	SPC03	211373 (100%)	104G	2005/jan/12	2022/jan/12	437.848
501276	SPC04	211373 (100%)	104G	2005/jan/12	2022/jan/12	437.851
501341	SPC06	211373 (100%)	104G	2005/jan/12	2022/jan/12	315.279
501401	SPC07	211373 (100%)	104G	2005/jan/12	2022/jan/12	210.367
501428	SPC05	211373 (100%)	104G	2005/jan/12	2022/jan/12	315.486
501454	SPC09	211373 (100%)	104G	2005/jan/12	2022/jan/12	438.097
501496	SPC10	211373 (100%)	104G	2005/jan/12	2022/jan/12	437.858
501524	SPC12	211373 (100%)	104G	2005/jan/12	2023/dec/01	367.917
501560	SPC13	211373 (100%)	104G	2005/jan/12	2023/dec/01	367.793
501583	SPC14	211373 (100%)	104G	2005/jan/12	2022/jan/12	420.171
501603	SPC15	211373 (100%)	104G	2005/jan/12	2022/jan/12	420.137
501634	SPC16	211373 (100%)	104G	2005/jan/12	2022/jan/12	280.043
501660	SPC17	211373 (100%)	104G	2005/jan/12	2022/jan/12	420.095
501669	SPC18	211373 (100%)	104G	2005/jan/12	2023/dec/01	437.659
501685	SPC20	211373 (100%)	104G	2005/jan/12	2023/dec/01	419.889
501726	SPC19	211373 (100%)	104G	2005/jan/12	2023/dec/01	437.421
501738	SPC21	211373 (100%)	104G	2005/jan/12	2023/dec/01	420.221
501755	SPC22	211373 (100%)	104G	2005/jan/12	2022/jan/12	385.557
501775	SPC23	211373 (100%)	104G	2005/jan/12	2022/jan/12	437.899
501787	SPC24	211373 (100%)	104G	2005/jan/12	2022/jan/12	437.661
501798	SPC25	211373 (100%)	104G	2005/jan/12	2022/jan/12	420.67
501815	SPC26	211373 (100%)	104G	2005/jan/12	2022/jan/12	420.408
501829	SPC27	211373 (100%)	104G	2005/jan/12	2022/jan/12	210.068
501839	SPC29	211373 (100%)	104G	2005/jan/12	2022/jan/12	438.001
501857	SPC28	211373 (100%)	104G	2005/jan/12	2022/jan/12	420.672
501865	SPC30	211373 (100%)	104G	2005/jan/12	2022/jan/12	438.002
501882	SPC31	211373 (100%)	104G	2005/jan/12	2022/jan/12	420.291
501891	SPC32	211373 (100%)	104G	2005/jan/12	2022/jan/12	420.136
501905	SPC08	211373 (100%)	104G	2005/jan/12	2022/jan/12	210.366
501931	PORC01	211373 (100%)	104B	2005/jan/12	2022/jan/12	405.39
501965	PORC02	211373 (100%)	104G	2005/jan/12	2022/jan/12	440.514
501999	PORC03	211373 (100%)	104G	2005/jan/12	2022/jan/12	105.708

Table 3 – Galore Creek Property Mineral Claims - Continued

509232	tunnel	211373 (100%)	104G	2005/mar/18	2022/dec/01	333.757
509234	porc 04	211373 (100%)	104G	2005/mar/18	2022/mar/18	440.357
509235	porc 05	211373 (100%)	104G	2005/mar/18	2022/mar/18	405.158
509250	porc 06	211373 (100%)	104G	2005/mar/18	2022/mar/18	123.308
509253	sphaler 01	211373 (100%)	104G	2005/mar/18	2022/mar/18	422.571
509259	sphaler 02	211373 (100%)	104G	2005/mar/18	2022/mar/18	211.356
509261	ng 01	211373 (100%)	104G	2005/mar/18	2022/mar/18	420.826
509262	ng 02	211373 (100%)	104G	2005/mar/18	2022/mar/18	105.208
509893	NR 3	211373 (100%)	104G	2005/mar/30	2022/dec/01	70.379
511868	SPHCR 01	211373 (100%)	104G	2005/apr/30	2022/apr/30	405.262
511869	SPHCR02	211373 (100%)	104G	2005/apr/30	2022/apr/30	422.876
511870	SPHCR03	211373 (100%)	104G	2005/apr/30	2022/apr/30	422.878
512425		211373 (100%)	104G	2005/may/11	2022/dec/01	700.818
512426		211373 (100%)	104G	2005/may/11	2022/dec/01	473.235
512478	CONT 1	211373 (100%)	104G	2005/may/12	2022/may/26	770.372
516158		211373 (100%)	104G	2005/jul/06	2023/dec/01	772.237
516161		211373 (100%)	104G	2005/jul/06	2023/dec/01	543.835
516163		211373 (100%)	104G	2005/jul/06	2023/dec/01	1244.967
516165		211373 (100%)	104G	2005/jul/06	2023/dec/01	667.543
516177		211373 (100%)	104G	2005/jul/06	2022/dec/01	175.777
516178		211373 (100%)	104G	2005/jul/06	2022/dec/01	457.053
516179		211373 (100%)	104G	2005/jul/06	2022/dec/01	1317.27
516235		211373 (100%)	104G	2005/jul/07	2022/dec/01	1161.63
516271		211373 (100%)	104G	2005/jul/07	2023/dec/01	315.411
516275		211373 (100%)	104G	2005/jul/07	2022/dec/01	1407.331
516284		211373 (100%)	104G	2005/jul/07	2023/dec/01	947.189
516285		211373 (100%)	104G	2005/jul/07	2023/dec/01	614.229
516286		211373 (100%)	104G	2005/jul/07	2023/dec/01	912.089
516327		211373 (100%)	104G	2005/jul/08	2022/dec/01	999.585
516335		211373 (100%)	104G	2005/jul/08	2022/dec/01	1354.185
516340		211373 (100%)	104G	2005/jul/08	2022/dec/01	1195.156
516342		211373 (100%)	104G	2005/jul/08	2022/dec/01	1107.372
516345		211373 (100%)	104G	2005/jul/08	2022/dec/01	949.18
516359		211373 (100%)	104G	2005/jul/08	2022/dec/01	789.736
516367		211373 (100%)	104G	2005/jul/08	2022/dec/01	1052.596
516377		211373 (100%)	104G	2005/jul/08	2022/dec/01	1143.352
516433		211373 (100%)	104G	2005/jul/08	2022/dec/01	1318.728
516441		211373 (100%)	104G	2005/jul/08	2022/dec/01	1390.457
516443		211373 (100%)	104G	2005/jul/08	2022/dec/01	880.157
516445		211373 (100%)	104G	2005/jul/08	2022/dec/01	985.011
516448		211373 (100%)	104G	2005/jul/08	2022/dec/01	862.311
516452		211373 (100%)	104G	2005/jul/08	2022/dec/01	879.374
516458		211373 (100%)	104G	2005/jul/08	2022/dec/01	949.726
516459	GALORE 1 CELL CLAIM	211373 (100%)	104G	2005/jul/08	2023/dec/01	1721.252
516463	NR 4	211373 (100%)	104G	2005/jul/08	2022/dec/01	140.84

Table 3 – Galore Creek Property Mineral Claims - Continued

516474	SPHCR 04	211373 (100%)	104B	2005/jul/08	2022/jul/08	422.996
516475	SPHCR 05	211373 (100%)	104B	2005/jul/08	2022/jul/08	422.996
516496		211373 (100%)	104G	2005/jul/09	2022/dec/01	1299.197
516498		211373 (100%)	104G	2005/jul/09	2022/dec/01	1105.922
516500		211373 (100%)	104G	2005/jul/09	2022/dec/01	1527.806
516503		211373 (100%)	104G	2005/jul/09	2022/dec/01	1178.494
516505		211373 (100%)	104G	2005/jul/09	2022/dec/01	1126.672
516508		211373 (100%)	104G	2005/jul/09	2022/dec/01	1020.993
516509		211373 (100%)	104G	2005/jul/09	2022/dec/01	1039.113
516511		211373 (100%)	104G	2005/jul/09	2022/dec/01	968.695
516674		211373 (100%)	104G	2005/jul/11	2022/dec/01	157.819
516691		211373 (100%)	104G	2005/jul/11	2022/dec/01	563.2
517480	GRACE G	211373 (100%)	104G	2005/jul/12	2023/jul/12	52.637
522318	CONT 2	211373 (100%)	104G	2005/nov/15	2022/dec/01	386.718
522319	CONT 3	211373 (100%)	104G	2005/nov/15	2022/dec/01	245.815
556327		211373 (100%)	104G	2007/apr/13	2022/dec/01	387.2667
556330		211373 (100%)	104G	2007/apr/13	2022/dec/01	281.5297
556331		211373 (100%)	104G	2007/apr/13	2022/dec/01	140.7942
556334		211373 (100%)	104G	2007/apr/13	2022/dec/01	211.1915
579405	SCU 1	211373 (100%)	104G	2008/mar/28	2022/mar/28	437.2202
579406	SCUD 1	211373 (100%)	104G	2008/mar/28	2022/mar/28	419.9753
579407	SCUD 2	211373 (100%)	104G	2008/mar/28	2022/mar/28	122.4604
579408	SCU 2	211373 (100%)	104G	2008/mar/28	2022/mar/28	437.2223
579409	SCUD 3	211373 (100%)	104G	2008/mar/28	2022/mar/28	349.8247
579410	SCU 3	211373 (100%)	104G	2008/mar/28	2022/mar/28	436.9756
579411	SCUD 4	211373 (100%)	104G	2008/mar/28	2022/mar/28	419.9061
579412	SCUD 5	211373 (100%)	104G	2008/mar/28	2022/mar/28	349.7099
579413	SCU 3	211373 (100%)	104G	2008/mar/28	2022/mar/28	419.0939
579414	SCUD 6	211373 (100%)	104G	2008/mar/28	2022/mar/28	157.3518
579416	SCU 4	211373 (100%)	104G	2008/mar/28	2022/mar/28	401.6306
579417	SCUD 7	211373 (100%)	104G	2008/mar/28	2022/mar/28	419.9056
579418	SCU 5	211373 (100%)	104G	2008/mar/28	2022/mar/28	436.9768
579420	SCUD 8	211373 (100%)	104G	2008/mar/28	2022/mar/28	419.6281
579421	SCU 6	211373 (100%)	104G	2008/mar/28	2022/mar/28	436.9789
579423	SCUD 9	211373 (100%)	104G	2008/mar/28	2022/mar/28	437.1346
579424	SCU 7	211373 (100%)	104G	2008/mar/28	2022/mar/28	436.9808
579426	SCU 8	211373 (100%)	104G	2008/mar/28	2022/mar/28	436.9835
579428	SCUD 10	211373 (100%)	104G	2008/mar/28	2022/mar/28	244.6974
579429	SCU 9	211373 (100%)	104G	2008/mar/28	2022/mar/28	419.2886
579431	SCUD 11	211373 (100%)	104G	2008/mar/28	2022/mar/28	366.949
579432	SCU 10	211373 (100%)	104G	2008/mar/28	2022/mar/28	419.2913
579434	SCU 11	211373 (100%)	104G	2008/mar/28	2022/mar/28	419.3084
579435	SCUD 12	211373 (100%)	104G	2008/mar/28	2022/mar/28	209.7657
579436	SCU 12	211373 (100%)	104G	2008/mar/28	2022/mar/28	436.7655
579437	SCUD 13	211373 (100%)	104G	2008/mar/28	2022/mar/28	419.4795
579439	SCU 13	211373 (100%)	104G	2008/mar/28	2022/mar/28	437.0121

Table 3 – Galore Creek Property Mineral Claims - Continued

579441	SCU 14	211373 (100%)	104G	2008/mar/28	2022/mar/28	437.2245
579443	SCU 15	211373 (100%)	104G	2008/mar/28	2022/mar/28	437.2253
579454	RDL 1	211373 (100%)	104G	2008/mar/28	2022/dec/01	421.8799
579456	RDL 2	211373 (100%)	104G	2008/mar/28	2022/dec/01	439.4831
579457	LIN 1	211373 (100%)	104G	2008/mar/28	2022/dec/01	421.6811
579458	RDL 3	211373 (100%)	104G	2008/mar/28	2022/dec/01	439.34
579459	LIN 2	211373 (100%)	104G	2008/mar/28	2022/dec/01	421.7224
579461	RDL 4	211373 (100%)	104G	2008/mar/28	2022/dec/01	421.6429
579462	LIN 3	211373 (100%)	104G	2008/mar/28	2022/dec/01	298.7028
579463	RDL 5	211373 (100%)	104G	2008/mar/28	2022/dec/01	421.6515
579467	RDL 6	211373 (100%)	104G	2008/mar/28	2022/dec/01	421.5126
579469	RDL 7	211373 (100%)	104G	2008/mar/28	2022/dec/01	421.512
579470	LIN 6	211373 (100%)	104G	2008/mar/28	2023/dec/01	333.6831
579472	LIN 7	211373 (100%)	104G	2008/mar/28	2023/dec/01	438.8378
579473	RDL 8	211373 (100%)	104G	2008/mar/28	2022/dec/01	421.5266
579479	LIN 10	211373 (100%)	104G	2008/mar/28	2023/dec/01	421.016
579517	SCUD S1	211373 (100%)	104G	2008/mar/28	2022/mar/28	437.3757
579519	SCUD S2	211373 (100%)	104G	2008/mar/28	2022/mar/28	420.114
579521	SCUD S3	211373 (100%)	104G	2008/mar/28	2022/mar/28	350.0739
579523	SCUD S4	211373 (100%)	104G	2008/mar/28	2022/mar/28	420.2729
579526	SCUD S5	211373 (100%)	104G	2008/mar/28	2022/mar/28	420.2704
579528	SCUD S6	211373 (100%)	104G	2008/mar/28	2022/mar/28	419.7174
579530	SCUD S7	211373 (100%)	104G	2008/mar/28	2022/mar/28	419.7149
579532	SCUD S8	211373 (100%)	104G	2008/mar/28	2022/mar/28	419.9041
579535	SCUD S9	211373 (100%)	104G	2008/mar/28	2022/mar/28	420.0905
579537	SCUD S10	211373 (100%)	104G	2008/mar/28	2022/mar/28	350.2287
579541	SCUD S11	211373 (100%)	104G	2008/mar/28	2022/mar/28	385.4026
579542	SCUD S12	211373 (100%)	104G	2008/mar/28	2022/mar/28	420.4623
579544	SCUD S13	211373 (100%)	104G	2008/mar/28	2022/mar/28	419.9021
579545	SCUD S14	211373 (100%)	104G	2008/mar/28	2022/mar/28	420.0891
579547	SCUD S15	211373 (100%)	104G	2008/mar/28	2022/mar/28	437.4696
579548	SCUD S16	211373 (100%)	104G	2008/mar/28	2022/mar/28	437.4701
579549	SCUD S17	211373 (100%)	104G	2008/mar/28	2022/mar/28	437.4678
579550	SCUD S18	211373 (100%)	104G	2008/mar/28	2022/mar/28	437.4649
579551	SCUD S19	211373 (100%)	104G	2008/mar/28	2022/mar/28	420.2738
579552	SCUD S20	211373 (100%)	104G	2008/mar/28	2022/mar/28	437.7128
579553	SCUD S21	211373 (100%)	104G	2008/mar/28	2022/mar/28	437.7161
579554	SCUD S22	211373 (100%)	104G	2008/mar/28	2022/mar/28	437.7156
579556	SCUD S22	211373 (100%)	104G	2008/mar/28	2022/mar/28	437.7135
579557	SCUD S23	211373 (100%)	104G	2008/mar/28	2022/mar/28	420.4638
579558	SCUD S24	211373 (100%)	104G	2008/mar/28	2022/mar/28	420.4437
579559	SCUD S25	211373 (100%)	104G	2008/mar/28	2022/mar/28	437.964
579560	SCUD S26	211373 (100%)	104G	2008/mar/28	2022/mar/28	437.9651
579561	SCUD S27	211373 (100%)	104G	2008/mar/28	2022/mar/28	437.9638
585412	RDL 21	211373 (100%)	104G	2008/may/29	2022/dec/01	35.1912
662956	RLS 1	211373 (100%)	104G	2009/oct/31	2022/dec/01	70.3864

Table 3 – Galore Creek Property Mineral Claims - Continued

662967	RLS 2	211373 (100%)	104G	2009/oct/31	2022/dec/01	70.3828
662975	R 1	211373 (100%)	104G	2009/oct/31	2022/dec/01	87.9738
662982	RLS 3	211373 (100%)	104G	2009/oct/31	2022/dec/01	105.567
975932	HURON 001	211373 (100%)	104G	2012/apr/02	2023/apr/02	420.5231
975933	HURON 002	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.8049
975952	HURON 003	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.5775
975953	HURON 004	211373 (100%)	104G	2012/apr/02	2023/apr/02	385.5836
975954	HURON 005	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.9536
975955	HURON 006	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.723
975956	HURON 007	211373 (100%)	104G	2012/apr/02	2023/apr/02	402.9514
975957	JAY001	211373 (100%)	104G	2012/apr/02	2023/apr/02	403.5812
975972	HURON 008	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.7656
975993	JAY002	211373 (100%)	104G	2012/apr/02	2023/apr/02	421.4118
975994	HURON 009	211373 (100%)	104G	2012/apr/02	2023/apr/02	420.3235
975995	JAY003	211373 (100%)	104G	2012/apr/02	2023/apr/02	386.3496
975996	HURON 010	211373 (100%)	104G	2012/apr/02	2023/apr/02	420.4012
975997	HURON 011	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.573
975998	JAY004	211373 (100%)	104G	2012/apr/02	2023/apr/02	438.8367
975999	HURON 012	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.5844
976000	JAY005	211373 (100%)	104G	2012/apr/02	2023/apr/02	421.029
976002	HURON 013	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.3275
976003	JAY006	211373 (100%)	104G	2012/apr/02	2023/apr/02	421.1768
976004	HURON 014	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.7743
976005	JAY007	211373 (100%)	104G	2012/apr/02	2023/apr/02	438.9156
976006	HURON 015	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.9419
976007	HURON 016	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.7952
976008	JAY008	211373 (100%)	104G	2012/apr/02	2023/apr/02	420.9761
976012	JAY009	211373 (100%)	104G	2012/apr/02	2023/apr/02	438.6893
976032	HURON 017	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.4339
976052	HURON 018	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.4854
976053	JAY010	211373 (100%)	104G	2012/apr/02	2023/apr/02	438.6839
976054	HURON 019	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.0853
976055	HURON 020	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.0788
976056	NAVO 001	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.795
976057	JAY011	211373 (100%)	104G	2012/apr/02	2023/apr/02	438.5354
976060	JAY012	211373 (100%)	104G	2012/apr/02	2023/apr/02	438.7231
976061	NAVO 002	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.0959
976062	JAY013	211373 (100%)	104G	2012/apr/02	2023/apr/02	438.6981
976064	JAY014	211373 (100%)	104G	2012/apr/02	2023/apr/02	421.3459
976065	JAY0015	211373 (100%)	104G	2012/apr/02	2023/apr/02	438.8828
976066	HURON 024	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.5249
976067	JAY16	211373 (100%)	104G	2012/apr/02	2023/apr/02	316.0291
976068	NAVO 003	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.4241
976070	JAY017	211373 (100%)	104G	2012/apr/02	2023/apr/02	420.881
976072	JAY018	211373 (100%)	104G	2012/apr/02	2023/apr/02	438.3879
976092	HURON 027	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.007

Table 3 – Galore Creek Property Mineral Claims - Continued

976112	NAVO 005	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.8963
976152	HURON 028	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.4041
976153	NAVO 006	211373 (100%)	104G	2012/apr/02	2023/apr/02	349.2964
976154	HURON 029	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.7264
976156	HURON 030	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.6758
976157	NAVO 007	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.607
976159	NAVO 008	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.8969
976161	NAVO 009	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.141
976163	NAVO 010	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.8991
976172	NAVO 011	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.1368
976173	HURON 031	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.2289
976174	NAVO 012	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.1327
976175	HURON 032	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.0418
976176	NAVO 013	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.1266
976177	HURON 033	211373 (100%)	104G	2012/apr/02	2023/apr/02	349.1978
976179	HURON 034	211373 (100%)	104G	2012/apr/02	2023/apr/02	261.8845
976180	NAVO 14	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.8991
976212	NAVO 015	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.0713
976232	HURON 035	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.3596
976234	HURON 036	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.2952
976236	NAVO 016	211373 (100%)	104G	2012/apr/02	2023/apr/02	314.2504
976239	NAVO 017	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.6337
976252	NAVO 018	211373 (100%)	104G	2012/apr/02	2023/apr/02	349.3086
976412	HURON 050	211373 (100%)	104G	2012/apr/02	2023/apr/02	349.9337
976452	HURON 051	211373 (100%)	104G	2012/apr/02	2023/apr/02	349.926
976456	HURON 052	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.2404
976459	HURON 053	211373 (100%)	104G	2012/apr/02	2023/apr/02	349.9377
976461	HURON 054	211373 (100%)	104G	2012/apr/02	2023/apr/02	349.9392
976463	HURON 055	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.7249
976467	HURON 056	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.022
976469	HURON 057	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.0772
976472	HURON 058	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.1779
976532	HURON 059	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.1838
976554	HURON 060	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.1827
976556	HURON 061	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.942
976558	HURON 062	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.9441
976560	NAVO 029	211373 (100%)	104G	2012/apr/02	2023/apr/02	349.3167
976561	HURON 063	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.9394
976572	HURON 064	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.7731
976593	HURON 065	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.526
976612	HURON 066	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.8678
976632	HURON 067	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.9275
976653	HURON 068	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.6217
976656	HURON 069	211373 (100%)	104G	2012/apr/02	2023/apr/02	418.8978
976657	HURON 070	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.6796
976672	HURON 071	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.4646

Table 3 – Galore Creek Property Mineral Claims - Continued

976675	HURON_072	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.6764
976676	HURON_073	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.6678
976692	HURON_074	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.6657
976713	HURON_075	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.4147
976718	HURON_079	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.4558
976732	HURON_080	211373 (100%)	104G	2012/apr/02	2023/apr/02	418.7387
976753	HURON_081	211373 (100%)	104G	2012/apr/02	2023/apr/02	418.7768
1016352	MAC	211373 (100%)	104G	2013/jan/27	2014/jan/27	771.4353
Total:		280 Claims			Hectares	133,485.439

This report covers drilling and core logging on the Galore Creek Property between May 17, 2012 to October 1, 2012 which was carried out under BC Ministry of Energy and Mines Act permit number M-230. The drilling work at Galore Creek had seventy-eight drillholes conducted within mineral claims 516158, 516165, and 516459 (Figures 3 and 4) and applied to selected and contiguous claims held by the Galore Creek Mining Corporation. Table 4 lists the mineral claims that assessment work was applied to and shows their status after application of assessment work under Event Numbers 5439902 and 5439916.

Table 4– Assessment Work Application – Galore Creek Property Mineral Claims

Galore Creek Mining Corporation – Client No. 211373

Tenure No.	Claim Name	Owner	Map No.	Issue Date	Good To Date	Area (ha)
404921	GRACE 4	211373 (100%)	104G013	2003/sep/07	2023/dec/01	500
404922	GRACE 5	211373 (100%)	104G013	2003/sep/07	2023/dec/01	500
501126	SPC11	211373 (100%)	104G	2005/jan/12	2023/dec/01	368.042
501524	SPC12	211373 (100%)	104G	2005/jan/12	2023/dec/01	367.917
501560	SPC13	211373 (100%)	104G	2005/jan/12	2023/dec/01	367.793
501669	SPC18	211373 (100%)	104G	2005/jan/12	2023/dec/01	437.659
501685	SPC20	211373 (100%)	104G	2005/jan/12	2023/dec/01	419.889
501726	SPC19	211373 (100%)	104G	2005/jan/12	2023/dec/01	437.421
501738	SPC21	211373 (100%)	104G	2005/jan/12	2023/dec/01	420.221
516158		211373 (100%)	104G	2005/jul/06	2023/dec/01	772.237
516161		211373 (100%)	104G	2005/jul/06	2023/dec/01	543.835
516163		211373 (100%)	104G	2005/jul/06	2023/dec/01	1244.967
516165		211373 (100%)	104G	2005/jul/06	2023/dec/01	667.543
516271		211373 (100%)	104G	2005/jul/07	2023/dec/01	315.411
516284		211373 (100%)	104G	2005/jul/07	2023/dec/01	947.189
516285		211373 (100%)	104G	2005/jul/07	2023/dec/01	614.229
516286		211373 (100%)	104G	2005/jul/07	2023/dec/01	912.089
516459	GALORE 1 CELL CLAIM	211373 (100%)	104G	2005/jul/08	2023/dec/01	1721.252
517480	GRACE G	211373 (100%)	104G	2005/jul/12	2023/jul/12	52.637
579470	LIN 6	211373 (100%)	104G	2008/mar/28	2023/dec/01	333.6831
579472	LIN 7	211373 (100%)	104G	2008/mar/28	2023/dec/01	438.8378
579479	LIN 10	211373 (100%)	104G	2008/mar/28	2023/dec/01	421.016
975932	HURON 001	211373 (100%)	104G	2012/apr/02	2023/apr/02	420.5231
975933	HURON 002	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.8049
975952	HURON 003	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.5775
975953	HURON 004	211373 (100%)	104G	2012/apr/02	2023/apr/02	385.5836
975954	HURON 005	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.9536
975955	HURON 006	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.723
975956	HURON 007	211373 (100%)	104G	2012/apr/02	2023/apr/02	402.9514
975957	JAY001	211373 (100%)	104G	2012/apr/02	2023/apr/02	403.5812
975972	HURON 008	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.7656
975993	JAY002	211373 (100%)	104G	2012/apr/02	2023/apr/02	421.4118
975994	HURON 009	211373 (100%)	104G	2012/apr/02	2023/apr/02	420.3235
975995	JAY003	211373 (100%)	104G	2012/apr/02	2023/apr/02	386.3496
975996	HURON 010	211373 (100%)	104G	2012/apr/02	2023/apr/02	420.4012
975997	HURON 011	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.573
975998	JAY004	211373 (100%)	104G	2012/apr/02	2023/apr/02	438.8367
975999	HURON 012	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.5844
976000	JAY005	211373 (100%)	104G	2012/apr/02	2023/apr/02	421.029
976002	HURON 013	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.3275
976003	JAY006	211373 (100%)	104G	2012/apr/02	2023/apr/02	421.1768

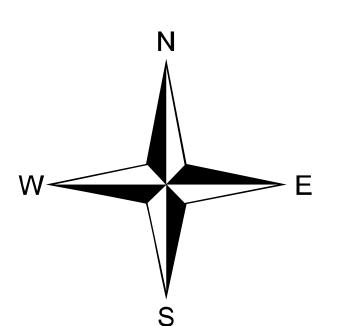
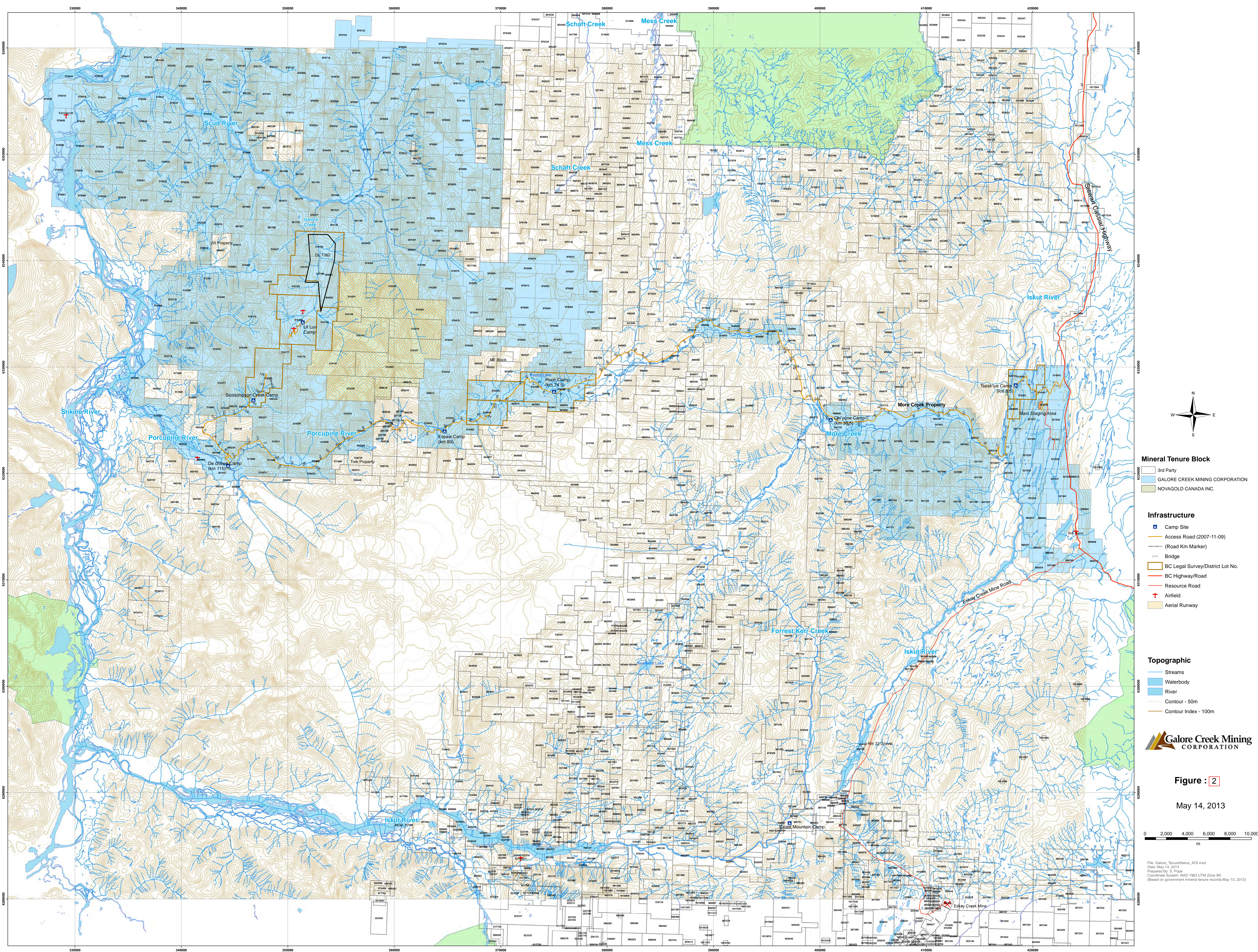
Table 4 – Galore Creek Property Mineral Claims Continued

976004	HURON 014	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.7743
976005	JAY007	211373 (100%)	104G	2012/apr/02	2023/apr/02	438.9156
976006	HURON 015	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.9419
976007	HURON 016	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.7952
976008	JAY008	211373 (100%)	104G	2012/apr/02	2023/apr/02	420.9761
976012	JAY009	211373 (100%)	104G	2012/apr/02	2023/apr/02	438.6893
976032	HURON 017	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.4339
976052	HURON 018	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.4854
976053	JAY010	211373 (100%)	104G	2012/apr/02	2023/apr/02	438.6839
976054	HURON 019	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.0853
976055	HURON 020	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.0788
976056	NAVO 001	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.795
976057	JAY011	211373 (100%)	104G	2012/apr/02	2023/apr/02	438.5354
976060	JAY012	211373 (100%)	104G	2012/apr/02	2023/apr/02	438.7231
976061	NAVO 002	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.0959
976062	JAY013	211373 (100%)	104G	2012/apr/02	2023/apr/02	438.6981
976064	JAY014	211373 (100%)	104G	2012/apr/02	2023/apr/02	421.3459
976065	JAY0015	211373 (100%)	104G	2012/apr/02	2023/apr/02	438.8828
976066	HURON 024	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.5249
976067	JAY16	211373 (100%)	104G	2012/apr/02	2023/apr/02	316.0291
976068	NAVO 003	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.4241
976070	JAY017	211373 (100%)	104G	2012/apr/02	2023/apr/02	420.881
976072	JAY018	211373 (100%)	104G	2012/apr/02	2023/apr/02	438.3879
976092	HURON 027	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.007
976112	NAVO 005	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.8963
976152	HURON 028	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.4041
976153	NAVO 006	211373 (100%)	104G	2012/apr/02	2023/apr/02	349.2964
976154	HURON 029	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.7264
976156	HURON 030	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.6758
976157	NAVO 007	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.607
976159	NAVO 008	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.8969
976161	NAVO 009	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.141
976163	NAVO 010	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.8991
976172	NAVO 011	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.1368
976173	HURON 031	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.2289
976174	NAVO 012	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.1327
976175	HURON 032	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.0418
976176	NAVO 013	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.1266
976177	HURON 033	211373 (100%)	104G	2012/apr/02	2023/apr/02	349.1978
976179	HURON 034	211373 (100%)	104G	2012/apr/02	2023/apr/02	261.8845
976180	NAVO 14	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.8991
976212	NAVO 015	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.0713
976232	HURON 035	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.3596
976234	HURON 036	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.2952
976236	NAVO 016	211373 (100%)	104G	2012/apr/02	2023/apr/02	314.2504
976239	NAVO 017	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.6337
976252	NAVO 018	211373 (100%)	104G	2012/apr/02	2023/apr/02	349.3086
976412	HURON 050	211373 (100%)	104G	2012/apr/02	2023/apr/02	349.9337

Table 4 – Galore Creek Property Mineral Claims Continued

976452	HURON 051	211373 (100%)	104G	2012/apr/02	2023/apr/02	349.926
976456	HURON 052	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.2404
976459	HURON 053	211373 (100%)	104G	2012/apr/02	2023/apr/02	349.9377
976461	HURON 054	211373 (100%)	104G	2012/apr/02	2023/apr/02	349.9392
976463	HURON 055	211373 (100%)	104G	2012/apr/02	2023/apr/02	419.7249
976467	HURON 056	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.022
976469	HURON 057	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.0772
976472	HURON 058	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.1779
976532	HURON 059	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.1838
976554	HURON 060	211373 (100%)	104G	2012/apr/02	2023/apr/02	437.1827
976556	HURON 061	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.942
976558	HURON 062	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.9441
976560	NAVO 029	211373 (100%)	104G	2012/apr/02	2023/apr/02	349.3167
976561	HURON 063	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.9394
976572	HURON 064	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.7731
976593	HURON 065	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.526
976612	HURON 066	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.8678
976632	HURON 067	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.9275
976653	HURON 068	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.6217
976656	HURON 069	211373 (100%)	104G	2012/apr/02	2023/apr/02	418.8978
976657	HURON 070	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.6796
976672	HURON 071	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.4646
976675	HURON_072	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.6764
976676	HURON_073	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.6678
976692	HURON_074	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.6657
976713	HURON_075	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.4147
976718	HURON_079	211373 (100%)	104G	2012/apr/02	2023/apr/02	436.4558
976732	HURON_080	211373 (100%)	104G	2012/apr/02	2023/apr/02	418.7387
976753	HURON_081	211373 (100%)	104G	2012/apr/02	2023/apr/02	418.7768
Total:	118 Claims				Hectares	53,018.2869

Note: Above indicated Good to Dates are subject to BC Ministry of Energy, Mines and Natural Gas approval of submitted 2012 Assessment Report filed under Event Numbers: 5439902, 5439916.



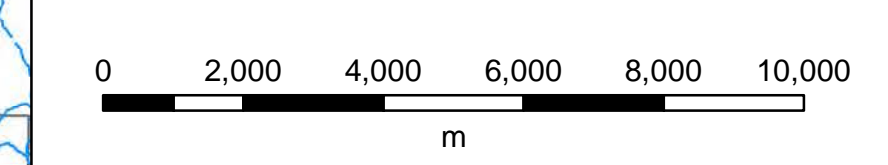
- Mineral Tenure Block**
- 3rd Party
 - GALORE CREEK MINING CORPORATION
 - NOVAGOLD CANADA INC.
- Infrastructure**
- Camp Site
 - Access Road (2007-11-09)
 - (Road Km Marker)
 - Bridge
 - BC Legal Survey/District Lot No.
 - BC Highway/Road
 - Resource Road
 - Airfield
 - Aerial Runway

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

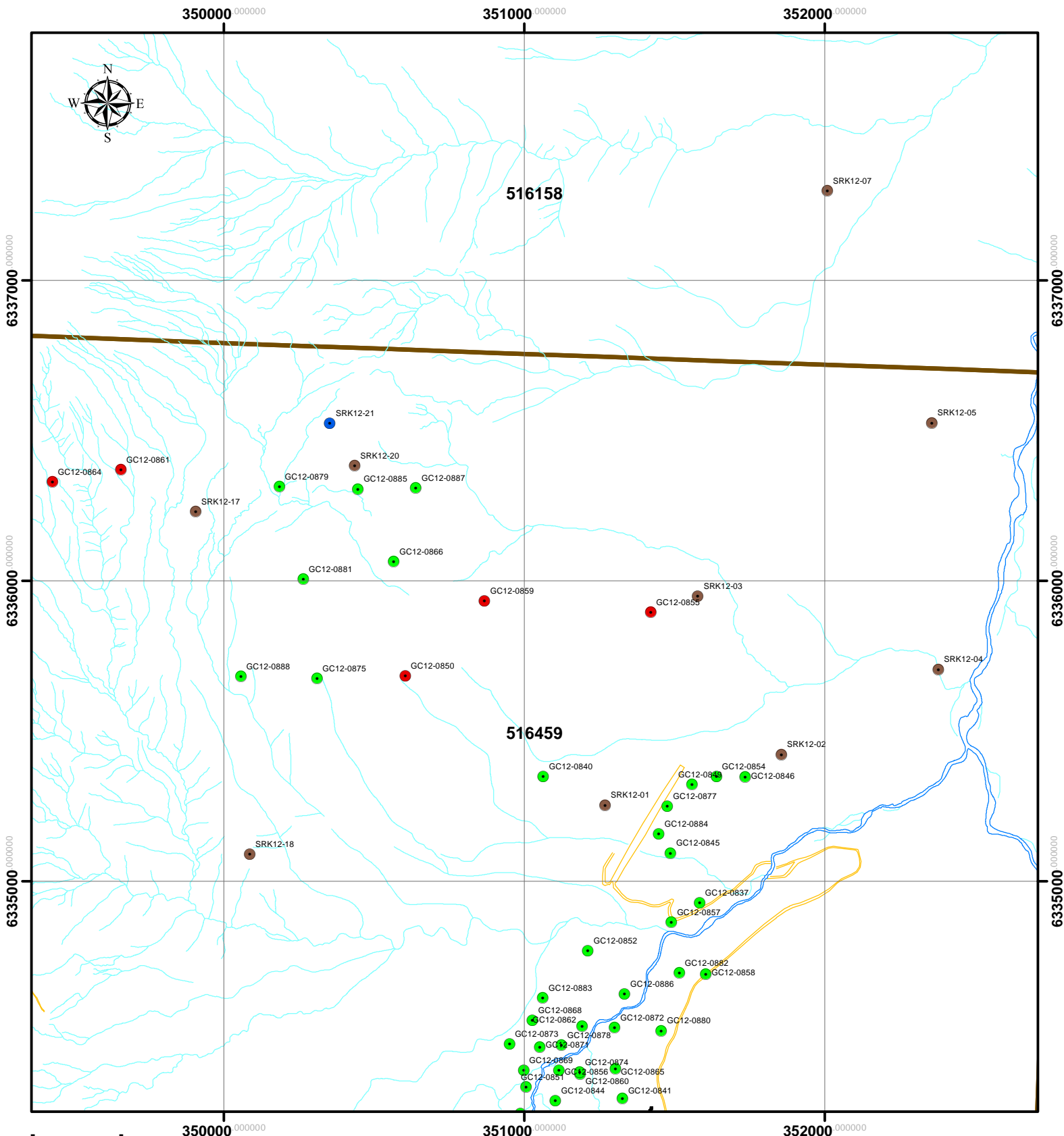


Figure : 2

May 14, 2013



File: Galore_TenureStatus_AOI.mxd
 Date: May 14, 2013
 Prepared By: S. Pope
 Coordinate System: NAD 1983 UTM Zone 9N
 (Based on government mineral tenure records May 10, 2013)



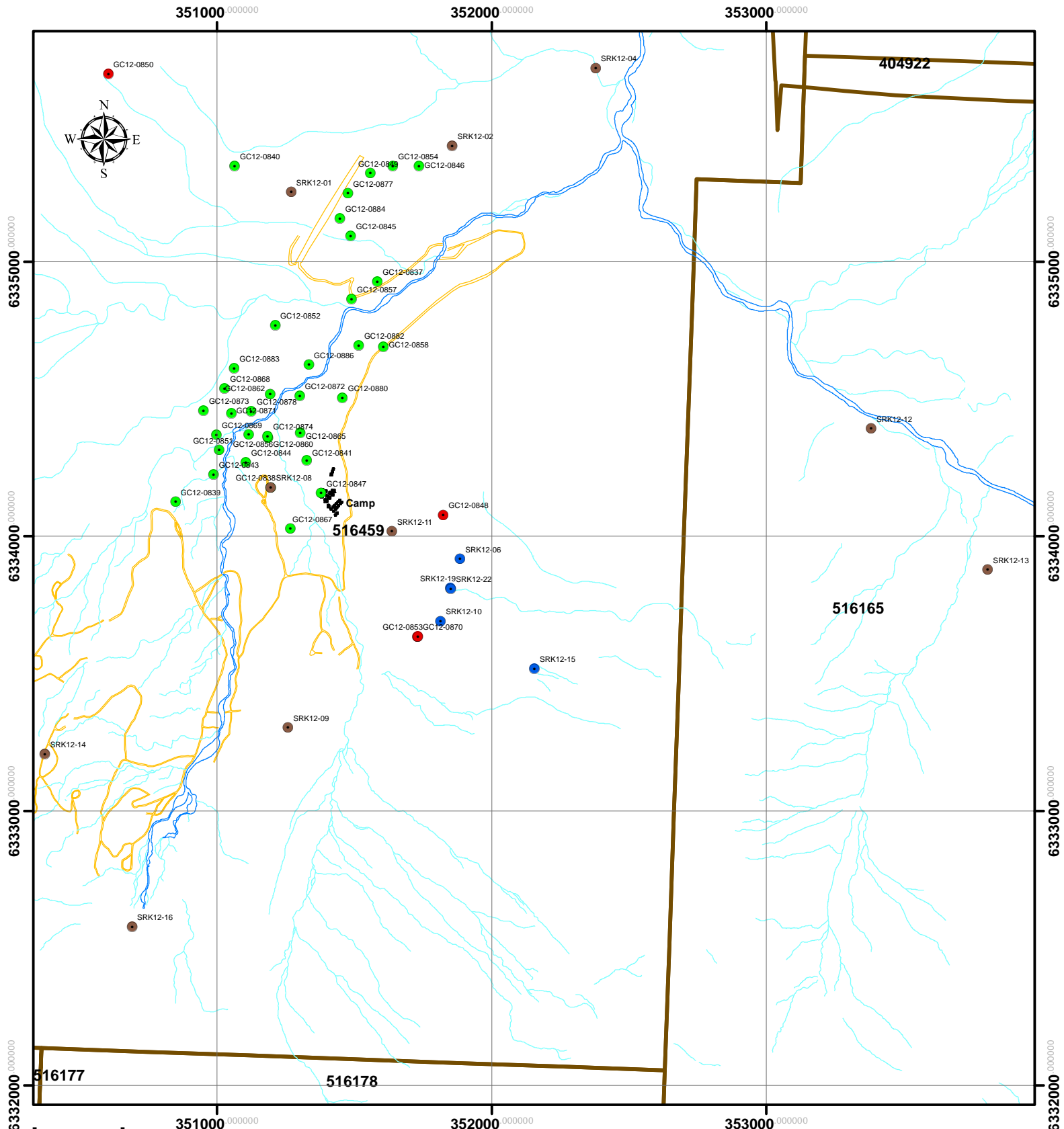
Legend

- Exploration Drill Hole
- Geotechnical Drill Hole
- Hydrogeological Drill Hole
- Overburden Drill Hole
- Road
- Stream

0.5
 Kilometers

GALORE CREEK
 LIARD MINING DIVISION
2012 WORK PROGRAM

DATUM: NAD83, Zone 9	SCALE: 1:17,000	Figure:
DATE: Dec. 2012	DRAWN BY: R. Turna	3



Legend

- Exploration Drill Hole
- Geotechnical Drill Hole
- Hydrogeological Drill Hole
- Overburden Drill Hole
- Road
- Stream

0.5
Kilometers

Galore Creek Mining CORPORATION

GALORE CREEK
LIARD MINING DIVISION
2012 WORK PROGRAM

DATUM: NAD83, Zone 9	SCALE: 1:18,500	Figure:
DATE: Dec. 2012	DRAWN BY: R. Turna	4

5.0 2012 SUMMARY OF WORK

The Galore Creek Mining Corporation diamond drilling program had seventy-eight drillholes conducted within mineral claims 516158, 516165, and 516459 between May 17, 2012 and October 1, 2012 at a cost of \$14,925,436. This report discusses the work completed during this period. Details of the reported assessment expenditures can be found in Appendix II.

On March 27, 2013, under Event Numbers 5439902 and 5439916, assessment work totalling \$5,893,740.98 was applied to all the mineral claims listed in Table 4. The claim expiry dates will be advanced to the year 2023, upon government approval of this assessment report. The remaining portion of assessment work was credited to Galore Creek Mining Corporation's portable assessment credit account (#211373).

The diamond drilling program consisted 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 objectives of the exploration and partial geotechnical drill program (GC12-0826b and GC12-0837 through GC12-0888) was to upgrade Inferred resources to Measured and Indicated classification, and to support preparation of a new resource estimate for feasibility-level mine planning and design. The SRK geotechnical and hydrogeological site investigation program was undertaken to obtain geotechnical data to support future mine planning and engineering at Galore Creek.

All drill holes were completed by Geotech Drilling of Prince George, BC., with A5 fly rigs with B-20 heads capable of drilling HQ3 triple tube core for the geotechnical holes; and an A5 skid-mounted rig.

Exploration drill core was flown to the Uhtlān Camp, where it was logged for lithology, alteration, mineralization, structure, core recovery and rock quality designation (RQD). Additional geotechnical tests including specific gravity, joint number and joint condition were also recorded. The core from drill holes GC12-0826b and GC12-0837 through GC12-0888 was cut in half using a diamond saw. Half of the core was submitted to ALS Minerals Labs, North Vancouver, B.C. and the other half was archived in a designated storage area near the Uhtlān Camp. In addition to the core, control samples were inserted into the sample sequence at an approximate interval rate of one standard, one blank and one duplicate every 20 samples.

SRK Consulting (SRK), of Vancouver, BC was employed by GCMC to supervise the geotechnical/hydrogeological/overburden-geotechnical drilling, and undertake geotechnical core logging and core photography at the drill site. Drill logs record rock type and rock mass parameters, collection of oriented discontinuity data and point load strength testing. All data was collected by SRK personnel and provided to GCMC in a final report (PDF format). Drill core was flown to GCMC's Uhtlān camp, for geological logging and sampling by a GCMC geologist and then long term storage.

Helicopter support for the project was provided by Mustang Helicopters Inc., of Blackfalds, AB. The following helicopters were supplied under charter arrangement or sublease: one Bell 205B and 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 (1976) 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, Yehino 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.

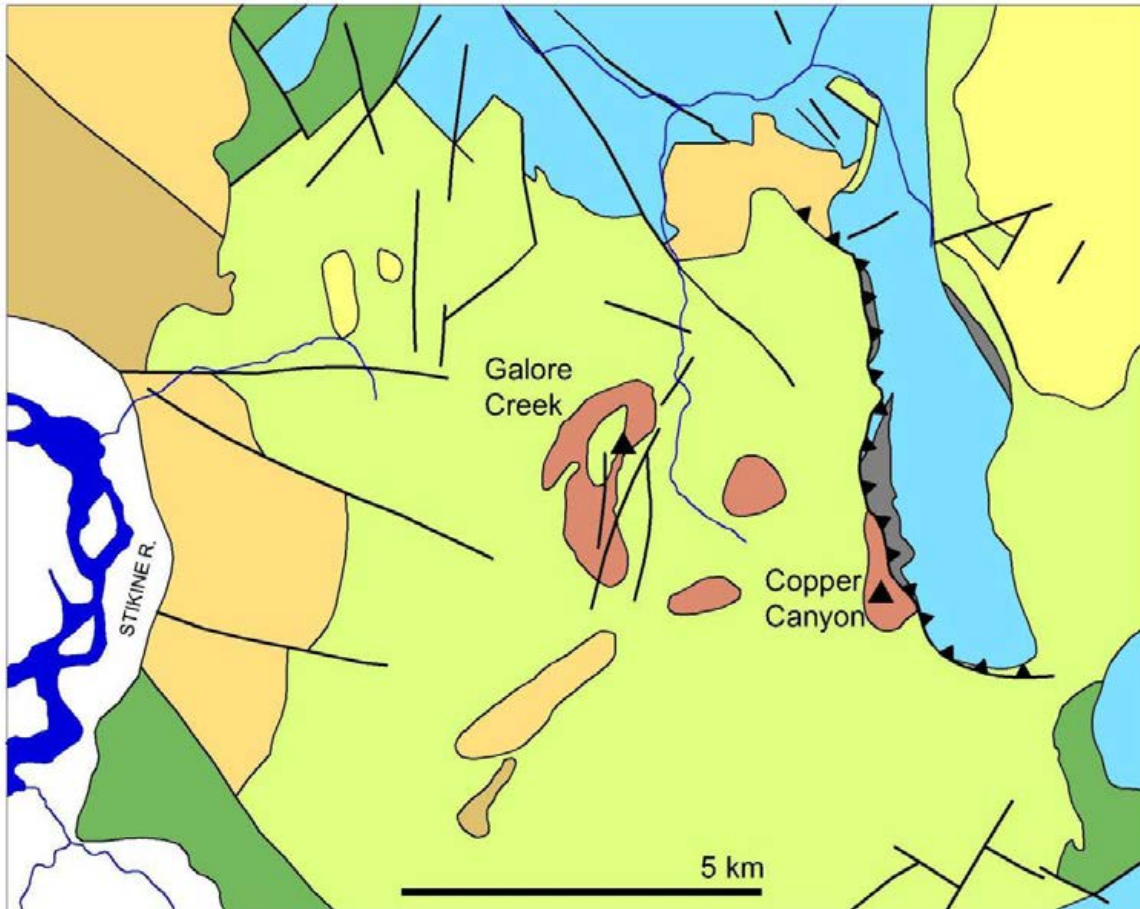
The oldest and longest-lived fault structures in the area have a north strike and sub-vertical dip. The best example occurs on the west flank of the Hickman batholith, where a major fault juxtaposes Permian limestone with a narrow belt of Stuhini Group volcanics. The second important fault type occurs 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 5: Geologic map of the Copper Canyon and Galore Creek area (adapted from Enns and others, 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 DIAMOND DRILLING

7.1 Introduction

The 2012 diamond drilling program at Galore Creek was carried out between May 17, 2012 and October 1, 2012. The exploration program consisted of forty-seven (47) diamond drill holes totalling 23,369.2 metres; and 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 objectives of the exploration and partial geotechnical drill program (GC12-0826b and GC12-0837 through GC12-0888) was to upgrade Inferred resources to Measured and Indicated classification, and to support preparation of a new resource estimate for feasibility-level mine planning and design.

