GEOCHEMICAL SOIL SURVEY REPORT

on the

GREEN MINERAL CLAIM GROUP

Cariboo Mining Division

93B/8W+E, 9W+E

(Latitude 52° 31', Longitude 122° 17')

OWNERS
GIBRALTAR MINES LIMITED
CUISSON LAKE MINES LIMITED
OPERATOR
GIBRALTAR MINES LIMITED
P.O. Box 130
McLeese Lake, B.C.
V0L 1P0

Author: George E. Barker

Submitted: October 1999

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1. INTRODUCTION

The Green Mineral Claim Group is located in the Cariboo Mining Division approximately 7 km north of McLeese Lake, B.C. The Claim Group is part of the property owned by Gibraltar Mines Limited, a subsidiary of Taseko Mines Limited. Access to the Claim Group is via the Ross Lake logging road which connects to the mine access road about 6.4 km north of the Highway 97 turnoff. The Claim Group can also be accessed from the mine plant site via a haul road. The location of the Green Mineral Claim Group is shown in Figure 1.

The original claims of the Green Mineral Claim Group were staked between 1966 and 1976 to cover a portion of the Granite Lake Pit and ground south and east of the pit. Currently, the Green Group consists of both mining leases and mineral claims. After initial exploration work was completed and mining had commenced, additional drilling programs were carried out in 1987 and 1988. These programs are described in assessment reports listed in the Bibliography. During September 1999 Green Group mineral claims GIB 15 FR, SAP 2 FR and SAP 3 FR were dropped.

This report deals with a geochemical soil survey conducted between October 5 and October 13, 1999 on mineral claims VE 21, VE 22, BUD 1, BUD 3, HA 4, HA 6, HAS 2 and mining leases LOT 4142 (85) and LOT 4143 (83). Capstone Geological Services, 150 Mile House, B.C. was contracted to do the work and prepare the report.

2. MINERAL CLAIMS

The mineral claims and mining leases of the Green Mineral Claim Group are shown in Figures 2 and 3. Information on these claims and leases is tabulated in Table 1. All of the claims and leases are owned by either Gibraltar Mines Limited or Cuisson Lake Mines Limited.

3. TOPOGRAPHY AND GEOLOGY

The Green Mineral Claim Group lies along the southern flank of Granite Mountain (summit elevation 1398 m) and extends southwest towards the south end of Cuisson Lake (see Figure 1). Relief is relatively gentle, ranging from about 950 m to 1350 m above sea level. Much of the area has been logged during the past twenty years and second growth pine-fir forest is common. Drainage in the area is good.

The Green Mineral Claim Group is underlain by the Granite Mountain Batholith. The northern portion of the Group covers a part of the deformed and mineralized tonalite phase of the batholith, locally defined as the "Gibraltar mineralized trend". The southern portion touches on the lithologically complex and deformed "Sawmill mineralized trend". The rock underlying the area between these two trends is currently interpreted to be weakly deformed and transitional between "mine phase" tonalite and "border phase"

quartz diorite. The geology of the Gibraltar property is thoroughly described in papers by Bysouth et al., 1995 and Ash et al., 1998 (see Bibliography).

NAME	TENURE #	UNITS	NAME	TENURE #	UNITS
BUD 1	207887	1	HAS 12	207768	1