The SRK geotechnical and hydrogeological site investigation program was undertaken to obtain geotechnical data to support future mine planning and engineering at Galore Creek.

Exploration drill core was flown to the Uhtlān camp, where it was logged for lithology, alteration, mineralization, structure, core recovery and rock quality designation (RQD). The 1991 Stikine Copper Limited nomenclature was used where lithologies matched existing codes; seven new rock codes were created in 2004 to accommodate lithologies not present in the dictionary. Additional geotechnical tests including specific gravity, joint number and joint condition were also recorded. The core was photographed prior to sampling and data was entered into a Data Logger software, and synched to a SQL database. The core from drill holes GC12-0826b and GC12-0837 through GC12-0888 was cut in half using a diamond saw. Half of the core was submitted to ALS Minerals Labs, North Vancouver, B.C. and the other half was archived in a designated storage area near the Uhtlān Camp. In addition to the core, control samples were inserted into the sample sequence at an approximate interval rate of one standard, one blank and one duplicate every 20 samples.

Drill hole collar coordinates were initially located using a hand-held GPS unit. Upon completion, the holes were surveyed using a differential GPS by AllNorth Consultants Ltd. The collar information for the exploration drill holes is provided in Table 5. Downhole surveys were conducted using a Reflex EZ-SHOT™ electronic solid-state single-shot survey tool.

Table 5 – 2012 Galore Creek Exploration Diamond Drill Hole Collar Information

Hole ID	UTM* East	UTM* North	Elevation (m)	Azimuth	Dip (degrees)	Total depth (m)
GC12-0826b	351239	6333947	813	90	-76	821
GC12-0837	351584.276	6334928.15	661.3591	0	-90	677
GC12-0838	351195.141	6334176.9	772.6872	0	-90	760
GC12-0839	350848.713	6334124.86	782.1543	0	-90	760
GC12-0840	351063.544	6335347.87	745.3491	0	-90	736
GC12-0841	351326.945	6334276.07	781.2008	90	-80	171
GC12-0842	351452	6335000	703	0	-90	620
GC12-0843	350987.32	6334224.93	749.5262	0	-90	657
GC12-0844	351104.333	6334267.92	754.9942	90	-74	692
GC12-0845	351486.963	6335093.03	708.8948	90	-80	593
GC12-0846	351736.026	6335347.39	694.6257	0	-90	377
GC12-0847	351378.779	6334156.88	788.7586	260	-88	759
GC12-0849	351559.308	6335322.21	701.5888	0	-90	552
GC12-0851	351006.662	6334314.28	745.1537	90	-74	698
GC12-0852	351212.228	6334767.55	727.8444	72	-74	708
GC12-0852a	351212	6334800	714	72	-74	82
GC12-0854	351640.338	6335347.74	697.3248	0	-90	407
GC12-0856	351115.811	6334369.58	716.2708	0	-90	593
GC12-0857	351489.547	6334862.84	671.0482	0	-90	470
GC12-0858	351605.522	6334690.19	719.7283	0	-90	404
GC12-0860	351185.342	6334357.32	728.7858	0	-90	620
GC12-0862	351193.108	6334517.11	707.3712	0	-90	504
GC12-0863	351298	6334275	769	90	-80	680
GC12-0865	351303.414	6334375.49	757.5628	0	-90	110
GC12-0866	350565.859	6336063.99	1092.526	200	-60	240.2
GC12-0867	351267.703	6334026.14	798.362	90	-72	653
GC12-0868	351028.05	6334536.84	742.2144	0	-90	518
GC12-0868a	351027	6334525	754	0	-90	120
GC12-0869	350998.587	6334368.74	750.9508	90	-88	629
GC12-0871	351052.251	6334446.69	735.9926	0	-90	545
GC12-0872	351301.245	6334511.36	697.369	0	-86	486
GC12-0873	350950.77	6334456.65	770.2016	0	-90	710
GC12-0874	351184.184	6334362.89	728.0692	85	-68	593
GC12-0875	350310.281	6335675.28	1029.662	20	-55	315
GC12-0876	351422	6334525	731	0	-90	154
GC12-0877	351476.971	6335248.39	708.6652	90	-73	602

Table 5 – 2012 Galore Creek Exploration Drill Hole Collar Information Continued

Hole ID	UTM* East	UTM* North	Elevation (m)	Azimuth	Dip (degrees)	Total depth (m)
GC12-0878	351124.757	6334454.63	729.3957	0	-90	491
GC12-0879	350185.077	6336314.4	1223.343	200	-60	214
GC12-0880	351457.058	6334502.31	744.7674	40	-88	499
GC12-0881	350264.194	6336005.74	1143.357	200	-60	223
GC12-0882	351516.754	6334694	700.8158	0	-90	427
GC12-0883	351062.491	6334611.54	731.2975	0	-90	661
GC12-0884	351447.785	6335156.14	712.9373	88	-69	602
GC12-0885	350446.576	6336305.31	1190.881	200	-55	199
GC12-0886	351334.322	6334623.55	699.3521	90	-47	595
GC12-0887	350639.391	6336309.91	1154.335	200	-55	205
GC12-0888	350056.786	6335681.87	1050.975	20	-55	237

*UTM NAD 83 Zone 9

SRK Consulting (SRK), of Vancouver, BC site representatives monitored the geotechnical drilling program, and undertook core logging and photography at the drill site. Drill logs record rock type and geotechnical logging of rock mass parameters, collection of oriented discontinuity data and point load strength testing. All data was collected by SRK personnel and provided to GCMC in a final report (PDF format). Drill hole collar coordinates were located using a hand-held GPS unit as well as a differential GPS for the decimal-accurate post-drilling coordinates. The collar information for the geotechnical drill holes is provided in Table 6.

The hydrogeological program data collection objectives are to provide feasibility level confidence in the effectiveness of pit wall inflow management and depressurization with respect to pit wall stability.

The collar information for the hydrogeological and overburden drill holes (SRK12-01 through SRK12-22) is in Table 7 and 8, respectively. Drill core was flown to GCMC's Uhtlān camp, for geological logging and sampling by a GCMC geologist and then long term storage.

Table 6 – 2012 Galore Creek Geotechnical Borehole Collar Information

Hole ID	UTM* East	UTM* North	Elevation (m)	Azimuth	Dip (degrees)	Total depth (m)
GC12-0848	351824.037	6334077.22	825.8258	95	-70	452
GC12-0850	350604.169	6335682.85	1001.114	345	-65	501
GC12-0853	351729.032	6333633.86	888.8424	135	-70	215
GC12-0853a	351732	6333637	890	135	-70	122
GC12-0855	351421.427	6335894.57	736.1387	72	-65	445.1
GC12-0859	350868.148	6335933.03	1010.887	340	-65	492
GC12-0861	349656.877	6336369.92	1265.011	350	-65	300
GC12-0864	349429.583	6336330.54	1306.209	270	-60	318
GC12-0870	351730.702	6333635.37	889.7666	135	-70	451

*UTM NAD 83 Zone 9

Table 7 – 2012 Galore Creek Hydrogeological Drill Hole Collar Information

Hole ID	UTM* East	UTM* North	Elevation (m)	Azimuth	Dip (degrees)	Total depth (m)
SRK12-06	351885.049	6333917.89	874.9609	0	-90	156
SRK12-10	351814.143	6333690.73	901.5751	0	-90	243
SRK12-15	352155.843	6333517.13	1016.593	0	-90	103
SRK12-19	351850.351	6333810.2	885.6488	0	-90	150
SRK12-21	350353.133	6336524.08	1273.07	0	-90	51
SRK12-22	351850.893	6333809.43	885.6493	0	-90	132

*UTM NAD 83 Zone 9

Table 8 – 2012 Galore Creek Overburden Drill Hole Collar Information

Hole ID	UTM* East	UTM* North	Elevation (m)	Azimuth	Dip (degrees)	Total depth (m)
SRK12-01	351269.658	6335253.8	725.1281	0	-90	22.7
SRK12-02	351856.591	6335421.09	688.1895	0	-90	36.5
SRK12-03	351578.129	6335948.37	714.2539	0	-90	50
SRK12-04	352379.044	6335704.71	593.0158	0	-90	24.3
SRK12-05	352357.987	6336525.84	621.7672	0	-90	53.9
SRK12-07	352009.389	6337298.3	689.4333	0	-90	27.7
SRK12-08	351195.191	6334176.9	772.9712	0	-90	61.5
SRK12-09	351258.052	6333303.02	864.9762	0	-90	35
SRK12-11	351636.804	6334018.11	821.92	0	-90	70.1
SRK12-12	353382.298	6334391.67	642.5743	0	-90	13.7
SRK12-13	353806.658	6333878.58	719.0625	0	-90	15.7
SRK12-14	350373.029	6333205.82	899.2584	0	-90	62.7
SRK12-16	350690.342	6332577.35	803.1122	0	-90	25.9
SRK12-17	349905.998	6336231.15	1230.34	0	-90	36.5
SRK12-18	350086.011	6335088.54	949.1818	0	-90	32
SRK12-20	350435.623	6336383.76	1214.646	0	-90	21.3

*UTM NAD 83 Zone 9

7.2 Galore Creek Lithologic Descriptions

Property-wide there are 107 different lithology codes. Stikine Copper Limited delineated the first 100 codes in 1991. Seven additional codes were created in 2004 by NovaGold Canada Inc.

Roughly 30 primary rock types exist, most of which have subdivisions based on textural or temporal differences. Textural subdivisions exist for volcanics, intrusives, and breccias. Temporal subdivisions exist for intrusives, and are based on contact relationships and mineralization.

Each of the major rock types encountered during the 2008 program is described below. Many of the descriptions have been modified from Simpson (2003). Throughout this report the term orthoclase is used synonymously with potassium feldspar.

SEDIMENTARY ROCKS

(S1) CONGLOMERATE:

Conglomerates are common north of the Central Zone, in North Rim Creek and North Rim Zone, and in the North Junction Zone. The unit is heterolithic and unsorted. Fragments are subrounded to rounded, matrix supported by sand and silt sized grains. Fragments of volcanic and syenitic rocks are present and comprise up to 30% of the rock. Conglomerates contain local intercalations of argillite and greywacke. Channel scours and load casts are common.

(S2) GREYWACKE:

Grey-green, poorly sorted, medium to coarse grained greywackes are common north of the Central Zone, in North Rim Creek. They also appear rarely in drill core within the Central Zone as intercalations with lapilli tuffs. This unit is locally well bedded and graded. Fragments of argillite and volcanic material are subangular to subrounded.

(S3) SILTSTONE:

Siltstone is fine to medium grained, grey, massive to well bedded and locally contains graded bedding.

(S4) ARGILLITE:

Argillite occurs as alternating medium to dark grey and black, aphanitic, well bedded sequences. Beds vary in thickness from 0.5 to 1 cm. Local flame structures have been observed.

(S5) LIMESTONE:

Micritic or crystalline limestone; includes all variations of grain size and bed thickness. Lithology is sedimentary in origin and should not be confused with overprinted carbonate alteration.

(S6) EPICLASTIC SEDIMENTS:

Composite lithology consisting primarily of reworked volcanic material; includes clay-rich (lacustrine) beds, siltstone, fine- to course-grained sandstone, and conglomerate. Lithology should show clear evidence of fluvial reworking such as planar or cross bedding, sorting, normal or reverse-grading, etc.

(S7) DIAMICTITE:

Unsorted, mono- or poly lithic fragments that are matrix supported. The matrix consists of a mixture of clay, silt or sand. Lithology commonly shows either normal or reverse grading. Probably forms due to mass gravity flows such as lahars or debris flows.

VOLCANIC ROCKS

(V1) AUGITE-BEARING VOLCANICS:

Augite-bearing flows contain porphyritic and, infrequently, amygdaloidal textures. Augite phenocrysts vary in size from 2-5 mm and are generally euhedral to subhedral, stubby and dark green to black. They comprise up to 30% of the rock and are supported in a medium to dark green, aphanitic groundmass. The augite phenocrysts are usually altered to biotite, epidote and chlorite. Locally, strong garnet-biotite-orthoclase alteration is also observed. Interbedded with the augite bearing flows are augite-bearing volcanoclastics in the form of fine and coarse lapilli tuffs, tuff breccias and flow breccias, containing subangular to subrounded fragments of augite porphyry. These volcanoclastics are generally matrix supported.

(V2) PSEUDOLEUCITE-BEARING VOLCANICS:

The original textures are often obliterated by intense orthoclase and sericite alteration. Copper/gold mineralization appears to occur preferentially in these rocks. In unaltered areas, euhedral and broken pseudoleucite phenocrysts up to 1.5 cm occur within a bluish grey to salmon pink groundmass. These phenocrysts often exhibit orthoclase-sericite altered cores. Rims are sometimes altered to sericite, magnetite and chlorite.

(V3) ORTHOCLASE-BEARING VOLCANICS:

Orthoclase-bearing volcanics are predominantly fine to coarse crystal lithic tuffs, with possible subordinate flows. They are often strongly mineralized with disseminated bornite, chalcopyrite and gold. They appear to be cogenetic and coeval with dark syenite porphyry intrusives, which may be their subvolcanic equivalents. The crystal fragments in the tuffs are broken orthoclase shards up

to 7 mm across and are supported by a highly altered biotite-orthoclase +/- garnet-anhydrite matrix. Rare bedding is preserved locally.

UNDIFFERENTIATED VOLCANICS (V4, V5, V6)

In some areas, intense alteration has obliterated original textures resulting in the more vague classification of “undifferentiated volcanics”. Such rocks have been classified on the basis of colour and association.

(V4) MAFIC VOLCANICS:

Mafic volcanic rocks (V4) are dark green, chloritic flows and tuffs, common in the north part of the Central Zone. These are interbedded, and may in part be correlated with, unit V1 (augite-bearing volcanics). Porphyritic and amygdaloidal flow textures have been preserved locally and volcanic clasts are sometimes preserved in pyroclastic rocks.

(V5) INTERMEDIATE VOLCANICS:

Intermediate volcanic rocks (V5) are very common in the Central Zone. These rocks are medium greenish grey volcanoclastics and flows, and may be aphyric equivalents of the pseudoleucite bearing volcanic units. Included in this unit are possible trachy-andesites containing subrounded orthoclase phyrlic fragments. Aphanitic volcanic clasts up to 3 cm across have also been observed within a fine grained to aphanitic matrix. Secondary biotite occurs both as a spotted to patchy alteration and as coarse aggregates and veins.

(V6) FELSIC VOLCANICS:

Intense orthoclase flooding has resulted in pale grey, felsic volcanic rocks (V6) which are fine to medium grained volcanoclastics and flows. V6 rocks are present in the north and central part of the Central Zone, often interbedded with pseudoleucite volcanic rocks which may be their equivalent.

INTRUSIVE ROCKS

(i1) PSEUDOLEUCITE PORPHYRY & (i2) MEGAPORPHYRY:

The i1 and i2 are relatively rare, and occur as thin dikes in the Central Zone. Pseudoleucite porphyry is light grey to light greenish grey. Phenocrysts of euhedral pseudoleucite are set in a pale grey to pinkish grey, aphanitic, orthoclase rich matrix. Phenocrysts comprise 10-30% of the rock, and vary in size between 4-10 millimetres, and more rarely 10-20 millimetres. Distinct intrusive contacts and chill margins are observed. Pseudoleucite megaporphyry comprises 3-10% 2-4 centimetre, subhedral diffuse to euhedral pseudoleucite megacrysts and crystal fragments, and 3-5% 1-3 millimetre tabular orthoclase phenocrysts in a slate grey, fine grained matrix.

(i3) GREY SYENITE PORPHYRY:

The i3 rocks are commonly brecciated and intensely orthoclase altered. Well mineralized sections are brecciated by a garnet rich hydrothermal breccia. i3 is comprised of 5-7%, bimodally distributed orthoclase phenocrysts set in a fine grained, salt-and-pepper textured, hornblende-biotite rich, altered matrix. Phenocrysts are milky white, subhedral, equant and rarely tabular 4-7 millimetre and 10-15 millimetre bodies. Hornblende is generally altered to biotite and chlorite. This unit was previously named dark syenite porphyry.

(i4) DARK ORTHOCLASE SYENITE:

Early dark syenite porphyry (i4a) is medium to dark grey, porphyritic, with 3-7%, 2-5 millimetre and 10-20 millimetre, subhedral to rounded, orthoclase phenocrysts set in a dark grey to pale brown or pink, fine grained groundmass. This unit hosts abundant disseminated and veined bornite and chalcocopyrite. It grades, in places imperceptibly, into crystal lithic tuffs of unit V3, described above, and may be the subvolcanic equivalent of unit V3. Fragments of unit i4a are commonly found in unit V3.

Late dark syenite porphyry (i4b) occurs as rounded outcrops on surface and as irregular to tabular east dipping dikes. It is dark grey-green, porphyritic, with infrequent large, zoned, euhedral pseudoleucite phenocrysts 2-4 centimetres in size. Orthoclase phenocrysts 3-15 millimetres in size comprise 10-40% of the rock, and are matrix supported by a mixture of fine grained orthoclase, biotite and chlorite as alteration products.

(i5) FINE GRAINED ORTHOCLASE SYENITE MEGAPORPHYRY:

This unit is pale to medium brown, porphyritic, with 10-15%, 0.4-1.0 centimetre and rarely >3 centimetre sub- to euhedral orthoclase phenocrysts, and 5-7% 2-3 millimetre plagioclase phenocrysts. Also present and characteristic of this rock are euhedral 1-2 millimetre, and rarely 7-10 millimetre hornblende phenocrysts forming 3-5% of the rock. The groundmass is fine grained, brownish grey, and hematite rich. Pale brown, disseminated garnet is common as an alteration product. This unit is equivalent in large part to previously mapped "garnet syenite megaporphyry".

(i6/i8) EQUIGRANULAR AND PORPHYRITIC SYENITES:

This closely related family of syenites occur as tabular and irregular, anastomosing, steep dikes. They are distinguished primarily on matrix and phenocryst size differences.

Fine grained syenite (i6) is a medium green-grey, equigranular, fine grained intergrowth of orthoclase, altered hornblende and epidote.

Fine grained syenite porphyry (i7) is greenish grey, and composed of 2-5%, 2-10 millimetre, subhedral, tabular, and equant orthoclase phenocrysts set in a greenish, often epidote rich, fine grained groundmass of orthoclase altered hornblende and epidote. The rock is locally crystal poor, and texturally equivalent to i6 and i8.

Medium grained syenite (i8) is a medium green to grey, equigranular intergrowth of orthoclase, altered hornblende, epidote, and rare 2-5 millimetre orthoclase phenocrysts.

(i9) MEDIUM GRAINED ORTHOCLASE SYENITE MEGAPORPHYRY:

This late to post-mineral unit contains 10-30%, euhedral, often tabular orthoclase megacrysts (1-3 centimetres) in a medium to rarely coarse grained, orthoclase rich groundmass. The orthoclase megacrysts are often zoned peristerite. Chlorite and biotite pseudomorphs after hornblende form 3-7% of the rock. Subhedral plagioclase occurs in the matrix, and occupies 5-10% of the rock. Epidote and garnet commonly occur as disseminated alteration phases, and locally in vugs. In thin section, the matrix also contains pseudoleucite, magnetite, zircon, sphene, apatite and pyroxene. This unit is equivalent to the epi-syenite megaporphyry of Allen (1966) and other past workers.

(i10) PLAGIOCLASE SYENITE PORPHYRY:

Unit i10 is brownish to brownish grey, and found as steep dikes. An aphanitic to fine grained matrix supports 3-10%, 3-5 millimetre plagioclase phenocrysts. The matrix is generally hematite altered. This unit may in large part be equivalent to unit i11.

(i11) MEDIUM GRAINED SYENITE PORPHYRY:

This unit is common as sub-vertical dikes. The rock is generally pinkish brown to grey, porphyritic, with 3-7% 2-3 millimetre and rarely 5-10 millimetre subhedral orthoclase phenocrysts, set in a fine to medium grained, orthoclase rich groundmass. Sericite patches, possibly after plagioclase, comprise 2-3% of the rock, and are composed of light green, felted masses 0.5-1 millimetre in diameter. Chloritized hornblendes or pyroxene 1-2 millimetres in size are rare.

(VJP) JUNCTION PORPHYRY & (WFP) WEST FORK PORPHYRY:

Visually the junction porphyry and west fork porphyry are similar, with the distinction between the names arising from the areas in which they occur. The porphyries are a dark grey-green colour. The aligned orthoclase and hornblende phenocrysts give the rock its characteristic trachytic texture. The orthoclase phenocrysts range from 0.3mm x 5mm up to 4mm x 15mm; orthoclase comprises up 5-10% of the rock. Fine grained biotite comprises 15-20% of the rock and is typically altered to chlorite. The hornblende content is absent to 5% and is often altered to chlorite and epidote. Fine grained magnetite is common.

BRECCIAS

(B1) DIATREME BRECCIA:

Diatreme breccia clasts are rounded to subangular, and form lapilli-sized fragments to fragments several tens of centimetres across. Clasts are generally orthoclase altered, in places quite strongly, and sit in a matrix of sand and silt sized particles.

(B2) HYDROTHERMAL BRECCIA:

Hydrothermal breccias are characterized by subangular, rotated clasts of grey syenite porphyry, pseudoleucite porphyry and intermediate and mafic volcanic rocks. In most cases, the breccias are framework supported, with an interstitial matrix of brown garnet, anhydrite, orthoclase, biotite +/-diopside. The breccia is moderately to strongly mineralized. The main copper mineral is chalcopyrite, which occurs as disseminations and stringers.

(B3) ORTHOMAGMATIC BRECCIA:

The term orthomagmatic breccia has been used in the past interchangeably with hydrothermal breccia; however, the two units are distinctively different. Orthomagmatic breccias are heterolithic, unsorted, with rounded to angular clasts, which are found in a magmatic, often porphyritic, matrix.

POST-MINERAL DIKES

Mafic dikes (D2) are dark, reflecting a high mafic component. Intermediate dikes (D3) are medium to dark grey-green, and rarely porphyritic. Felsic dikes (D4) are aphanitic and more rarely porphyritic, light grey to buff, and contain no mafic minerals. Lamprophyre dikes (D1) are biotite and/or hornblende rich, and fine to medium grained.

7.3 Summary of Exploration Drill Results

The following section describes the geology and mineralization encountered in the exploration drill holes from Table 5. Cross sections of the drill holes displaying lithology, gold (≥ 0.1 g/t Au) and copper ($\geq 0.1\%$ Cu) can be found as plates in Appendix IV. Core photographs can be found in Appendix V. Copies of geological drill logs can be found in Appendix VI. ALS Minerals assay certificates and analytical protocols are located in Appendices VII and VIII, respectively. Map3 of the drill collar locations can be found in Figures 3 and 4.

Significant assay composites for exploration drill holes from varying GC12 holes in Table 5, are summarized in Table 9. Brief drill hole summaries for all exploration holes follow.

Criteria for establishing the following assay composites include defining intervals as a minimum twenty metre Cu interval with average grade >0.35% copper.

Table 9 – Summary of Significant Drill Hole Assay Composites

Hole ID	From (m)	To (m)	Assayed Length (m)	Cu %	Au g/t	Ag g/t
GC12-0837	7.36	57.2	49.84	0.73	0.1	7.6
GC12-0837	201	240	39	0.36	0.05	5.5
GC12-0837	260	304	44	0.36	0.06	6.7
GC12-0845	128	357	229	0.55	0.17	7.2
GC12-0845	453	513	60	0.59	0.14	5.1
GC12-0845	525	551	26	0.73	0.23	6.2
GC12-0849	39	74	35	0.64	0.24	7.6
GC12-0849	100	163	63	0.44	0.12	9.1
GC12-0849	269	355.5	86.5	1.31	0.46	6
GC12-0854	92	162.8	70.8	0.58	0.31	6.4
GC12-0858	261.5	377	115.5	0.44	0.12	6.1
GC12-0877	143	173	30	0.53	0.24	6.4
GC12-0877	184	280	96	0.9	0.2	6.8
GC12-0877	344	445	101	1.01	0.39	5.6
GC12-0882	181.5	270	88.5	0.61	0.11	6.6
GC12-0884	221	318	97	0.7	0.16	6.4
GC12-0884	467	518	51	1.06	0.43	7.6
GC12-0886	323	568	245	0.83	0.15	7.2
GC12-0838	322	515.16	193.16	0.59	0.18	5.8
GC12-0838	550.42	606.04	55.62	0.42	0.09	5.9
GC12-0839	76	101.5	25.5	0.64	0.2	3.7
GC12-0839	143	187	44	0.47	0.22	4
GC12-0839	254.5	316	61.5	0.94	0.38	7.8
GC12-0843	56	134	78	0.35	0.07	5.3
GC12-0843	299	354	55	0.55	0.09	5.5
GC12-0843	452	480	28	0.6	0.14	6.4
GC12-0844	363	383.63	20.63	0.52	0.1	6.3
GC12-0844	453.9	489	35.1	0.81	0.3	12.3
GC12-0847	339.7	462	122.3	1.02	0.28	9.1
GC12-0847	528.5	685.7	157.2	0.42	0.23	4.7
GC12-0847	698.9	734.3	35.4	0.51	0.13	5.3
GC12-0851	28.1	79	50.9	2.4	0.17	14.3
GC12-0851	91	162	71	1.37	0.09	8.3

Table 9 – Summary of Significant Drill Hole Assay Composites Continued

Hole ID	From (m)	To (m)	Assayed Length (m)	Cu %	Au g/t	Ag g/t
GC12-0851	234	299	65	0.56	0.15	6.1
GC12-0851	340	379.5	39.5	0.75	0.14	7.3
GC12-0851	534	584.9	50.9	0.38	0.12	7.1
GC12-0851	669.65	698	28.35	0.36	0.09	5.9
GC12-0856	119.5	185	65.5	0.43	0.06	4.7
GC12-0856	268.92	322.25	53.33	0.38	0.14	8.5
GC12-0862	24	48.2	24.2	0.36	0.13	2.9
GC12-0867	439.25	516	76.75	0.44	0.17	4.1
GC12-0869	183	223.54	40.54	0.62	0.12	5.8
GC12-0872	228	273	45	0.66	0.09	4.6
GC12-0873	107	225	118	0.56	0.1	4.9
GC12-0878	158	211	53	0.4	0.07	5.2
GC12-0852a	34	57.5	23.5	1.95	0.51	11.1
GC12-0868	24	82.8	58.8	2.86	1.22	10.5
GC12-0868a	24.5	86	61.5	2.79	1.12	10.6
GC12-0883	15.8	90.5	74.7	2.38	0.6	11.2
GC12-0840	485	661	176	0.5	0.21	3.7
GC12-0842	33	240	207	0.84	0.21	9.3
GC12-0842	256	289.02	33.02	0.45	3.47	9.3
GC12-0850	77.5	107.5	30	0.37	0.42	1.9
GC12-0852	270	383	113	0.91	0.14	10
GC12-0857	5	26	21	0.6	0.11	5.2
GC12-0857	87.94	124	36.06	1.83	0.18	21.1
GC12-0857	197	243.27	46.27	0.62	0.09	9.8
GC12-0883	320	356.2	36.2	0.35	0.11	4.8
GC12-0883	407.63	460	52.37	0.68	0.2	8.5

7.3.1 DDH GC12-0826b

GC12-0826b is a re-entering of a previously drilled hole, to push GC11-0826 deeper and upgrade inferred ore within and adjacent to AES pit and test for extension of the Chalcopyrite (cp) domain. The hole started producing core at 400.95m and terminated at a final depth of 821.00 metres.

This hole intersected different dikes of intermediate (D3) and dark orthoclase syenite (i4), with hydrothermal Breccias (B2), until 480m. Around 488m, orthoclase-bearing volcanic (V3) starts to go down into pseudoleucite-bearing volcanic (V2). This interlayers until 528m, where V2 is the remaining dominant volcanic until the bottom of the hole.

The V2 can get well populated with disseminated and blebby mineralisation, up to 1.2% cp and 2.8% pyrite (py) locally. The breccias are just as strongly mineralised, and the V3's are a bit lesser to a degree of around up to 0.6% chalcopyrite and 1.5% pyrite.

7.3.2 DDH GC12-0837

GC12-0837 was drilled as part of GCMC's exploration drill program to test for deep extension of the chalcopyrite (cp) domain in the East Fault foot wall, offset of mineralization encountered in GC11-0816; also to test for upgrading and possible extensions within the Central-North. The hole went to a final depth of 677m.

The first 467m of the hole is mostly Pseudoleucite Bearing Volcanic (V2) with multiple fingers of Intrusive Dark Orthoclase Syenite (i4), Undifferentiated Intermediate Volcanic (V5) and Intrusive Medium Grained Orthoclase Syenite Megaporphyry (i9). The majority of the rest of the hole, 467m to 677m, is Undifferentiated Mafic Volcanic (V4) with multiple fingers of Pseudoleucite Bearing Volcanic (V2), Intrusive Medium Grained Syenite (i8), Augite Bearing Volcanic (V1) and Intrusive Medium Grained Orthoclase Syenite Megaporphyry (i9). The hole terminates in i8.

The mineralization of the V2 units has a high percentage of mineralization pyrite and chalcopyrite and there is also trace bornite observed in these units. The mineralization of the i4 unit has a high percent of pyrite and a low percent of chalcopyrite. The mineralization of the V5 units occurs as localized high percentages of pyrite and chalcopyrite. The mineralization of the i9 unit occurs as a low percentage of pyrite and a high percentage of chalcopyrite. The mineralization of the i8 and the V1 units both occur with a moderate amount of pyrite and chalcopyrite. The mineralization of the V4 unit has a high percentage of pyrite and chalcopyrite and there is also trace bornite observed in these units. There is a 5 m wide Mafic Dike (D2) that cuts through a V2 finger at about 215m.

7.3.3 DDH GC12-0838

GC12-0838 was drilled as part of GCMC's exploration drill program to test the cp domain/East Fault relationship within AES pit, and also test for depth extension of Bountiful mineralization. The hole went to a final depth of 760.00 m.

The hole is varying V3 volcanics with the contact into predominantly V2, coming at an interlayering gradation over 375-475m interval. Both types of volcanics are subject to strong mineralization of patchy py and blebby cp, particularly adjacent to dykes.

A fault zone (FZN) occurs from 153 to 199m, with most intense gouge observed at 171.3 - 177.3m

7.3.4 DDH GC12-0839

GC12-0839 was drilled as part of GCMC's exploration drill program to test for western and deep extension of bountiful mineralization below the i4 intrusive. The hole terminated at 760.00 metres.

The hole intersects V3 and medium grained Orthoclase Syenite (i9), with some i4 dyklets, down to 547m. From there, felsic volcanics make their way to V2 at 648m. V2 is dominant to the hole's end with a lamprophyre dike (D1) near the bottom, which appears to come in along a shear zone. The mineralization is described as typical for the volcanics, as in summary for GC12-0826b above, with presence of trace bornite (bn).

7.3.5 DDH GC12-0840

GC12-0840 was drilled as part of GCMC's Resource drill program as an upgrade hole in the block model on the western side of Central-North. It went to a final depth of 736.00m.

After collaring through 36m of overburden (OVB), the hole intersects right into V2 (with various dikes) until the contact with Augite bearing volcanic (V1) at 304m. The V1 is dark green, chloritic, with weak cp that concentrates with stronger garnet (gar) alteration. This V1 unit is dominant to the end of the hole with the presence of some mafic crystal lithic tuff (V4h).

A fault zone is observed from 257-262m, with abundant specular hematite (spec) occurring with intense hematite (hem) in the healed portion, and the remaining rock is either k-spar bleached or fractured-up with gouge present.

7.3.6 DDH GC12-0841

GC12-0841 was drilled as part of GCMC's exploration drill program, intended to test for northern and deep extension of the Bountiful cp domain with possible conversion of indicated low grade ore to higher grades within AES pits, and possible conversion of inferred ore to indicated. Attempt of drilling this hole was abandoned after 171.00 m.

Undivided V5 volcanics comprised this hole, with some faults and slickensides at the terminus depth. Volcanics ranged between mafic (V4) and felsic (V6) as well. The core is also intensely fractured from 140 - 146m with predominant orientation ~ 55 degrees to core axis (TCA). Pyrite mineralisation varies between 0.5-5% with some trace hematite, limonite, malachite and azurite also present. The felsic V6 has comparably much less py content at <1%.

7.3.7 DDH GC12-0842

GC12-0842 was drilled as part of GCMC's exploration drill program to test for increasing the depth and western extension of the chalcopyrite (cp) domain with the AES pits, and offset the mineralization encountered in GC11-0816. It went to a final depth of 620 meters.

The hole's first 29.0 meters were logged as overburden (OVB), followed by an orthoclase-bearing volcanic (V3) extending down to 83.2 meters; a broken-rock, gouged fault zone (FZN) was observed to run from 44.0 until 49.8 meters. An inferred gradual contact between pseudoleucite-bearing volcanic (V2) exists at 83.2 meters, followed by a competent highly sheared Fault Zone (FZN) running from 164.47 until 167.24m identified as the East Fault; bounded at depth by a thin unit of medium grained orthoclase syenite megaporphyry (i9) intrusive. Heterolithic hydrothermal breccias (B2b) extend from 167.86 until 238.03 meters where the unit extends into the pseudoleucite-bearing volcanic (V2). Observed within the V2 are intrusive fingerings of dark orthoclase syenite differentiated between i4a (early), i4b (late), and occasional unidentified (i4) units. V2 grades into an augite-bearing volcanic (V1) at approximately 461.72 meters and runs until 547.26 meters. Within the V1 are small 2-3 meter dikes identified as mafic (D2), intermediate (D3) and felsic (D4) composition. V1 grades back into unit V2 at approximately 547.26 meters and runs until the end of hole at 620.0 meters depth.

Within this unit are local fingerings of medium grained orthoclase syenite megaporphyry (i9) intrusive.

The V3 unit at the top of the hole averages around 1.2% chalcopyrite, 0.25% pyrite (py), and lesser 0.1 % bornite (bn) above the fault zone. Above the East Fault, the V2 unit averages at 0.7% chalcopyrite with lesser trace pyrite <0.2%. Below the fault, mineralization increases within the B2b at 1.4% chalcopyrite in veins and along fractures, and associated garnet +/- biotite blebs hosting cp mineralization. Additionally, lesser sparse bornite (0.1%) is found within the B2b unit. Locally, the intrusive i4 unit hosts variably disseminated chalcopyrite and pyrite as <0.1% overall. Mineralization of i4 unit increases near proximity to heavily brecciated zones. Following the breccias, mineralization of V2 weakens at an average value of 0.2% cp and <0.1% trace pyrite overall. V1 units have a sparse mineralization averaging at <0.1% chalcopyrite and pyrite overall along with a decrease in visible mineralization with depth to end of hole.

7.3.8 DDH GC12-0843

GC12-0843 was drilled as part of GCMC's exploration drill program to test for northern and deep extension of Bountiful's cp domain with possible conversion of indicated low grade ore to higher grades. The hole went to a final depth of 657.00 m.

The hole collared in 21m of OVB and intersected the V3 unit until 447m, being cut by dikes of i4 and D2. V2 begins at this depth and interlayers with V3 until the end of the hole at 657m. Some faulting is occurring at this bottom depth. Cp and py sulfides are anywhere from weak to moderately strong within the volcanics, associated with veins, and in patchy textures.

7.3.9 DDH GC12-0844

GC12-0844 was drilled as part of GCMC's exploration drill program to test for northern and deep extension of the Bountiful cp domain - possible conversion of indicated low grade ore to higher grades within AES pits, and possible conversion of inferred ore to indicated ore at depth. The hole went to a final depth of 692.00 m.

The first 331m comprised an orthoclase bearing volcanic (V3). Within this unit, felsic (D4) and mafic (D2) dikes cut through at 50-58m and 54-55m respectively. A dark

orthoclase syenite (i4) follows this D2 until 142 with a small D2 within this i4 unit. V3 begins again with a medium grained syenite porphyry (i8) from 260-262m and V3 ending at 331m. A pseudoleucite bearing volcanic (V2) and a crystal lithic pseudo-bearing volcanic (V2h) dominate the rest of the hole with intermittent short i4's, fine grained syenite porphyries (i7) and medium grained syenite porphyries (i8). The hole terminates in a V2h. The main chalcopyrite (cp) mineralization is from 450m to 485m and from 535m to 600m and ranges from 0.3 to 1% and comes in the form of localized to blebby occurrences within the V2 unit just before and following the fault zone. Disseminated Py occurs from 40-100m, 150-175m and 360-500m ranging from 1-12% mostly within the V3 units and decreasing within the intrusive units. Near the end of the hole, garnet alteration increases. The fault zone occurs between 452m and 455m.

7.3.10 DDH GC12-0845

GC12-0845 was drilled as part of GCMC's exploration drill program and was dependant on the results of GC12-0842 and GC12-0837. It went to a final depth of 593 meters.

The hole's first 35.0 meters were logged as overburden, followed by a thin unit of medium grained orthoclase syenite megaporphyry (i9). An orthoclase-bearing volcanic (V3) runs from 40.0 meters until 84.83 meters which continues to grade into a pseudoleucite-bearing volcanic (V2); observed to run until 131.0 meters. Identified as the East Fault, a competent/no gouge highly sheared fault zone (FZN) extends through depths 131.0 to 139.0 meters. Within this zone is a 2 meter section of i9. Pseudoleucite-bearing volcanic (V2) runs from 139.0 to 373.0 meters, with four intermittent units of heterolithic hydrothermal breccias (B2b) ranging from 4.0-20.0 meters in thickness. V2 is described to brecciate within a flow (V2c) toward the end of the unit, with small fingerings of early medium grained orthoclase syenite megaporphyry (i9a). At approximately 387.85m, V2c grades into an augite-bearing volcanic flow (v1a), which continues to grade into an augite-bearing undivided volcanic (V1) until end of hole at 593.0 meters. Mafic (D2) and intermediate (D3) dikes observed within this interval along with a local fingering of late medium grained orthoclase syenite megaporphyry (i9b) toward the end of hole.

The dominant mineralogy in this hole is hosted in the heterolithic hydrothermal breccias (B2b) unit. Increasing garnet alteration + hematite + chlorite +/- magnetite hosts blebs of above grade chalcopyrite between averages over units of 0.7-2.36% with 0.3% pyrite

and trace bornite at <0.1%. In addition, mineralization in this unit is associated with anhydrite + hematite + chlorite veins of <2cm. The upper orthoclase-bearing volcanic (V3) was observed to host <0.1% chalcopyrite and 0.5% pyrite, with grade increasing down hole toward the East Fault zone. The fault itself hosted cp grades averaging from 0.5-1.0%. Adjacent to this zone and within the pseudoleucite-bearing volcanic, grades were observed to average at 0.6% chalcopyrite with bornite (0.1-0.4%) noted closer to the upper contact with FZN. V2 is consistently mineralized with depth averaging 0.6% copper with trace disseminated bornite observed in smaller intervals. Augite-bearing volcanic (V1) showed a decrease in cp with 0.3-0.9% and trace pyrite <0.1%. Intrusive of i9a and i9b cross cut the volcanic suite throughout section, however minimal mineralization observed with <0.1% chalcopyrite and pyrite.

7.3.11 DDH GC12-0846

GC12-0846 was drilled as part of GCMC's exploration program to test for upgrade and possible extensions of mineralization within the Central Zone North Gold Lens. It went to a final depth of 377.00 m.

For the first 134m, the majority of the hole is Undifferentiated Intermediate Volcanic (V5), which is intruded by a medium grained Orthoclase Syenite (i9) and a Dark Orthoclase Syenite (i4). From 134m to 278m the majority of the hole is Augite Bearing Volcanic (V1), which is intruded several times by i4. The rest of the hole, 278m to 377m (E.O.H.), is Undifferentiated Mafic Volcanic (V4) which is intruded several times by i9.

From 65m to 377m (E.O.H.), the hole is mineralized with chalcopyrite ranging from trace (0.1%) to well mineralized (1.5%). The high mineralization of chalcopyrite occurs mostly in the V4 units. In the units i9 (149m – 167m) and i9 (149m – 167m), trace bornite (0.1% - 0.2%) is found throughout these two units. Trace galena is found at 119m, 193m and 211m. The V4 unit (278m – 296m) is brecciated from heavy garnet alteration.

7.3.12 DDH GC12-0847

GC12-0847 was drilled as part of GCMC's 2012 program to test for Bountiful mineralization within the AES pit (extend CP domain up, down, and east), and to upgrade inferred ore adjacent to AES pit boundary. The hole reduced to NQ at 141m. It went to a final depth of 759.00 m.

The hole collared in V5 down to 62.5m followed by an i4a down to 84m. The hole then goes back into the V5 down to 162m with a few small dikes of i4 and D3. V3 is the dominant rock type from 162-276.9m with several dikes of i4a ranging in size from 7m-12m. V2 is encountered at 276.9-344.2m with two small mafic and intermediate dikes. This is followed by a V3h from 344.2-450m which is immediately followed by a biotite altered mafic volcanic down to 499.2m. The rest of the hole is dominated by V2h with several small syenite intrusions inter-fingering the unit. The most significant is an i7 from 513.2—528.7m along with less than 8m of i4a, i11, i8, and a small D2 dike. The hole ended in a V2h at 759m.

Weak to moderate Chalcopyrite mineralization is encountered in both the V3 and the i4a as disseminations and fracture fill ranging from 0.1-0.5% with moderate to strong pyrite as blebs, veins, and fracture fill ranging from 0.4-5%. The V2 also holds weak to moderate Chalcopyrite mineralization as disseminated blebs and fracture fill ranging from 0.1-0.6% again with strong pyrite ranging from 0.2-5%. The best mineralization is held in the V3h and the V2h with Cp 0.5-2.5% from 346-360m, 0.5-1.5% from 374-390m, and 0.5-1% from 408-448m as blebs associated with pyrite and at times an increase in magnetite. The best mineralization is within the V2h from 556-599m with Cp ranging from 0.5-2% averaging over 1% for that interval, as well as, 671-685.7m with Cp 0.5-2% again averaging over 1% and 715-734m with Cp 0.1-3.5% averaging around 1%. Cp drops off to 0.1-0.3% for the remainder of the hole. In these intervals Cp occurs as disseminated blebs and to a lesser extent as fracture fill, it is at time associated with an increase in magnetite, biotite alteration, or patchy garnet alteration though not limited to these.

7.3.13 DDH GC12-0849

GC12-0849 was drilled as part of GCMC's exploration drill program to test for extension of high grade ore in the AES pit along both the eastern boundary and at depth. The hole was drilled to a final depth of 552.00 m.

The hole is comprised largely of orthoclase bearing volcanics intersected by syenite intrusions and mafic dykes. Up to 122.5 m an orthoclase-phyric volcanic (V3) cut by a syenite intrusion (i9) at 74-88m. The majority of the hole is comprised of a pseudoleucite bearing volcanic (V2) which is intersected by relatively thin (< 20 m) dark orthoclase syenite fingers (i4a).

Mineralization in the V3 exists as minor trace (<0.2 %) chalcopyrite and disseminated 0.2-1 % pyrite with occasional 0.1 % hematite. The V2 is very well mineralized with disseminated 0.2- 6 % Cp and 0.2-.5 % Py from 263.2 to 325.5 m. No Bn visible. At 458 – 552 m depth (below the modeled pit wall) mineralization decreases but is still disseminated throughout and in fractures ranging from 0-1.5 % Cp, 0-3.5 % Py and 0-0.1 % Bn.

Evidence of a major fault was found at from 136.5 to 138 m with 20 cm of gouge recovered. Hole terminated at 552 m due to a decline in Cp and an increase in Py mineralization.

7.3.14 DDH GC12-0851

GC12-0851 was drilled as part of GCMC's exploration drill program. Its aim was to test for northern and deep extensions of the Bountiful chalcopyrite domain while converting the indicated low grade ore to higher grades within the AES pits, and possible conversion of inferred ore to indicated at depth. The hole was completed to a final depth of 698 meters.

The first 325 meters is an orthoclase-bearing volcanic (V3) which is consistently cut by a series of 1.0-2.0m intermediate and mafic dykes (D3) and (D2) respectively. An extensive i9b was logged from 164 to 206 meters depth. The initial appearance of the pseudoleucite-bearing volcanic (V2) was logged at 325 meters. Hosted within this V2 is a series of breccias. A hydrothermal breccias from 340-366 meters, followed by a breccia modified V2 from 366m until 471.77 meters. Within this brecciated V2 is a series of dark orthoclase syenite intrusive fingerings, an orthomagmatic breccia from 404.9-421 meters, two mafic dykes <2.0m, and a lavender syenite porphyry/Butte porphyry i12/BP. A small fingering of the medium grained syenite (i8) follows the sequence, along with a highly sheared competent fault zone. The remainder of the hole is V2, with intrusive fingerings of the i12/BP, the i11, and two mafic dikes (D2). Nearing the end of hole, the augite-bearing volcanic makes an appearance followed by inter-bedding of V2 and finishing off with the intrusive i4.

Mineralization starts strong, with chalcopyrite and pyrite ranging from 0.6 to 7% and 1-2% respectively, within the V3 unit up until 267 meters. It is however cross cut by a relatively unmineralized i9 intrusive from 164-206m. Copper and pyrite mineralization

are seen within the cemented fluids of the breccias; chalcopyrite from 0.5-1.5% and pyrite from 0.5-1.1%. There is a copper “dead zone” for approximately 140 meters, until the V2 unit picks up grades running at 0.1-1.5% with depth. This zone is cut by unmineralized trace (<0.1% pyrite) mafic dykes, as well as unmineralized intrusives suites of i4 and i11. Mineralization decreases toward the end of hole at 698m.

7.3.15 DDH GC12-0852

GC12-0852 was drilled as part of GCMC's exploration program, which tested the cp domain extension at depth and within AES pit in East Fault footwall after indications of offset mineralisation in GC11-0816. The hole completed to a final depth of 708.00 m. There was a failed attempt at drilling this hole, GC12-0852a, which abandoned at a depth of 82.00 m.

The first 282m of this hole is Orthoclase Bearing Volcanics (V3) cut by several later Fine Grained Orthoclase Syenite Megaporphyry (i5) and Medium Grained Orthoclase Syenite Megaporphyry (i9) intrusions of up to 40m wide. From 282 - 317m the hole encountered a Hydrothermal Breccia (B2). This breccia is hetrolithic and matrix dominated. From 317m the drill hole passes into the older Pseudoleucite Bearing Volcanics (V2) which are pervasively cut by mafic dykes, generally ~2.5m in width but can be up to 19m wide. The V2 is also cut by several Dark Orthoclase Syenite (i4) intrusions, up to 15m in width. The hole terminates in heavily altered V2 at 708m.

The V3 units in the upper part of the hole are generally quite strongly mineralised, with up to 0.3% chalcopyrite and 0.8% pyrite disseminated through the rock increasing to 6% and 2% respectively with blebby mineralisation. Their intrusions, i9 and i5, are less well mineralised with up to 0.2% chalcopyrite and 0.5% pyrite disseminated through the rock increasing up to 0.4% and 0.6% in association with anhydrite veining. The breccia at 282m depth is more strongly mineralised again with up to 5% chalcopyrite and 0.2% pyrite disseminated through the matrix increasing to 6.5% chalcopyrite and 0.5% pyrite in the presence of blebby and veined mineralisation. The V2 units in the lower part of the hole are also quite strongly mineralised with 0.5% chalcopyrite and 5% pyrite disseminated through the rock increasing to 4% chalcopyrite and 0.3% bornite with blebby mineralisation associated with patches of later garnet alteration. The D3 units intruding it are relatively unmineralised generally containing only trace pyrite but the porphyritic i4 units do contain some mineralisation with up to 0.3% chalcopyrite and

0.5% pyrite disseminated through the rock increasing to 0.8% chalcopyrite with blebby mineralisation again associated with later garnet alteration.

The V2 unit from 317 - 465m is cut by the East Fault and as such exhibits relatively strong faulting and shearing compared to the other units.

7.3.16 DDH GC12-0854

GC12-0854 was drilled as part of GCMC's exploration drill program to test for extension of high grade ore in the AES pit along both the eastern boundary and at depth. The hole was drilled to a final depth of 407.00 m.

The hole is comprised largely of orthoclase bearing volcanics intersected by syenite intrusions and mafic dykes. Overburden comprised the initial 29.8 m drilled followed by a 3m thick mafic dyke (D2). From 29.8 – 41m is a light grey to green syenite megaporphyry (i9b) to. From 41- 162.8m is a grey to dark green medium to fine-grained phytic volcanic (V3). A small i9b intrusion (162.8- 178.6 m) is followed by a dark green to dark grey augite bearing volcanic (178.6- 221 m). From 224 - 407m an orthoclase bearing volcanic (V3) is cut by three dark orthoclase syenite intrusions 8- 35m in thickness.

Mineralization in the V3 from 41- 162.8m exists in both fractures and disseminated with 0.1-1.5% Cp and 0.5-2% Py. The V1 is mineralized with disseminated 0.1- 0.5 % Cp, 0.1- 0.2 % Py and one sample with trace amounts of Bn in a fracture. All intrusions in the lower section of V3 material (224- 407 m) are weakly mineralized with trace Cp and Py.

7.3.17 DDH GC12-0856

GC12-0856 was drilled as part of GCMC's exploration drill program. Initially it was with the aim of testing for northern and deep extensions of Bountiful mineralization, while additionally testing for near surface low grade within the AES pits. It went to a final depth of 593 meters.

In general, the hole's first 377 meters is an orthoclase-bearing volcanic (V3) unit cut by an early and a late medium grained orthoclase syenite megaporphyry (i9a) and (i9b) respectively, an early dark orthoclase syenite (i4a), and what has been described as the medium grained syenite porphyry (i11). The intrusive units vary in size with i9 being the most extensive, followed by i4, then the latter i11. Two heavily sheared and competent

fault zones cut this sequence at 267.74 - 268.92m and 309.7 - 312 meters depth. A sequence of breccias follow, which are once again cut by two faults from 407-408 and 413.5-414.5 meters depth. The 5.5m interval between the two faults is an unidentified breccia; a hydrothermal breccias lies above the faults from 377-407 meters and an orthomagmatic breccia below at 414.5-435 meters depth. Both breccias contain clasts of i4a, V2, V3 and lesser D3. Moving into the pseudoleucite volcanic (V2) from the V1, this unit again is cut by a sequence of intrusive including i4a, i9, and what has been identified as the lavender syenite porphyry (i12) or Butte Porphyry (BP), thus given the modifier i12/BP. Within this package, are steeply dipping intermediate dykes D3 followed by mafic dykes D2 with depth.

Prior to 132.48 meters the V3 is consistently disseminated with fine pyrite around 1.0-2.0%. Down hole following 132.48 meters, the V3 increases in grade with the appearance of chalcopyrite from 0.3-0.9%. while maintaining high pyrite values. The various i4a intrusives within this unit host weaker degrees of chalcopyrite from 0.2-0.4%. The i9a unit is dead, averaging at 0.1-0.3% pyrite alone. Proximity to the fault zones, the chalcopyrite values within the V3 increase to 0.6-1.4% - associated with structural controls? Both the hydrothermal and orthomagmatic breccias are seeing a decrease in mineralization of cp averaging from 0.2-0.6% and 0.1-0.4% respectively. It was noted however, that the matrix of both contained high pyrite values of 1-3% and 0.2-1.4% respectively. Following this sequence, the volcanics, intrusives, and minor dyke sets, are relatively unmineralized with respect to cp values, pyrite on the other hand average 0.3-1.0% throughout. Potassium feldspar alteration increases significantly in the V2 sequence following 471.45 meters, where it is observed to increase in garnet alteration and becomes heavily bleached and re-mineralized (0.3-1.0%) at approximately 500 meters depth. The D2 dykes which cut the V2 toward the end of hole are dead, with trace pyrite <0.1%.

7.3.18 DDH GC12-0857

GC12-0857 was drilled as part of GCMC's exploration drill program to test for extension of high grade ore in the AES pit at depth within the AES pit footwall. The hole was drilled to a final depth of 470.00 m.

The hole is comprised largely of orthoclase bearing volcanics intersected by syenite intrusions and mafic dykes. Overburden comprised the initial 5 m drilled followed by a

forest green and grey orthoclase bearing volcanic (V3) to a depth of 162 m. The V3 is cut by a dark orthoclase intrusion (i4a, 23- 53 m) and syenite megaporphyry (i9b, 69-87 m). From 162- 470 m a light grey to pink pseudoleucite bearing orthoclase volcanic (V2) is intersected by a series of dark green mafic dykes (D2) and dark orthoclase syenites (i4a). A major fault was observed at 330 m as a slick surrounded by stress fractures within a mafic intrusion.

Mineralization in the V3 from 5- 162 m is typically low grade existing in both fractures and disseminated with 0.1-1 % Cp and 0.5-10 % Py. Higher Cu grades within the V3 were observed between 53 and 69 m. The V2 also contains low grade mineralization with 0.1 -0.5 % Cp and Py and up to 3 % hematite.

7.3.19 DDH GC12-0858

GC12-0858 was drilled as part of GCMC's exploration program to test for upgrading for possible extensions of mineralization within the Bountiful area of the Central Pit. It went to a final depth of 404.00 m.

The hole encountered 47m of OVB, followed by variations of V3 until 247m, where mafic V4 is also present until 308m. At this contact we begin to enter the deeper V2 layers. The hole terminates at 404m in this highly k-spar and ser-altered V2. Py and cp is disseminated throughout both the V2 and V3 units with the sulfides also infilling fractures or smearing their surfaces.

7.3.20 DDH GC12-0860

GC12-0860 was drilled as part of GCMC's exploration drill program. Dependant testing northern and deep extensions of Bountiful mineralization along with near surface low grade within AES pits. It was drilled to a final depth of 620.00 meters.

An initial 11.88 meters of overburden was followed by 124 meters of orthoclase-bearing volcanic (V3) which was cut twice by two intervals (20-30 meters) of late medium grained orthoclase syenite megaporphyry (i9b). Hydrothermal breccias follow for approximately 20 meters, then the brecciated V3 which grades into brecciated pseudoleucite bearing volcanic (V2) until 282.5 meters. These units are modified with pseudoleucite megaporphyry (i2) due to the presence of pseudoleucite megaporphyry

clasts. An undifferentiated/tuff/mixed V3 makes another appearance with intervals of the lavender syenite porphyry/Butte porphyry (i12/BP). A strongly altered V2 returns, observed to be cut by a mafic dyke set (<2m), a medium grained syenite porphyry (i11), an early dark orthoclase syenite (i4a), and a medium grained syenite (i8) continuously until the end of hole.

Copper values are relatively low throughout the initial 124 meters until the breccias, while pyrite values are seen to range from 0.1-1.5% disseminated throughout. Copper values vary throughout the brecciated V3 and V2b's from 0-0.8%, generally remaining below grade. Pyrite on the other hand continues to maintain values between 1-2%. Elevated copper values are noted immediately following a fault zone from 303-307 meters within the highly altered V2. Disseminated chalcopyrite is not common in this hole with an abundance of "dead zones", whereas disseminated pyrite dominates between 1-2%. Where chalcopyrite numbers are observed to peak grade, they appear to be vein controlled and are associated with elevated levels of patchy/blebby garnet and hematite.

7.3.21 DDH GC12-0862

GC12-0862 was drilled as part of GCMC's exploration drill program to test for mineralization within AES pit in East Fault Footwall and a possible Bountiful extension in an area with a lack of drilling. The hole was drilled to a final depth of 504.00 m.

Overburden comprised the initial 21.5 m drilled followed by a dark grey and green orthoclase bearing volcanic (V3) down to 98.5 m. Between 48 and 56 m an intermediate dyke (D3) and syenite megaporphyry (i9) intrude the V3. A dark grey to pink Hydrothermal Breccia lies from 98.5 - 100.7 m and is possibly related to a series of D3 and i9 intrusions between 107- 128 m. Below these intrusions is a small section of V3 followed by another D3 intrusion (179.6- 181.3 m). An orthoclase bearing volcanic with occasional lithic fragments (V3h) lies below from 181.3- 266.4 m. From 226.4- 290.15 m is an alternating sequence of intermediate dykes (D3) and syenite porphyry intrusions (i10a and i9). From 318.3- 426.5 m is a light grey pink pseudoleucite bearing volcanic cut by a thin mafic intrusion at 323.1 m. Between 426.5 and 472.5 m, lies a dark green grey orthoclase Syenite (i4a) with trace occurrence of subhedral to euhedral pseudoleucites. It is possible that this unit is the V2b as up to 50 % of the groundmass is aphanitic and exhibits a mottled volcanic texture. This unit coincides with a large shear

zone >1 m in diameter. Between 454.3 and 465 m, a green to light pink medium grained porphyry with elongated Or phenocrysts (i11) has intruded along what was likely the original plane of weakness that the i4a intruded. The sheared texture of the i11 suggests a major shear zone exists between 454.3 and 465 m. Below these intrusions to EOH at 504 m is a light grey orthoclase bearing volcanic assigned the label V6 due to texturally destructive orthoclase (or) flooding. It is possible that this section of V6 is an altered equivalent of the V2.

Mineralization in the V3 from 5- 162 m consists of disseminated chalcopyrite typically 0.2 % (Up to 1% 53- 69 m) and pyrite up to 1.5 %. Increased mineralization was associated with the hydrothermal breccias (98.5 - 100.7 m and 134.45- 141.2 m) with up to 1.2 % chalcopyrite and 1.5 % pyrite occurs mainly disseminated through matrix and clasts. The V3h between 181.3- 266.4 m is mineralized with up to 0.6 % chalcopyrite and 1.8 % pyrite. The V2 below the thin dyke at 330.8 m, is mineralized with 0.1- 1 % Cp, 0.1- 0.5 % Py and 0.1- 3 % Hem. In general all intrusions and dykes within this hole are mineralized with < 0.2 % Py, trace Hem and trace Cp, however, sheared zones in the i4a between 426.5 and 454.2m are well mineralized with up to 2% Cp and Py.

7.3.22 DDH GC12-0863

GC12-0863 was drilled as part of GCMC's exploration drill program to test for upgrading and possible extensions of mineralization within the bountiful area of the central pit. The hole went to a final depth of 680.00 m.

The majority of the first 380m is Orthoclase Bearing Volcanic (V3). At 116m to 121m the V3 unit is intruded by a Dark Orthoclase Syenite (i4). The rest of the V3 unit (121m to 380m) is cut across at four different intervals by Mafic Dikes (D2). The majority of the rest of the hole (380m to 680m) is Pseudoleucite Bearing Volcanic (V2). Intense alteration occurred from 468m to 473m, within the V2 unit, the original texture is difficult to determine, and therefore this portion is an Undifferentiated Mafic Volcanic (V4). The entire V2 unit is intruded by i4 units at 5 different intervals.

There is a high percent of mineralized pyrite, occurring as disseminated, veined and fracture in-filled, throughout the entire hole. Mineralized chalcopyrite does not begin to occur until 324m depth, which then occurs as disseminated, veined and fracture filled

for the remainder of the hole. Trace bornite occurs in V3 unit, V2 unit and i4 unit at 115.2m, 117.3m, 126.5m, 134m, 398m, 462m, 509m, 584m, 590m and 612m. Trace Fluorite is found within the V3 unit at 136.5m, 196.5m, 211.5m, 330m and within the V2 it is found at 584m. Galena is found within the V2 from 402m to 503m. Fault zone at 235m, 239.85m, 241.1m, 241.75m, 242.10m and 247.85m.

7.3.23 DDH GC12-0865

GC12-0865 was drilled in as part of a fence along northing 6334375N to test the possible northern and deep extension of the bountiful zone mineralization, and to test for near surface low grade within the designed AES pit. The hole was planned to drill to 600m depth, but due to instability in the drill pad, the hole had to be cut short at 110m (EOH).

The hole collared in Orthoclase syenite megaporphyry (i9b) to 56m depth, and the same unit was seen throughout the hole at 77.9-100.2m. A large fault zone with minor gouge occurred from 56m-65m, and is thought to be the i9b unit; though it is so finely ground it is hard to discern any textures. A medium grained syenite intrusion (i8) also occurred from 65-77.9m and from 100.2 – 110.0 m (EOH).

Alteration throughout the hole is mostly moderate kspar alt in both units, with weak bio, chl, epi, and local patchy gar in the intrusives. Cp mineralization was 0-trace, and pyrite was 0-1.5% disseminated. Limonite was observed at the top of hole, and hematite was trace, but locally abundant in the fault zone.

The only significant structure encountered in the hole was a fault zone from 56-65 metres, where there was a lot of core loss. Rock was very fractured/broken, and gouge was minor to moderate and local. Shearing also occurred with hem veining. The broken/stick rock boundary was not reached.

7.3.24 DDH GC12-0866

GC12-0866 was drilled as part of GCMC's condemnation/exploration drill program between the Junction pit and Central pit highwall to test for possible mineralization, based on chalcopyrite mineralization mapped in a magnetite cemented breccia. It went to a final depth of 240.20 m.

The majority of the entire hole is Hydrothermal Breccia (B2). The B2 has a magnetite/diopside cement supporting poly lithic clasts of mostly Intrusive Medium

Grained Orthoclase Syenite Porphyry (i9) with some Intrusive Plagioclase Syenite porphyry (i10), Undifferentiated Mafic Volcanic (V4) and possible other lithologies that are too difficult to interpret due to heavy alteration and weathering. The B2 units are cross cut by late post mineral dikes; Mafic Dike (D2), Intermediate Dike (D3) and Felsic Dike (D4).

There is no significant copper mineralization in the hole however there are high levels of specularite mineralization at 106m. Throughout the entire hole there is a high level of potassium feldspar alteration that floods in and out of the brecciation. Graphite was observed in the breccia at 220m. Structures such as veining were difficult to interpret due to the brecciation.

7.3.25 DDH GC12-0867

GC12-0867 was drilled as part of GCMC's exploration drill program to upgrade inferred ore and test for eastern extension of CP domain and eastern limit of Bountiful. The hole completed at a final depth of 653.00 m.

The hole begins in Orthoclase Bearing Volcanic (V3) that is intruded by one minor dyke before being cut by a significant fault zone around 100m. After the fault, the hole continues in V3 which is occasionally cut by minor, <5m, intrusions of Dark Orthoclase Syenite (i4) and Intermediate Dyke (D3). At 205m the hole moves into Pseudoleucite Bearing Volcanics (V2) which is cut by more significant intrusions, up to 10m, of Medium Grained Syenite (i8) and Plagioclase Syenite Porphyry (i10). The hole passes back into V3 at 395m and for the remainder of the hole this unit is heavily brecciated by hydrothermal fluids, creating Hydrothermal Breccias (B2), and is often cut by dykes of varying composition, Mafic, Intermediate and Felsic Dykes - D2, D3 and D4. The hole terminates at 653m after passing back into V2.

This hole contains generally low levels of disseminated pyrite for the initial 205m, as it passes through the V3 and its intrusions, but this increases to 2.5% locally and occasionally has associated, trace chalcopyrite. As the hole passes into the V2, at 205m, mineralisation increases somewhat, but with the same, disseminated, style. Pyrite increases up to 4% locally and is occasionally associated with disseminated chalcopyrite, up to .5%. This continues until the hole encounters B2, in which chalcopyrite increases initially as it can be vein associated as well as disseminated, up to .3%. In the

subsequent volcanics, mineralisation becomes blebby as well as disseminated therefore allowing mineralisation to increase again, up to 1% chalcopyrite and 4% pyrite. This blebby and disseminated style continues through volcanics and breccias maintaining weak -moderate mineralisation, up to 1.8% and 2.8% respectively. Intrusions contain much weaker mineralisation, often only trace.

7.3.26 DDH GC12-0868

GC12-0868 was the re-drill from GC12-0868a that was abandoned at 120m, due to difficult drilling. This hole is a re-drill approximately 6 inches from the previous. It was drilled in order to see if there was any potential to upgrade indicated waste to ore in the AES pit below the i9 dykes. It completed at 518.00 m final depth.

The first 324m of the hole seem to be dominated by orthoclase bearing volcanic (V3) and porphyritic orthoclase bearing volcanic (V3h). Within these units there are inter-fingering mafic dikes (D2) as well as orthoclase syenite mega porphyries (i9b). From 167 to 324m there seems to be some intrusive that are hard to distinguish such as the dark orthoclase syenite (i4b) and the hydrothermal breccia that both have characteristics of the V3h. From 324 to 435.8m V2 constitutes the majority of the lithologies with inter-fingering i9a, D2 and intermediate dikes (d3). The rest of the hole until 518 comprise of D3, D2, i4 and i9a with felsic volcanic that are presumably pseudoleucite bearing volcanics.

The main mineralized zone in this hole was at the beginning from 30 to 82.8m with cp ranging from 0.2-6.5%. Bornite was observed between 0.1 and 0.2% and py was observed between 0.1 and 0.8%.

A fault zone occurred between 36 and 52m.

7.3.27 DDH GC12-0869

GC12-0869 was part of the exploration drill program to test for northern and deep extension of the Bountiful mineralization as well as for near surface low grade within the AES pits. The hole went to a final depth of 629.00 m.

The first 56m of the hole are made up of a syenite megaporphyry (i9b) up to 11m and then an dark syenite porphyry (i4) up to 56m with inter-fingering intermediate (D3) and mafic dikes (D2). From 56 to 150m the rock switches twice from a crystal lithic

orthoclase bearing volcanic (V3h) to a pseudoleucite bearing volcanic (V2). The rock eventually turns into an orthomagmatic breccia (B2b) with i9 intrusive dikes until 323m. From 323 to 510m a dark orthoclase porphyry (i4) is observed but with a V2 modifier. The i4's orthoclase phenocrysts are sometimes very rare and the groundmass gives the appearance of a V2 as well as the presence of pseudoleucites. V2 interfingers this i4 intrusive. An undifferentiated breccias (B) is observed from 510 to 530m where it contacts a fault zone from 530 to 538m. Heavily orthoclase flooded and hematite stained V2 consists of the rest of the hole with plagioclase syenite porphyry intruding from 605 to 612m and another fault zone from 612 to 614m.

The main mineralization was observed within the i4/V2 rock unit usually associated with biotite alteration and when found in the V2 unit, usually associated with garnet alteration. The main areas of mineralization were from 183 to 261m with disseminated cp ranging from 0.3-3.5% and py from 0.5-3.5% and from 411 to 488m with disseminated and veined cp ranging from 0.3-5% and disseminated py from 0.3-8%.

7.3.28 DDH GC12-0871

GC12-0871 was drilled in order to test for northern and deep extensions of Bountiful mineralization as well as test for near surface low grade within AES pits. The hole ended at a depth of 545.00 m.

Orthoclase bearing volcanic constitutes the first 113m of the hole with interfingering orthoclase syenite megaporphyry (i9b). From 113m to 245m a coarse lapilli tuff orthoclase bearing volcanic (V3e) makes up the rock with interfingering mafic dikes (D2). A porphyritic orthoclase bearing volcanic (V3b) along with interfingering dark orthoclase syenite (i4b) and mafic dikes make up the rock up until 405.56m. We start to see very large orthoclase phenocrysts similar to that of an i9 within a groundmass that have characteristics similar to a V3 between 405 to 415m and 449 to 496m. Syenite porphyries are observed between 434 to 449m and 517 to 519m that are less altered showing that they are very late dikes. The end of the hole from 496 to 545m is made up of heavily orthoclase flooded lavender porphyries (i12) and i4's that are heavily sheared.

The main mineralized zones are between 116 and 261m with disseminated cp ranging from 0.3-4% and disseminated Py ranging from 1-12%. Between 369 and 405m disseminated Cp ranges from 0.3-3% with disseminated Py ranging from 0.5-12%.

7.3.29 DDH GC12-0872

GC12-0872 was drilled to test for mineralization within the AES pit in the East Fault footwall due to lack of drilling in area with possible extension of the Bountiful zone. The hole was drilled to a final depth of 486.00 metres.

The top of the hole was 32 metres of overburden, followed by a repeating orthoclase-bearing volcanic (V3) and late medium grained orthoclase syenite megaporphyry (i9b). A 10 meter section of the lavender syenite porphyry/Butte porphyry (i12/BP) was observed which then transitions the sequence into a pseudoleucite-bearing volcanic (V2). This V2 is sequentially cut by thin (<5m) intervals of the i9b and dark orthoclase syenite (i4). From 316 to 354 meters the V2 is modified with i4 due to the observation of orthoclase phenocrysts of similar composition, volume, and distribution as those in an intrusive within the volcanic complex. Following 354 metres the homogenous V2 resumes once again cut by thin fingerings of the i9 and i4. Five thin mafic dykes (<3m) cross cut the V2 at 329 meters depth and continue to do so until EOH.

Copper values are relatively low in the initial 183 metres, with pyrite dominating the V3, i9b, and i12/BP units at 0.4-2.5%, 0.1-0.4%, and 0.6-1.0% respectively. Chalcopyrite makes an appearance at 183-189 meters at 0.3-0.5%. It is observed however, that chalcopyrite numbers appear following a fault zone at 228-231 meters. Between 231 and 255 metres within the V2 unit, chalcopyrite values are above grade and range from 0.8-2.0%. Mineralized zone continues through unit ranging from 0-0.6% but decreases until a final depth of 333 meters; all within the V2 and V2(i4) units. Following this zone, copper mineralization does not reappear until the i4 intrusive at 430.4 meters depth where it varies from 0.2-0.6% within this unit and continuously into the following V2 until 456 meters. Throughout this entire hole, pyrite mineralization is consistently between 0.2% and up to 2% in places.

Three competent, sheared fault zones were noted at 228-231m, 327.85-329.85m, and 330.45-331.45m.

7.3.30 DDH GC12-0873

GC12-0873 was drilled following the results from GC12-0856 and GC12-0865, all of which tested for northern and deep extension of Bountiful mineralisation as well as for near surface low grade within AES pit. The drillhole completed at 710.00 metres.

The hole encounters a heavily altered, Orthoclase Bearing Volcanic (V3) host rock for approximately the first 300m but this unit is almost entirely intruded by dark Orthoclase Syenite (i4), fine grained Orthoclase Syenite Megaporphyry (i5), medium grained Orthoclase Syenite Megaporphyry (i9) and intermediate dykes (D3). The syenite intrusions are generally around 10m wide but can be up to 55m whereas the dyke intrusions are narrower, less than 5m. The i5 and i9 units are quite similar and seem to progress from one into the other. Deep to 300m the hole passes into a Pseudoleucite Bearing Volcanic (V2). This is again strongly intruded by i9 and D3 units, both up to 25m wide, as well as a 35m Lavender Syenite/Butte Porphyry which cuts through near the base of the hole. The hole terminates in a coarser, porphyritic V2 at 710m.

The V3 unit, shallower in the hole, is quite strongly mineralized with blebby chalcopyrite and pyrite occurring up to 3% and .8% respectively, as well as up to .2% bornite. The deeper V2 unit is initially weakly mineralized but this changes as the hole passes 400m where up to 3.2% chalcopyrite and 2.5% pyrite is observed as well as up to 0.3% bornite. The associated intrusions are very weakly mineralized throughout, with only trace chalcopyrite observed. This is with the exception of the i12 intrusion which contains up to 0.6% chalcopyrite and 0.2% pyrite. A significant shear zone occurs at 597m depth with increased alteration local to it.

7.3.31 DDH GC12-0874

GC12-0874 was drilled in order to test for northern and deep extensions of the Bountiful mineralization zone. It is also testing for near surface low grade within the AES pits. It was drilled to a final depth of 593.00 m.

The first 358m of the hole consisted of orthoclase bearing volcanic (V3) with interfingering dark orthoclase syenite (i4) with a small hydrothermal breccia from 218 to 238m. Following this, the i4 drop out and mafic dikes interfinger with the V3 unit until 381 where a 2 meter fault zone appears which coincides with the east fault. From then on the main country rock is composed of pseudoleucite bearing volcanic (V2). From 430 to 503m mafic dikes (D2) and orthoclase syenite mega porphyries (i9a) cross cut the V2 unit. From 503 to 593m, the end of the whole, medium grained, dark orthoclase syenites (i4) interfinger the V2 unit with what seem to be medium grained syenites that

have a similar groundmass but no large orthoclase phenocrysts like the i4. Another fault zone occurs from 526.64 to 537.8m in which the rock is heavily sheared.

Mineralization in this hole is sporadic and usually consists of disseminated py. From 164 to 212m, disseminated cp can be seen ranging from 0.5-1.5% with 3-7% disseminated py and localized bornite between 196 and 203m ranging from 0.1-0.5%. From 454 to 478m disseminated cp can be seen from 0.3-2% with disseminated py from 0.8-3%. From 534.66 to 587m vein-controlled cp, usually associated with magnetite veining and garnet alteration, is seen ranging from 0.3-1% with the average hovering around 0.5-0.6%. Disseminated and patchy py, sometimes associated with the magnetite veining, is seen from 0.3-2%.

7.3.32 DDH GC12-0875

GC12-0875 was drilled as a condemnation hole on the western high wall of AES pit. It went to a terminal depth of 315.00 m.

From 6m to 30m, the hole is a V5 (Undifferentiated Intermediate Volcanic) that has a D2 (Mafic Dike) cross cutting the V5 unit from 24.1m – 24.4m. From 30m to 39.3m there is an i7 (Fine Grained Syenite Porphyry). From 39.3m to 40.5m there is another D2 separating the upper i7 with the lower i9 unit (Intrusive Medium Grained Orthoclase Syenite). The i9 unit goes from 40.5m to 57.5m which has another D2 cross cutting the i9 unit from 45.2m to 49.5m. Below the i9 unit is another i7 unit that goes from 57.5m-65m. The rest of the hole (65m to 315m) is a B2 (Hydrothermal Breccia). From 65m to 120m the hole is a B2 with an i8 (Intrusive Medium Grained Syenite) modifier. From 120m to 260m the hole is a B2 with an (i7/i9) modifier, which is cross cut by D4 (Felsic Dike) at 208m to 216m and also at 224.8m to 227m. This B2 (i7/i9) unit is also intruded by an i8 unit at 242m to 246m. From 260m to 315m (EOH), the hole is a B2 (i7/i8/i9) unit.

Trace disseminated pyrite (0.1% - 0.5%) begins to occur at 52.5m and continues throughout the hole. Trace blebby chalcopyrite (0.1% - 0.5%) begins to occur at 145m and continues to occur locally on fracture surfaces throughout the rest of the hole, the highest % of chalcopyrite is found at 217.8m to 220.2m. Trace blebby bornite (0.1%) occurs at; (185m – 205m), (232m – 234.5m), (246m – 248.5m), (256m – 262m) and (294m – 296.5m). Specular Hematite (0.1% - 1.0%) begins to occur at 22.6m and

continues throughout the hole. The top of the hole is strongly limonite stained. Trace Malachite (0.1% - 0.5%) occurs on fractured surfaces from 60m to 107.5m. Coarse biotite occurs in the polyolithic brecciation. After 165m there is periodic strong potassic alteration.

7.3.33 DDH GC12-0876

GC12-0876 was drilled to test for mineralization and a possible bountiful extension within the AES pit. The east footwall of the east fault was targeted and the hole was drilled to a final depth of 154 m. This is short of the planned 500 m due to drilling difficulties. The hole was re-drilled and named as GC12- 0880 with details provided in a following summary.

Overburden comprised the initial 28 m of the hole, followed by a moderately Or and weak Chl, Bio and Gar altered orthoclase bearing volcanic (V3) to 67 m. This unit is highly fractured and difficult to differentiate structures. Between 45 and 51m a dark orthoclase syenite intrudes. Between 67 and 154m is a dark to light grey intensely Or-altered undifferentiated intermediate volcanic comprised of aphanitic Or, Bio and Chl. It is most likely that this is the V3. A dark green mafic dyke intrudes the V5 from 136 to 139m. The dyke is very soft, weathered and broken. At 138 m, a 5 cm gougy fault appears to be present, however due to the broken nature of the rock it is difficult to differentiate between gouge and weathering.

The V3 is mineralized with 0.2- 0.3 % Cp and 0.7- 1.0 % finely disseminated Py. The i4 is mineralized with 2.0% Py. The V5 units are mineralized with small grains of disseminated Py 1- 3.5 % and trace Lim and Spec Hem.

7.3.34 DDH GC12-0877

GC12-0877 was drilled as a later addition to GCMC's exploration drill program to test for extension of a recently discovered Cp domain (Legacy) within the AES pit. The hole was drilled to a final depth of 602.00 m.

The major rock type encountered has been the V2, typically moderate to strongly altered by Or, Bio, Chl and Gar and frequently cross-cut by i9, i8, D2 and V4 intrusions. Overburden comprised the initial 37 m drilled followed by a strongly Or altered light grey pseudoleucite bearing crystal lithic volcanic (V2h) to 139.2 m. Within this V2 unit lie small shear zones and faults. A red to dark green syenite megaporphyry (i9, 127- 141m)

and equigranular syenite (i8, 137- 139.2 m) intrude a contact with another V2 unit below. From 141.1- 281 m lies a V2 unit that is slightly more altered and lacking lithic fragments. This V2 unit is cut multiple times by i8 and D2 dykes typically < 5 m in diameter. From 281-287.8 m an i8 intrusion separates another V2 crystal lithic tuff (V2h, 287.8- 317 m) with a distinct patchy green, white and brown color. The base of this V2 unit has been intruded by a mineralized i4 dyke that has been strongly Or altered (331.2- 339 m). From 331.2- 347 m is a dark green to brown monolithic hydrothermal breccia (B2). Between 357- 441 m is a series of well mineralized V2 units with varying textures including crystal lithic and flow banded. These texturally unique units are separated by small i8 and i4 intrusions. A distinct veined contact exists at 44.17 m and marks an important mineralization boundary. Between 441.17 m to EOH at 602 m is a series of undifferentiated volcanic s (V5/V4) cut by two 5-10 m i9 intrusions.

This is a well mineralized hole with distinct differences in Cp mineralization amongst the differing V2 units. Typically all V2 units excluding the B2 are well mineralized until 441.17 m. The V2h and V2 from 37- 212.75 m are mineralized with disseminated 0.1- 2.5 % Cp, 0.1- 0.2 % Bn, 0.1-0.6 % Py and 0.1- 2 % Hem. The V2 from 212.75- 237.8 m is exceptionally well mineralized with disseminated 1.5- 5 % cp and 0.5- 0.2 % py. Both the V2 and V2h from 249.6 to 331m are well mineralized with disseminated 0.1- 2 % cp and 0.1-3 % py. The B2 from 331.2- 347m is weakly mineralized with 0.1- 0.2 % cp, 0.1 % bn in one sample and 0.1- 0.2 % py and hem. The series of V2 units from 347- 441.17 m is exceptionally well mineralized with 0.5- 4.5 % Cp, 0.1- 0.2 % bn, 0.1- 1 % py and 0.1- 0.5 % hem. Below the veined contact at 441.17 m to EOH at 602 m cp mineralization drops to < 0.2 % however py remains high at 0.1- 1.5 %.

7.3.35 DDH GC12-0878

GC12-0878 was drilled to test for northern and deep extension of Bountiful mineralization, and also to test for near surface low grade material within the AES pit. The hole was drilled to a final depth of 491.00 m.

The first half of the hole is comprised of orthoclase bearing volcanic (V3h) - crystal lithic tuff, with rare aphanitic clasts from 5.98-26.15m, followed by a series of intrusions - Orthoclase syenite Megaporphyry (i9b) at 26.15-56.00m, 56.50-64.70m, and 104.00-126.86m, and mafic dykes (D2) from 56-56.5m, and 184.9-193.0m. At 64.70-104.0m, and 126.86-158.00m is a clast-supported, monolithic, hydrothermal breccia (B2a) with

V3 clasts. From 193-296.15m is a polymictic hydrothermal breccia (B2b) with V3 and i4 clasts cut by a ~15m intermediate dyke from 247.52-263.00m. The second half of the hole (from 296.15-414.80m) is comprised of alternating intrusions of i9b (as seen above), a medium-grained syenite (i8), and a dark syenite porphyry (i4a).

7.3.36 DDH GC12-0879

GC12-0879 was drilled as a condemnation hole on western high wall of AES pit. It went to a final depth of 214.00 m.

From 0m to 15m the hole is overburden. From 15m to 37.5m the hole is V1 (Augite Bearing Volcanic) that is intruded twice by i9 (Intrusive Medium Grained Orthoclase Syenite). The majority of this hole is i9. From 51m to 82m the hole is V3 (Orthoclase Bearing Volcanic). That is intruded by a D3 (Intermediate Dike). The rest of the hole is i9 which is intruded several times by D2 (Mafic Dikes). At the end of the hole (136.5m – 214m) within the i9 there is heavy staining of dark alteration from chlorite, magnetite and biotite giving the rock a pseudo brecciation.

At the top of the hole there is trace bornite occurring. Within the i9(B), at 160.05m, there is a 10 cm size bleb of bornite (0.4%) and at 170m there is a 5 cm bleb of bornite (0.2%), at 178m there is heavy veined mineralization of chalcopyrite (1.0%).

7.3.37 DDH GC12-0880

GC12-0880 was drilled to test for mineralization within the AES pit in the East Fault footwall due to lack of drilling in area with possible extension of the Bountiful zone. It was drilled to a final depth of 499.00 metres.

45 meters of overburden was drilled followed by an intermediate undifferentiated volcanic (V5) cut by a 15 meter intermediate dyke (D3), and a medium grained orthoclase syenite megaporphyry (i9) from 174-199m. The volcanic sequence transitions into an orthoclase bearing volcanic followed by the pseudoleucite bearing volcanic at 165.5m and 214.2m respectively. The V2 is the dominant host until the end of hole. It is however, cut by less than 5m intervals of the dark orthoclase syenite (i4) unit. Four mafic dykes less than 10 meters cross cut the unit beginning at 325 meters depth and continue to do so until the EOH. A section of the lavender syenite porphyry/Butte porphyry (i12/BP) intrudes the V2 from approximately 418-428 metres.

The initial V5 does not host any copper, although pyrite values are seen upwards of 0.6-5.0% consistently throughout. The intermediate dyke was observed to have trace 0.1% chalcopryite and bornite values with hematite up to 3.0%. The following V3 unit is barren with a small zone over 211-220 meters where the V3 transitions into the V2 and chalcopryite values are from 0.2-0.4%. Pyrite within the upper V3 unit observed at 0.1-1.5%. The late i9 intrusive which cuts this section is barren of copper, with pyrite values from 0.1-1.0%. The V2 hits copper following a FZN at 232-234.15m with values seen from 0.2-1.5% over an interval of ~234-313m with pyrite values from 0.7-1.8%. Copper values peter out with depth with some samples within the V2 hosting 0.1-0.6%. The i4 is seen to host 0.3-0.6% copper from 386.4-394m depth. The late mafic dykes host trace pyrite at <0-1% with no significant copper values.

One competent highly sheared fault zone was observed from 232-234.14 metres depth, with copper mineralization increasing significantly following this structure.

7.3.38 DDH GC12-0881

GC12-0881 was a condemnation exploration hole that was testing grade between Junction and the central north pit. The hole terminated at 223.00 m.

The hole is situated mostly within a hydrothermal breccia (B2) with the first 92.5m of the hole looking more like orthoclase syenite megaporphyry (i9b) but with slight signs of brecciation. This breccia continues till the end of the hole at 223m but a switch from homogenous clasts of i9 to heterogeneous clasts of i11, i8 and i9 occurs at the presence of a medium grained syenite porphyry (i11) from 168.32 to 173.4m. The hole is interfingering by one mafic dike from 8.8 to 11.3 and two felsic dikes from 104.5-109.4m and 210.15 to 221.36m.

Very little mineralization was found in this hole. Trace amounts of localized, blebby Cp and Py are found between 162 to 173m and 206 to 219m. Between 215 and 219m the Cp and Py are found within a D4 dike. Up to 0.9% spec hem is found within 1-1.5mm veins. Limonite covers almost all fracture surfaces within the entire hole up to 8 percent. Fracture covering azurite and malachite range from 0 to 1.5% between 2.8 to 70m and from 0 to 0.5% between 137.5 to 196m.

7.3.39 DDH GC12-0882

GC12-0882 was drilled to test for eastern and deep extension of the chalcopyrite domain within the AES Central pit, and to test for the southern extension of mineralization in the Legacy zone. The final hole depth was 427.00 m.

The hole hit bedrock at 36.75m, and from 36.75-43.00m is composed of an Orthoclase-bearing Volcanic (V3). From 43.00m to the end of hole (427.00m) is a large section of Pseudoleucite-bearing Volcanics (V2) with ~15% pseudoleucite phenocrysts. The V2 is cut intermittently by intrusives: a mafic dyke (D2) at 280.52-286.41m, a medium-grained syenite (i8) at 306.5-316.16m, and an unidentified intrusive (most closely resembling an i4 texture) from 356.02-368.15m.

Alteration in the hole is mainly within the V2 unit (as the intrusives are late stage). The V2 package varies widely in terms of alteration but pseudoleucites are usually always visible. Some sections are strongly orthoclase flooded, and locally hem dusted. Trace to weak anh in veins throughout unit, and anh also occurs in sections of strong potassic alteration overprinting the pseudoleucites (+/- ser). 5-10%, 1mm, brown to black bio grains in groundmass (bio altering to chl), but in zones of strong k-felspar alteration, biotite is weak (~1%). Biotite alteration increases intermittently up to 20% (in sections up to 10m), making rock a dark blackish colour. Weak, localized, gar alteration is disseminated in 1-2mm patches intermittently. Chalcopyrite mineralization in the hole is trace to weak (<0.3%) and structurally controlled till ~174m, where the mineralization then picks up to ore grade (0.5-3.5%), and is disseminated and structurally controlled till ~276m depth. From 276-339m cp mineralization is again fairly weak (0.1-0.6%), but then picks up again from 339-396m (0.6-2.5%). From 396 to the end of hole (427m) the chalcopyrite dies out (<0.3%). Pyrite mineralization is fairly consistent throughout the hole (0.3-3%). No bornite was seen in this drillhole. The intrusive units are weakly mineralized with cp, but contain py. Sections of the V2 unit contain moderate amounts of magnetite. Major structures encountered were two possible fault zones from ~50-54m, and 81-91m. Though no intense gouge was observed, there was very significant core loss (poor core recovery), and the rock was very broken.

7.3.40 DDH GC12-0883

GC12-0883 was drilled as part of GCMC's exploration drill program to test for potential to convert waste to ore within AES, possible test for mineralization at depth within the Central Zone Replacement Zone. It went to a final depth of 661.00 m.

From 0m to 15.8m it is overburden. From 15.8m to 21m it is Undifferentiated Mafic Volcanic (V4). From 21m to 27.18m it is Undifferentiated Felsic Volcanic (V6). From 27.18m to 32.25m it is V4 again. From 32.25m to 132.9 m it is Orthoclase bearing Volcanic (V3). From 132.9m to 475.85m there is Undifferentiated Intermediate Volcanic (V5) with fingering of Intrusive Medium Grained Orthoclase Syenite Megaporphyry (i9). The majority of the rest of the hole is Pseudoleucite Bearing Volcanic (V2), however there is several intrusions cutting into the V2 at various depths, such as; at 480m-489.25m there is an Intrusive Plagioclase Syenite Porphyry, at 515.62m to 558.38 there is an Intrusive Dark Orthoclase Syenite (i4), at 558.38m to 561.03 there is a Mafic Dike (D2), at 621.8m to 630.8m there is another (i10) intrusion and at 630.8m to 632.6m there is another (i9) intrusion.

Mineralization within the V4 unit is pyrite (0.1%-0.8%), bornite (0-0.1%), limonite (2%-3%), specular and malachite (0.5%-2.0). Mineralization within the V6 unit is Pyrite (0.2%-0.4%), bornite (0%-0.1%). Within the V3 unit chalcopyrite (0%- 4.0%), pyrite (0.3%-2.5%), bornite (0%-0.2%), there is no more bornite, limonite or malachite that appears in the hole. Within the i9 unit there is chalcopyrite (0%-0.2%), pyrite (0%-5.0%). The V5 unit has the highest percent of chalcopyrite (0.0%-7.0%) and pyrite (0.1%-8.0%) and trace galena (0.1%).The i10 unit has chalcopyrite (0.1%-0.6%), pyrite (0.1%-0.2). The V2 unit has chalcopyrite (0%-0.8%), pyrite (0.1%-1.5%), molybdenite (0.2%), galena (0.2%).The i4 unit has chalcopyrite (0%-0.7%), and pyrite (0.1%-0.7%). The D2 unit has pyrite (0.4%). The hole ends in a V2 unit that has chalcopyrite (0%-0.4%, pyrite (0.1%-1.0%), molybdenite (0.1%), and heavy hematite staining.

There are structure faults occurring at 21.6m, 29.25m, 33.05m, 36.4m, 82.08m, 615.15m and 644.5m. There are structure shears occurring at 431.2m and 457.4m. There are two mafic dikes (D2) occurring at (558.38m-561.03m) and (563.8m – 566m). There are two smaller dikes occurring at 431.2m and 660.25m.

7.3.41 DDH GC12-0884

GC12-0884 was drilled as a later addition to GCMC's exploration drill program to test for extension of a recently discovered Cp domain (Legacy) within the AES pit. The hole was drilled to a final depth of 602.00 m.

The major rock type encountered was the V2, typically moderate to strongly altered by Or, Bio, Chl and Gar and frequently cross cut by i4, i8, i9 and D2 and intrusions. Overburden comprised the initial 35 m drilled followed by a dark to light grey intensely Or altered pseudoleucite bearing crystal lithic volcanic (V2) to 169.7 m. This V2 unit has been intruded by a dark orthoclase syenite (i4b, 120.5- 130.7m) and is also intersected by a major hematite rich heavily sheared fault zone between 159.9 and 161.75m. An i4a intrusion lies between 169.7- 177.6 m followed by a series of well mineralized V2 units with varying textures including volcanic breccias and flow banding (177.6- 331.1 m). Typically the flow banded units exhibit the best mineralization. These texturally distinguishable units are separated by i4a dykes typically < 10 m in diameter. Between 331.1 and 467 m is an i4a intrusion which is cut multiple times by mafic dykes (D2). From 467 to 573.2m is a dark green, black and grey undifferentiated orthoclase-bearing volcanic (V5) that is well mineralized. From 573.2 to EOH at 602m is a series of i8, i4a and D2 intrusions.

Overall this is a well-mineralized hole with both the V2 and V5 volcanics below the fault zone being exceptionally well mineralized. Many of the upper i4 a intrusions are mineralized with trace to >0.6 % Cp associated with veining, strong Or alteration, contacts with volcanics and intermittent brecciation. The V2c between 177.6 and 257.2 m is well mineralized with 0.3- 2.5 % Cp, 0.1- 0.6 % Py and 0.1- 1% hem. The V2a unit between 262.1 and 331.1m is exceptionally mineralized with 0.6- 5% Cp, 0.2- 2 % Py and trace Hem. The V5 units between 467 and 573.2m are exceptionally well mineralized with disseminated 0.1- 6.5 % Cp, 0.1- 1 % Py and 0.1- 2 % hem. The intrusive units between 573.2 and EOH at 602 m are weakly mineralized with < 0.6 % Cp.

7.3.42 DDH GC12-0885

GC12-0885 was a condemnation/exploration hole that was testing grade between Junction and the central north pit. The hole terminated at 199.00 m.

The first 7 metres of the hole consists of overburden which is followed by 113m of hydrothermal breccias (B2b) consisting of orthoclase syenite megaporphyry (i9), medium grained syenite (i8), and medium grained syenite porphyry (i11) clasts. These breccias are highly epidote and chlorite altered with intense hematite and limonite staining. The original texture was hard to see within some of the unit. The Breccia is broken by moderately chlorite-altered, mafic dikes all the way through the unit. At 113

the hole switches from the breccias to moderately chlorite and epidote altered i9's interfingering by mafic dikes. The i9's had moderate hematite staining. A fault zone occurs between 182.4 and 191.75 in which the rock is intensely orthoclase flooded and limonite stained.

No significant mineralization was found in the hole other than trace values of localized Cp and Py between 127 and 132m.

7.3.43 DDH GC12-0886

GC12-0886 was drilled to test for eastern extension of the chalcopyrite domain within the AES pits with the potential to convert low grade ore to waste ore. It was drilled to a final depth of 595.00 metres.

Overburden was drilled for 42.5 meters followed by orthoclase-bearing volcanic (V3) until 185.5 meters depth. The V3 unit is intruded (in order) by ~10 meters of dark orthoclase intrusive (i4), ~1m of the medium grained syenite (i8), and ~2m of the pseudoleucite porphyry, and another ~4m of the i4. The pseudoleucite-bearing volcanic makes a gradual appearance at 185.5 meters and continues till the end of hole. The V2 is cut by a mafic dyke from 211-221.7 meters, two intervals of the i8 intrusion from 280-285m and 505-513m, as well as the lavender syenite porphyry/Butte porphyry (i12/BP) from 352-355 meters depth.

Chalcopyrite mineralization is hosted in the footwall following the fault zone from 200.5-211 meters depth. Beforehand, only trace chalcopyrite was observed in the V3 and V2 units. Following the fault zone, chalcopyrite values range from 0.1-2.7% in the first zone of V2 from 221-280.36 meters. Grade continues to increase until a high zone from 307 to 527 meters where unit is above grade and ranges from 0.6-4.5%. Throughout this interval, values are consistently above grade. Following 527m chalcopyrite values are observed to decrease but still range from 0.1-0.7% until it completely grades out following 580 meters. Pyrite mineralization was consistently over 1% upwards of 4% throughout the entire hole in coarse patchy blebs and disseminations, whereas chalcopyrite mineralization was observed as coarse patchy blebs and fine disseminations mainly within the V2 host rock.

One competent highly sheared fault zone observed to contain the medium grained orthoclase syenite megaporphyry was noted from 200.5 to 211 meters depth. Copper mineralization makes a significant appearance following this zone.

7.3.44 DDH GC12-0887

GC12-0887 was a condemnation/exploration hole that was testing grade between Junction and the Central North pit. The hole ended at a final depth of 205.00 m.

The entire hole is a variation of brecciated and highly hematite and orthoclase altered orthoclase syenite megaporphyries (i9). The hole begins with an i9 with a hydrothermal breccias modifier (B2a). This means the i9 is not totally brecciated and with the low percentage of diopside and magnetite veining being the cement, only a breccia modifier can be used. From 16 to 62.89m, however, the i9 is brecciated enough to be called a hydrothermal breccias. Mafic dikes (D2) interfinger with this unit. Two units of west fork porphyry (WFP) from 62.89 to 75m are observed next separated by a D2 from 70 to 71m. An i9 is observed from 75 to 156m with moderate to strong hematite, orthoclase and chlorite alteration causing the rock to look brecciated but in fact is just alteration. Mafic dikes interfinger throughout the entire unit with a felsic dike being seen from 135 to 148.6m. From 156 to 181m an orthomagmatic breccia (B3a) is observed with small phenocrysts within the matrix and being separated by a highly ksp altered, 60%, trachytic, orthoclase phenocrysts syenite porphyry (i11) from 166.6 to 172.4m. The hole ends with an i9 with a B3a modifier from 187.67 to 205m.

The rock was highly fractured and disoriented making it very hard to see the rock in most places. The i9's were highly altered in a way in which it looked as if they were brecciated from completely washing out the phenocrysts to having parts of the i9 barely altered at all. High magnetite and diopside show that brecciation is apparent but contacts are highly variable.

No significant mineralization is found, however, hematite, limonite, spec hem and malachite were a common occurrence throughout the hole all ranging from 0.1-1%. Localized Cp and Py were found throughout the hole but usually associated with veins or fracture surfaces and rarely at percentages higher than trace.

7.3.45 DDH GC12-0888

GC12-0888 was a condemnation/exploration hole that was testing grade between Junction and the central north pit. It terminated at a final depth of 237.00 m.

The first 170m of the hole consists of repeating orthoclase syenite megaporphyry (i9) and medium grained syenites (i8). The i8 has the same characteristics of the i9 groundmass but without any large >1cm orthoclase phenocrysts. Strong epidote alteration and very weak limonite alteration could easily be seen in the i8s, whereas the i9's were heavily limonite altered causing it to be hard to see the original texture and phenocrysts of the rock. A heavily orthoclase flooded fault zone occurs from 67.9 to 71m as well as a mafic dike intruding from 160.7 to 162.2m. Beginning at 170m and ending at the end of hole at 237m, the i9's seem to drop out while a hydrothermal breccia brecciates the i8. We also see a mafic dike at 180.7 to 182.2m as well as a felsic dike with strange laminations and folding structures from 227.5 to 233.38m. The hydrothermal breccia is hematite and orthoclase altered, i8 clast supported with approx. 15% of magnetite cement precipitating blebby Cp, disseminated Py and rare, localized Bn mineralization.

From 166.2 to 227.5m, mineralization is found at higher grades than the previous condemnation/exploration holes. Disseminated Py is seen throughout the brecciated unit, usually associated with the magnetite cement but also seen rarely in altered i8 clasts, ranging from 0.1-1.5%. Blebby Cp, associated with the magnetite cement and hematite stained, orthoclase flooding, ranges from 0.1-0.7%. Localized Bn, associated with Cp mineralization, is seen between 168 to 187m, ranging from 0.1-0.2%. Trace bornite was also found between 221.5 and 224m.

7.4 Summary of Geotechnical Drill Results

The following section describes the geology encountered in geotechnical boreholes from Table 6. Cross sections of the drill holes displaying lithology, gold (≥ 0.1 g/t Au) and copper ($\geq 0.1\%$ Cu) can be found as plates in Appendix IV. Core photographs can be found in Appendix V. Copies of geological drill logs can be found in Appendix VI. ALS Minerals assay certificates and analytical protocols are located in Appendices VII and VIII, respectively. Maps of the drill collar locations can be found in Figures 3 and 4.

7.4.1 Borehole GC12-0848

GC12-0848 was drilled as part of the SRK 2012 geotechnical investigation program into the Bountiful highwall to obtain/control on OVB/broken/stick rock contact, and to investigate west dipping structure currently impacting phased pit designs in Central Pit East wall. The hole went to a final depth of 452.00 m.

The majority of the entire hole was Orthoclase Bearing Volcanic (V3). From 37m to 93.3m the V3 unit is intruded several times by Mafic Dikes (V3). From 112.4m to 123m the v3 unit is intruded several times by Intrusive Plagioclase Syenite Porphyry (i10). From 132.3m to 205.34m the V3 unit is intruded several times by Intrusive Dark Orthoclase Syenite (i4). From 186m to 228m, the volcanic unit has undergone intense alteration which has obliterated the original texture resulting in an Undifferentiated Mafic Volcanic (V4). From 315m to 342m the V3 unit is intruded several times by Intrusive Fine Grained Syenite Porphyry (i7).

The majority of the hole had no chalcopyrite mineralization, however at these intervals; (23.6m-26m), (210.5m-213m), (247.5m-250m), (257.5-260m), and (349.5m-354.5), there is trace chalcopyrite (0.1%) present.

7.4.2 Borehole GC12-0850

GC12-0850 was drilled into the northwest wall of the central pit (in the Central – North Gold Lens), as part of the 2012 SRK geotechnical investigation program. The purpose of the hole was to determine the location of the broken/stick rock contact, eliminate interpretive ambiguity, and to evaluate rock mass and possible structure at depth in the highwall. The hole went to a final depth of 501.00 m.

For the entirety of its length, the hole was comprised of various phases of Orthoclase Syenite Megaporphyry (i9a, (early phase) or i9b (late phase)), with intermittent, small (usually <5m) post mineralization felsic to mafic dykes (D4-D2). Within the mid-section of the hole (~340-430m) there are intermittent intervals of equigranular, medium-grained Syenite (i8).

There were moderate to strong, localized sections of chlorite and magnetite alteration within both the i9's and the i8, with rarer weak-strong patchy diopside-magnetite

alteration. Also abundant in the i9 units, was strong, pink, texturally destructive orthoclase-hematite alteration. Trace to moderate epidote alteration was consistent throughout both the i8 and i9's, usually with trace to weak garnet. Locally sericite altered plagioclase in the groundmass of both syenite units, and consistent weak to moderate carbonate. Mineralization throughout this hole consisted of 0-0.3% cp, bn, and py disseminated and structurally controlled. Most of the hole was fractured/broken, with the broken/stick boundary at ~457m depth.

7.4.3 Borehole GC12-0853

GC12-0853 was drilled as part of the SRK 2012 geotechnical investigation program after a first attempt of GC12-0853a was abandoned at 122.00 m. GC12-0853 terminated at a final depth of 215.00 metres.

The hole collars in 48.4m of OVB and then intersects V3b until 99m depth. A layer of thinly bedded but sometimes coarse sediments is encountered until 104m. Porphyritic V3 then continues to the end of the hole with some felsic dike between 113 – 131m.

Hematite (hem) staining and moderate to strong orthoclase alteration is common and consistent throughout the hole. Mineralization is insignificant until some disseminated py (0.3-1.5%) with localized cp blebs from 0.1-0.4% between 155 and 176m, encountered in the last unit of the hole.

A fault zone occurs from 68.35 to 80m, containing pervasive carb and anhydrite.

7.4.4 Borehole GC12-0855

GC12-0855 was drilled as part of SRK's geotechnical drill program. The hole went to a final depth of 455.10 m.

The beginning of the hole starts with a syenite megaporphyry (i9b) with no mineralization and a mafic dike from 76 to 77m and a fault zone with an i9 modifier from 111 to 116m. Inter-fingering Augite bearing volcanic (V1) and pseudoleucite bearing volcanic (V2) comprise most of the rock between 126 and 237m with an i9 appearing at 208 to 215m. Inter-fingering felsic dikes and a large section of what seems to be plagioclase syenite porphyry (i10) occurs between 237 and 301m. The i10 has a V3 modifier and an i5 modifier due to the fact that it was quite hard to see any sort of

definitive texture through the orthoclase and biotite alteration. This i10 then becomes brecciated and turns into an orthomagmatic breccia (B3a) with i10 clasts sets in a mafic, chlorite altered matrix from 302-356m. The i10 clasts seem to disappear and/or the clasts become completely epidote and chlorite altered making them hard to see. This B3 continues with inter-fingering D2's until 385m where a sharp contact borders the B3 with a felsic volcanic (V6) that is highly orthoclase altered from 385 to 419.1m. The orthoclase flooding decreases and the V6 turns into an intermediate volcanic from 419 to the end of the hole at 445 with a moderately hematite stained i9b in the middle of the unit.

The main mineralization occurs between 111 and 300m with localized cp blebs ranging from 0.1-1.5% with localized blebs of bornite being observed from 170-270m ranging from 0.1-0.4%. This hole is heavily hematite stained in areas between 82-123m, 254 to 434m.

7.4.5 Borehole GC12-0859

GC12-0859 was drilled as part of SRK's geotechnical drill program and terminated at 492.00 m.

The first 200 meters of the hole consisted of a hydrothermal breccia (B2b) with intermingling medium grained syenites (i7) and medium grained syenite porphyries (i11) followed by 150 meters of an unidentified Breccia (B) with interfingering fine grained syenites (i8) and mafic dikes (D2). These breccias contain clasts of i8 and for the rest of the hole, i8 constitutes most of the rock mass with inter-fingering mafic dikes and syenite megaporphyries (i9b).

Most of the hole contains little to no mineralization. Cp from 0-0.4% and Py, on average, from 0-0.8% can be found throughout the hole usually in association with fracture surfaces and a vuggy, highly crystalline veining system that is intensely orthoclase and hematite altered. The main mineralized portion is from 369 to 375m holding up to 6% veined cp and 431 to 439.25m holding up to 4% cp and 1.5% localized bornite. This mineralization was due to remobilization of the source rock into this dead rock where the minerals precipitated out onto fracture surfaces and into pore spaces in the veins.

7.4.6 Borehole GC12-0861

GC12-0861 was part of SRK's 2012 geotechnical drill program at Galore Creek. The hole went to a final depth of 300.00 m.

The hole's first 60m was overburden, however, there was no core recovery from 9-60m. This is followed by medium grained orthoclase syenite megaporphyry (i9b) to 204.5m with a small mafic dike (D2) within at 118.5-120.2m. There was no core recovery from 66-72m and from 78-84m. The hole then encountered a monolithic hydrothermal breccia (B2a) with (i9b) clasts to 242.8m. This is followed by another (i9b) interval to 275.6m before hitting another monolithic hydrothermal breccia (B2a) till the end of hole at 300m. The hole reduced to NQ at approximately 115m in strongly fractured rock, and hit stick rock at 259.8m.

The i9b is very weakly mineralized, generally containing only trace disseminated py. However, at 135-153m there is 0.1-0.3% blebby chalcopyrite within sections containing elevated magnetite, again near contact from 198-204.5m there is 0.2-0.3% blebby cp with 0.1-0.3% blebby py. The (B2a) at 204.5-242.8m has weak cp mineralization with small sections of moderate cp. Overall the cp ranges from (0.1-1.2%) and mostly occurs as blebs associated with veins and stringers and rarely as disseminations in the matrix. The best intervals occur at 207-209m (cp 1.2%, py 0.3%), 215-217m (cp 0.8%, 0.5% py), and 238-242.8m (cp 0.5-0.7%, bn 0-0.2%). The second (i9b) has 0-0.2% cp overall with 0.1-0.5% Py and overall is barren to very weakly mineralized. The end of the hole (B2a) is weakly mineralized with 0.1-0.4% cp and 0.2-0.5% py with mineralization style the same as previous (B2a).

7.4.7 Borehole GC12-0864

GC12-0864 was drilled as part of SRK's 2012 geotechnical drill program. The hole went to a final depth of 318m.

The hole encountered bedrock at 9.3m and continued through an alternating series of medium grained orthoclase syenite megaporphyry (i9) and medium grained syenite (i8) with numerous and large felsic dikes (D4) up to 263.41m. The remainder of the hole consisted of medium grained syenite porphyry (i11) with small mafic dikes (D2) up to 309.9m where the hole encountered a strongly bleached and orthoclase altered white felsic dike to 312.2m followed by a small i11 to 314.8m and terminating in another felsic

dike at 318m. Large significant faults were encountered in both of the final two felsic dikes containing strong gouge and steep 5 degree to core axis angles.

None of the units contained any significant mineralization, with rare trace cp observed only on few fracture surfaces. Trace to weak disseminated pyrite was observed throughout. Most significant mineralization was in the strongly hem stained and orthoclase altered felsic dikes where hem reached up to 3% and specular hematite was as strong as 2.5% in places mostly as fracture coatings and stringers.

7.4.8 Borehole GC12-0870

GC12-0870 was drilled as part of SRK's geotechnical program to obtain groundtruth seismic surveys and improve quality on information for overburden/broken rock/stick rock contact. The hole was completed with ¾" PVC installed to 288m with vibrating piezometers installed at 287.7m and 287.4m. The hole went to a final depth of 451.00 metres.

The majority of the first 244m is an Orthoclase Bearing Volcanic (V3) which is intruded by an Intermediate Dike (D3), a Mafic Dike (D2) and a Felsic Dike (D4). From 244 – 262.5m, there was no recovery. The rest of the hole (262.5 – 331m) is Pseudoleucite Bearing Volcanic (V2) which is cut by a D2.

Mineralization occurs throughout this entire hole as disseminated pyrite (0.1%-3.0%), however in the D3 unit (105m-109m) and the D2 unit (280m-282.31m) there is no mineralization. At the intervals (146m-148.5m) and (153m-154.7m) in the V3 unit there is trace chalcopyrite (0.2%-0.3%). Mineralized chalcopyrite does not occur again until the V2 unit, which occurs as localized disseminations ranging from 0.1%-0.5%.

7.5 Summary of Hydrogeological Drill Results

The following section describes the geology encountered in hydrogeological drill holes from Table 7. Cross sections of the drill holes displaying lithology, gold (≥ 0.1 g/t Au) and copper ($\geq 0.1\%$ Cu) can be found as plates in Appendix IV. Core photographs can be found in Appendix V. Copies of geological drill logs can be found in Appendix VI. ALS

Minerals assay certificates and analytical protocols are located in Appendices VII and VIII, respectively. Maps of the drill collar locations can be found in Figures 3 and 4.

7.5.1 SRK12-06

SRK12-06 was drilled as part of SRK's 2012 hydrogeological drill program in the bountiful highwall. The hole was drilled entirely in HQ core, and had a final depth of 156m.

The hole collared in a strongly orthoclase altered orthoclase-bearing crystal lithic tuff (V3h), with minor clasts till 29m. From 29.0-39.15m is a V3 unit where the groundmass is much more mafic (bio+chl alt has increased) than the V3h above, and clasts are no longer present. From 39.15 to 44.2m and from 52.35 to 56.4m, is a unit that appears to be a mixed V3/pseudo i4 rock type, with the same V3 unit described above between (44.2m-51.35m). From 56.4m down to the end of hole (156m) rock types alternate between the V3 and V3h described above with a small dyke of i8 from 84.84 to 88.92m.

Alteration throughout the hole is fairly uniform - strong orthoclase, and weak to moderate biotite throughout, with intermittent sections of patchy epi and garnet. Only trace cp was observed rarely within the hole, and consistent 0.5-2% disseminated pyrite was observed. No significant structures were encountered - but there was no core recovered between 29m-32.75m.

7.5.2 SRK12-10

SRK12-10 was drilled as part of SRK's hydrogeological drill program. It went to a final depth of 243.00 meters.

The hole is predominantly an orthoclase-bearing volcanic (V3) unit that contains an i4b modifier from 65.46 -73.85 meters. The V3 is cut by both a mafic (D2) and intermediate dyke (D3) at 88.12-90.55m and 203.30-207.65 meters, respectively. Two undifferentiated volcanic (V4) units occur from 110.30-132.57m and 191.30-195.00 meters.

This hole is very weakly mineralized overall. Trace chalcopyrite is found in patches from 215.00-243.00 meters in the V3 unit. Finely disseminated pyrite is noted throughout the hole, with values increasing in grade to 1-2% from 31.00- 88.12 meters. Concentrations of less than 1% are found above and below this zone. The D2 dyke is relatively

unmineralized, containing 0.3% pyrite disseminated throughout and the D2 dyke near the end of the hole contains no mineralization. Potassium feldspar alteration increases significantly near the end of the hole from 220.46 -243.00 metres.

7.5.3 SRK12-15

SRK12-15 was drilled as part of SRK's 2012 hydro program at Galore creek. It went to a final depth of 103.00 m.

The hole's first 40m is orthoclase bearing volcanic (V3) with a small mafic dike at 29.71-34m. This is followed by an undifferentiated breccia to 103m with a 1m intermediate dike at 71-72m. The Breccia appeared in some intervals to be hydrothermal but the character was inconsistent and at times looked almost volcanoclastic. Towards the end of the hole (90m-103m) clasts increased in size and were of obvious intrusive origin (i9?). This coincided with a decrease in magnetite in the hole.

The V3 had weak mineralization with Cp (0.1-0.3%) from 17.9-26m. Pyrite in this unit was weak to moderate as disseminated blebs ranging from 0.2-1%. The breccia was generally weakly mineralized with one sheared strongly magnetite rich interval at 48.3-49.3m containing 1.2% Cp and .2% Bn observed on fractures and in veins. Overall Cp is absent to trace and Pyrite ranges from 0.2-2.5% as disseminated blebs and fracture fill.

7.5.4 SRK12-19

SRK12-19 was drilled as part of SRK's 2012 hydro program at Galore Creek. The hole completed to a final depth of 115.00 m.

The hole's first 13m was overburden, which was followed by an i4(V3) to 16.75m before encountering a large intermediate dike to 27.5m. After the dike the hole continued in a i4 (V3) to 71.7m before ending in a V3h at 115m.

The hole did not encounter any significant copper mineralization, only rare trace chalcopyrite was observed and mostly on fracture surfaces. Limonite staining was present down to a depth of 27.5m. Pyrite was moderate to strong 27.5-115.5m ranging from 1-6%.

7.5.5 SRK12-21

SRK12-21 was drilled as part of SRK's 2012 hydro program at Galore Creek. The hole completed to a final depth of 35.00 m.

The hole collared in 19m of OVB and remained in i9 until its EOH at 35m. The i9 unit was cut by two small mafic dikes at 6.2-8m and 28.3-29.5m.

The hole encountered very little mineralization in total. Trace bornite was observed associated with one biotite grain at 23.25m other than this no copper mineralization was observed in the hole. There was limonite staining from the collar down to final depth ranging from 0.1-3.5% with associated hematite staining ranging from 0.2-1.5%. Pyrite was observed throughout ranging from 0.1-0.2% as disseminations.

7.5.6 SRK12-22

SRK12-22 was drilled as part of SRK's 2012 hydro program at Galore Creek and was collared roughly one metre away from SRK12-19. The hole completed to a final depth of 132.00 m.

The hole's first 5.5m was overburden, this was followed by and i4(V3) to 19.5m before encountering a large intermediate dike to 29.55m. After the dike the hole continued in an i4(V3) to 70.5m before ending in a V3h at 132m.

The hole did not encounter any significant copper mineralization, the best interval was observed at 15.5-16.5m with Cp ranging from 0.3-0.4% and occurring primarily on fracture surfaces, otherwise, Cp was observed as trace blebs on fractures intermittently throughout the hole. Pyrite was quite strong outside of the dike ranging from 0.5-6% as blebby disseminations and fracture fill. The hole was limonite stained down to 42m with limonite ranging from 0.1-3.5%.

7.6 Summary of Overburden Drilling Results

The following section describes the geology encountered in some of the overburden drill holes from Table 8. Not all of the overburden holes produced bedrock chips, therefore not all have a log record. Cross sections of the drill holes can be found as plates in

Appendix IV. No photographs were taken of the drill chips. Copies of geological drill logs can be found in Appendix VI. ALS Minerals assay certificates and analytical protocols are located in Appendices VII and VIII, respectively. Maps of the drill collar locations can be found in Figures 3 and 4.

7.6.1 SRK12-01

SRK12-01 was drilled as part of SRK's overburden program. The following was observed within the rock chips: 0.1-0.5cm sized rock chips, no visible phenocrysts, and larger 0.5cm sized chips appear to be of a volcanic texture along with amount of orthoclase suggests a V3 lithology though it is very difficult to determine using rock chips of this size. There is native Copper visible along with 1-2.5% blebby chalcopyrite, and 0.1-0.2% bornite and 0.5% pyrite. There is weak garnet also apparent in some chips.

7.6.2 SRK12-08

SRK12-08 was drilled as part of SRK's 2012 overburden program. The following was observed from the rock chips: 0.5-15cm HQ size core chips. Unit appears to be a Orthoclase bearing volcanic to Mafic undifferentiated volcanic with some i4 looking small pieces from 52.33-61m. There does not appear to be a contact and looks more likely to be a clast or phenocrysts within the unit. Overall the unit is dark grey to black with a medium grained strongly bio/orthoclase altered volcanic texture and is moderately to strongly carbonate rich. Mineralization for cp is trace to absent with a slight increase from 52.33-53.19m where it is 0.5%. Pyrite is disseminated and blebby and ranges from 0.3-1.5%.

7.6.3 SRK12-09

SRK12-09 was drilled as part of SRK's overburden program in 2012. The following was observed in the rock chips produced in this hole: 0.1-1.2cm rock chips composed mostly of orthoclase altered feldspars and lesser biotite and chlorite-altered mafics. Likely an orthoclase bearing volcanic, unit contains 0.5-1.2% cubic disseminated pyrite with trace cp observed after 33.1m. Weak hematite staining also observed. Hard to be certain of exact lithology but appears volcanic.

7.6.4 SRK12-11

SRK12-11 was drilled as part of SRK's 2012 overburden program. The following was observed from the rock chips: there were several intervals missing or misplaced that were not logged. 0.1-0.5cm rock chips mixture of mafic and felsic material. Size makes determination of rock type difficult; however there is epidote alteration on what appears to be plagioclase, suggesting the possibility of an igneous intrusive. Though there are more mafic chips as well, suggest possible dike within this unit or even the possibility of a volcanic. Mineralization consisted mostly of disseminated pyrite (0.1-0.5%) and trace copper observed at 60.4-64.3m.

7.6.5 SRK12-13

SRK12-13 was drilled as part of SRK's 2012 overburden program. This is what was observed from the rock chips: Very few and small rock chips. 0.1-0.3cm within pulverized silt, making lithology hard to distinguish – volcanic, as no phenocrysts are observed. Trace copper seen along with disseminated pyrite and limonite staining. Possibly still overburden.

7.6.6 SRK12-18

SRK12-18 was drilled as part of SRK's 2012 overburden program. The following was observed from the rock chips from this hole: Chips are 0.3-0.6cm in size and are composed of approximately 60% of what appears to be a mafic dike mixed in with bits of overburden. Quite possibly all overburden. Trace pyrite observed.

8.0 DISCUSSION AND CONCLUSIONS

During the 2012 field season, a total of 28,089.80 metres of drilling in seventy-eight holes was carried out, for assessment filing, in the Galore Creek valley. The diamond drilling program consisted 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 which should support preparation of a new resource estimate for feasibility-level mine planning and design. 2012 drilling should be incorporated into future geological models to support feasibility-level resource estimation.

The SRK geotechnical and hydrogeological site investigation program was undertaken to obtain geotechnical data to support future mine planning and engineering at Galore Creek. The geotechnical drill program was completed successfully, and results should be incorporated into future engineering studies. Assay data from geotechnical drilling should be incorporated into future resource model updates.

Future work should focus on continuing to upgrade Inferred blocks to Measured and Indicated classification in the Bountiful area of the Central Pit as well as the area of and east of Central-North, and collecting geotechnical data to assist in pit design, mine planning and facilities placement.



APPENDIX I

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APPENDIX II

STATEMENT OF EXPENDITURES

Statement of Expenditures

Galore Creek Valley Drilling Program

Period of Field Work: May 17, 2012 to October 1, 2012

Work Performed on Claims: 516459, 516158, 516165

Mine Permit: M-230

Direct Drilling Costs:

Contractor: Geotech Drilling Ltd.

	Metres	Core Size	
Geotechnical Drill Holes (9)	3,296	HW/HQ3/NQ3	\$765,431
Exploration Drill Holes (47)	23,369	HW/ HQ3	\$5,058,946
Overburden Drill Holes (16)	590	"chips" (no core)	\$88,703
Hydrogeological Drill Holes (6)	<u>835</u>	PQ	<u>\$350,105</u>
Total Metres: 28,090			

Costs include: drill mobilization and demobilization, drilling, drill supplies

Subtotal: \$6,263,184

Indirect Drilling Costs:

Drilling and Camp Fuel (364,720 litres, \$1.07 per litre)	\$391,511
Helicopter Support – Mustang Helicopters Inc.	
Bell 205B (\$2400/hr) – 684 hours	\$1,642,560
Astar AS350 (\$1425/hr) – 909 hours	\$1,295,895
Helicopter Fuel (\$1.34/litre)	
Bell 205B rate – 354 litres/hr, 242,278 litres	
Astar AS350 rate – 200 litres/hr, 181,880 litres	\$568,371
Drill Site and Core preparation (Tahltan Northern Exploration Services Ltd.)	\$778,910
Drill site lumber and coreboxes, etc.	\$175,852

Safety, Security & Avalanche Monitoring Costs:

Exploration Logistics BC Ltd. (emergency medical services)	
Stikine Alliance Security Services Inc.	
Storm Mountain Technical Services (avalanche monitoring)	\$539,414

Camp Support Costs:

Drilling, helicopter, safety, core logging and maintenance crews	
Camp accommodation rate per day: \$106.09 (66 crew/day, 136 days)	\$952,232

Drill Core Assaying and Freight Costs:

ALS Labs (12,028 samples)	\$519,351
Canadian Freightways	\$30,351

Drill Core Logging and Report Preparation Costs:

Geologists and Geotechnical field support	\$405,946
Report preparation (112 hours)	\$5,000



	Subtotal: \$13,568,578
Project Management Fee (10%):	\$1,356,858
<hr/>	
TOTAL WORK AVAILABLE FOR ASSESSMENT CREDIT:	\$14,925,436.00
Total Assessment Work Applied to Mineral Claims:	\$5,893,740.98
Event Numbers: 5439902, 5439916	
BALANCE OF ASSESSMENT WORK APPLIED TO PAC:	
Galore Creek Mining Corporation (211373)	\$9,031,695.02

APPENDIX III

STATEMENTS OF QUALIFICATION

GEOLOGIST'S CERTIFICATE

I, Rex S.L.S. Turna, 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 2006.
3. I have practiced my profession with exploration companies in Alaska, USA, British Columbia and Ontario, Canada for six and a half years. I've worked continuously for the last two years on the Galore Creek Project, BC.
4. I am an author of the '2012 Diamond Drilling Assessment Report on the Galore Creek Property'.
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, this 21st day of May, 2013.




Rex S.L.S. Turna

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 three and a half years. I've worked continuously for the last two years on the Galore Creek Project, B.C.
4. I have reviewed the '2012 Diamond Drilling Assessment Report on the Galore Creek Property', dated May, 2013.
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.

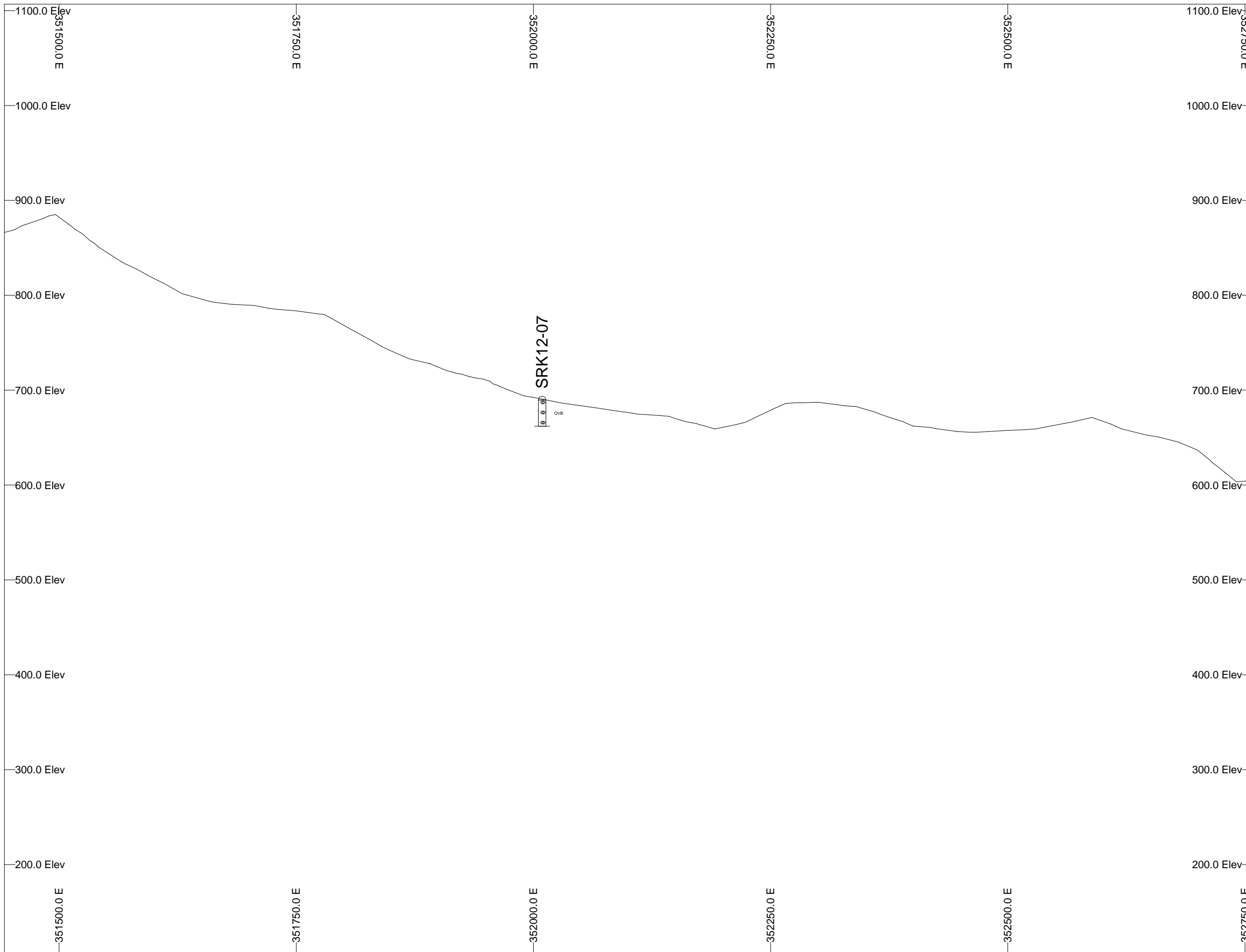
Dated at Vancouver, British Columbia, this 21st day of May, 2013.



Sarah L. Henderson

APPENDIX IV

GEOLOGICAL CROSS SECTIONS

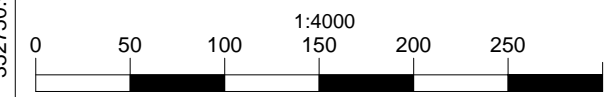


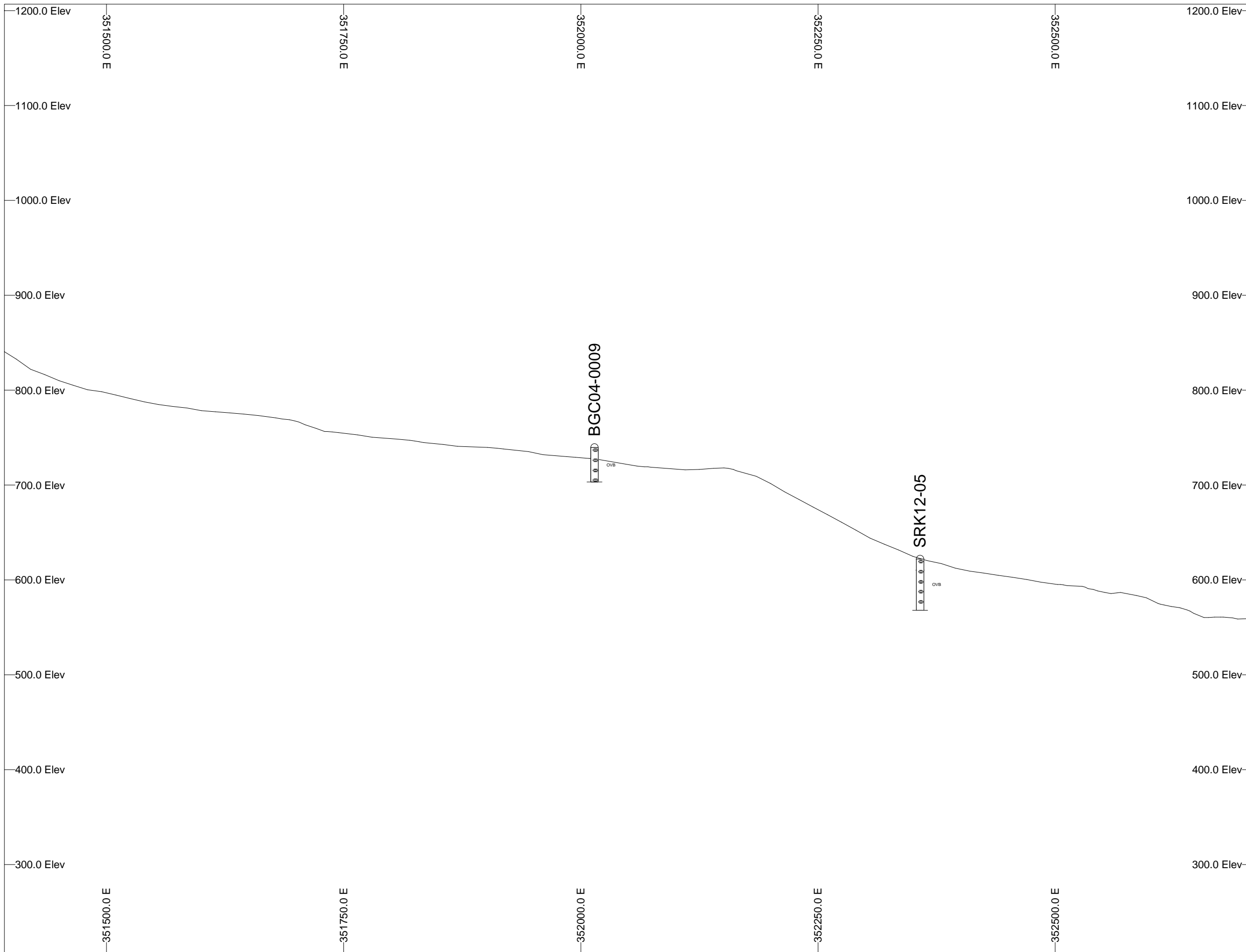
LEGENDS	
Lithology	
	Sedimentary Rocks (S1 - S6)
	Volcanics - Undivided (V)
	Augite-Bearing Volcanics (V1)
	Pseudoleucite-Bearing Volcanics (V2)
	Orthoclase-Bearing Volcanics (V3)
	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
	Intrusive - Undivided (i)
	Pseudoleucite Porphyry (i1 or i2)
	Grey Syenite Porphyry (i3)
	Copper Canyon Porphyry (CCPo or CCCp)
	Dark Orthoclase Syenite (i4)
	Orthoclase Syenite Megaporphyry (i9)
	Syenite (i6 or i8)
	Junction Porphyry (JP)
	West Fork Porphyry (WFP)
	Syenite Porphyry (i7 or i11)
	Plagioclase Syenite Porphyry (i10)
	Lavender Syenite Porphyry (i12)
	Breccia (B)
	Diatreme Breccia (B1)
	Hydrothermal Breccia (B2)
	Orthomagmatic Breccia (B3)
	Dike (D)
	Lamprophyre Dike (D1)
	Mafic Dike (D2)
	Intermediate Dike (D3)
	Felsic Dike (D4)
	Fault Zone (FZN)
	Overburden (OVB)

Left side of drill trace:		Right side of drill	
Au ppm		Cu %	
	>0.1		>0.1
	>0.2		>0.2
	>0.3		>0.3
	>0.5		>0.5
	>1.0		>1.0
	>2.0		>2.0



Galore Creek Project		
Section 6337300 N		OVB SRK12-07
Section width: 50m	Date: 16/05/13	Drawn by: S. H.



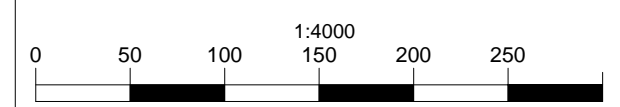


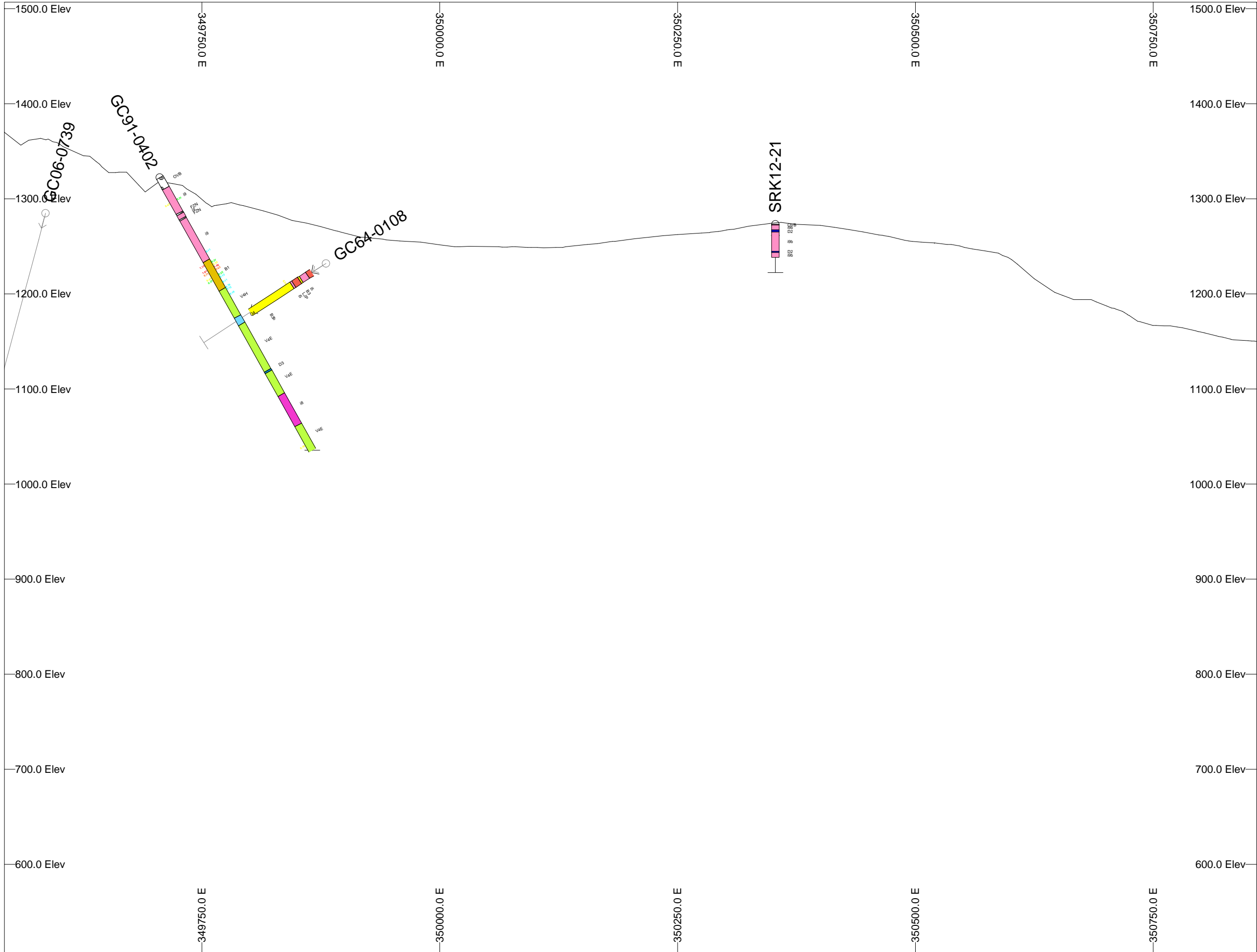
LEGENDS	
Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Medium Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Lighter Pink]	Orthoclase Syenite Megaporphyry (i9)
[Light Purple]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Orange]	West Fork Porphyry (WFP)
[Dark Orange]	Syenite Porphyry (i7 or i11)
[Dark Orange]	Plagioclase Syenite Porphyry (i10)
[Light Orange]	Lavender Syenite Porphyry (i12)
[Yellow-Orange]	Breccia (B)
[Yellow]	Diatreme Breccia (B1)
[Light Yellow]	Hydrothermal Breccia (B2)
[Lighter Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Medium Blue]	Lamprophyre Dike (D1)
[Light Blue]	Mafic Dike (D2)
[Lighter Blue]	Intermediate Dike (D3)
[Lightest Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVB)

Left side of drill trace:		Right side of drill	
Au ppm		Cu %	
[Cyan]	>0.1	[Cyan]	>0.1
[Green]	>0.2	[Green]	>0.2
[Yellow]	>0.3	[Yellow]	>0.3
[Orange]	>0.5	[Orange]	>0.5
[Red]	>1.0	[Red]	>1.0
[Magenta]	>2.0	[Magenta]	>2.0



Galore Creek Project		
Section 6336525 N	OVB SRK12-05	
Section width: 50m	Date: 16/05/13	Drawn by: S. H.



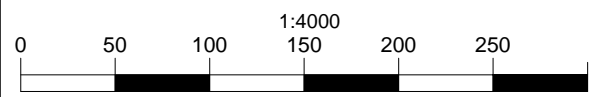


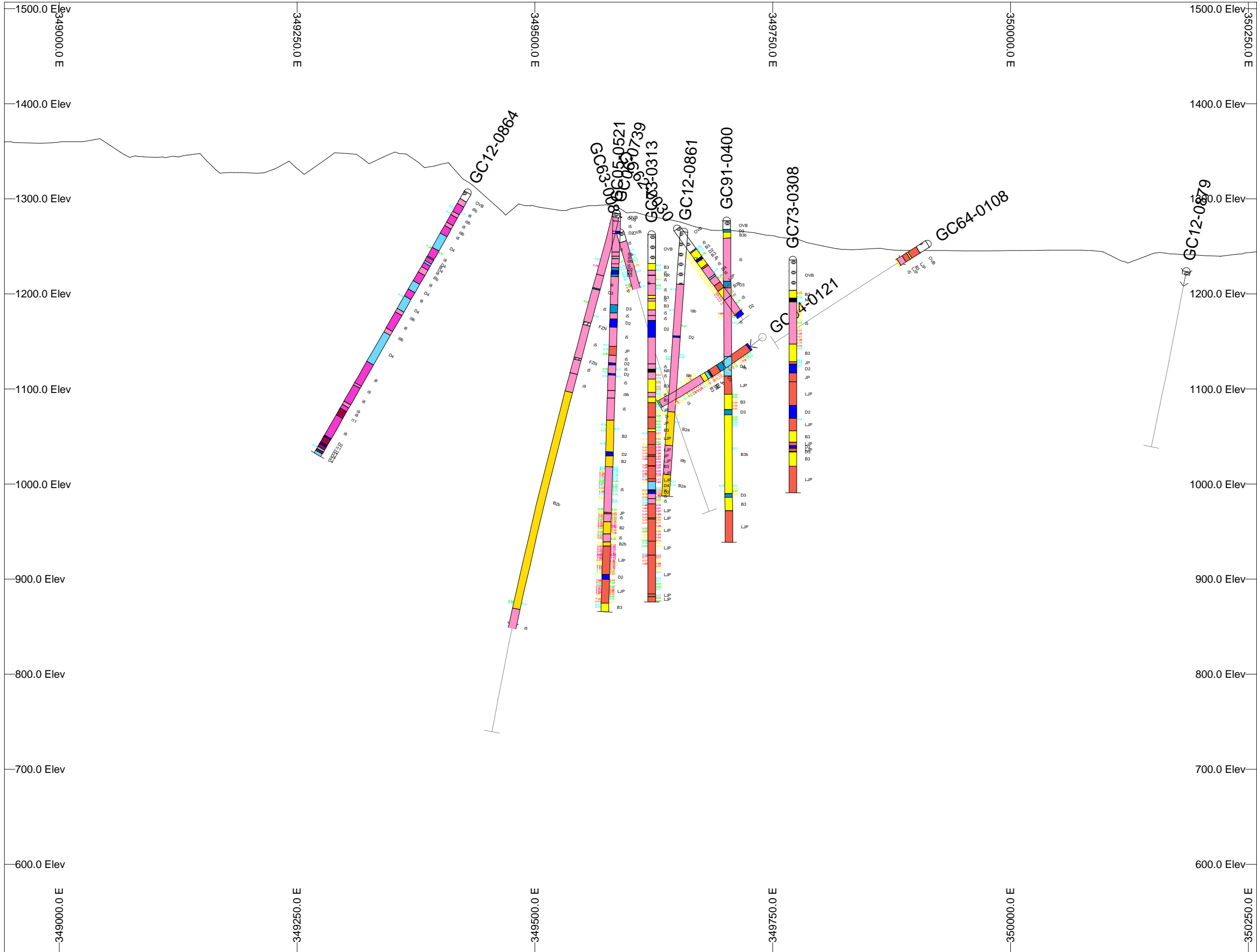
LEGENDS	
Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Medium Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Light Purple]	Orthoclase Syenite Megaporphyry (i9)
[Purple]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Orange]	West Fork Porphyry (WFP)
[Dark Orange]	Syenite Porphyry (i7 or i11)
[Light Orange]	Plagioclase Syenite Porphyry (i10)
[Yellow-Orange]	Lavender Syenite Porphyry (i12)
[Yellow]	Breccia (B)
[Light Yellow]	Diatreme Breccia (B1)
[Lighter Yellow]	Hydrothermal Breccia (B2)
[Lightest Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Medium Blue]	Lamprophyre Dike (D1)
[Light Blue]	Mafic Dike (D2)
[Lighter Blue]	Intermediate Dike (D3)
[Lightest Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVB)

Left side of drill trace:		Right side of drill	
Au ppm		Cu %	
[Cyan]	>0.1	[Cyan]	>0.1
[Green]	>0.2	[Green]	>0.2
[Yellow]	>0.3	[Yellow]	>0.3
[Orange]	>0.5	[Orange]	>0.5
[Red]	>1.0	[Red]	>1.0
[Magenta]	>2.0	[Magenta]	>2.0



Galore Creek Project		
Section 6336525 N	HYDRO SRK12-21	
Section width: 50m	Date: 16/05/13	Drawn by: S. H.



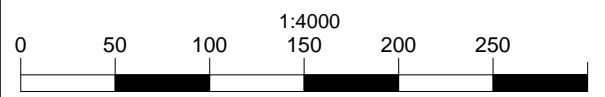


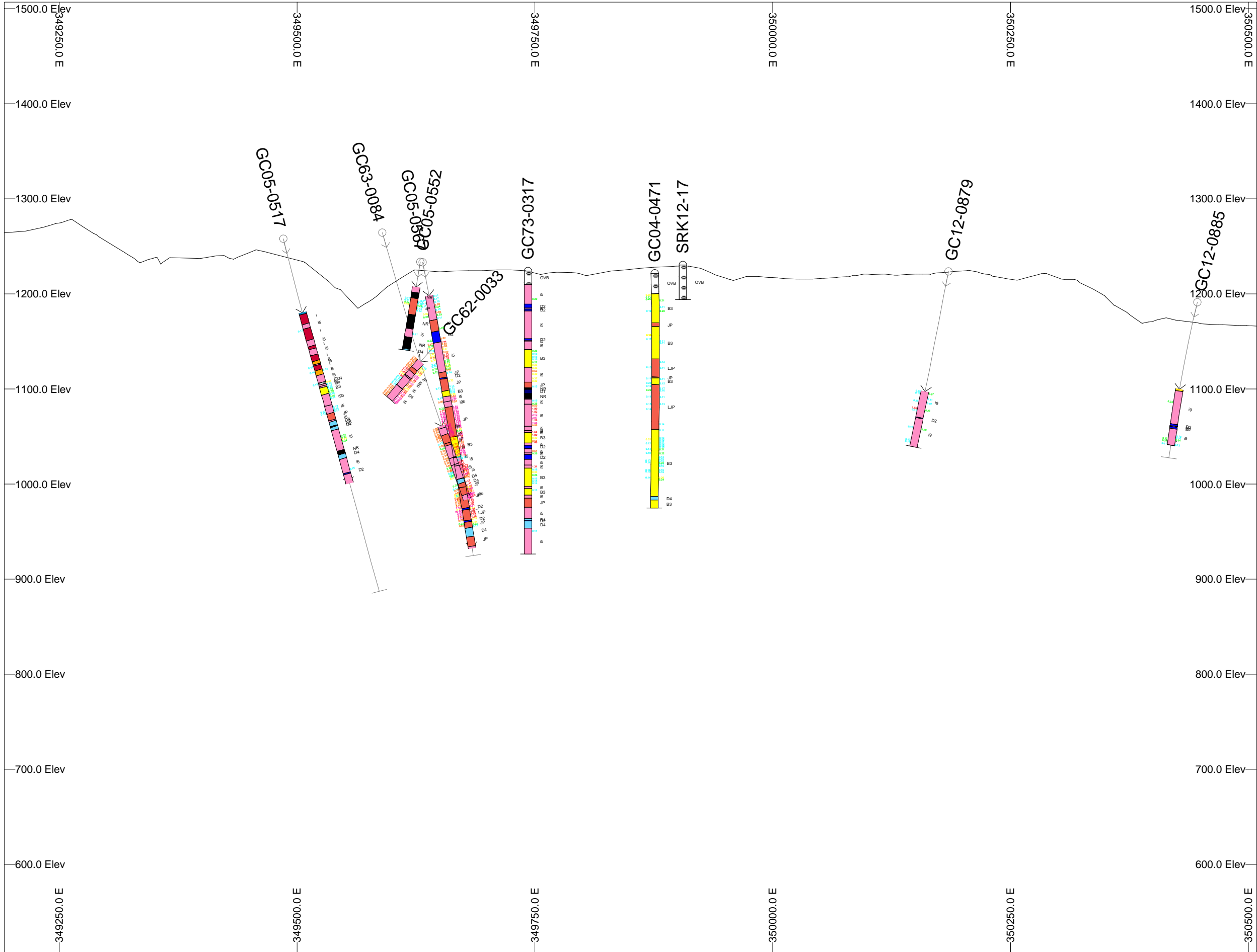
LEGENDS	
Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Light Purple]	Orthoclase Syenite Megaporphyry (i9)
[Magenta]	Syenite (i6 or i8)
[Red-Orange]	Junction Porphyry (JP)
[Orange-Red]	West Fork Porphyry (WFP)
[Red-Orange]	Syenite Porphyry (i7 or i11)
[Orange]	Plagioclase Syenite Porphyry (i10)
[Light Orange]	Lavender Syenite Porphyry (i12)
[Yellow-Orange]	Breccia (B)
[Yellow]	Diatreme Breccia (B1)
[Light Yellow]	Hydrothermal Breccia (B2)
[Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Dark Blue]	Lamprophyre Dike (D1)
[Blue]	Mafic Dike (D2)
[Light Blue]	Intermediate Dike (D3)
[Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVb)

Left side of drill trace:		Right side of drill	
Au ppm		Cu %	
[Cyan]	>0.1	[Cyan]	>0.1
[Green]	>0.2	[Green]	>0.2
[Yellow]	>0.3	[Yellow]	>0.3
[Orange]	>0.5	[Orange]	>0.5
[Red]	>1.0	[Red]	>1.0
[Magenta]	>2.0	[Magenta]	>2.0



Galore Creek Project		
Section 6336400 N	DDH GC12-0861; GC12-0864	
Section width: 175m	Date: 16/05/13	Drawn by: S. H.



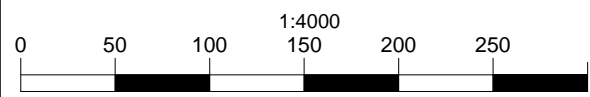


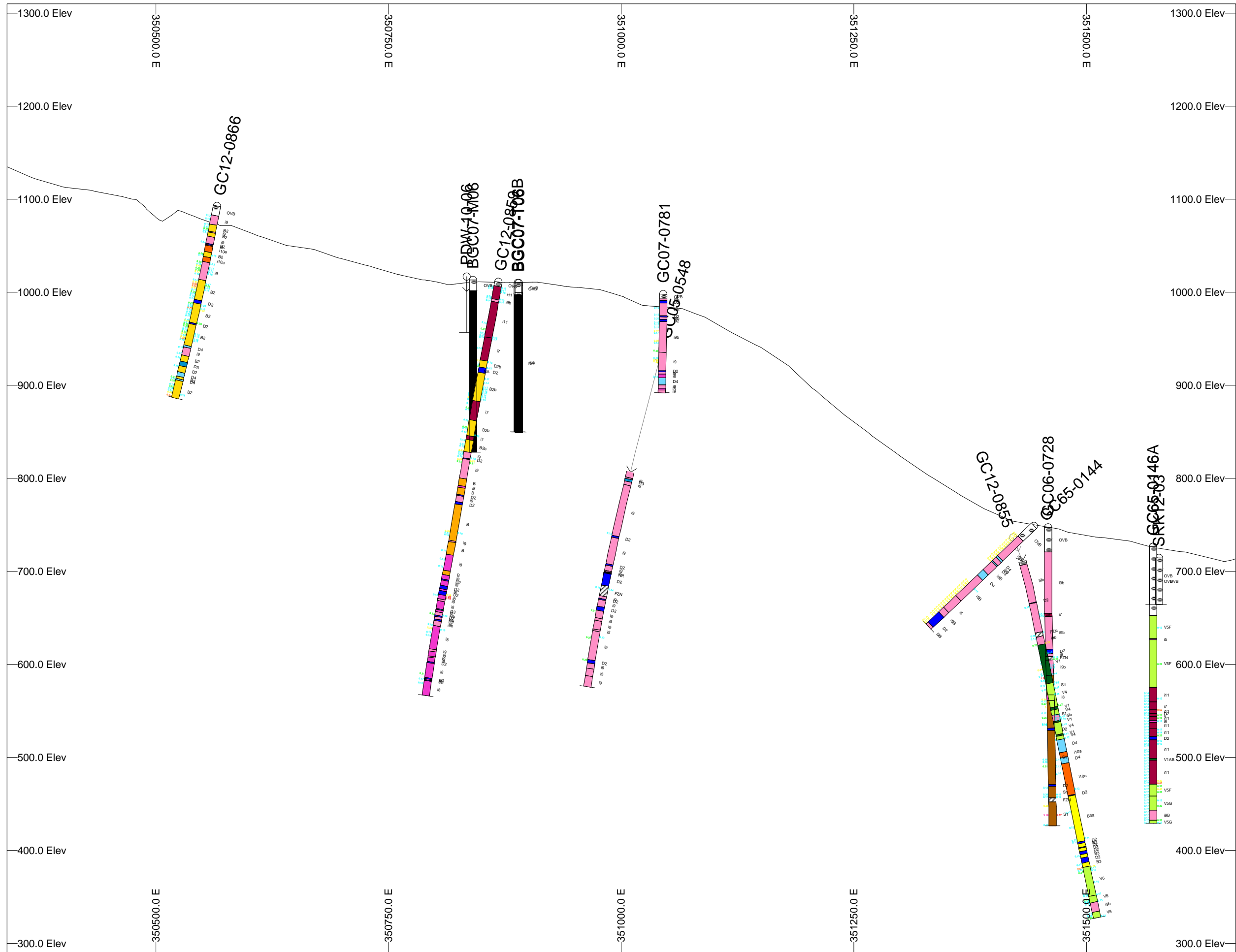
LEGENDS	
Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Lighter Pink]	Orthoclase Syenite Megaporphyry (i9)
[Light Purple]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Orange]	West Fork Porphyry (WFP)
[Dark Orange]	Syenite Porphyry (i7 or i11)
[Light Orange]	Plagioclase Syenite Porphyry (i10)
[Yellow-Orange]	Lavender Syenite Porphyry (i12)
[Yellow]	Breccia (B)
[Light Yellow]	Diatreme Breccia (B1)
[Lighter Yellow]	Hydrothermal Breccia (B2)
[Lightest Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Medium Blue]	Lamprophyre Dike (D1)
[Light Blue]	Mafic Dike (D2)
[Lighter Blue]	Intermediate Dike (D3)
[Lightest Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OV)

Left side of drill trace:		Right side of drill	
Au ppm		Cu %	
[Cyan]	>0.1	[Cyan]	>0.1
[Green]	>0.2	[Green]	>0.2
[Yellow-Green]	>0.3	[Yellow-Green]	>0.3
[Orange]	>0.5	[Orange]	>0.5
[Red]	>1.0	[Red]	>1.0
[Magenta]	>2.0	[Magenta]	>2.0



Galore Creek Project		
Section 6336225 N	OV SRK12-17	
Section width: 40m	Date: 16/05/13	Drawn by: S. H.





LEGENDS

Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Light Green]	Augite-Bearing Volcanics (V1)
[Yellow-Green]	Pseudoleucite-Bearing Volcanics (V2)
[Light Yellow]	Orthoclase-Bearing Volcanics (V3)
[Light Green]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Dark Magenta]	Dark Orthoclase Syenite (i4)
[Light Pink]	Orthoclase Syenite Megaporphyry (i9)
[Light Magenta]	Syenite (i6 or i8)
[Light Red]	Junction Porphyry (JP)
[Red-Orange]	West Fork Porphyry (WFP)
[Orange]	Syenite Porphyry (i7 or i11)
[Light Orange]	Plagioclase Syenite Porphyry (i10)
[Yellow-Orange]	Lavender Syenite Porphyry (i12)
[Orange]	Breccia (B)
[Light Orange]	Diatreme Breccia (B1)
[Yellow]	Hydrothermal Breccia (B2)
[Light Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Medium Blue]	Lamprophyre Dike (D1)
[Light Blue]	Mafic Dike (D2)
[Light Blue]	Intermediate Dike (D3)
[Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVB)

Left side of drill trace:

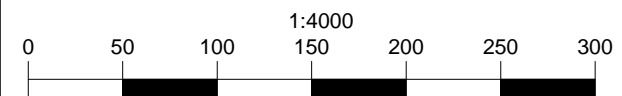
Au ppm	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0

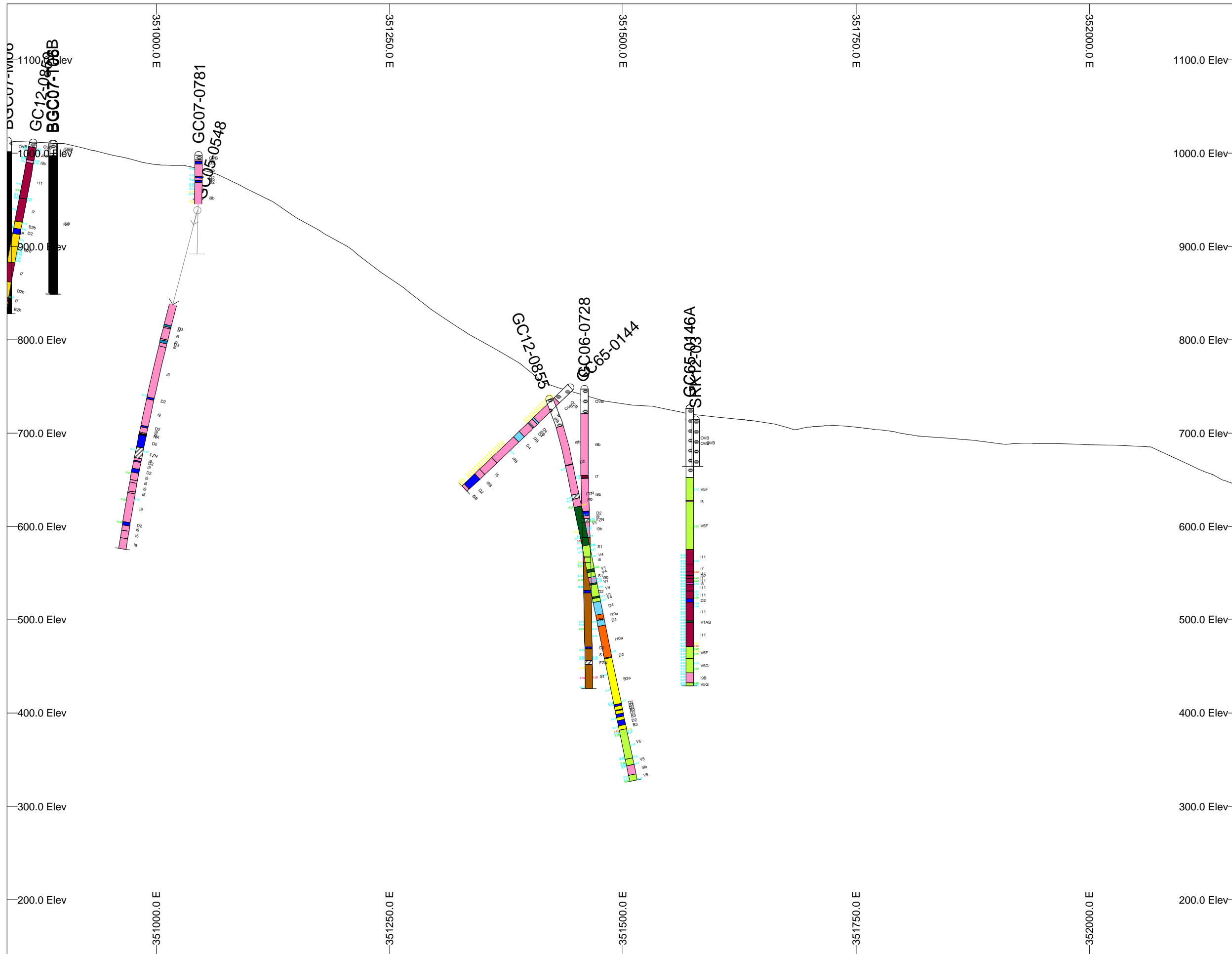
Right side of drill trace:

Cu %	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0



Galore Creek Project		
Section 6336025N	DDH GC12-0859	
Section width: 250m	Date: 14/05/13	Drawn by: S.H.





LEGENDS

Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Lighter Pink]	Orthoclase Syenite Megaporphyry (i9)
[Lightest Pink]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Orange]	West Fork Porphyry (WFP)
[Light Orange]	Syenite Porphyry (i7 or i11)
[Lighter Orange]	Plagioclase Syenite Porphyry (i10)
[Lightest Orange]	Lavender Syenite Porphyry (i12)
[Yellow-Orange]	Breccia (B)
[Yellow]	Diatreme Breccia (B1)
[Light Yellow]	Hydrothermal Breccia (B2)
[Lightest Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Medium Blue]	Lamprophyre Dike (D1)
[Light Blue]	Mafic Dike (D2)
[Lightest Blue]	Intermediate Dike (D3)
[Very Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVB)

Left side of drill trace:

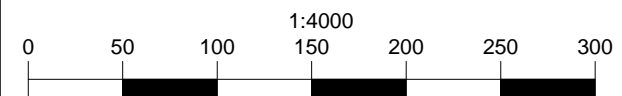
Au ppm	
[Cyan]	>0.1
[Green]	>0.2
[Yellow-Green]	>0.3
[Yellow]	>0.5
[Orange]	>1.0
[Red]	>2.0

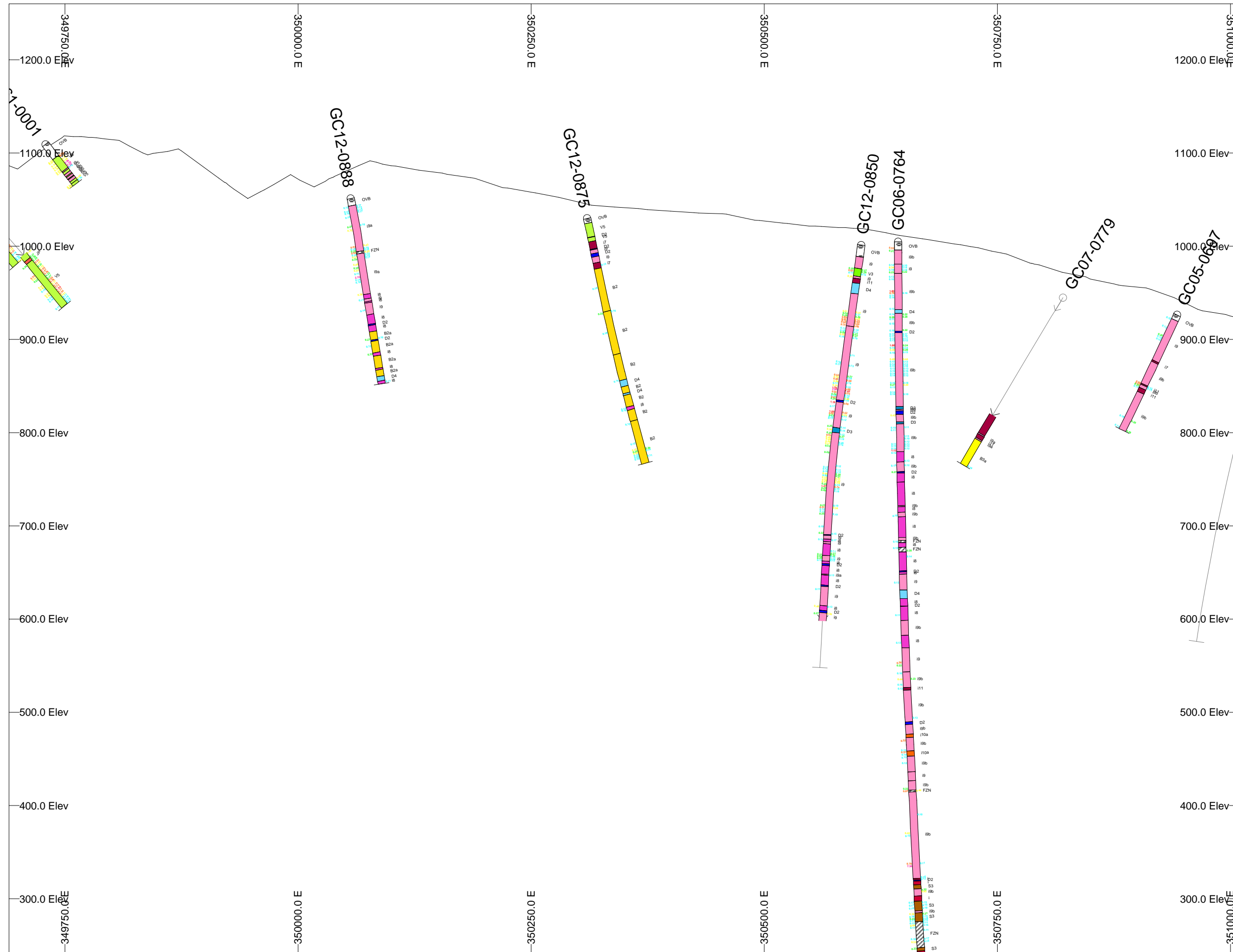
Right side of drill trace:

Cu %	
[Cyan]	>0.1
[Green]	>0.2
[Yellow-Green]	>0.3
[Yellow]	>0.5
[Orange]	>1.0
[Red]	>2.0



Galore Creek Project		
Section 6335975N	DDH GC12-0855; OVB SRK12-03	
Section width: 175m	Date: 14/05/13	Drawn by: S.H.



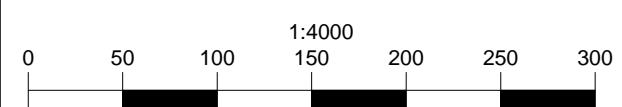


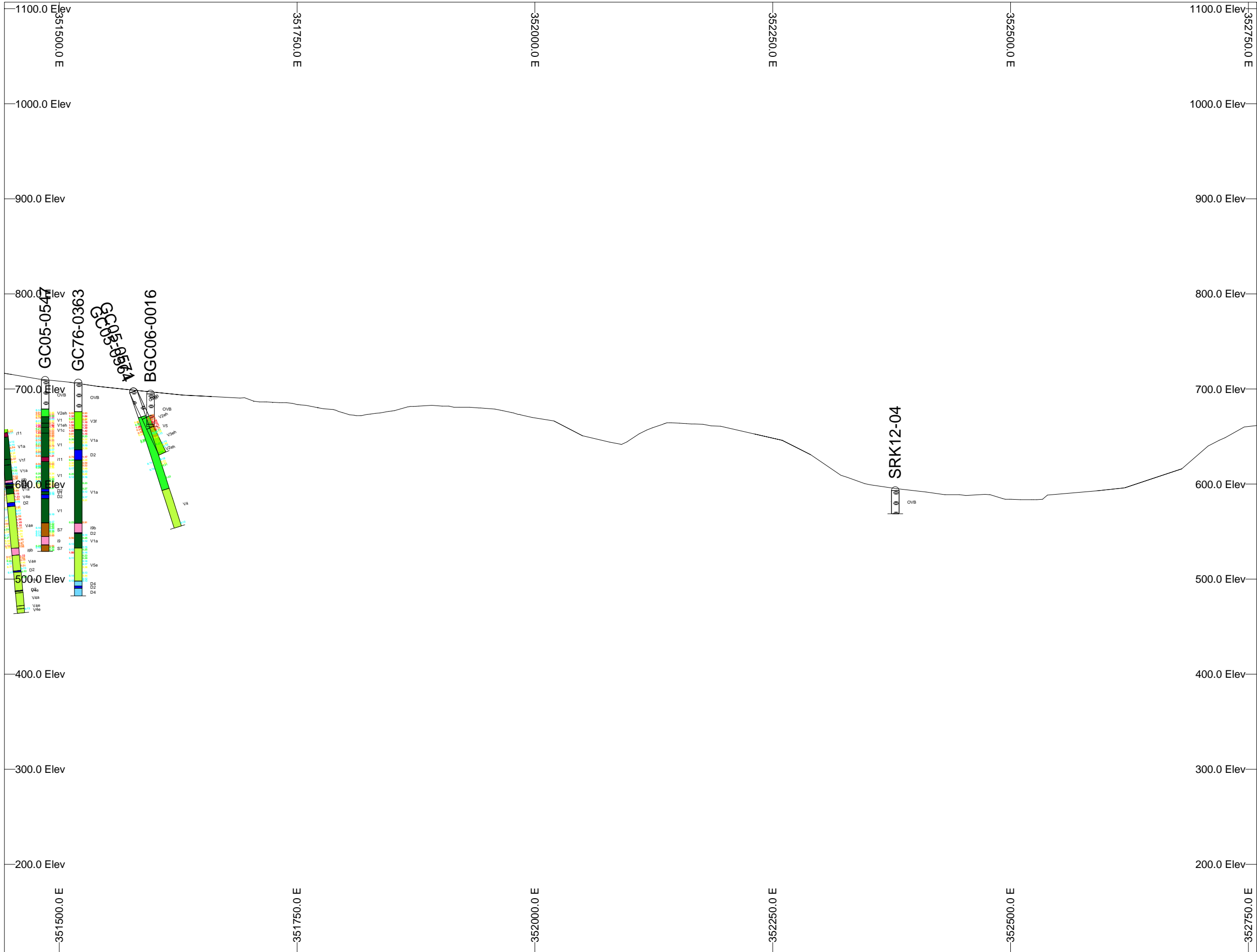
LEGENDS	
Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Dark Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Light Green]	Orthoclase-Bearing Volcanics (V3)
[Light Green]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Red]	Pseudoleucite Porphyry (i1 or i2)
[Red]	Grey Syenite Porphyry (i3)
[Red]	Copper Canyon Porphyry (CCPo or CCCp)
[Red]	Dark Orthoclase Syenite (i4)
[Red]	Orthoclase Syenite Megaporphyry (i9)
[Red]	Syenite (i6 or i8)
[Red]	Junction Porphyry (JP)
[Red]	West Fork Porphyry (WFP)
[Red]	Syenite Porphyry (i7 or i11)
[Red]	Plagioclase Syenite Porphyry (i10)
[Red]	Lavender Syenite Porphyry (i12)
[Red]	Breccia (B)
[Red]	Diatreme Breccia (B1)
[Red]	Hydrothermal Breccia (B2)
[Red]	Orthomagmatic Breccia (B3)
[Red]	Dike (D)
[Red]	Lamprophyre Dike (D1)
[Red]	Mafic Dike (D2)
[Red]	Intermediate Dike (D3)
[Red]	Felsic Dike (D4)
[Red]	Fault Zone (FZN)
[Red]	Overburden (OVB)

Left side of drill trace:		Right side of drill trace:	
Au ppm		Cu %	
[Cyan]	>0.1	[Cyan]	>0.1
[Green]	>0.2	[Green]	>0.2
[Yellow]	>0.3	[Yellow]	>0.3
[Orange]	>0.5	[Orange]	>0.5
[Red]	>1.0	[Red]	>1.0
[Pink]	>2.0	[Pink]	>2.0



Galore Creek Project		
Section 6335765N	DDH GC12-0875; GC12-0888	
Section width: 200m	Date: 14/05/13	Drawn by: S.H.



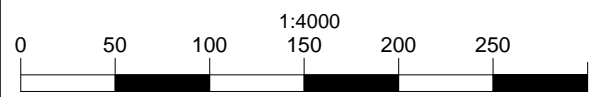


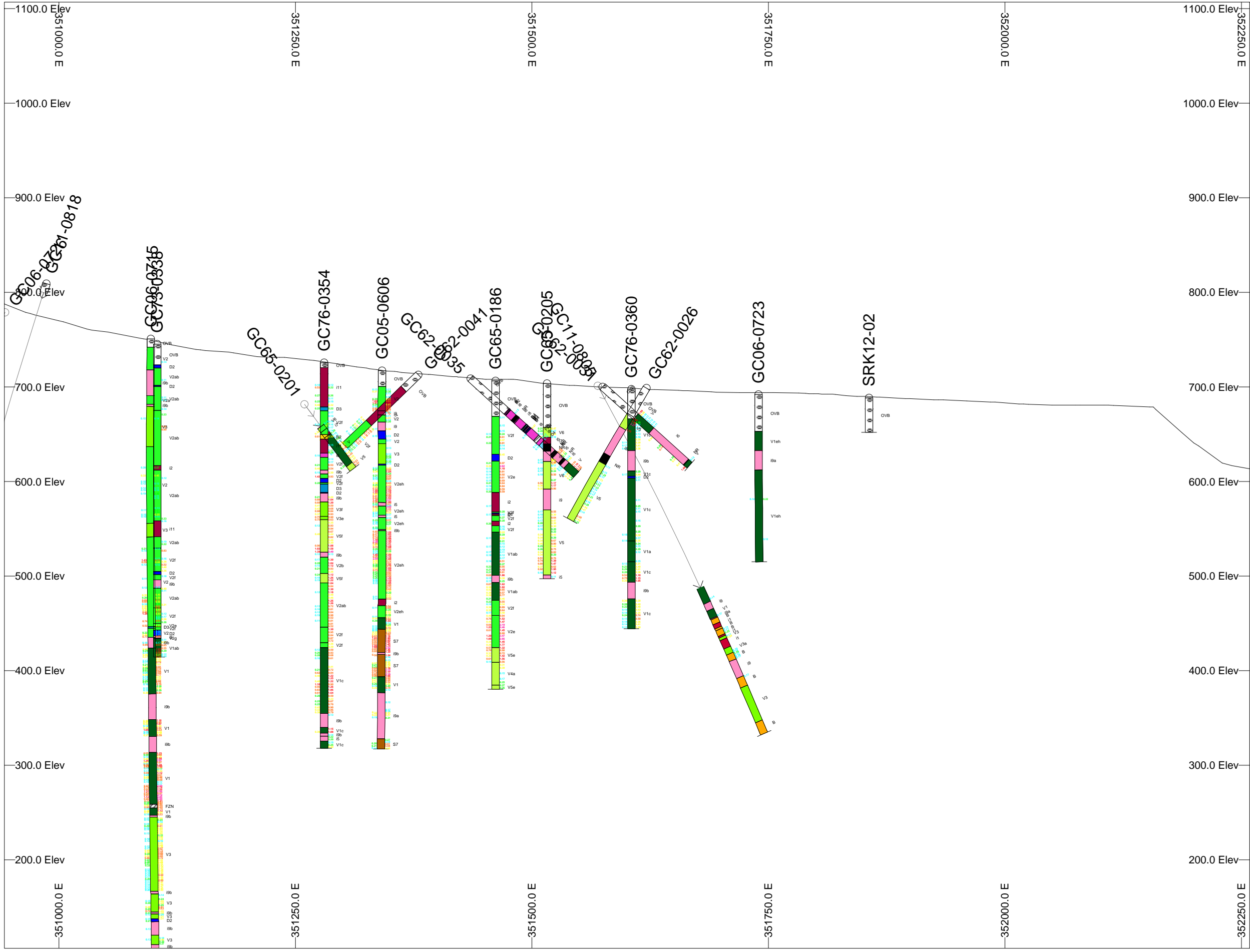
LEGENDS	
Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Medium Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Light Purple]	Orthoclase Syenite Megaporphyry (i9)
[Purple]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Red-Orange]	West Fork Porphyry (WFP)
[Dark Red-Orange]	Syenite Porphyry (i7 or i11)
[Orange]	Plagioclase Syenite Porphyry (i10)
[Light Orange]	Lavender Syenite Porphyry (i12)
[Yellow-Orange]	Breccia (B)
[Yellow]	Diatreme Breccia (B1)
[Light Yellow]	Hydrothermal Breccia (B2)
[Light Green-Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Medium Blue]	Lamprophyre Dike (D1)
[Light Blue]	Mafic Dike (D2)
[Light Cyan]	Intermediate Dike (D3)
[Light Blue-Cyan]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVB)

Left side of drill trace:		Right side of drill	
Au ppm		Cu %	
[Cyan]	>0.1	[Cyan]	>0.1
[Green]	>0.2	[Green]	>0.2
[Yellow]	>0.3	[Yellow]	>0.3
[Orange]	>0.5	[Orange]	>0.5
[Red]	>1.0	[Red]	>1.0
[Magenta]	>2.0	[Magenta]	>2.0



Galore Creek Project		
Section 6335700 N	OVB SRK12-04	
Section width: 50m	Date: 16/05/13	Drawn by: S. H.



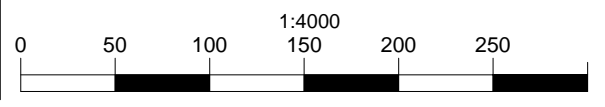


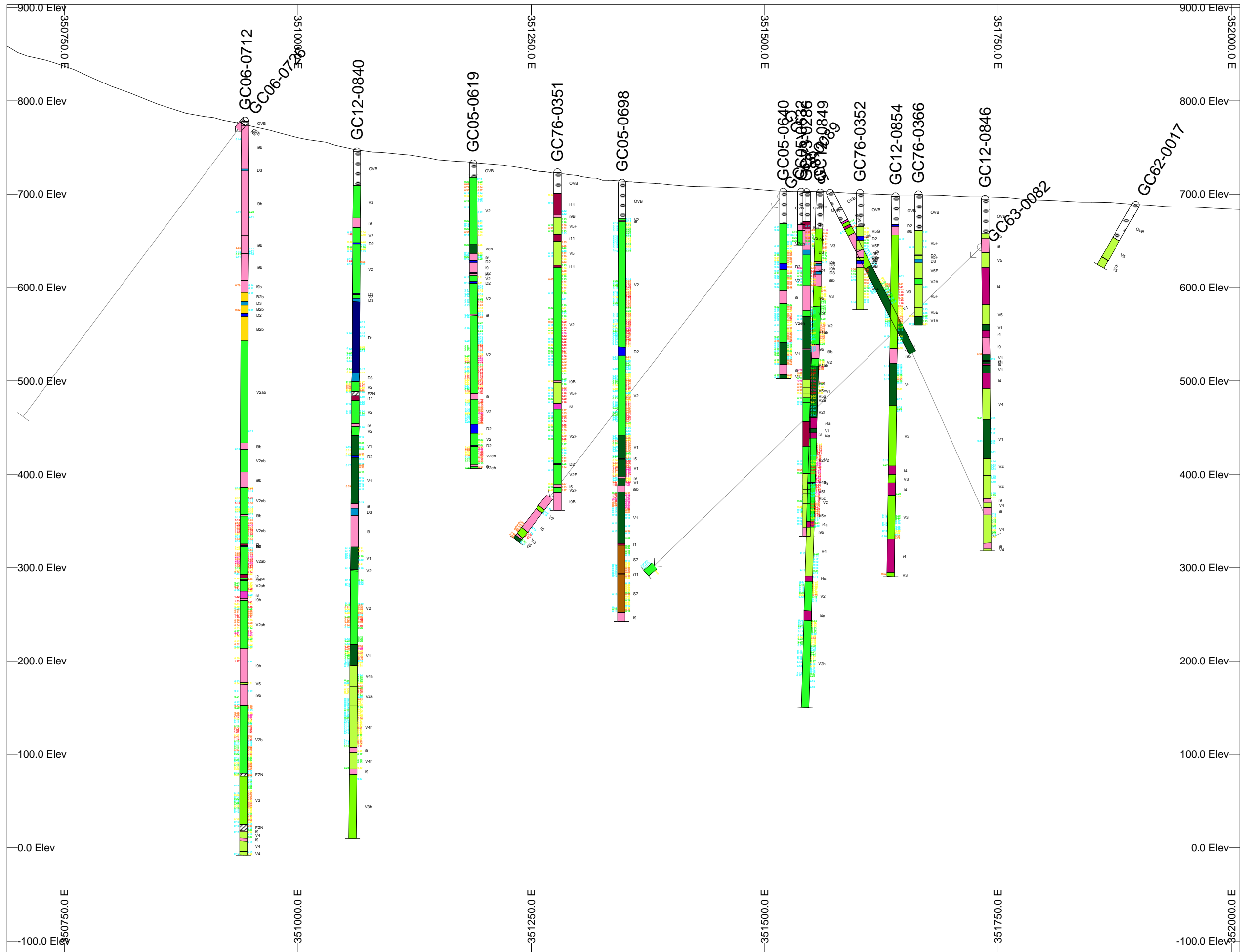
LEGENDS	
Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Light Green]	Augite-Bearing Volcanics (V1)
[Bright Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Lighter Pink]	Orthoclase Syenite Megaporphyry (i9)
[Orange-Pink]	Syenite (i6 or i8)
[Orange]	Junction Porphyry (JP)
[Light Orange]	West Fork Porphyry (WFP)
[Lighter Orange]	Syenite Porphyry (i7 or i11)
[Light Yellow-Orange]	Plagioclase Syenite Porphyry (i10)
[Yellow-Orange]	Lavender Syenite Porphyry (i12)
[Yellow]	Breccia (B)
[Light Yellow]	Diatreme Breccia (B1)
[Lighter Yellow]	Hydrothermal Breccia (B2)
[Lightest Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Medium Blue]	Lamprophyre Dike (D1)
[Light Blue]	Mafic Dike (D2)
[Lighter Blue]	Intermediate Dike (D3)
[Lightest Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVb)

Left side of drill trace:		Right side of drill	
Au ppm		Cu %	
[Cyan]	>0.1	[Cyan]	>0.1
[Green]	>0.2	[Green]	>0.2
[Yellow]	>0.3	[Yellow]	>0.3
[Orange]	>0.5	[Orange]	>0.5
[Red]	>1.0	[Red]	>1.0
[Magenta]	>2.0	[Magenta]	>2.0



Galore Creek Project		
Section 6335425 N	OVb SRK12-02	
Section width: 50m	Date: 16/05/13	Drawn by: S. H.





LEGENDS

Lithology	
[Color]	Sedimentary Rocks (S1 - S6)
[Color]	Volcanics - Undivided (V)
[Color]	Augite-Bearing Volcanics (V1)
[Color]	Pseudoleucite-Bearing Volcanics (V2)
[Color]	Orthoclase-Bearing Volcanics (V3)
[Color]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Color]	Intrusive - Undivided (i)
[Color]	Pseudoleucite Porphyry (i1 or i2)
[Color]	Grey Syenite Porphyry (i3)
[Color]	Copper Canyon Porphyry (CCPo or CCCp)
[Color]	Dark Orthoclase Syenite (i4)
[Color]	Orthoclase Syenite Megaporphyry (i9)
[Color]	Syenite (i6 or i8)
[Color]	Junction Porphyry (JP)
[Color]	West Fork Porphyry (WFP)
[Color]	Syenite Porphyry (i7 or i11)
[Color]	Plagioclase Syenite Porphyry (i10)
[Color]	Lavender Syenite Porphyry (i12)
[Color]	Breccia (B)
[Color]	Diatreme Breccia (B1)
[Color]	Hydrothermal Breccia (B2)
[Color]	Orthomagmatic Breccia (B3)
[Color]	Dike (D)
[Color]	Lamprophyre Dike (D1)
[Color]	Mafic Dike (D2)
[Color]	Intermediate Dike (D3)
[Color]	Felsic Dike (D4)
[Color]	Fault Zone (FZN)
[Color]	Overburden (OVB)

Left side of drill trace:

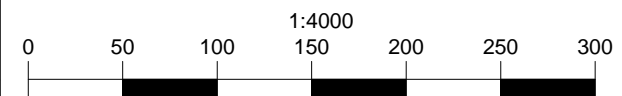
Au ppm	
[Color]	>0.1
[Color]	>0.2
[Color]	>0.3
[Color]	>0.5
[Color]	>1.0
[Color]	>2.0

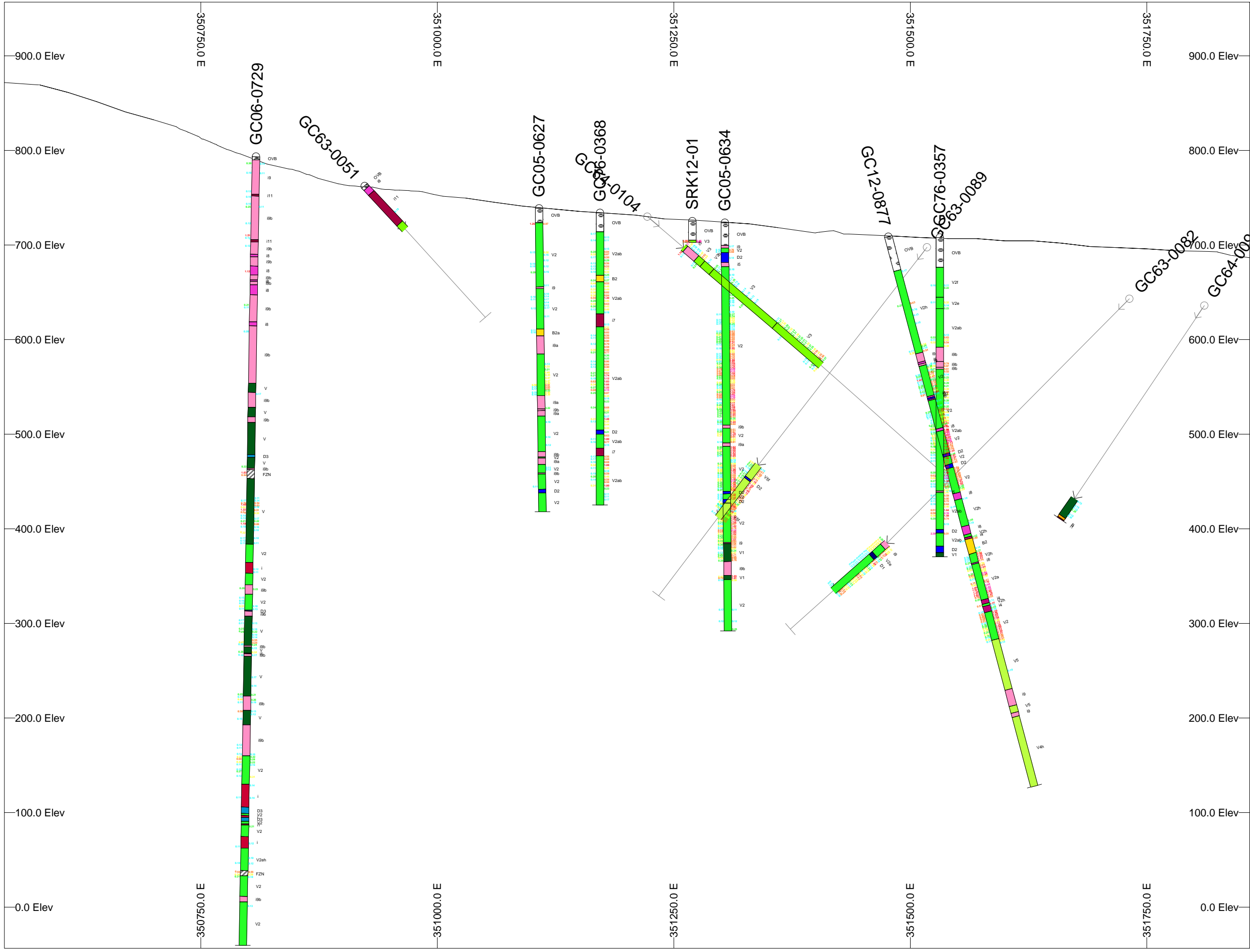
Right side of drill trace:

Cu %	
[Color]	>0.1
[Color]	>0.2
[Color]	>0.3
[Color]	>0.5
[Color]	>1.0
[Color]	>2.0



Galore Creek Project		
Section 6335350 N	DDH GC12-0840; GC12-0846; GC12-0849; GC12-0854	
Section width: 85m	Date: 05/13/13	Drawn by: S.H.



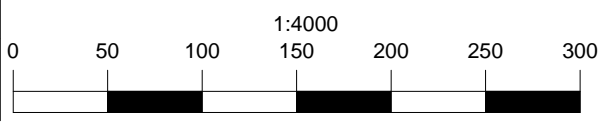


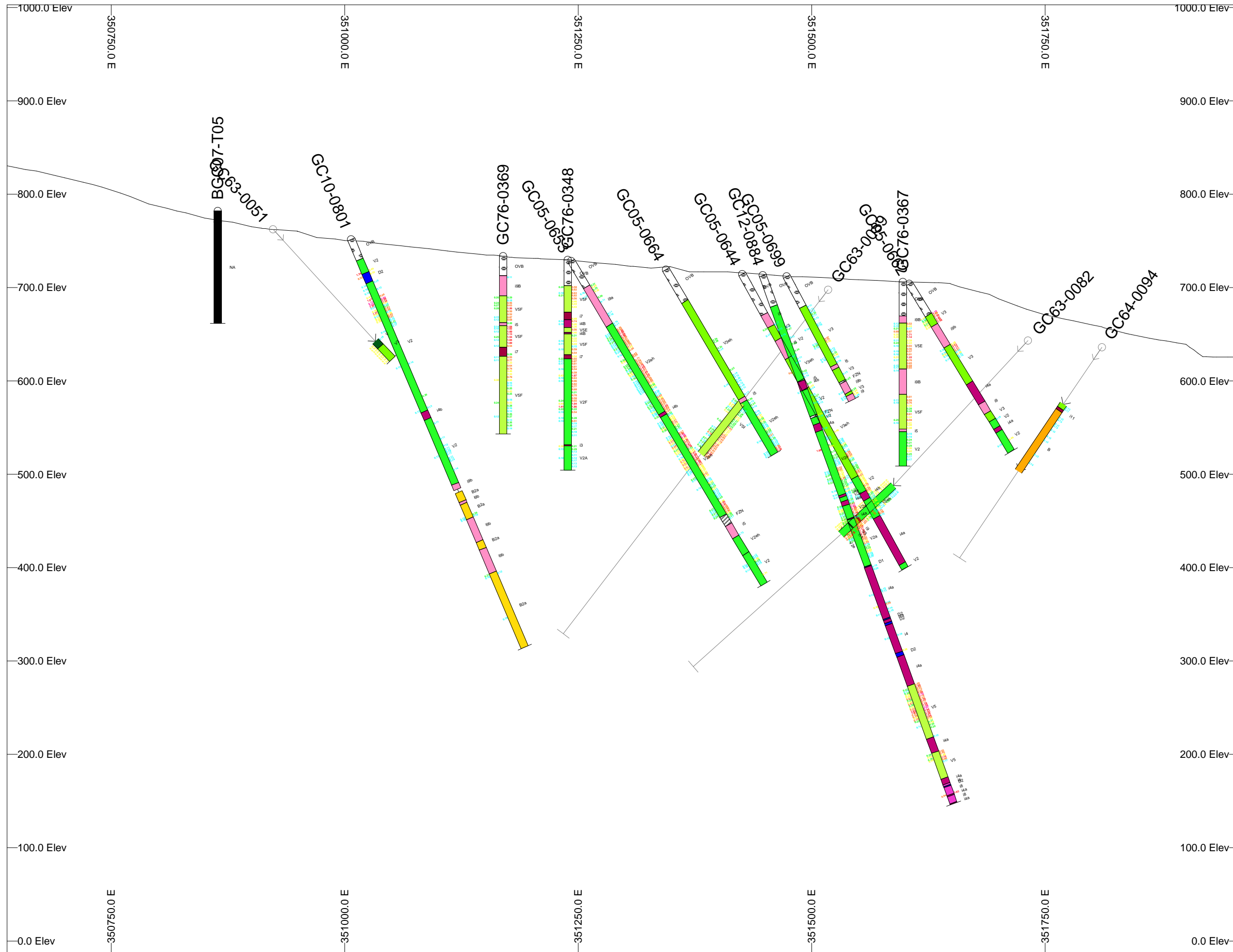
LEGENDS	
Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Medium Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Light Purple]	Orthoclase Syenite Megaporphyry (i9)
[Purple]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Orange]	West Fork Porphyry (WFP)
[Dark Orange]	Syenite Porphyry (i7 or i11)
[Light Orange]	Plagioclase Syenite Porphyry (i10)
[Yellow-Orange]	Lavender Syenite Porphyry (i12)
[Yellow]	Breccia (B)
[Light Yellow]	Diatreme Breccia (B1)
[Yellow-Green]	Hydrothermal Breccia (B2)
[Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Medium Blue]	Lamprophyre Dike (D1)
[Light Blue]	Mafic Dike (D2)
[Light Blue]	Intermediate Dike (D3)
[Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVb)

Left side of drill trace:		Right side of drill	
Au ppm		Cu %	
[Cyan]	>0.1	[Cyan]	>0.1
[Green]	>0.2	[Green]	>0.2
[Yellow]	>0.3	[Yellow]	>0.3
[Orange]	>0.5	[Orange]	>0.5
[Red]	>1.0	[Red]	>1.0
[Magenta]	>2.0	[Magenta]	>2.0



Galore Creek Project		
Section 6335250 N	DDH GC12-0877; OVb SRK12-01	
Section width: 50m	Date: 13/05/13	Drawn by: S. H.





LEGENDS

Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Light Green]	Augite-Bearing Volcanics (V1)
[Bright Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Maroon]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Magenta]	Dark Orthoclase Syenite (i4)
[Light Pink]	Orthoclase Syenite Megaporphyry (i9)
[Pink]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Orange]	West Fork Porphyry (WFP)
[Dark Orange]	Syenite Porphyry (i7 or i11)
[Light Orange]	Plagioclase Syenite Porphyry (i10)
[Yellow-Orange]	Lavender Syenite Porphyry (i12)
[Orange]	Breccia (B)
[Yellow-Orange]	Diatreme Breccia (B1)
[Yellow]	Hydrothermal Breccia (B2)
[Light Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Dark Blue]	Lamprophyre Dike (D1)
[Blue]	Mafic Dike (D2)
[Light Blue]	Intermediate Dike (D3)
[Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVB)

Left side of drill trace:

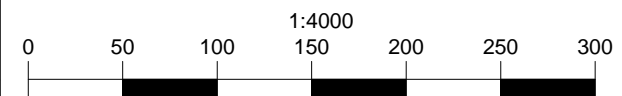
Au ppm	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0

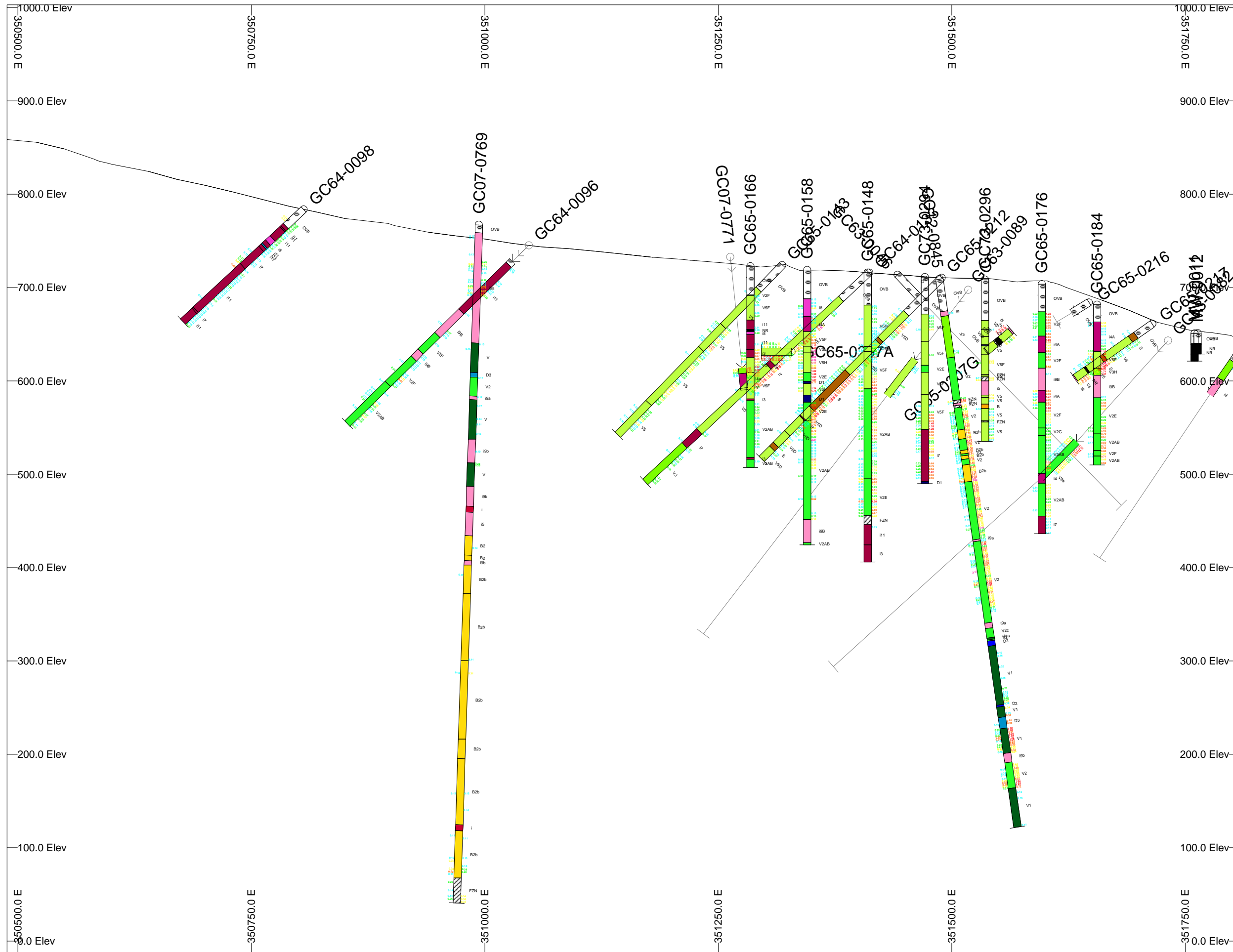
Right side of drill trace:

Cu %	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0



Galore Creek Project		
Section 6335150 N	DDH GC12-0884	
Section width: 50m	Date: 13/05/13	Drawn by: S.H.





LEGENDS

Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Light Green]	Augite-Bearing Volcanics (V1)
[Bright Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Maroon]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Magenta]	Dark Orthoclase Syenite (i4)
[Light Pink]	Orthoclase Syenite Megaporphyry (i9)
[Light Purple]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Orange]	West Fork Porphyry (WFP)
[Dark Orange]	Syenite Porphyry (i7 or i11)
[Light Orange]	Plagioclase Syenite Porphyry (i10)
[Yellow-Orange]	Lavender Syenite Porphyry (i12)
[Yellow]	Breccia (B)
[Light Yellow]	Diatreme Breccia (B1)
[Lighter Yellow]	Hydrothermal Breccia (B2)
[Yellow-Green]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Medium Blue]	Lamprophyre Dike (D1)
[Light Blue]	Mafic Dike (D2)
[Lighter Blue]	Intermediate Dike (D3)
[Very Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVB)

Left side of drill trace:

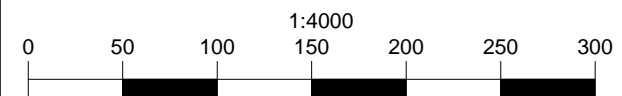
Au ppm	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0

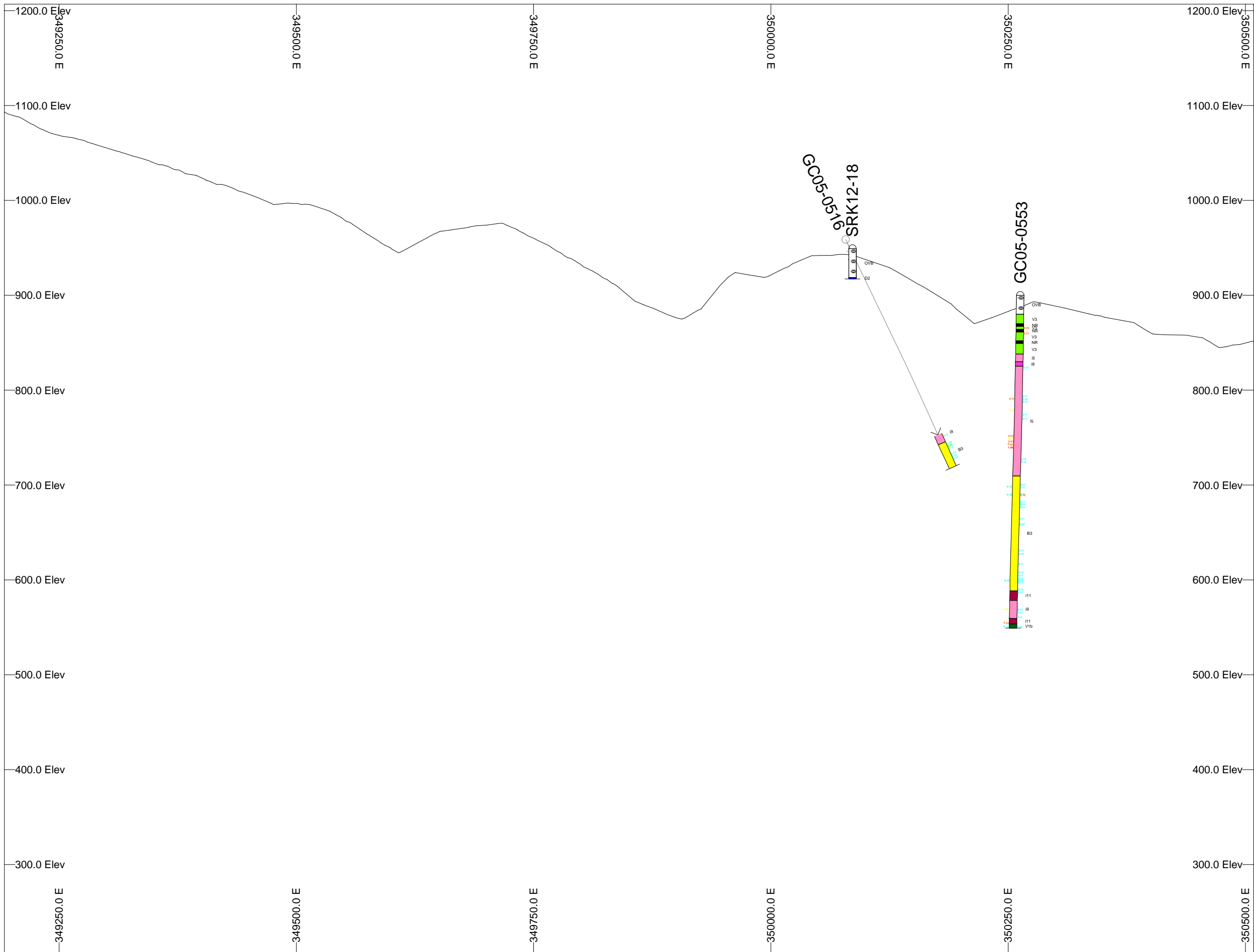
Right side of drill trace:

Cu %	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0



Galore Creek Project		
Section 6335100 N	DDH GC12-0845	
Section width: 35m	Date: 13/05/13	Drawn by: S.H.





LEGENDS

Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Medium Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Lighter Pink]	Orthoclase Syenite Megaporphyry (i9)
[Magenta]	Syenite (i6 or i8)
[Red-Orange]	Junction Porphyry (JP)
[Orange-Red]	West Fork Porphyry (WFP)
[Orange]	Syenite Porphyry (i7 or i11)
[Light Orange]	Plagioclase Syenite Porphyry (i10)
[Yellow-Orange]	Lavender Syenite Porphyry (i12)
[Yellow]	Breccia (B)
[Light Yellow]	Diatreme Breccia (B1)
[Yellow-Green]	Hydrothermal Breccia (B2)
[Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Dark Blue]	Lamprophyre Dike (D1)
[Blue]	Mafic Dike (D2)
[Light Blue]	Intermediate Dike (D3)
[Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVb)

Left side of drill trace:

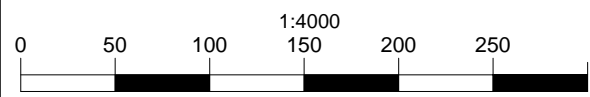
Au ppm	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0

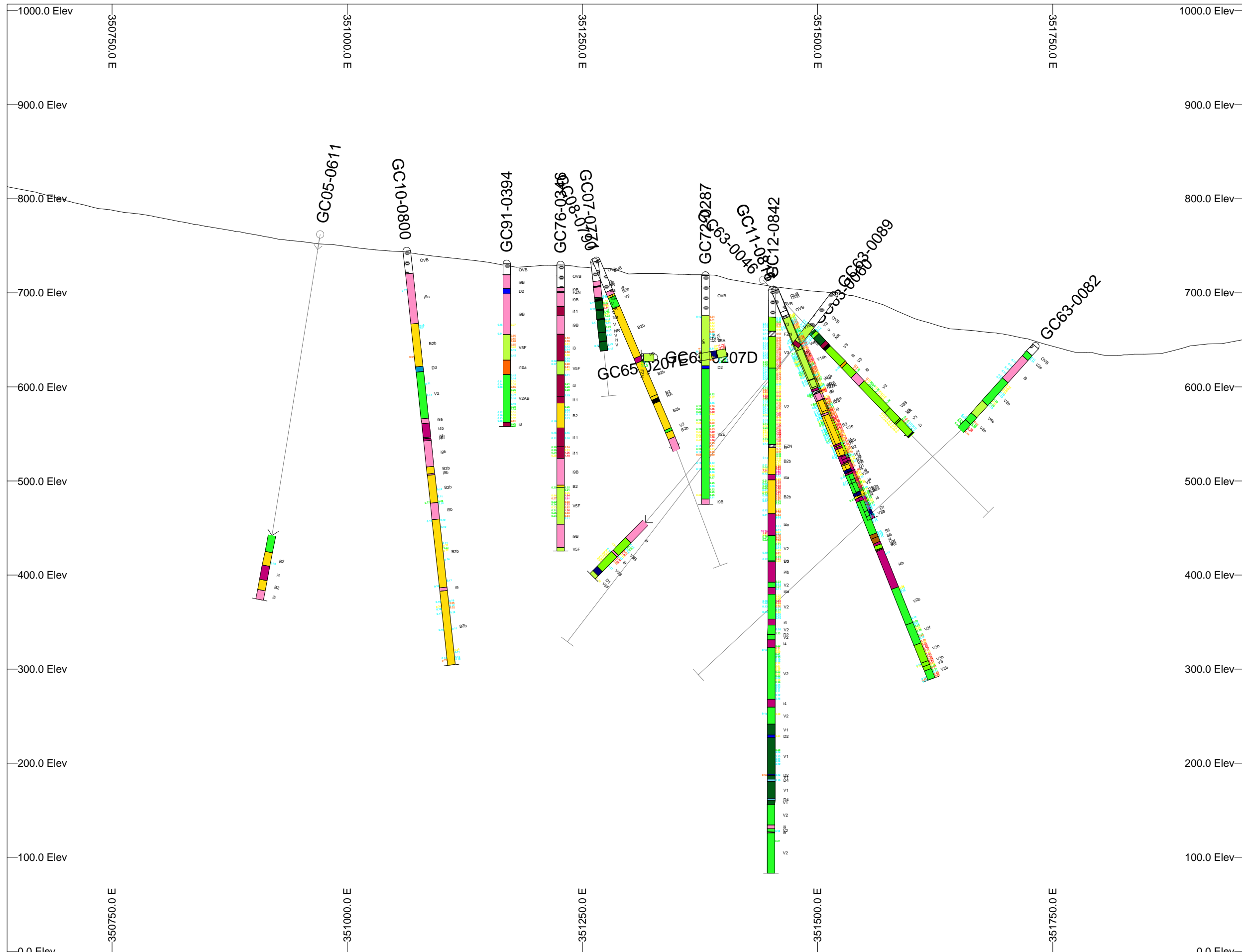
Right side of drill

Cu %	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0



Galore Creek Project		
Section 6335075 N	OVb SRK12-18	
Section width: 50m	Date: 16/05/13	Drawn by: S. H.



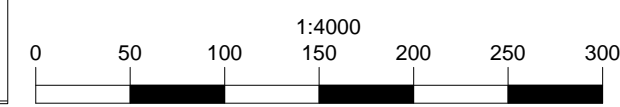


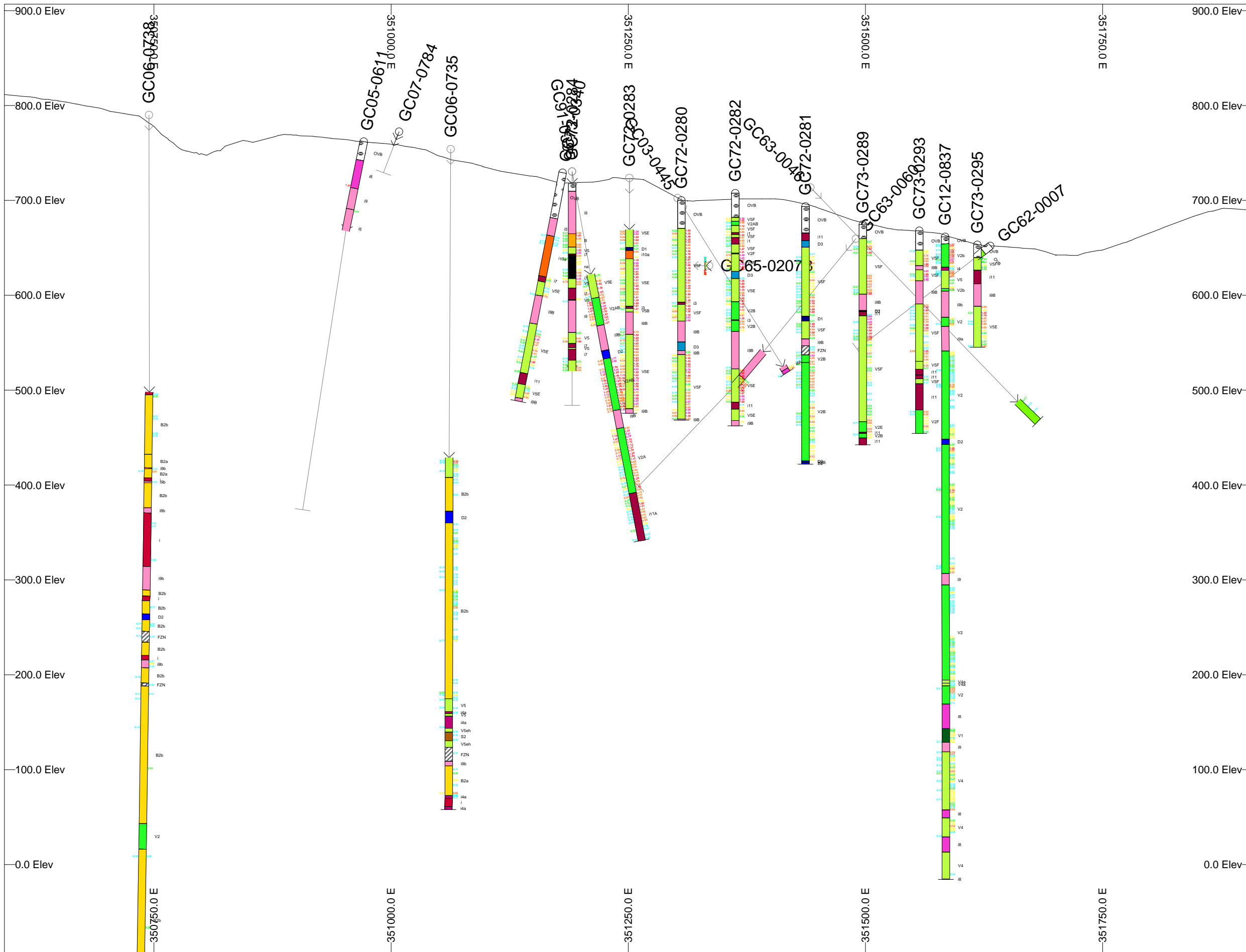
LEGENDS	
Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Dark Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Light Green]	Orthoclase-Bearing Volcanics (V3)
[Light Green]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Red]	Pseudoleucite Porphyry (i1 or i2)
[Red]	Grey Syenite Porphyry (i3)
[Red]	Copper Canyon Porphyry (CCPo or CCCp)
[Red]	Dark Orthoclase Syenite (i4)
[Red]	Orthoclase Syenite Megaporphyry (i9)
[Red]	Syenite (i6 or i8)
[Red]	Junction Porphyry (JP)
[Red]	West Fork Porphyry (WFP)
[Red]	Syenite Porphyry (i7 or i11)
[Red]	Plagioclase Syenite Porphyry (i10)
[Red]	Lavender Syenite Porphyry (i12)
[Red]	Breccia (B)
[Red]	Diatreme Breccia (B1)
[Red]	Hydrothermal Breccia (B2)
[Red]	Orthomagmatic Breccia (B3)
[Red]	Dike (D)
[Red]	Lamprophyre Dike (D1)
[Red]	Mafic Dike (D2)
[Red]	Intermediate Dike (D3)
[Red]	Felsic Dike (D4)
[Red]	Fault Zone (FZN)
[Red]	Overburden (OVb)

Left side of drill trace:		Right side of drill	
Au ppm		Cu %	
[Cyan]	>0.1	[Cyan]	>0.1
[Green]	>0.2	[Green]	>0.2
[Yellow]	>0.3	[Yellow]	>0.3
[Orange]	>0.5	[Orange]	>0.5
[Red]	>1.0	[Red]	>1.0
[Magenta]	>2.0	[Magenta]	>2.0



Galore Creek Project		
Section 6335025 N	DDH GC12-0842	
Section width: 80m	Date: 13/05/13	Drawn by: S.H.



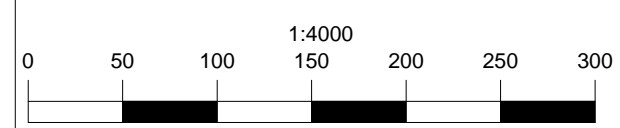


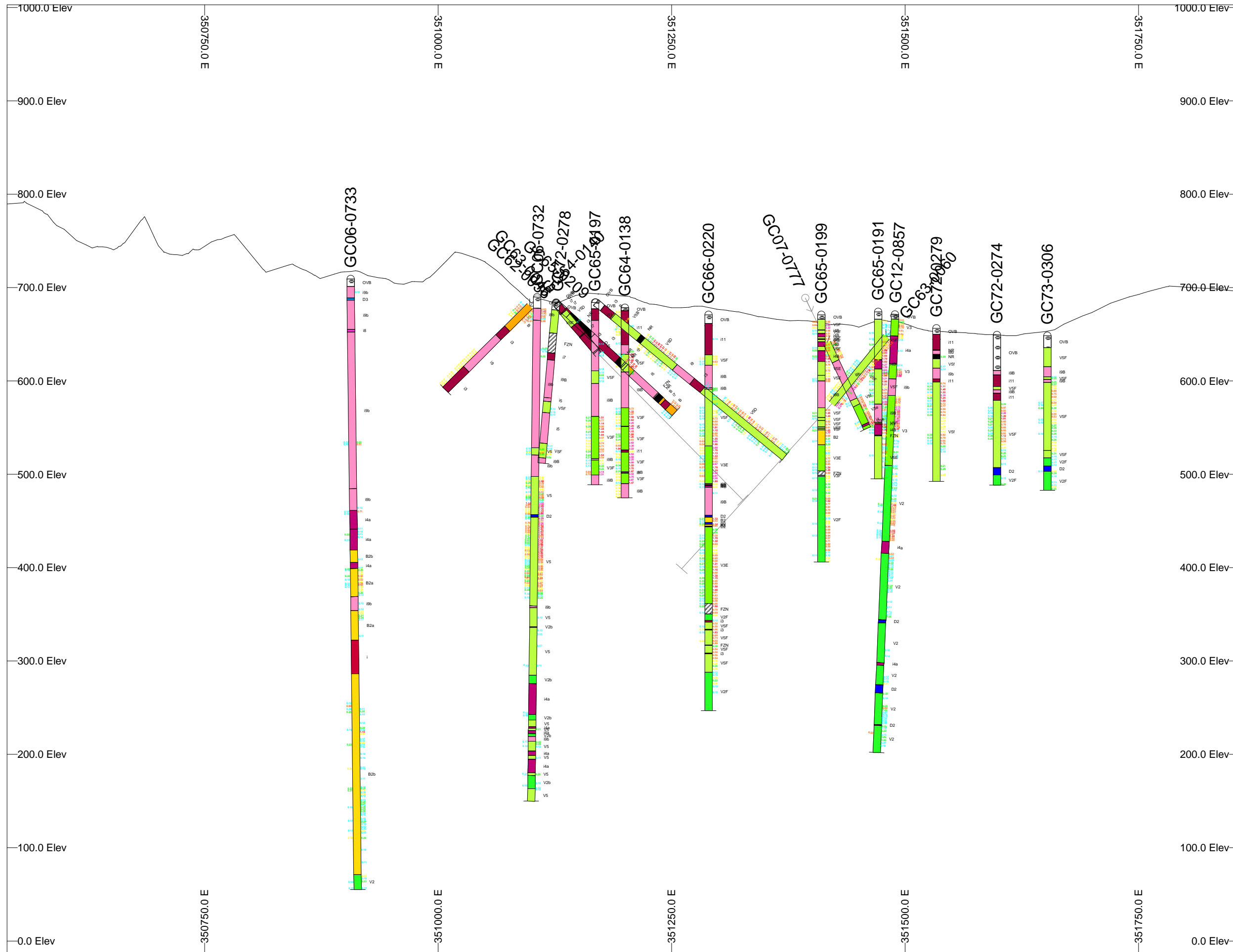
Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Light Green]	Augite-Bearing Volcanics (V1)
[Bright Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Light Purple]	Orthoclase Syenite Megaporphyry (i9)
[Purple]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Orange]	West Fork Porphyry (WFP)
[Dark Orange]	Syenite Porphyry (i7 or i11)
[Light Orange]	Plagioclase Syenite Porphyry (i10)
[Yellow-Orange]	Lavender Syenite Porphyry (i12)
[Yellow]	Breccia (B)
[Light Yellow]	Diatreme Breccia (B1)
[Lighter Yellow]	Hydrothermal Breccia (B2)
[Yellow-Green]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Medium Blue]	Lamprophyre Dike (D1)
[Light Blue]	Mafic Dike (D2)
[Lighter Blue]	Intermediate Dike (D3)
[Very Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVB)

Left side of drill trace:		Right side of drill	
Au ppm		Cu %	
[Cyan]	>0.1	[Cyan]	>0.1
[Green]	>0.2	[Green]	>0.2
[Yellow]	>0.3	[Yellow]	>0.3
[Orange]	>0.5	[Orange]	>0.5
[Red]	>1.0	[Red]	>1.0
[Magenta]	>2.0	[Magenta]	>2.0



Galore Creek Project		
Section 6334925 N	DDH GC12-0837	
Section width: 30m	Date: 13/05/13	Drawn by: S. H.





LEGENDS

Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Light Green]	Augite-Bearing Volcanics (V1)
[Yellow-Green]	Pseudoleucite-Bearing Volcanics (V2)
[Light Yellow]	Orthoclase-Bearing Volcanics (V3)
[Light Green]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Dark Red]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Magenta]	Dark Orthoclase Syenite (i4)
[Light Pink]	Orthoclase Syenite Megaporphyry (i9)
[Magenta]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Orange-Red]	West Fork Porphyry (WFP)
[Dark Red]	Syenite Porphyry (i7 or i11)
[Orange]	Plagioclase Syenite Porphyry (i10)
[Orange]	Lavender Syenite Porphyry (i12)
[Yellow-Orange]	Breccia (B)
[Yellow-Orange]	Diatreme Breccia (B1)
[Yellow]	Hydrothermal Breccia (B2)
[Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Dark Blue]	Lamprophyre Dike (D1)
[Blue]	Mafic Dike (D2)
[Light Blue]	Intermediate Dike (D3)
[Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVB)

Left side of drill trace:

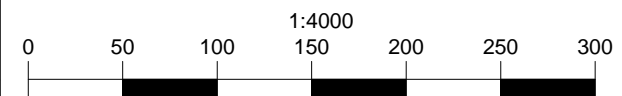
Au ppm	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0

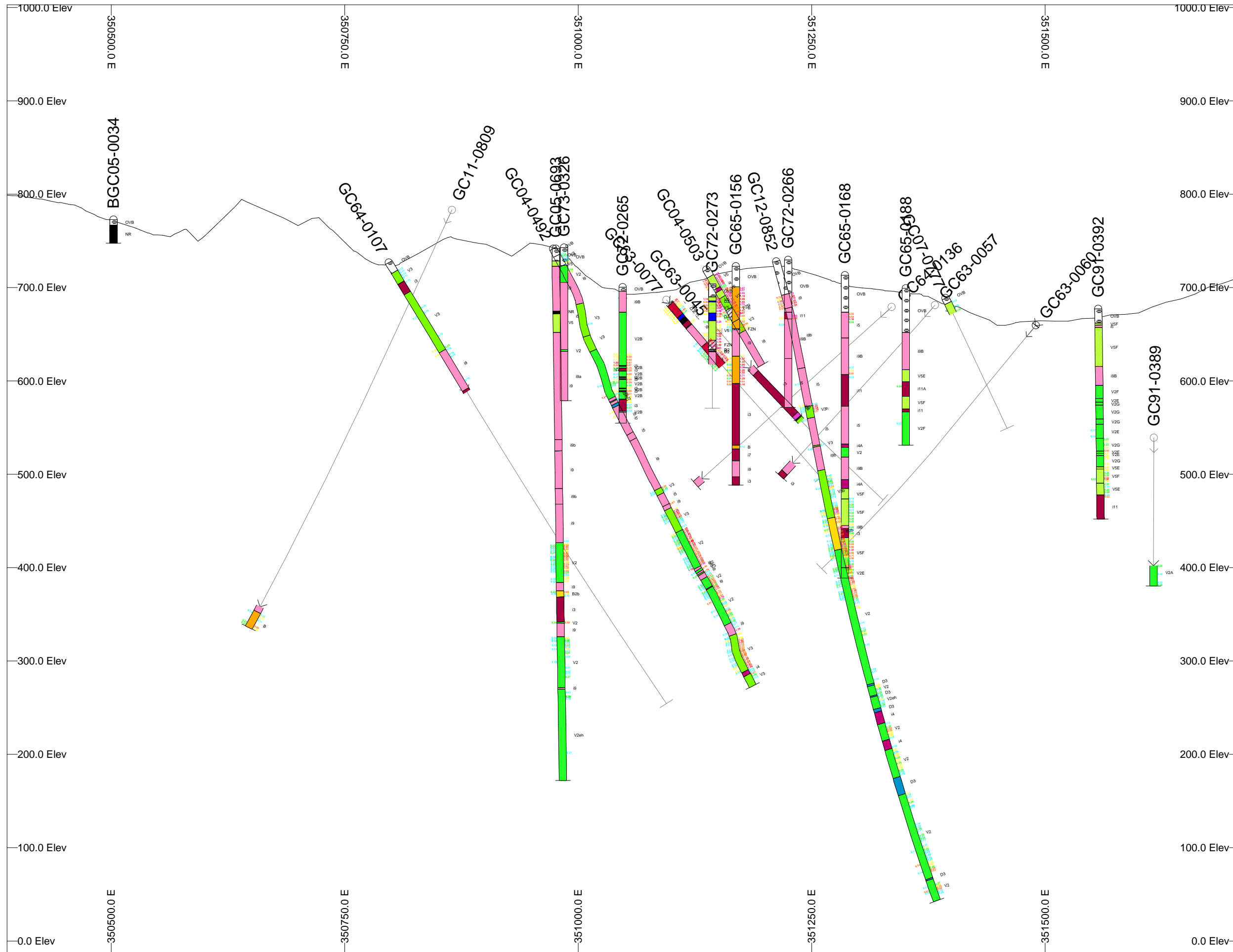
Right side of drill trace:

Cu %	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0



Galore Creek Project		
Section 6334850 N	DDH GC12-0857	
Section width: 60m	Date: 13/05/13	Drawn by: S.H.





LEGENDS

Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Dark Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Light Green]	Orthoclase-Bearing Volcanics (V3)
[Light Green]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Red]	Pseudoleucite Porphyry (i1 or i2)
[Red]	Grey Syenite Porphyry (i3)
[Red]	Copper Canyon Porphyry (CCPo or CCCp)
[Red]	Dark Orthoclase Syenite (i4)
[Red]	Orthoclase Syenite Megaporphyry (i9)
[Red]	Syenite (i6 or i8)
[Red]	Junction Porphyry (JP)
[Red]	West Fork Porphyry (WFP)
[Red]	Syenite Porphyry (i7 or i11)
[Red]	Plagioclase Syenite Porphyry (i10)
[Red]	Lavender Syenite Porphyry (i12)
[Orange]	Breccia (B)
[Orange]	Diatreme Breccia (B1)
[Orange]	Hydrothermal Breccia (B2)
[Orange]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Dark Blue]	Lamprophyre Dike (D1)
[Dark Blue]	Mafic Dike (D2)
[Dark Blue]	Intermediate Dike (D3)
[Dark Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVB)

Left side of drill trace:

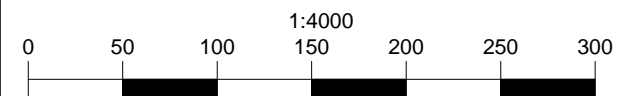
Au ppm	
[Light Blue]	>0.1
[Light Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Pink]	>2.0

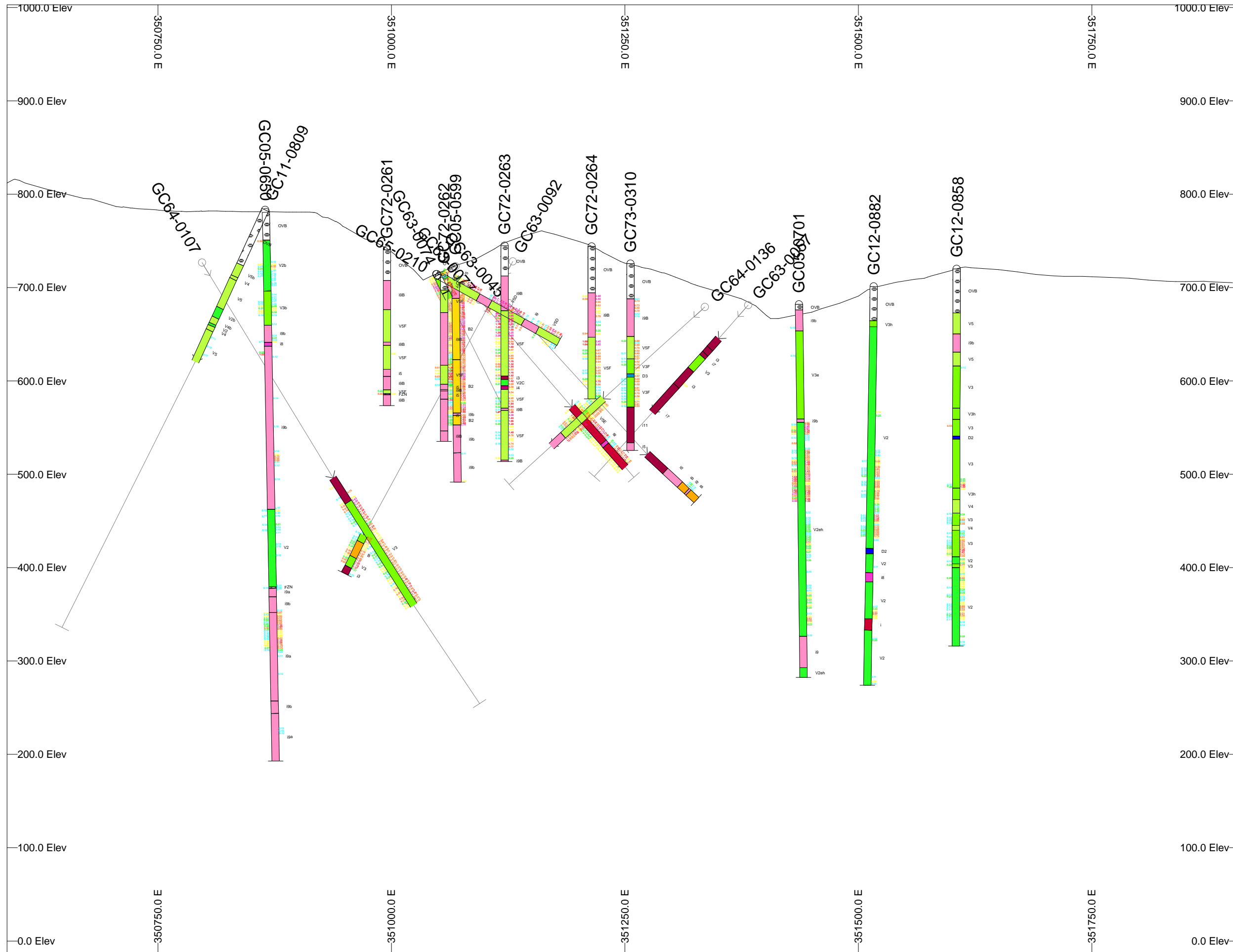
Right side of drill trace:

Cu %	
[Light Blue]	>0.1
[Light Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Pink]	>2.0



Galore Creek Project		
Section 6334785 N	DDH GC12-0852	
Section width: 50m	Date: 16/05/13	Drawn by: S.H.





LEGENDS

Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Light Green]	Augite-Bearing Volcanics (V1)
[Yellow-Green]	Pseudoleucite-Bearing Volcanics (V2)
[Light Yellow]	Orthoclase-Bearing Volcanics (V3)
[Light Green]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Maroon]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Magenta]	Dark Orthoclase Syenite (i4)
[Light Pink]	Orthoclase Syenite Megaporphyry (i9)
[Pink]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Red-Orange]	West Fork Porphyry (WFP)
[Dark Red]	Syenite Porphyry (i7 or i11)
[Orange]	Plagioclase Syenite Porphyry (i10)
[Light Orange]	Lavender Syenite Porphyry (i12)
[Yellow-Orange]	Breccia (B)
[Yellow]	Diatreme Breccia (B1)
[Light Yellow]	Hydrothermal Breccia (B2)
[Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Dark Blue]	Lamprophyre Dike (D1)
[Blue]	Mafic Dike (D2)
[Light Blue]	Intermediate Dike (D3)
[Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVB)

Left side of drill trace:

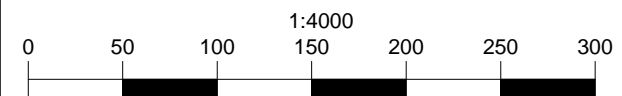
Au ppm	
[Light Blue]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0

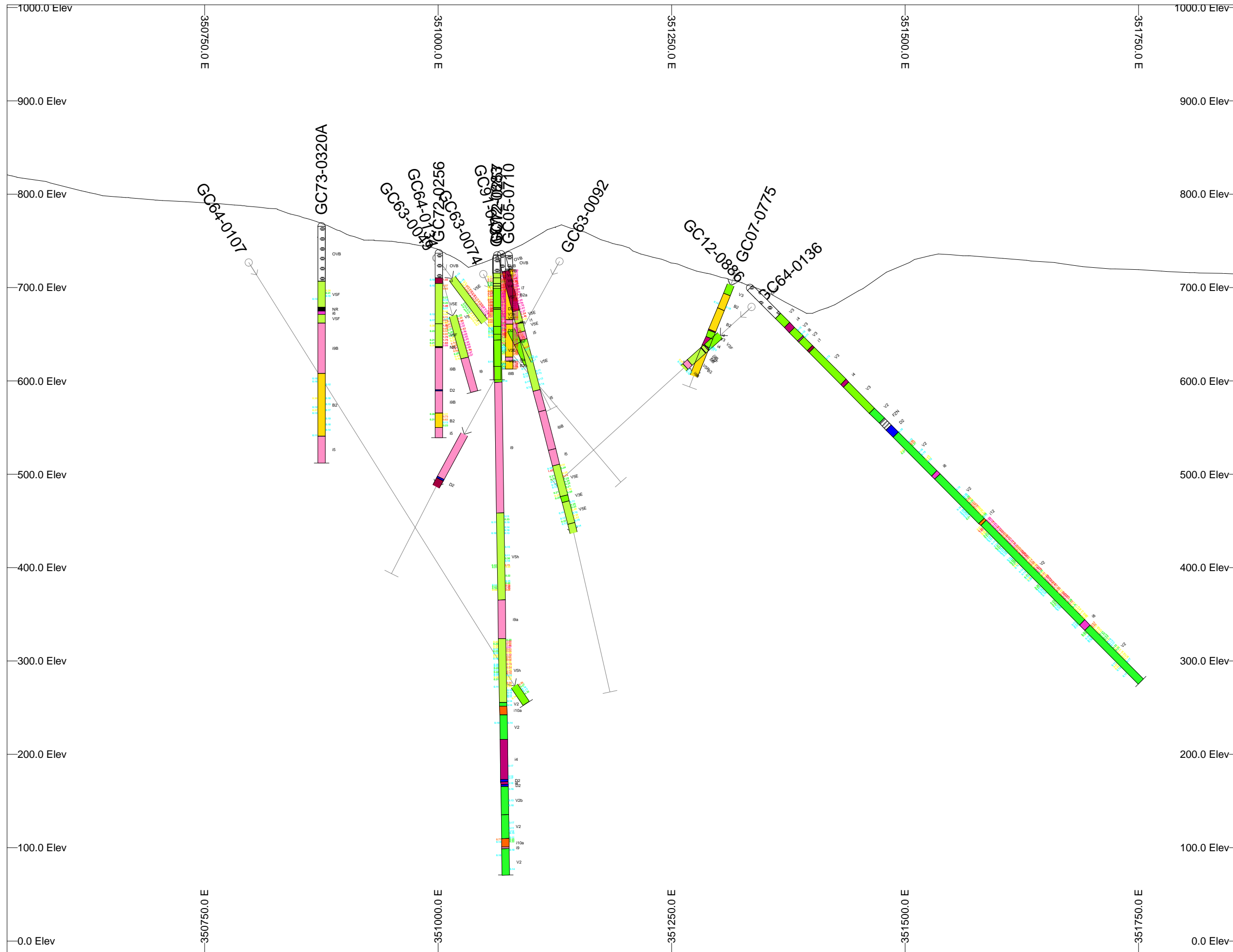
Right side of drill trace:

Cu %	
[Light Blue]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0



Galore Creek Project		
Section 6334700 N	DDH GC12-0858; GC12-0882	
Section width: 50m	Date: 13/05/13	Drawn by: S.H.





LEGENDS

Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Light Purple]	Orthoclase Syenite Megaporphyry (i9)
[Purple]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Red-Orange]	West Fork Porphyry (WFP)
[Orange]	Syenite Porphyry (i7 or i11)
[Light Orange]	Plagioclase Syenite Porphyry (i10)
[Yellow-Orange]	Lavender Syenite Porphyry (i12)
[Yellow]	Breccia (B)
[Light Yellow]	Diatreme Breccia (B1)
[Light Green-Yellow]	Hydrothermal Breccia (B2)
[Yellow-Green]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Blue]	Lamprophyre Dike (D1)
[Light Blue]	Mafic Dike (D2)
[Light Blue]	Intermediate Dike (D3)
[Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVB)

Left side of drill trace:

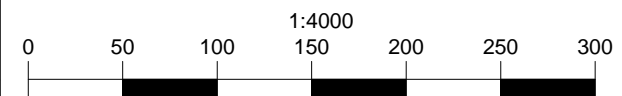
Au ppm	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0

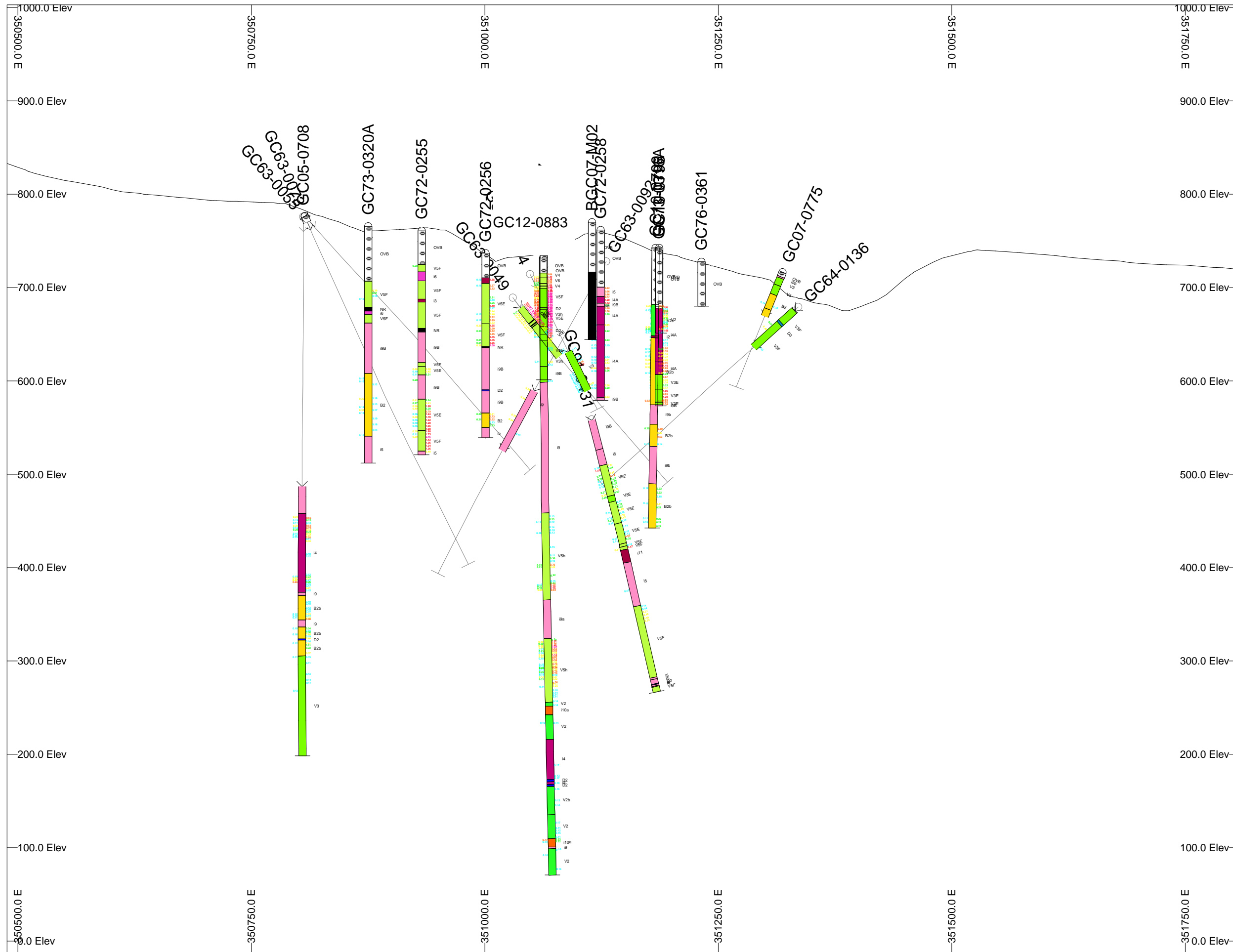
Right side of drill trace:

Cu %	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0



Galore Creek Project		
Section 6334625 N	DDH GC12-0886	
Section width: 35m	Date: 13/05/13	Drawn by: S.H.





LEGENDS

Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Light Green]	Augite-Bearing Volcanics (V1)
[Bright Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Lighter Pink]	Orthoclase Syenite Megaporphyry (i9)
[Lighter Pink]	Syenite (i6 or i8)
[Lighter Pink]	Junction Porphyry (JP)
[Lighter Pink]	West Fork Porphyry (WFP)
[Lighter Pink]	Syenite Porphyry (i7 or i11)
[Lighter Pink]	Plagioclase Syenite Porphyry (i10)
[Lighter Pink]	Lavender Syenite Porphyry (i12)
[Lighter Pink]	Breccia (B)
[Lighter Pink]	Diatreme Breccia (B1)
[Lighter Pink]	Hydrothermal Breccia (B2)
[Lighter Pink]	Orthomagmatic Breccia (B3)
[Lighter Pink]	Dike (D)
[Lighter Pink]	Lamprophyre Dike (D1)
[Lighter Pink]	Mafic Dike (D2)
[Lighter Pink]	Intermediate Dike (D3)
[Lighter Pink]	Felsic Dike (D4)
[Lighter Pink]	Fault Zone (FZN)
[Lighter Pink]	Overburden (OVB)

Left side of drill trace:

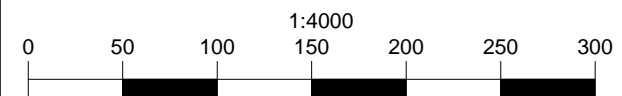
Au ppm	
[Light Blue]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0

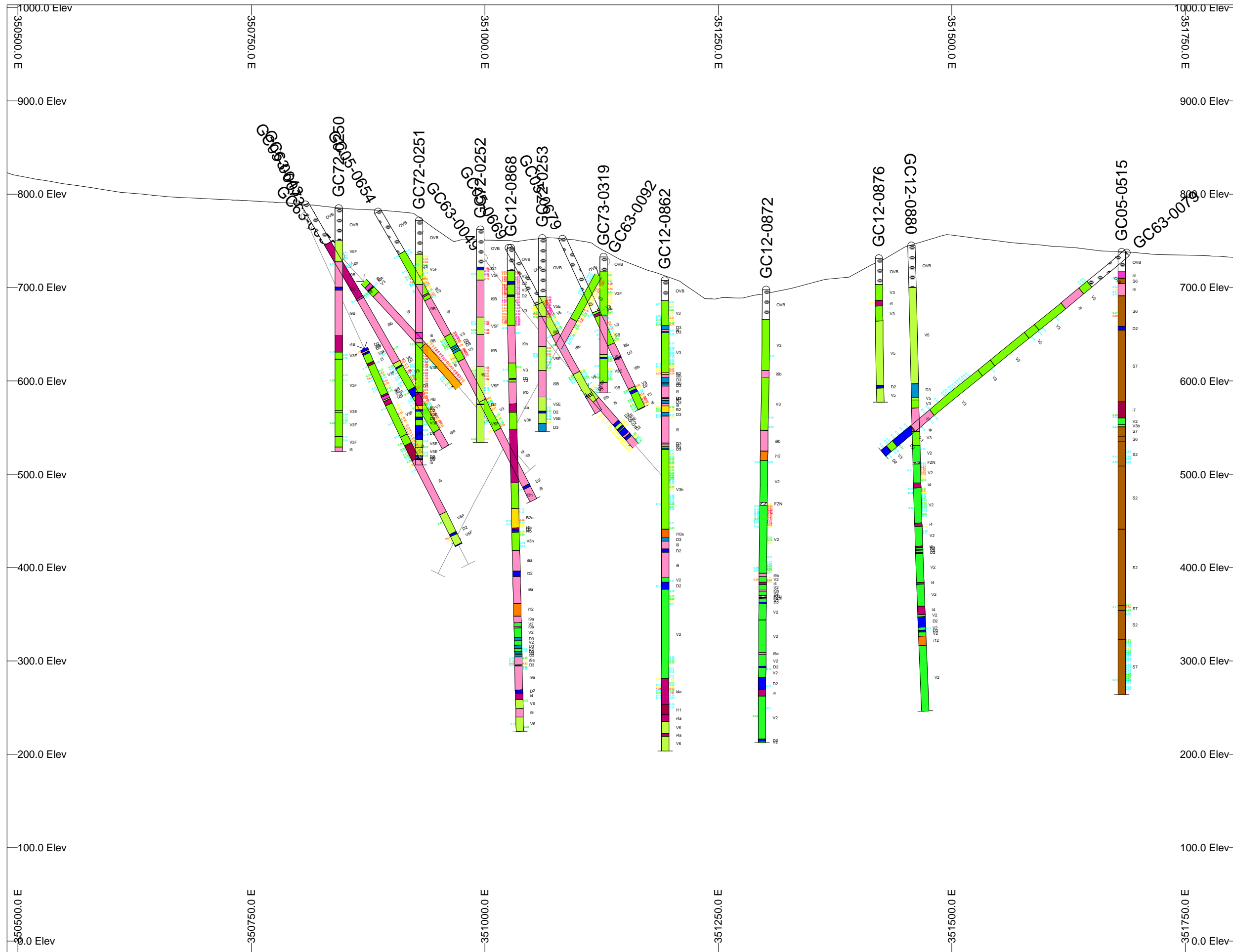
Right side of drill trace:

Cu %	
[Light Blue]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0



Galore Creek Project		
Section 6334600 N	DDH GC12-0883	
Section width: 40m	Date: 14/05/13	Drawn by: S.H.





LEGENDS

Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Light Green]	Augite-Bearing Volcanics (V1)
[Bright Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Lighter Pink]	Orthoclase Syenite Megaporphyry (i9)
[Light Purple]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Orange]	West Fork Porphyry (WFP)
[Dark Orange]	Syenite Porphyry (i7 or i11)
[Light Orange]	Plagioclase Syenite Porphyry (i10)
[Yellow-Orange]	Lavender Syenite Porphyry (i12)
[Yellow]	Breccia (B)
[Light Yellow]	Diatreme Breccia (B1)
[Lighter Yellow]	Hydrothermal Breccia (B2)
[Lightest Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Dark Blue-Black]	Lamprophyre Dike (D1)
[Blue-Black]	Mafic Dike (D2)
[Blue]	Intermediate Dike (D3)
[Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVB)

Left side of drill trace:

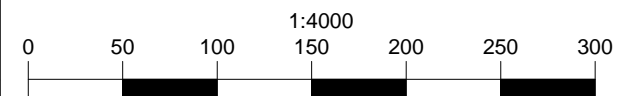
Au ppm	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0

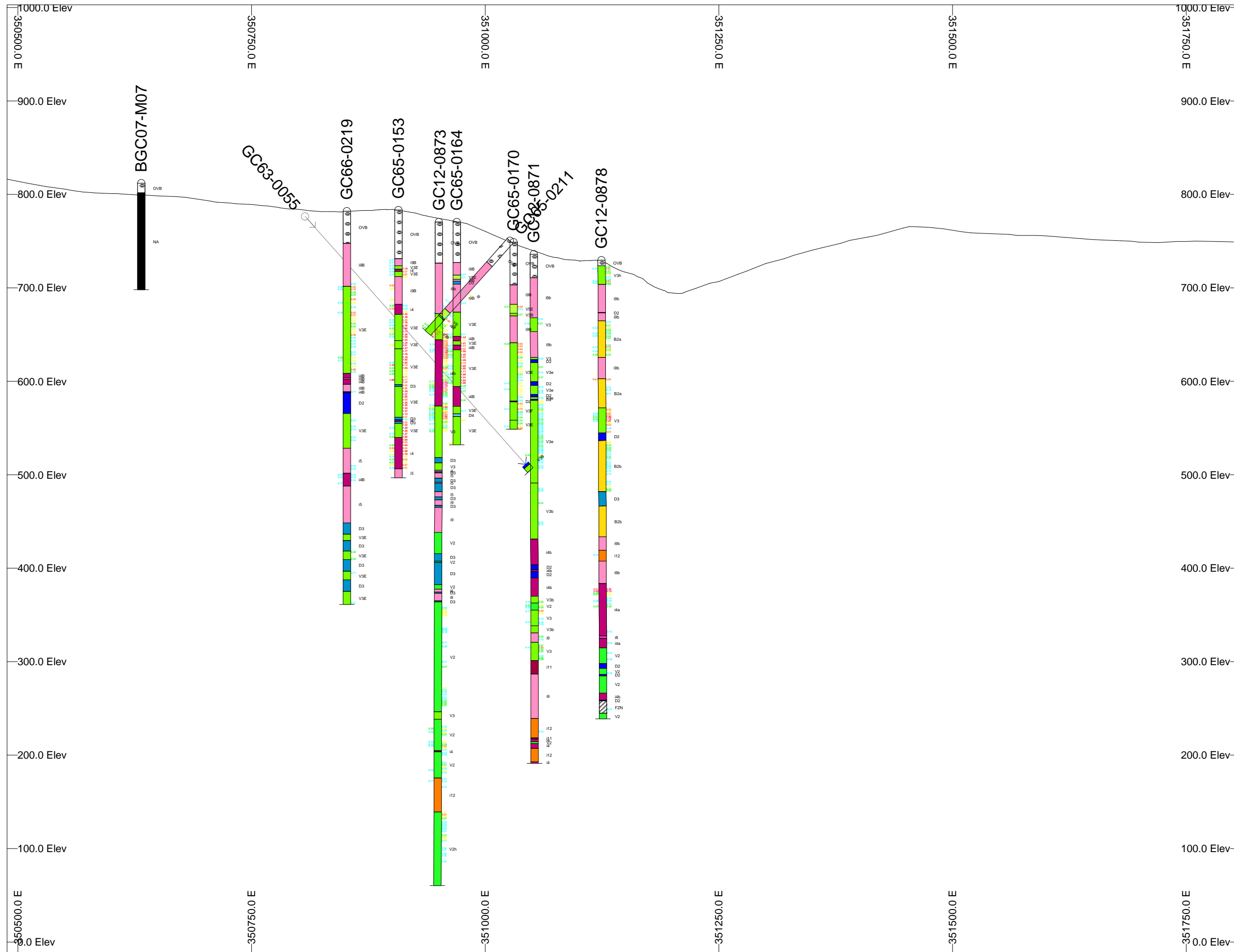
Right side of drill trace:

Cu %	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0



Galore Creek Project		
Section 6334525 N	DDH GC12-0862; GC12-0868; GC12-0872; GC12-0876; GC12-0880	
Section width: 50m	Date: 14/05/13	Drawn by: S.H.



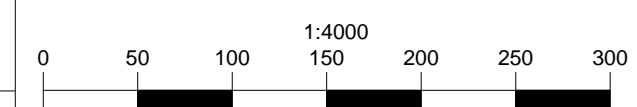


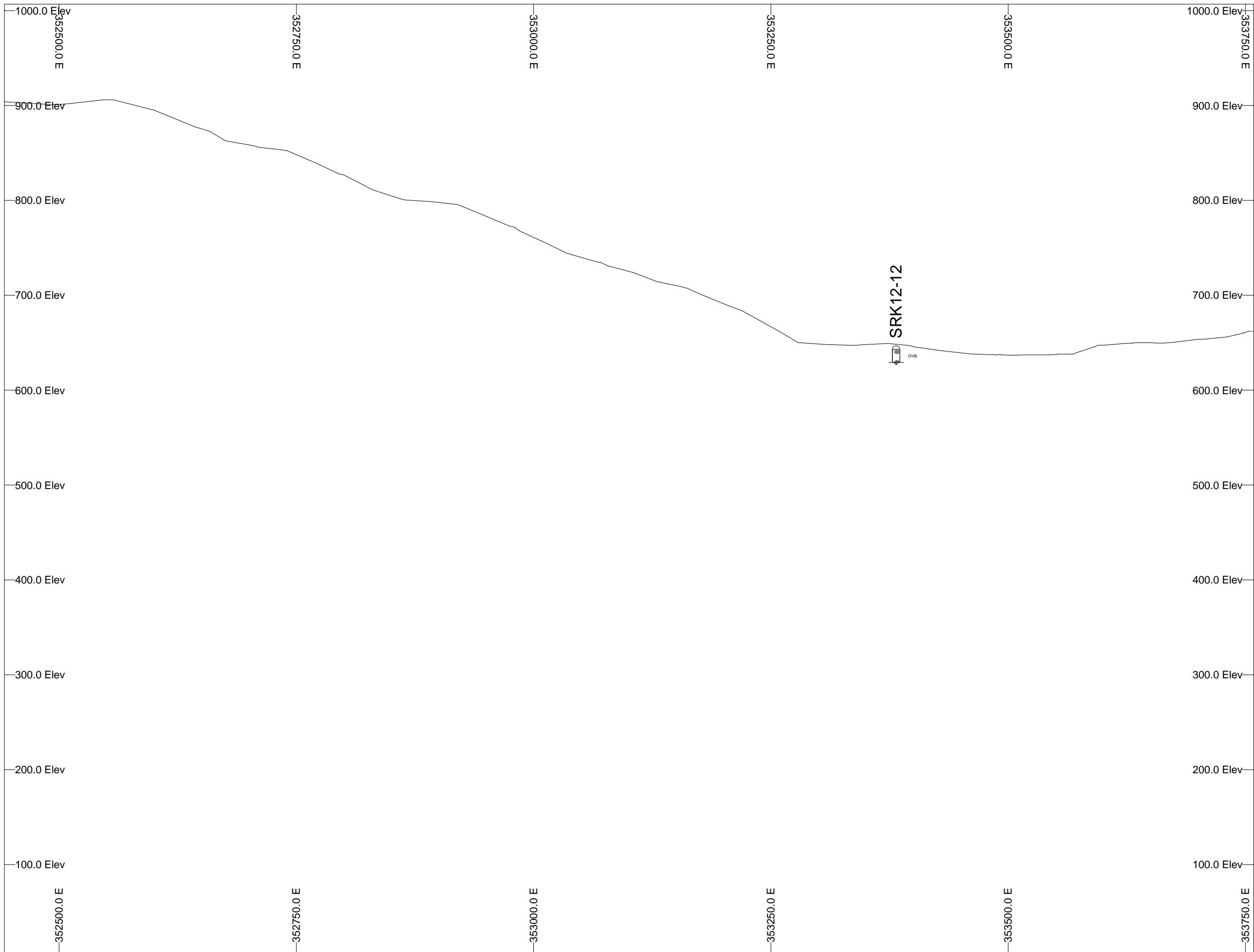
LEGENDS	
Lithology	
	Sedimentary Rocks (S1 - S6)
	Volcanics - Undivided (V)
	Augite-Bearing Volcanics (V1)
	Pseudoleucite-Bearing Volcanics (V2)
	Orthoclase-Bearing Volcanics (V3)
	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
	Intrusive - Undivided (i)
	Pseudoleucite Porphyry (i1 or i2)
	Grey Syenite Porphyry (i3)
	Copper Canyon Porphyry (CCPo or CCCp)
	Dark Orthoclase Syenite (i4)
	Orthoclase Syenite Megaporphyry (i9)
	Syenite (i6 or i8)
	Junction Porphyry (JP)
	West Fork Porphyry (WFP)
	Syenite Porphyry (i7 or i11)
	Plagioclase Syenite Porphyry (i10)
	Lavender Syenite Porphyry (i12)
	Breccia (B)
	Diatreme Breccia (B1)
	Hydrothermal Breccia (B2)
	Orthomagmatic Breccia (B3)
	Dike (D)
	Lamprophyre Dike (D1)
	Mafic Dike (D2)
	Intermediate Dike (D3)
	Felsic Dike (D4)
	Fault Zone (FZN)
	Overburden (OVB)

Left side of drill trace:		Right side of drill trace:	
Au ppm		Cu %	
	>0.1		>0.1
	>0.2		>0.2
	>0.3		>0.3
	>0.5		>0.5
	>1.0		>1.0
	>2.0		>2.0



Galore Creek Project		
Section 6334450 N	DDH GC12-0871; GC12-0873; GC12-0878	
Section width: 30m	Date: 13/05/13	Drawn by: S.H.





LEGENDS

Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Lighter Pink]	Orthoclase Syenite Megaporphyry (i9)
[Light Purple]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Red-Orange]	West Fork Porphyry (WFP)
[Dark Red-Orange]	Syenite Porphyry (i7 or i11)
[Orange]	Plagioclase Syenite Porphyry (i10)
[Light Orange]	Lavender Syenite Porphyry (i12)
[Yellow-Orange]	Breccia (B)
[Yellow]	Diatreme Breccia (B1)
[Light Yellow]	Hydrothermal Breccia (B2)
[Lightest Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Medium Blue]	Lamprophyre Dike (D1)
[Light Blue]	Mafic Dike (D2)
[Lightest Blue]	Intermediate Dike (D3)
[Very Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVB)

Left side of drill trace:

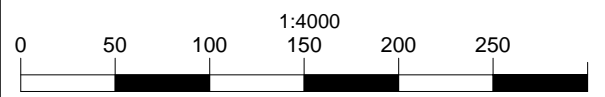
Au ppm	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0

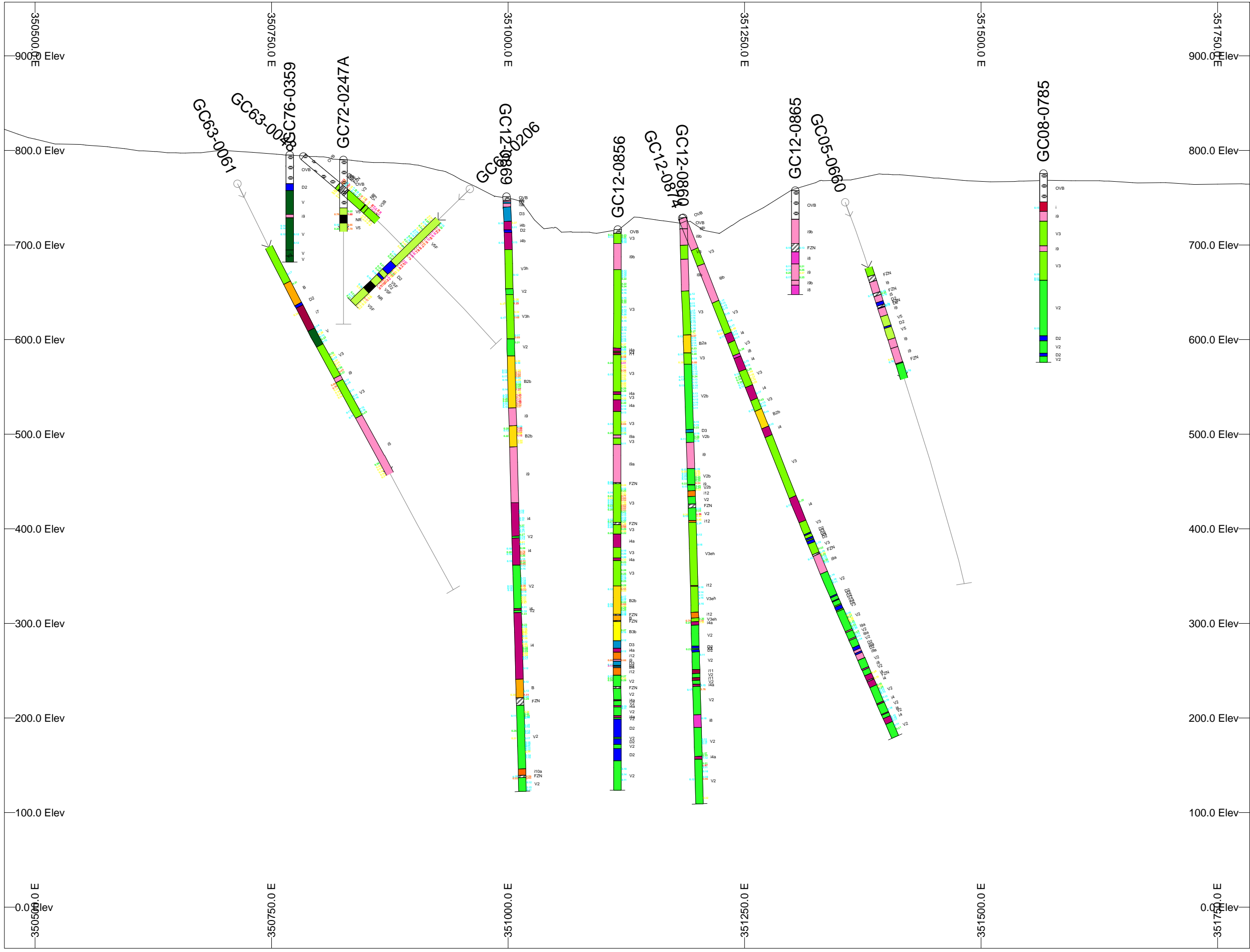
Right side of drill

Cu %	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0



Galore Creek Project		
Section 6334375 N	OVB SRK12-12	
Section width: 50m	Date: 16/05/13	Drawn by: S. H.



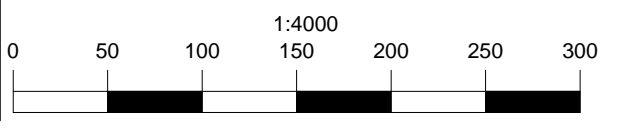


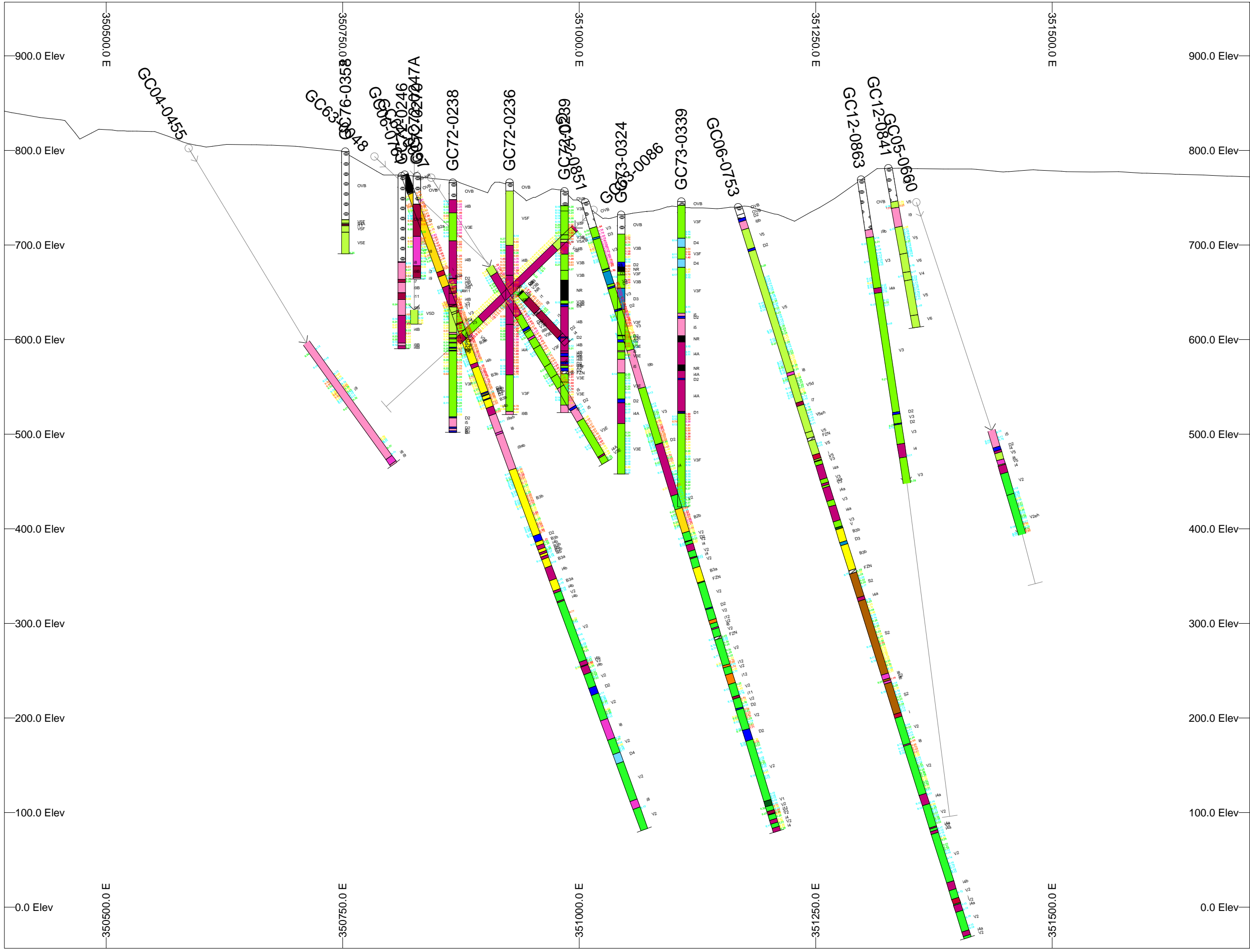
LEGENDS	
Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Medium Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Lighter Pink]	Orthoclase Syenite Megaporphyry (i9)
[Light Purple]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Orange]	West Fork Porphyry (WFP)
[Dark Orange]	Syenite Porphyry (i7 or i11)
[Light Orange]	Plagioclase Syenite Porphyry (i10)
[Yellow-Orange]	Lavender Syenite Porphyry (i12)
[Yellow]	Breccia (B)
[Light Yellow]	Diatreme Breccia (B1)
[Yellow]	Hydrothermal Breccia (B2)
[Light Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Dark Blue]	Lamprophyre Dike (D1)
[Blue]	Mafic Dike (D2)
[Light Blue]	Intermediate Dike (D3)
[Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVb)

Left side of drill trace:		Right side of drill	
Au ppm	Cu %		
[Cyan]	[Cyan]	>0.1	>0.1
[Green]	[Green]	>0.2	>0.2
[Yellow]	[Yellow]	>0.3	>0.3
[Orange]	[Orange]	>0.5	>0.5
[Red]	[Red]	>1.0	>1.0
[Magenta]	[Magenta]	>2.0	>2.0



Galore Creek Project		
Section 6334375 N	DDH GC12-0856; GC12-0860; GC12-0865; GC12-0869; GC12-0874	
Section width: 50m	Date: 14/05/13	Drawn by: S. H.





LEGENDS

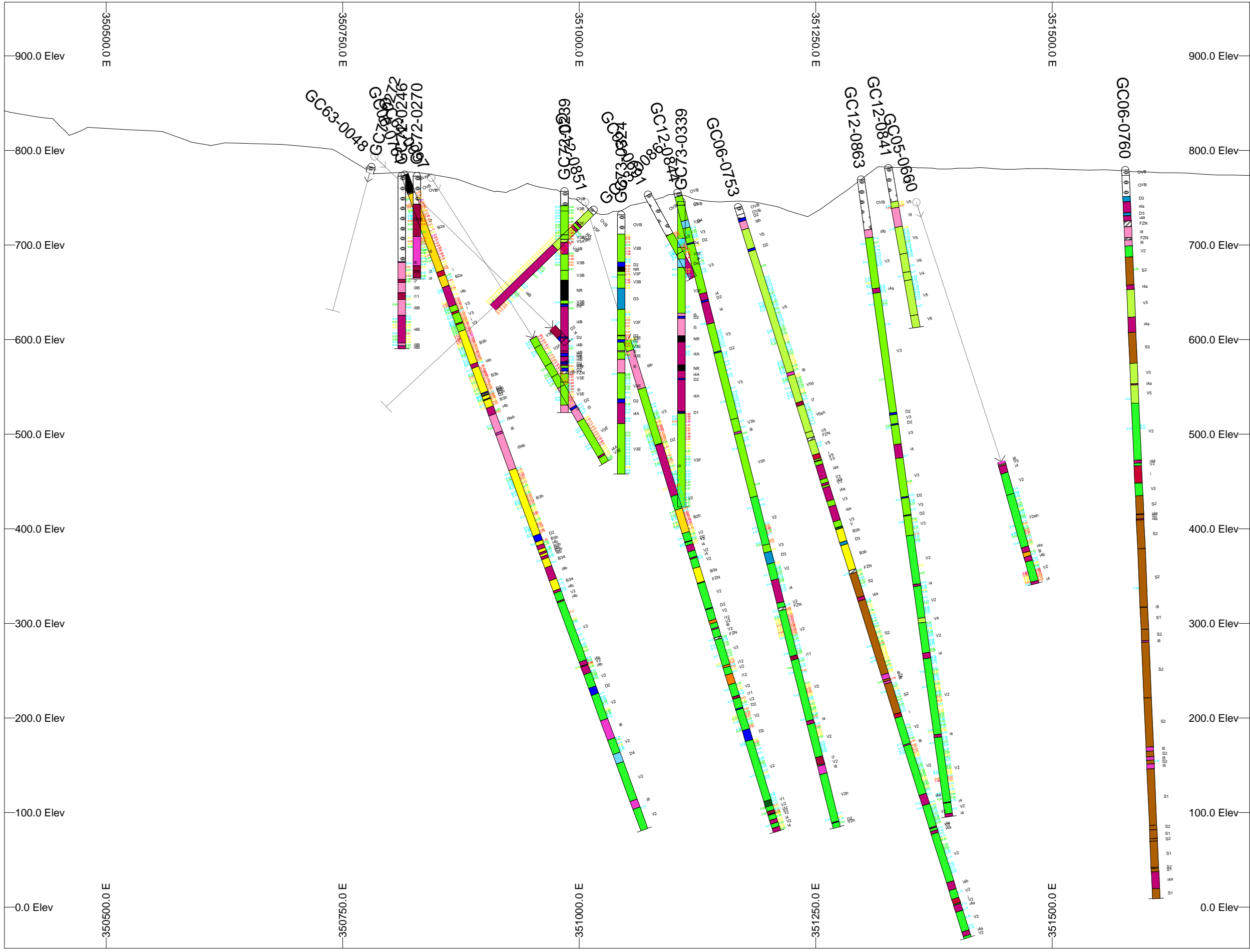
Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Light Green]	Augite-Bearing Volcanics (V1)
[Bright Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Lighter Pink]	Orthoclase Syenite Megaporphyry (i9)
[Light Purple]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Orange]	West Fork Porphyry (WFP)
[Dark Orange]	Syenite Porphyry (i7 or i11)
[Light Orange]	Plagioclase Syenite Porphyry (i10)
[Yellow-Orange]	Lavender Syenite Porphyry (i12)
[Yellow]	Breccia (B)
[Light Yellow]	Diatreme Breccia (B1)
[Lighter Yellow]	Hydrothermal Breccia (B2)
[Lightest Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Medium Blue]	Lamprophyre Dike (D1)
[Light Blue]	Mafic Dike (D2)
[Lighter Blue]	Intermediate Dike (D3)
[Lightest Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OV)

Left side of drill trace:		Right side of drill	
Au ppm		Cu %	
[Cyan]	>0.1	[Cyan]	>0.1
[Green]	>0.2	[Green]	>0.2
[Yellow]	>0.3	[Yellow]	>0.3
[Orange]	>0.5	[Orange]	>0.5
[Red]	>1.0	[Red]	>1.0
[Magenta]	>2.0	[Magenta]	>2.0

Galore Creek Mining Corporation

Galore Creek Project		
Section 6334295 N	DDH GC12-0851	
Section width: 50m	Date: 13/05/13	Drawn by: S. H.

1:4000

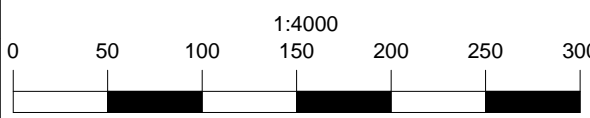


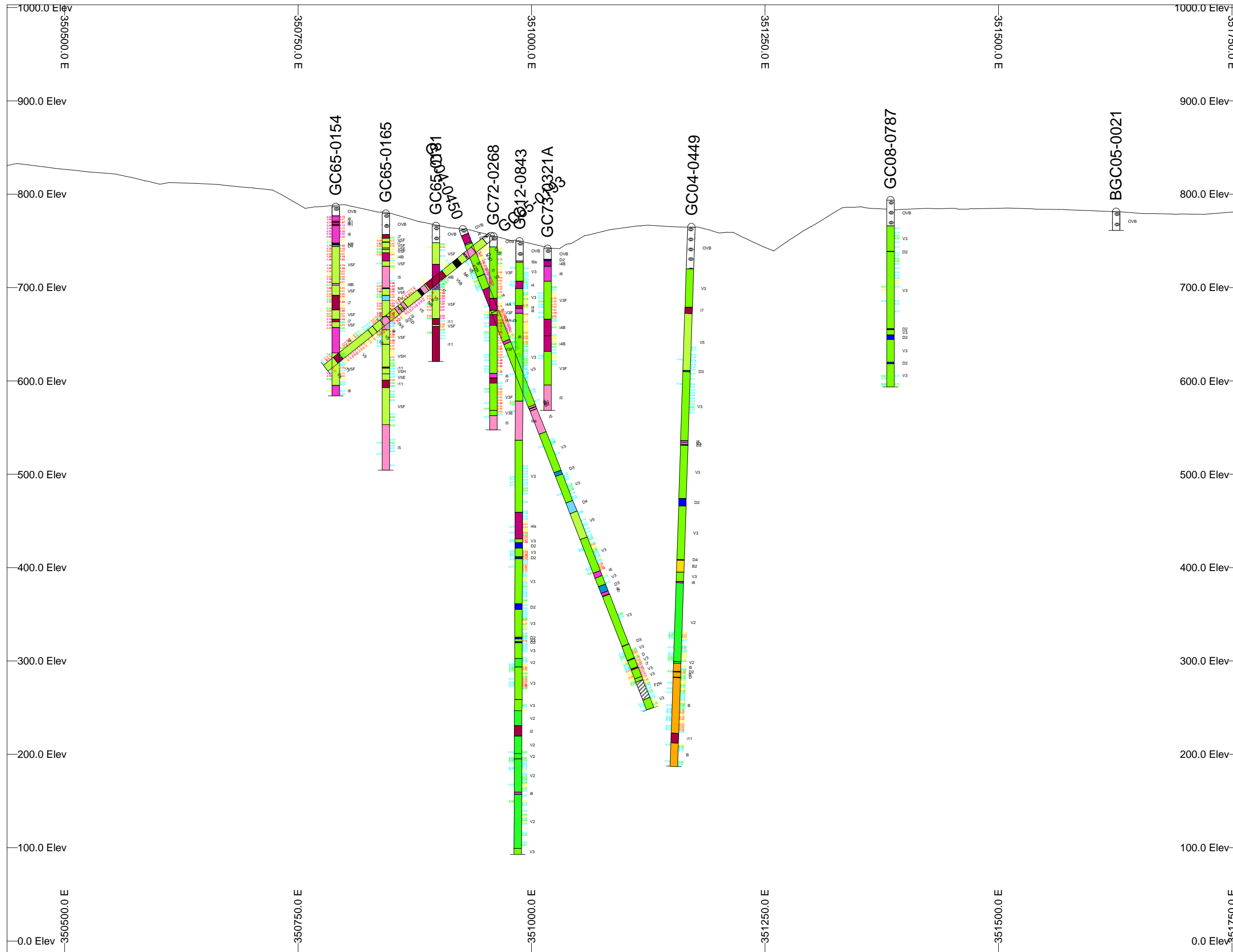
Lithology	
	Sedimentary Rocks (S1 - S6)
	Volcanics - Undivided (V)
	Augite-Bearing Volcanics (V1)
	Pseudoleucite-Bearing Volcanics (V2)
	Orthoclase-Bearing Volcanics (V3)
	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
	Intrusive - Undivided (i)
	Pseudoleucite Porphyry (i1 or i2)
	Grey Syenite Porphyry (i3)
	Copper Canyon Porphyry (CCPo or CCCp)
	Dark Orthoclase Syenite (i4)
	Orthoclase Syenite Megaporphyry (i9)
	Syenite (i6 or i8)
	Junction Porphyry (JP)
	West Fork Porphyry (WFP)
	Syenite Porphyry (i7 or i11)
	Plagioclase Syenite Porphyry (i10)
	Lavender Syenite Porphyry (i12)
	Breccia (B)
	Diatreme Breccia (B1)
	Hydrothermal Breccia (B2)
	Orthomagmatic Breccia (B3)
	Dike (D)
	Lamprophyre Dike (D1)
	Mafic Dike (D2)
	Intermediate Dike (D3)
	Felsic Dike (D4)
	Fault Zone (FZN)
	Overburden (OVB)

Left side of drill trace:		Right side of drill	
	Au ppm >0.1		Cu % >0.1
	Au ppm >0.2		Cu % >0.2
	Au ppm >0.3		Cu % >0.3
	Au ppm >0.5		Cu % >0.5
	Au ppm >1.0		Cu % >1.0
	Au ppm >2.0		Cu % >2.0



Galore Creek Project		
Section 6334275 N	DDH GC12-0841; GC12-0844; GC12-0863	
Section width: 60m	Date: 13/05/13	Drawn by: S. H.





LEGENDS

Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Dark Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Light Green]	Orthoclase-Bearing Volcanics (V3)
[Light Green]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Red]	Pseudoleucite Porphyry (i1 or i2)
[Red]	Grey Syenite Porphyry (i3)
[Red]	Copper Canyon Porphyry (CCPo or CCCp)
[Red]	Dark Orthoclase Syenite (i4)
[Red]	Orthoclase Syenite Megaporphyry (i9)
[Red]	Syenite (i6 or i8)
[Red]	Junction Porphyry (JP)
[Red]	West Fork Porphyry (WFP)
[Red]	Syenite Porphyry (i7 or i11)
[Orange]	Plagioclase Syenite Porphyry (i10)
[Orange]	Lavender Syenite Porphyry (i12)
[Orange]	Breccia (B)
[Orange]	Diatreme Breccia (B1)
[Orange]	Hydrothermal Breccia (B2)
[Orange]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Dark Blue]	Lamprophyre Dike (D1)
[Dark Blue]	Mafic Dike (D2)
[Dark Blue]	Intermediate Dike (D3)
[Dark Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVB)

Left side of drill trace:

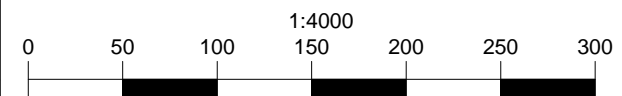
Au ppm	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Pink]	>2.0

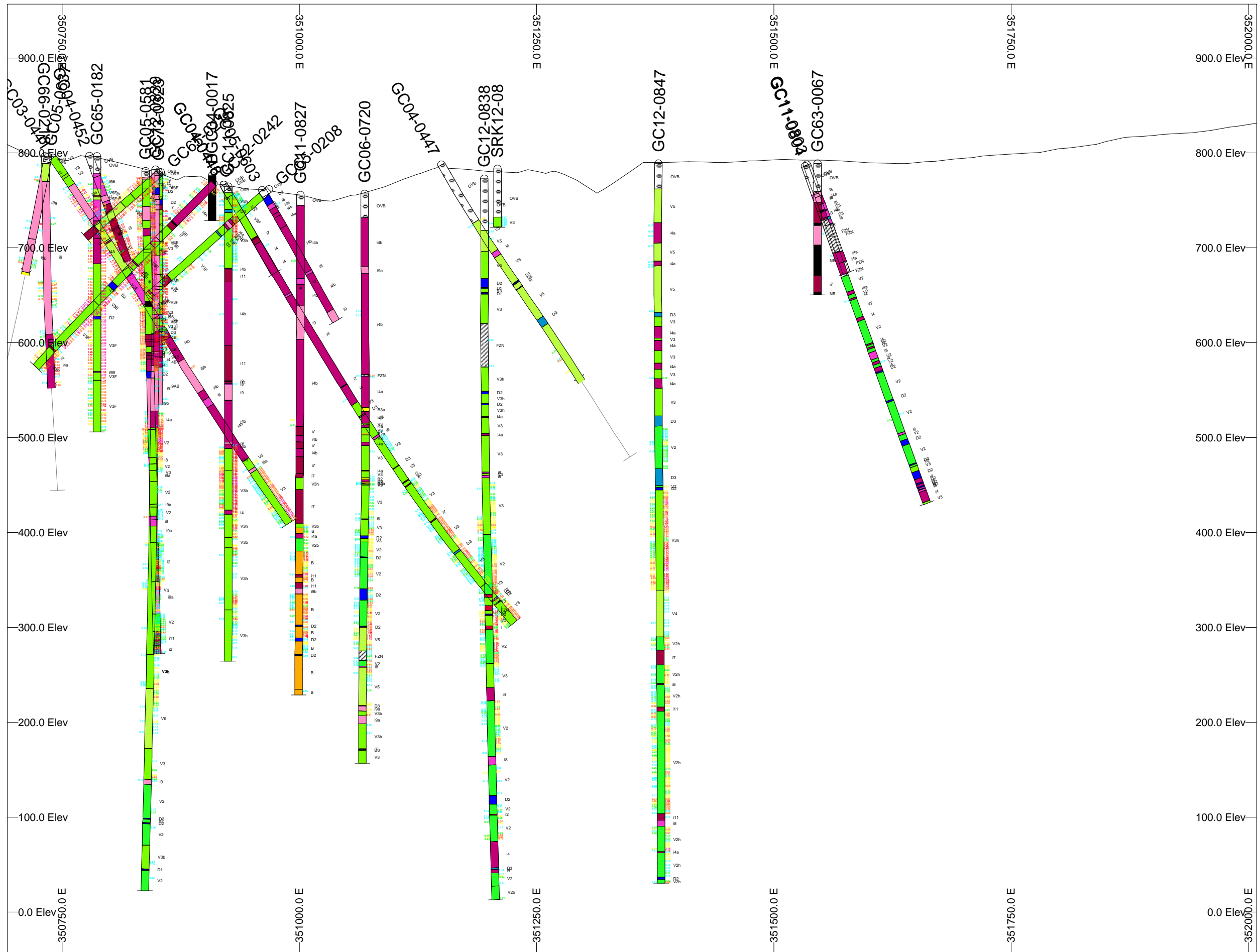
Right side of drill trace:

Cu %	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Pink]	>2.0



Galore Creek Project		
Section 6334225 N	DDH GC12-0843	
Section width: 30m	Date: 13/05/13	Drawn by: S.H.



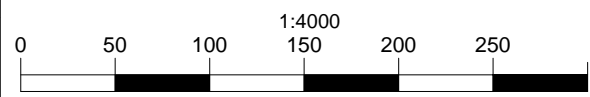


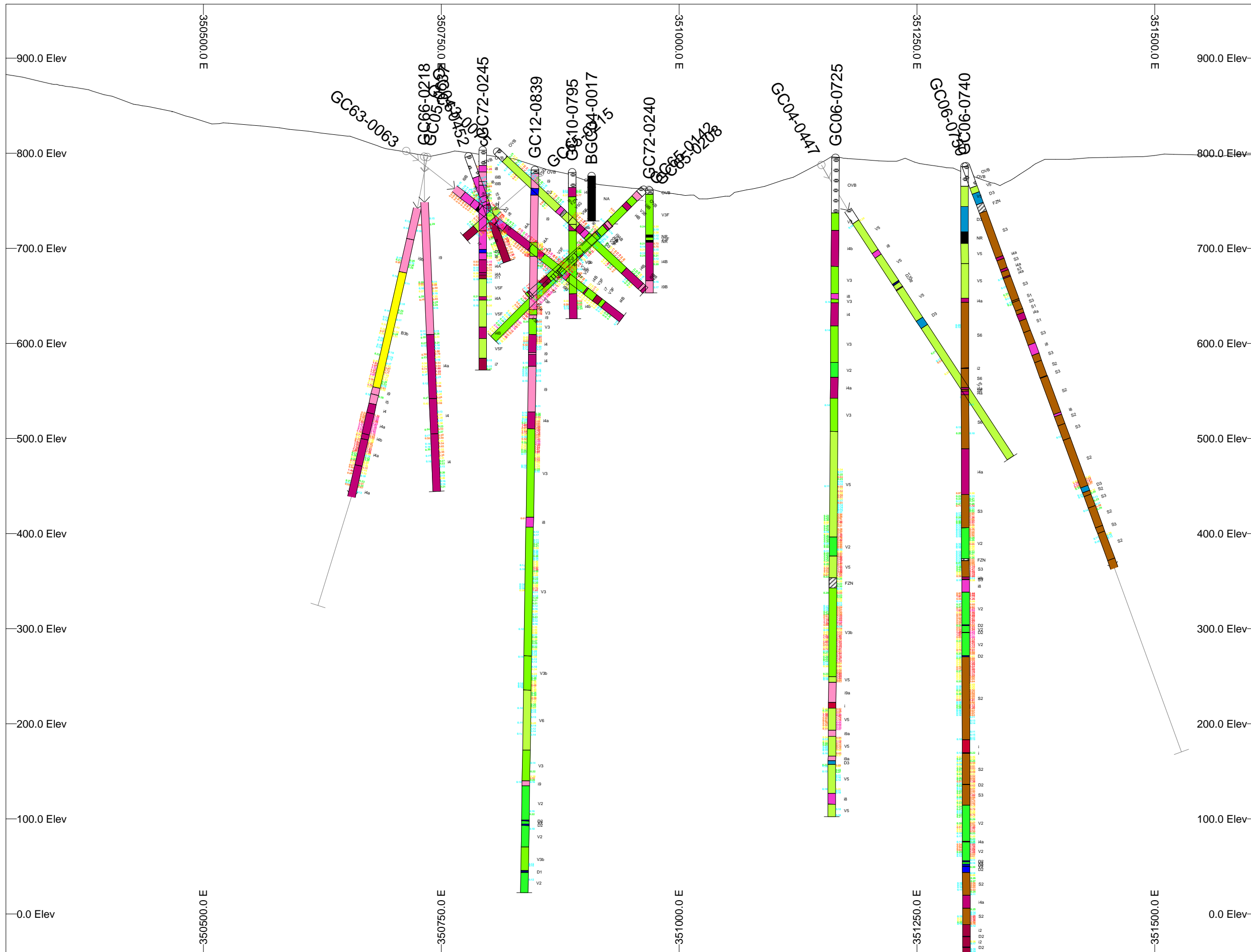
LEGENDS	
Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Light Green]	Augite-Bearing Volcanics (V1)
[Bright Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Light Purple]	Orthoclase Syenite Megaporphyry (i9)
[Purple]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Orange]	West Fork Porphyry (WFP)
[Dark Orange]	Syenite Porphyry (i7 or i11)
[Light Orange]	Plagioclase Syenite Porphyry (i10)
[Yellow-Orange]	Lavender Syenite Porphyry (i12)
[Yellow]	Breccia (B)
[Light Yellow]	Diatreme Breccia (B1)
[Yellow-Green]	Hydrothermal Breccia (B2)
[Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Dark Blue]	Lamprophyre Dike (D1)
[Blue]	Mafic Dike (D2)
[Light Blue]	Intermediate Dike (D3)
[Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVb)

Left side of drill trace:		Right side of drill	
Au ppm		Cu %	
[Cyan]	>0.1	[Cyan]	>0.1
[Green]	>0.2	[Green]	>0.2
[Yellow]	>0.3	[Yellow]	>0.3
[Orange]	>0.5	[Orange]	>0.5
[Red]	>1.0	[Red]	>1.0
[Magenta]	>2.0	[Magenta]	>2.0



Galore Creek Project		
Section 6334150 N	DDH GC12-0838; GC12-0847; OVb SRK12-08	
Section width: 75m	Date: 16/05/13	Drawn by: S. H.



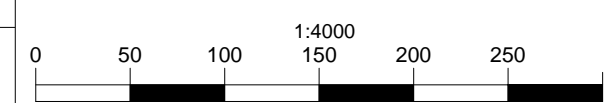


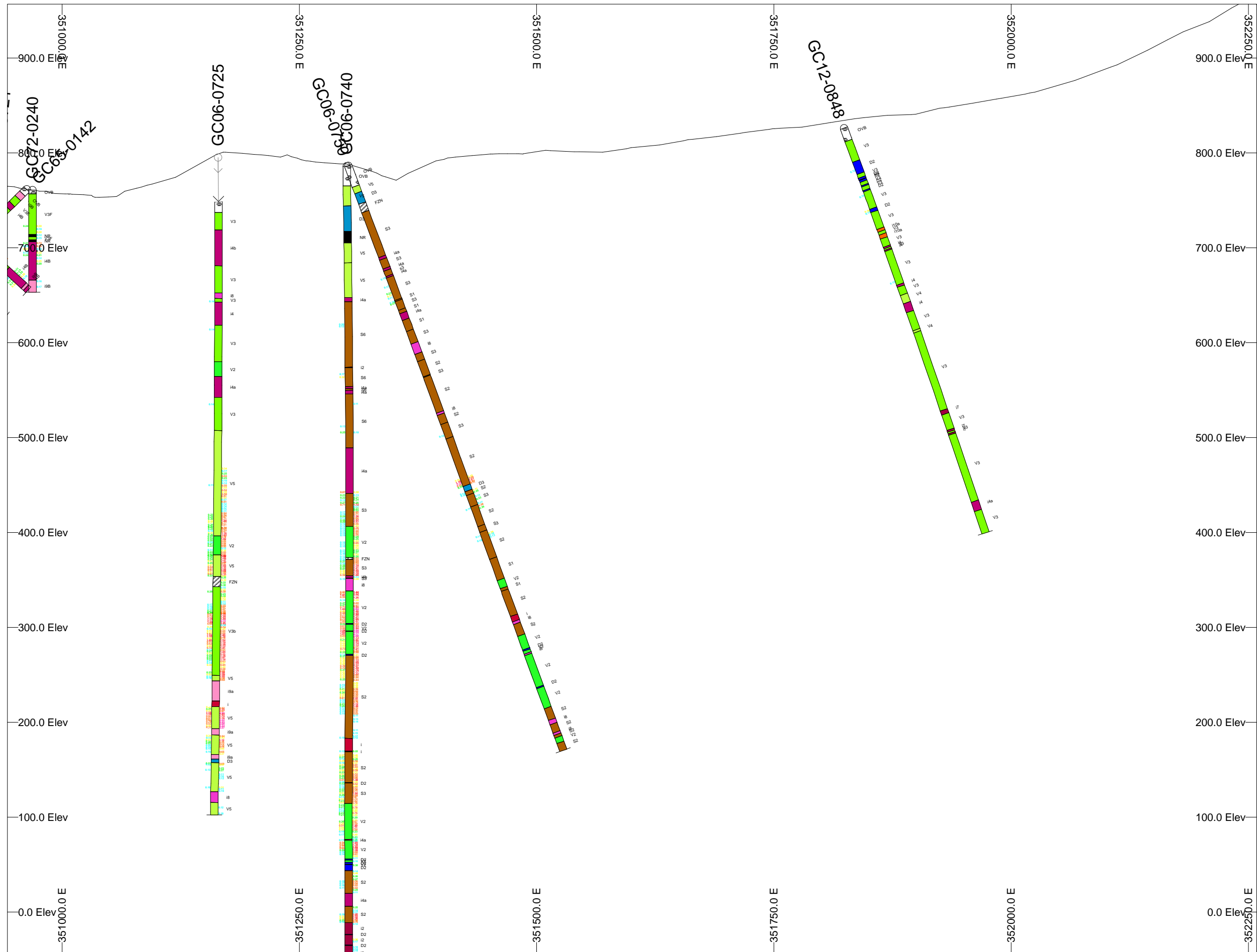
LEGENDS	
Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Medium Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Light Purple]	Orthoclase Syenite Megaporphyry (i9)
[Purple]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Orange]	West Fork Porphyry (WFP)
[Dark Orange]	Syenite Porphyry (i7 or i11)
[Light Orange]	Plagioclase Syenite Porphyry (i10)
[Yellow-Orange]	Lavender Syenite Porphyry (i12)
[Yellow]	Breccia (B)
[Light Yellow]	Diatreme Breccia (B1)
[Light Green]	Hydrothermal Breccia (B2)
[Yellow-Green]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Medium Blue]	Lamprophyre Dike (D1)
[Light Blue]	Mafic Dike (D2)
[Light Blue]	Intermediate Dike (D3)
[Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVb)

Left side of drill trace:		Right side of drill	
Au ppm		Cu %	
[Cyan]	>0.1	[Cyan]	>0.1
[Green]	>0.2	[Green]	>0.2
[Yellow]	>0.3	[Yellow]	>0.3
[Orange]	>0.5	[Orange]	>0.5
[Red]	>1.0	[Red]	>1.0
[Magenta]	>2.0	[Magenta]	>2.0



Galore Creek Project		
Section 6334100 N	DDH GC12-0839	
Section width: 50m	Date: 13/05/13	Drawn by: S. H.



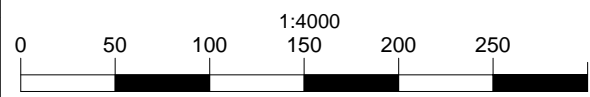


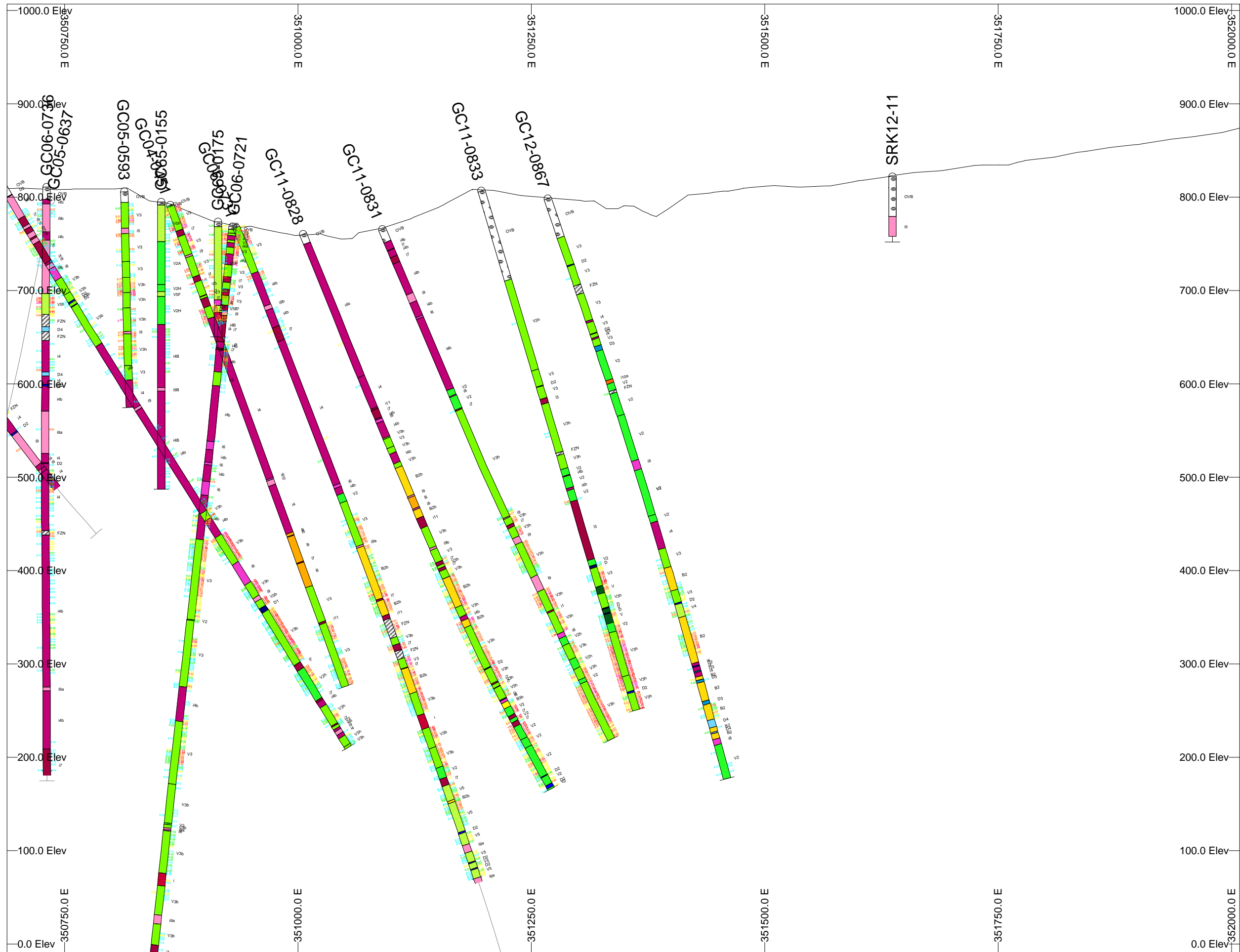
LEGENDS	
Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Medium Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Light Purple]	Orthoclase Syenite Megaporphyry (i9)
[Purple]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Red-Orange]	West Fork Porphyry (WFP)
[Dark Red-Orange]	Syenite Porphyry (i7 or i11)
[Orange]	Plagioclase Syenite Porphyry (i10)
[Light Orange]	Lavender Syenite Porphyry (i12)
[Yellow-Orange]	Breccia (B)
[Yellow]	Diatreme Breccia (B1)
[Light Yellow]	Hydrothermal Breccia (B2)
[Yellow-Green]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Medium Blue]	Lamprophyre Dike (D1)
[Light Blue]	Mafic Dike (D2)
[Light Blue]	Intermediate Dike (D3)
[Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVb)

Left side of drill trace:		Right side of drill	
Au ppm		Cu %	
[Cyan]	>0.1	[Cyan]	>0.1
[Green]	>0.2	[Green]	>0.2
[Yellow]	>0.3	[Yellow]	>0.3
[Orange]	>0.5	[Orange]	>0.5
[Red]	>1.0	[Red]	>1.0
[Magenta]	>2.0	[Magenta]	>2.0



Galore Creek Project		
Section 6334075 N	DDH GC12-0848	
Section width: 50m	Date: 16/05/13	Drawn by: S. H.



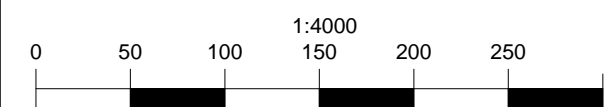


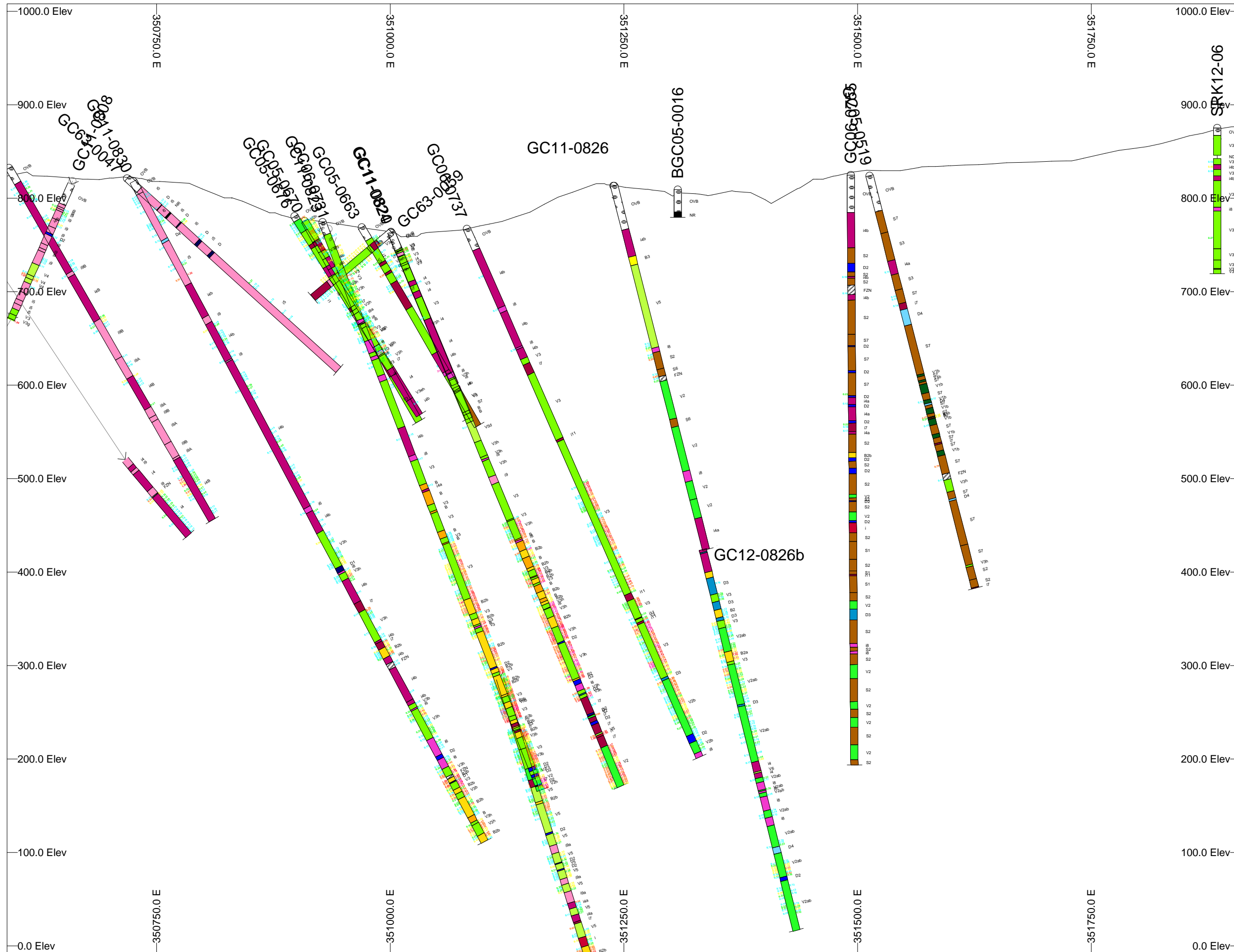
LEGENDS	
Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Medium Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Lighter Pink]	Orthoclase Syenite Megaporphyry (i9)
[Light Purple]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Orange]	West Fork Porphyry (WFP)
[Dark Orange]	Syenite Porphyry (i7 or i11)
[Light Orange]	Plagioclase Syenite Porphyry (i10)
[Yellow-Orange]	Lavender Syenite Porphyry (i12)
[Yellow]	Breccia (B)
[Light Yellow]	Diatreme Breccia (B1)
[Lighter Yellow]	Hydrothermal Breccia (B2)
[Lightest Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Medium Blue]	Lamprophyre Dike (D1)
[Light Blue]	Mafic Dike (D2)
[Lightest Blue]	Intermediate Dike (D3)
[Very Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVb)

Left side of drill trace:		Right side of drill	
Au ppm		Cu %	
[Cyan]	>0.1	[Cyan]	>0.1
[Green]	>0.2	[Green]	>0.2
[Yellow]	>0.3	[Yellow]	>0.3
[Orange]	>0.5	[Orange]	>0.5
[Red]	>1.0	[Red]	>1.0
[Magenta]	>2.0	[Magenta]	>2.0



Galore Creek Project		
Section 6334025 N	DDH GC12-0867; OVb SRK12-11	
Section width: 90m	Date: 16/05/13	Drawn by: S.H.





LEGENDS	
Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Light Green]	Augite-Bearing Volcanics (V1)
[Yellow-Green]	Pseudoleucite-Bearing Volcanics (V2)
[Light Yellow]	Orthoclase-Bearing Volcanics (V3)
[Light Green]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Dark Magenta]	Dark Orthoclase Syenite (i4)
[Light Pink]	Orthoclase Syenite Megaporphyry (i9)
[Light Magenta]	Syenite (i6 or i8)
[Light Red]	Junction Porphyry (JP)
[Red-Orange]	West Fork Porphyry (WFP)
[Dark Red]	Syenite Porphyry (i7 or i11)
[Orange]	Plagioclase Syenite Porphyry (i10)
[Light Orange]	Lavender Syenite Porphyry (i12)
[Yellow-Orange]	Breccia (B)
[Yellow]	Diatreme Breccia (B1)
[Light Yellow]	Hydrothermal Breccia (B2)
[Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Dark Blue]	Lamprophyre Dike (D1)
[Blue]	Mafic Dike (D2)
[Light Blue]	Intermediate Dike (D3)
[Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVB)

Left side of drill trace:

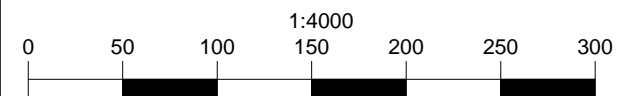
Au ppm	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0

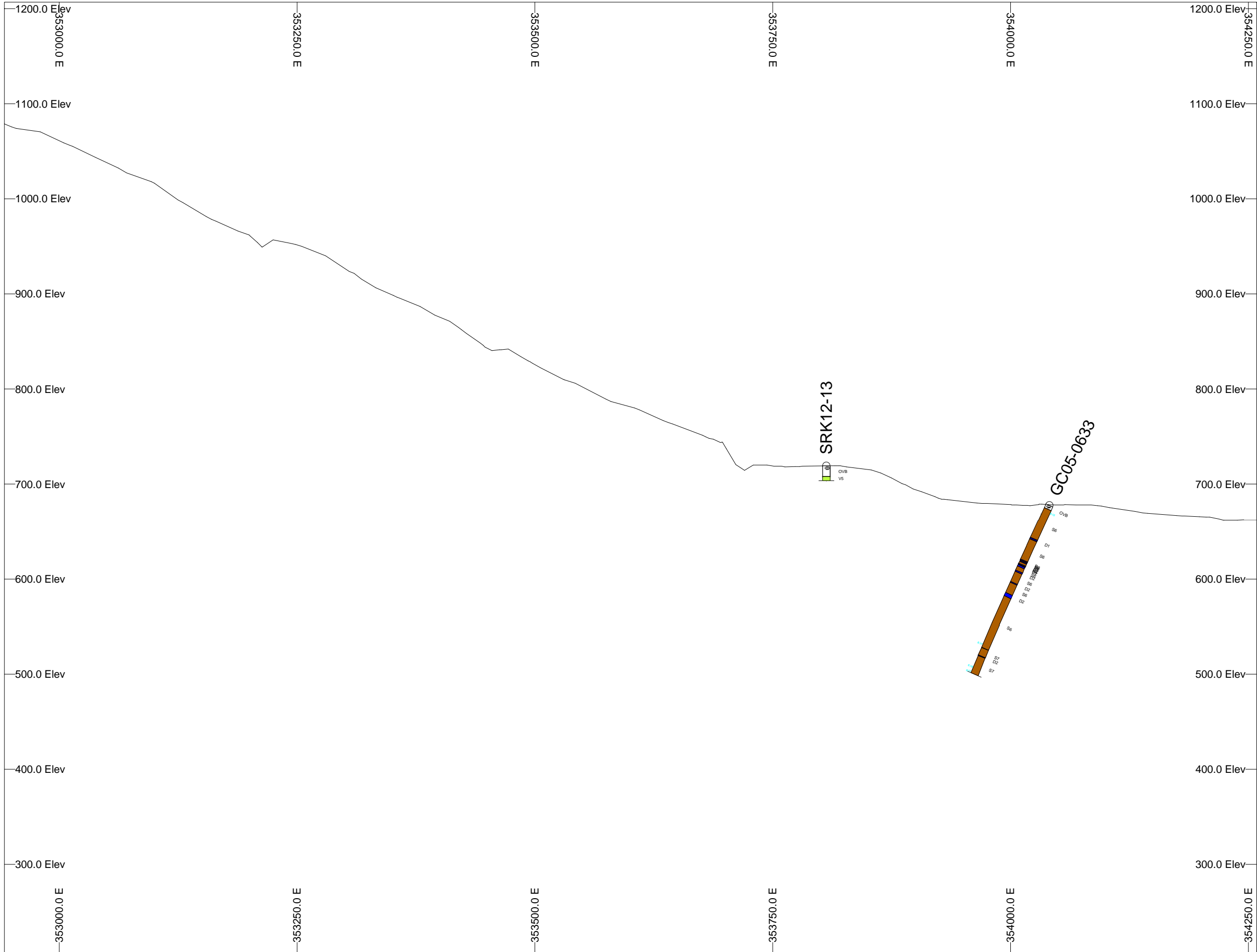
Right side of drill trace:

Cu %	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0



Galore Creek Project		
Section 6333945 N	DDH GC12-0826b	
Section width: 35m	Date: 13/05/13	Drawn by: S.H.





LEGENDS

Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Medium Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Lighter Pink]	Orthoclase Syenite Megaporphyry (i9)
[Light Purple]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Orange]	West Fork Porphyry (WFP)
[Dark Orange]	Syenite Porphyry (i7 or i11)
[Light Orange]	Plagioclase Syenite Porphyry (i10)
[Yellow-Orange]	Lavender Syenite Porphyry (i12)
[Yellow]	Breccia (B)
[Light Yellow]	Diatreme Breccia (B1)
[Lighter Yellow]	Hydrothermal Breccia (B2)
[Very Light Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Medium Blue]	Lamprophyre Dike (D1)
[Light Blue]	Mafic Dike (D2)
[Lighter Blue]	Intermediate Dike (D3)
[Very Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVB)

Left side of drill trace:

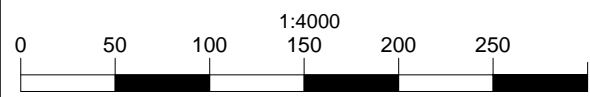
Au ppm	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0

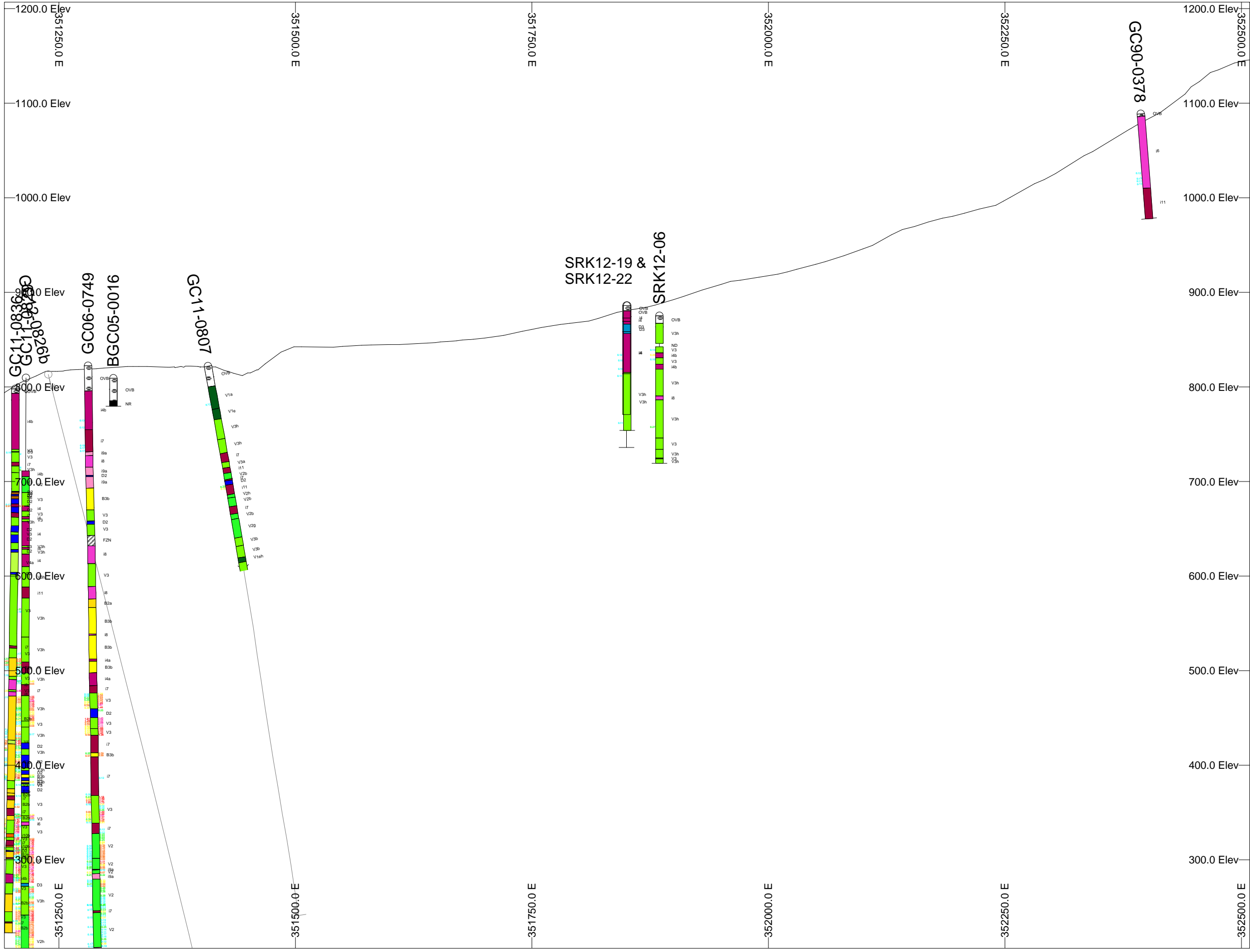
Right side of drill

Cu %	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0



Galore Creek Project		
Section 6333875 N	OV B SRK12-13	
Section width: 150m	Date: 16/05/13	Drawn by: S. H.



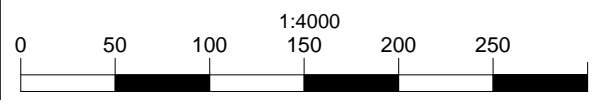


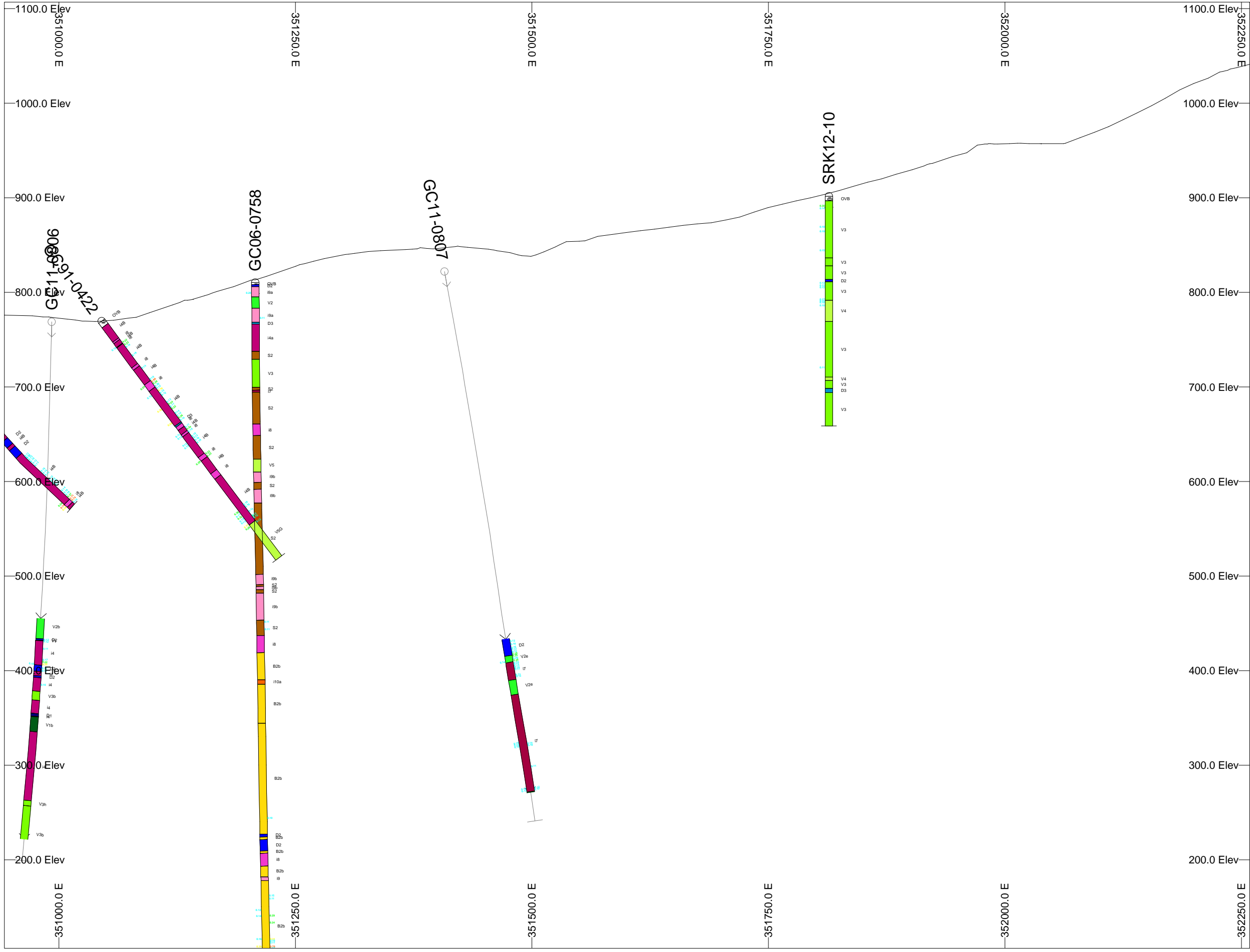
LEGENDS	
Lithology	
	Sedimentary Rocks (S1 - S6)
	Volcanics - Undivided (V)
	Augite-Bearing Volcanics (V1)
	Pseudoleucite-Bearing Volcanics (V2)
	Orthoclase-Bearing Volcanics (V3)
	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
	Intrusive - Undivided (i)
	Pseudoleucite Porphyry (i1 or i2)
	Grey Syenite Porphyry (i3)
	Copper Canyon Porphyry (CCPo or CCCp)
	Dark Orthoclase Syenite (i4)
	Orthoclase Syenite Megaporphyry (i9)
	Syenite (i6 or i8)
	Junction Porphyry (JP)
	West Fork Porphyry (WFP)
	Syenite Porphyry (i7 or i11)
	Plagioclase Syenite Porphyry (i10)
	Lavender Syenite Porphyry (i12)
	Breccia (B)
	Diatreme Breccia (B1)
	Hydrothermal Breccia (B2)
	Orthomagmatic Breccia (B3)
	Dike (D)
	Lamprophyre Dike (D1)
	Mafic Dike (D2)
	Intermediate Dike (D3)
	Felsic Dike (D4)
	Fault Zone (FZN)
	Overburden (OVb)

Left side of drill trace:		Right side of drill	
Au ppm		Cu %	
	>0.1		>0.1
	>0.2		>0.2
	>0.3		>0.3
	>0.5		>0.5
	>1.0		>1.0
	>2.0		>2.0



Galore Creek Project		
Section 6333850 N	HYDRO SRK12-06, SRK12-19, SRK12-22	
Section width: 150m	Date: 16/05/13	Drawn by: S. H.





LEGENDS

Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Medium Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Light Purple]	Orthoclase Syenite Megaporphyry (i9)
[Magenta]	Syenite (i6 or i8)
[Red-Orange]	Junction Porphyry (JP)
[Orange-Red]	West Fork Porphyry (WFP)
[Dark Red]	Syenite Porphyry (i7 or i11)
[Orange]	Plagioclase Syenite Porphyry (i10)
[Light Orange]	Lavender Syenite Porphyry (i12)
[Yellow-Orange]	Breccia (B)
[Yellow-Gold]	Diatreme Breccia (B1)
[Yellow]	Hydrothermal Breccia (B2)
[Light Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Dark Blue-Black]	Lamprophyre Dike (D1)
[Blue-Black]	Mafic Dike (D2)
[Blue]	Intermediate Dike (D3)
[Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Stippled]	Overburden (OVb)

Left side of drill trace:

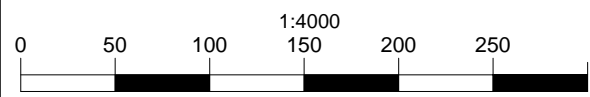
Au ppm	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0

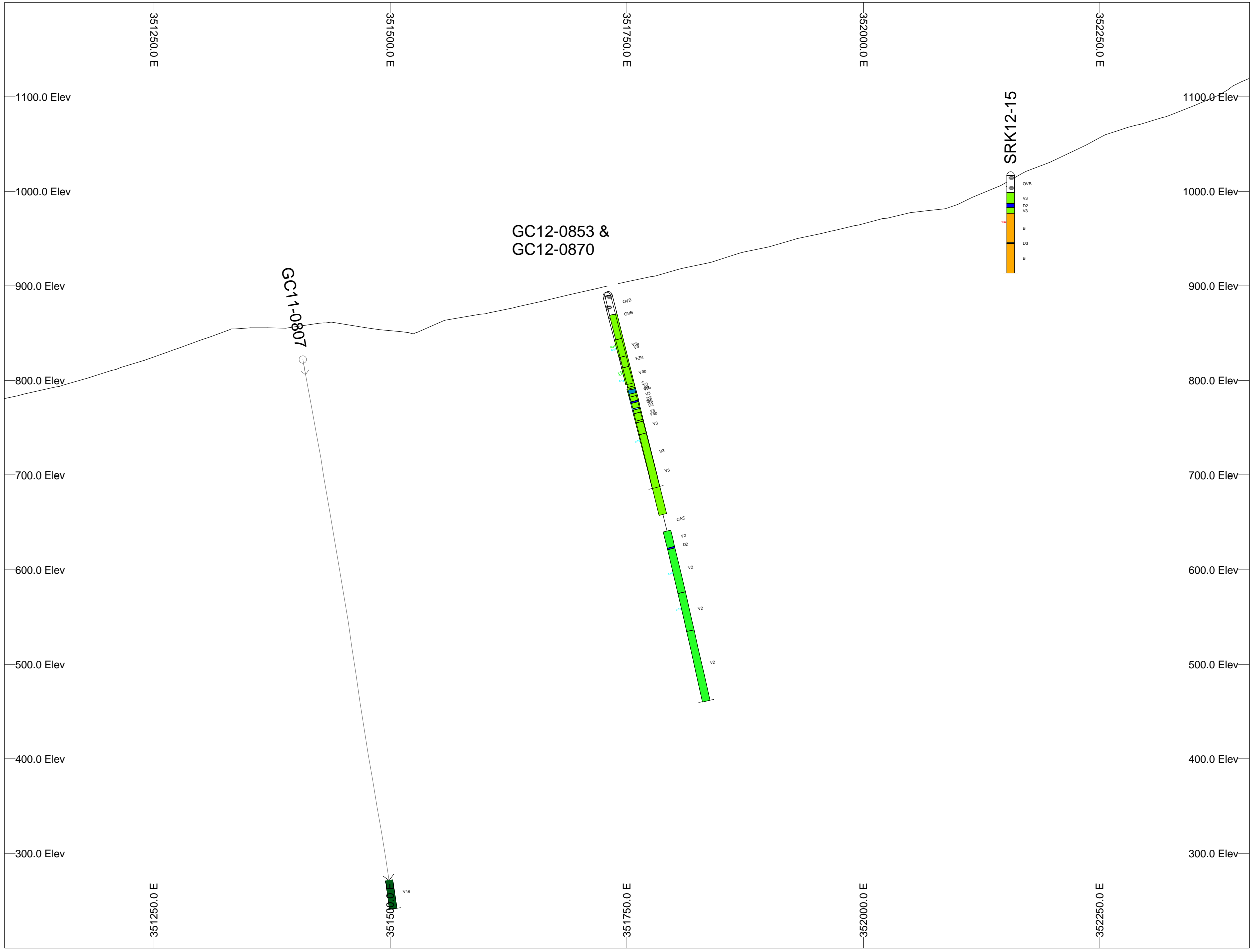
Right side of drill

Cu %	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0



Galore Creek Project		
Section 6333675 N	HYDRO SRK12-10	
Section width: 75m	Date: 16/05/13	Drawn by: S. H.





LEGENDS

Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Medium Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Light Purple]	Orthoclase Syenite Megaporphyry (i9)
[Purple]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Red-Orange]	West Fork Porphyry (WFP)
[Orange]	Syenite Porphyry (i7 or i11)
[Light Orange]	Plagioclase Syenite Porphyry (i10)
[Yellow-Orange]	Lavender Syenite Porphyry (i12)
[Yellow]	Breccia (B)
[Light Yellow]	Diatreme Breccia (B1)
[Yellow-Green]	Hydrothermal Breccia (B2)
[Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Medium Blue]	Lamprophyre Dike (D1)
[Light Blue]	Mafic Dike (D2)
[Light Blue]	Intermediate Dike (D3)
[Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Stippled]	Overburden (OVb)

Left side of drill trace:

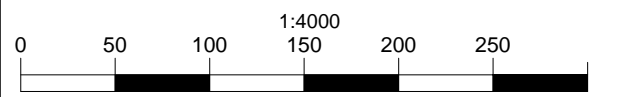
Au ppm	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0

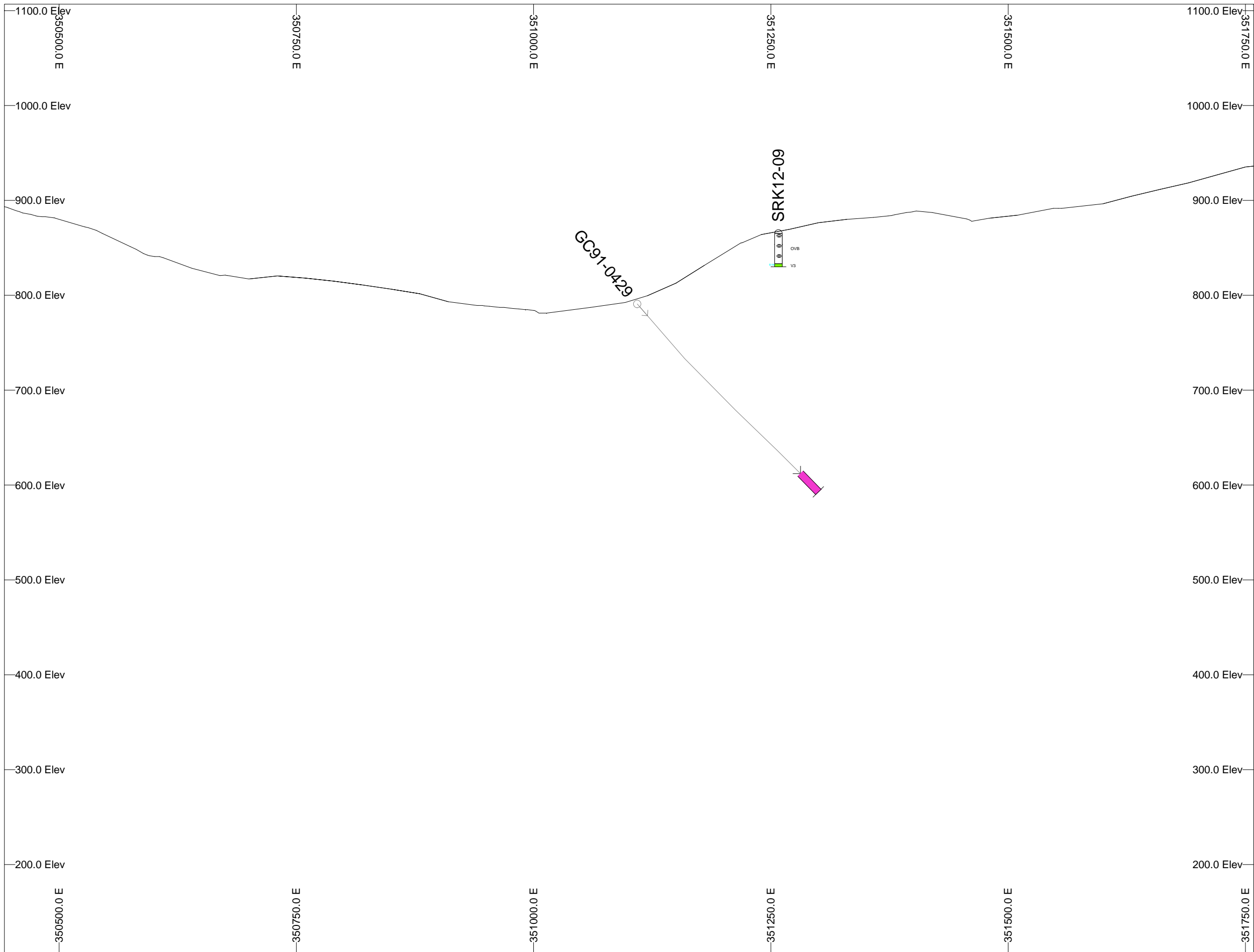
Right side of drill

Cu %	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0



Galore Creek Project		
Section 6333575 N	DDH GC12-0853; GC12-0870; HYDRO SRK12-15	
Section width: 125m	Date: 16/05/13	Drawn by: S. H.





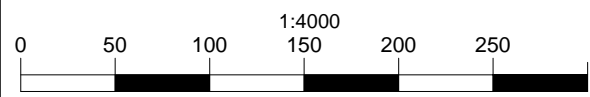
LEGENDS	
Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Medium Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Lighter Pink]	Orthoclase Syenite Megaporphyry (i9)
[Light Purple]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Orange]	West Fork Porphyry (WFP)
[Dark Orange]	Syenite Porphyry (i7 or i11)
[Dark Orange]	Plagioclase Syenite Porphyry (i10)
[Orange]	Lavender Syenite Porphyry (i12)
[Yellow-Orange]	Breccia (B)
[Yellow-Orange]	Diatreme Breccia (B1)
[Yellow]	Hydrothermal Breccia (B2)
[Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Dark Blue]	Lamprophyre Dike (D1)
[Blue]	Mafic Dike (D2)
[Light Blue]	Intermediate Dike (D3)
[Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVB)

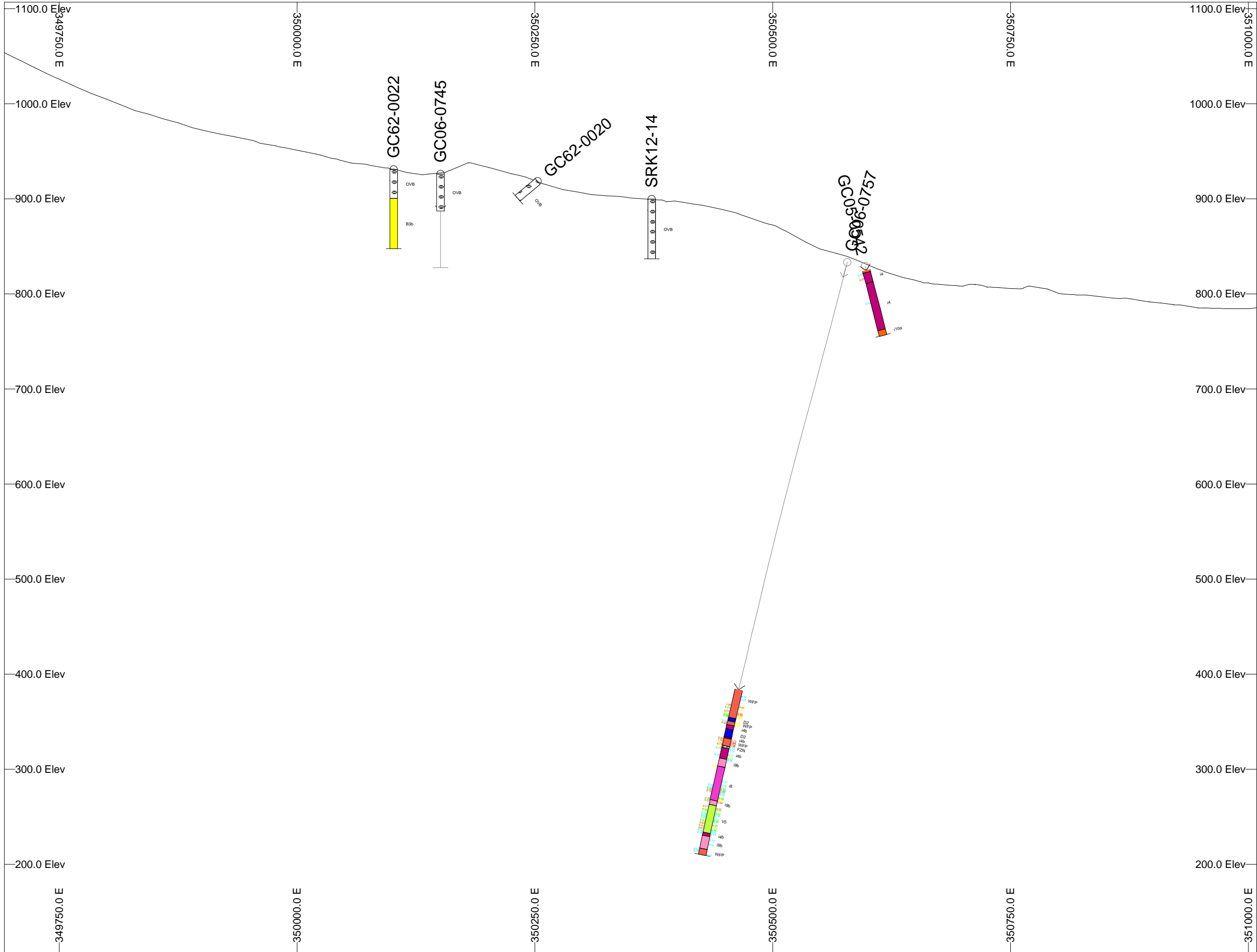
Left side of drill trace:	
Au ppm	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0

Right side of drill	
Cu %	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0



Galore Creek Project		
Section 6333300 N	OVB SRK12-09	
Section width: 50m	Date: 16/05/13	Drawn by: S. H.



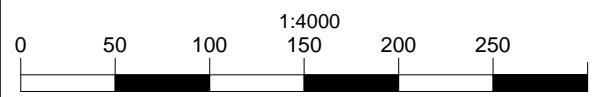


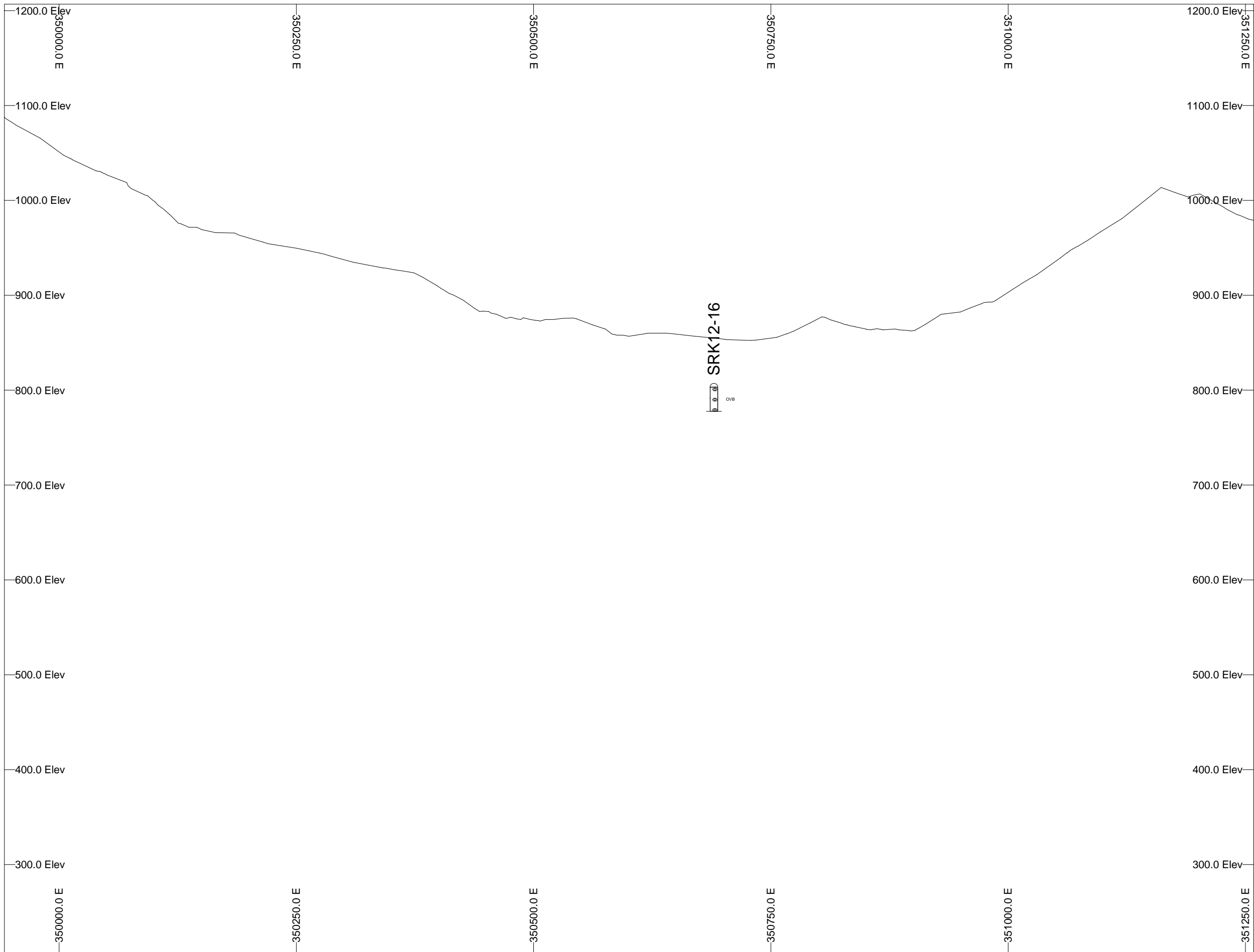
LEGENDS	
Lithology	
	Sedimentary Rocks (S1 - S6)
	Volcanics - Undivided (V)
	Augite-Bearing Volcanics (V1)
	Pseudoleucite-Bearing Volcanics (V2)
	Orthoclase-Bearing Volcanics (V3)
	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
	Intrusive - Undivided (i)
	Pseudoleucite Porphyry (i1 or i2)
	Grey Syenite Porphyry (i3)
	Copper Canyon Porphyry (CCPo or CCCp)
	Dark Orthoclase Syenite (i4)
	Orthoclase Syenite Megaporphyry (i9)
	Syenite (i6 or i8)
	Junction Porphyry (JP)
	West Fork Porphyry (WFP)
	Syenite Porphyry (i7 or i11)
	Plagioclase Syenite Porphyry (i10)
	Lavender Syenite Porphyry (i12)
	Breccia (B)
	Diatreme Breccia (B1)
	Hydrothermal Breccia (B2)
	Orthomagmatic Breccia (B3)
	Dike (D)
	Lamprophyre Dike (D1)
	Mafic Dike (D2)
	Intermediate Dike (D3)
	Felsic Dike (D4)
	Fault Zone (FZN)
	Overburden (OVB)

Left side of drill trace:		Right side of drill	
Au ppm		Cu %	
	>0.1		>0.1
	>0.2		>0.2
	>0.3		>0.3
	>0.5		>0.5
	>1.0		>1.0
	>2.0		>2.0



Galore Creek Project		
Section 6333225 N	OVB SRK12-14	
Section width: 50m	Date: 16/05/13	Drawn by: S. H.





LEGENDS

Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Medium Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Magenta]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Light Pink]	Dark Orthoclase Syenite (i4)
[Lighter Pink]	Orthoclase Syenite Megaporphyry (i9)
[Magenta]	Syenite (i6 or i8)
[Red-Orange]	Junction Porphyry (JP)
[Orange-Red]	West Fork Porphyry (WFP)
[Dark Red]	Syenite Porphyry (i7 or i11)
[Orange]	Plagioclase Syenite Porphyry (i10)
[Light Orange]	Lavender Syenite Porphyry (i12)
[Yellow-Orange]	Breccia (B)
[Yellow]	Diatreme Breccia (B1)
[Light Yellow]	Hydrothermal Breccia (B2)
[Yellow]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Dark Blue]	Lamprophyre Dike (D1)
[Blue]	Mafic Dike (D2)
[Light Blue]	Intermediate Dike (D3)
[Light Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OV)

Left side of drill trace:

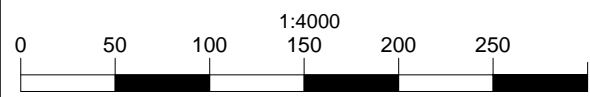
Au ppm	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0

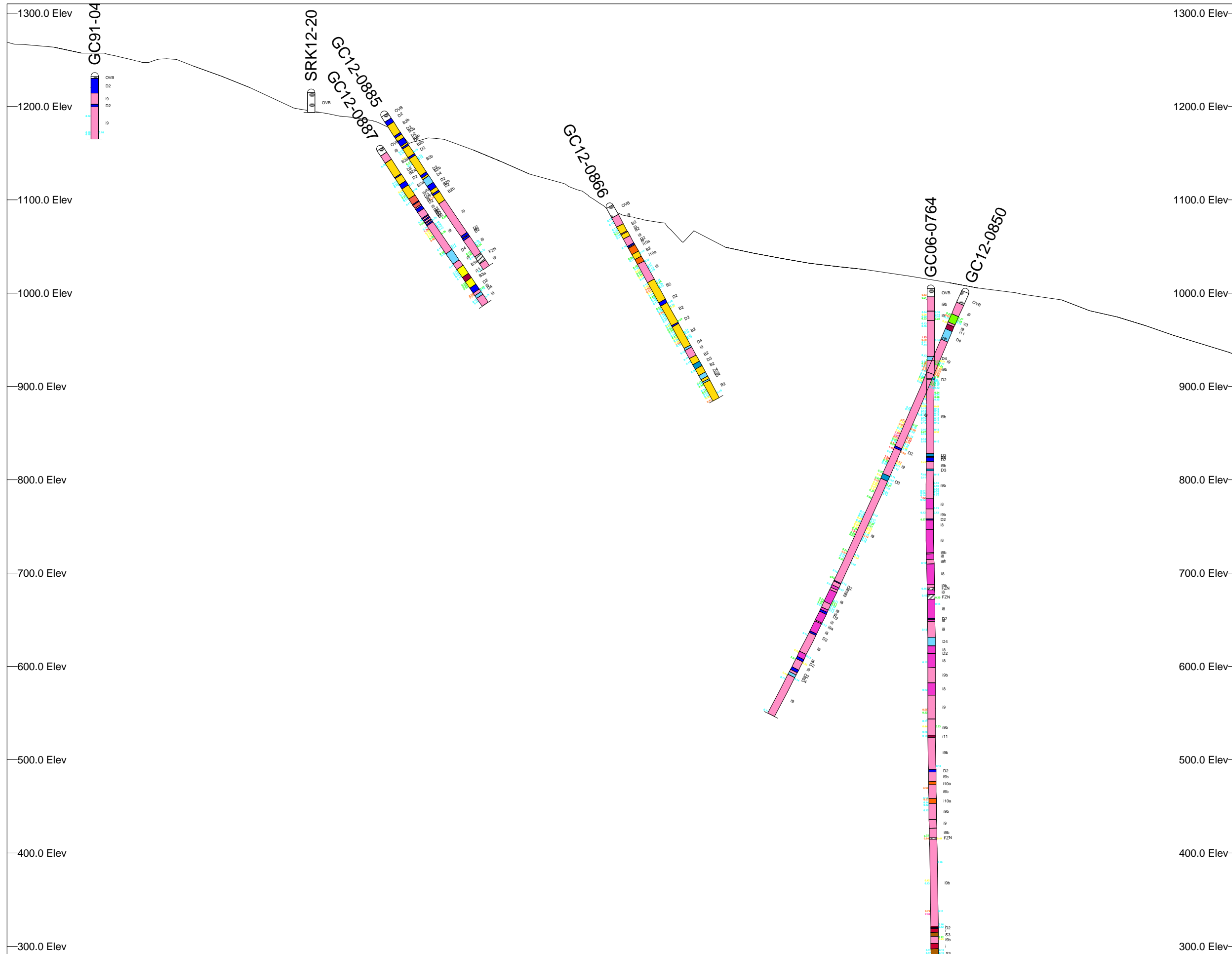
Right side of drill

Cu %	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Magenta]	>2.0



Galore Creek Project		
Section 6332575 N	OV SRK12-16	
Section width: 50m	Date: 16/05/13	Drawn by: S. H.



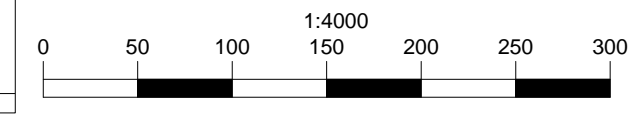


LEGENDS	
Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Yellow-Green]	Orthoclase-Bearing Volcanics (V3)
[Light Yellow]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Dark Red]	Pseudoleucite Porphyry (i1 or i2)
[Maroon]	Grey Syenite Porphyry (i3)
[Pink]	Copper Canyon Porphyry (CCPo or CCCp)
[Magenta]	Dark Orthoclase Syenite (i4)
[Light Pink]	Orthoclase Syenite Megaporphyry (i9)
[Light Purple]	Syenite (i6 or i8)
[Orange-Red]	Junction Porphyry (JP)
[Red-Orange]	West Fork Porphyry (WFP)
[Dark Red-Orange]	Syenite Porphyry (i7 or i11)
[Orange]	Plagioclase Syenite Porphyry (i10)
[Light Orange]	Lavender Syenite Porphyry (i12)
[Yellow-Orange]	Breccia (B)
[Yellow]	Diatreme Breccia (B1)
[Light Yellow]	Hydrothermal Breccia (B2)
[Yellow-Green]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Medium Blue]	Lamprophyre Dike (D1)
[Light Blue]	Mafic Dike (D2)
[Cyan]	Intermediate Dike (D3)
[Light Cyan]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVB)

Left side of drill trace:		Right side of drill trace:	
Au ppm		Cu %	
[Cyan]	>0.1	[Cyan]	>0.1
[Green]	>0.2	[Green]	>0.2
[Yellow-Green]	>0.3	[Yellow-Green]	>0.3
[Orange]	>0.5	[Orange]	>0.5
[Red]	>1.0	[Red]	>1.0
[Magenta]	>2.0	[Magenta]	>2.0



Galore Creek Project		
Section 350550E	DDH GC12-0850; GC12-0866; GC12-0885; GC12-0887; OVB SRK12-20	
Section width: 275m	Date: 14/05/13	Drawn by: S.H.





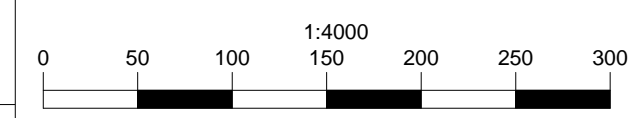
LEGENDS	
Lithology	
[Brown]	Sedimentary Rocks (S1 - S6)
[Dark Green]	Volcanics - Undivided (V)
[Dark Green]	Augite-Bearing Volcanics (V1)
[Light Green]	Pseudoleucite-Bearing Volcanics (V2)
[Light Green]	Orthoclase-Bearing Volcanics (V3)
[Light Green]	Volcanics - Mafic, Intermediate, or Felsic (V4, V5, V6)
[Red]	Intrusive - Undivided (i)
[Red]	Pseudoleucite Porphyry (i1 or i2)
[Red]	Grey Syenite Porphyry (i3)
[Red]	Copper Canyon Porphyry (CCPo or CCCp)
[Red]	Dark Orthoclase Syenite (i4)
[Red]	Orthoclase Syenite Megaporphyry (i9)
[Red]	Syenite (i6 or i8)
[Red]	Junction Porphyry (JP)
[Red]	West Fork Porphyry (WFP)
[Red]	Syenite Porphyry (i7 or i11)
[Red]	Plagioclase Syenite Porphyry (i10)
[Red]	Lavender Syenite Porphyry (i12)
[Orange]	Breccia (B)
[Orange]	Diatreme Breccia (B1)
[Orange]	Hydrothermal Breccia (B2)
[Orange]	Orthomagmatic Breccia (B3)
[Dark Blue]	Dike (D)
[Dark Blue]	Lamprophyre Dike (D1)
[Dark Blue]	Mafic Dike (D2)
[Dark Blue]	Intermediate Dike (D3)
[Dark Blue]	Felsic Dike (D4)
[Hatched]	Fault Zone (FZN)
[Dotted]	Overburden (OVB)

Left side of drill trace:	
Au ppm	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Pink]	>2.0

Right side of drill trace:	
Cu %	
[Cyan]	>0.1
[Green]	>0.2
[Yellow]	>0.3
[Orange]	>0.5
[Red]	>1.0
[Pink]	>2.0



Galore Creek Project		
Section 350150E	DDH GC12-0879; GC12-0881; GC12-0888	
Section width: 250m	Date: 14/05/13	Drawn by: S.H.



APPENDIX V

CORE PHOTOGRAPHS **(Attached Digitally)**

APPENDIX VI

DRILL LOGS **(Attached Digitally)**

APPENDIX VII

ASSAY CERTIFICATES **(Attached Digitally)**

APPENDIX VIII

ANALYTICAL PROCEDURES **(Attached Digitally)**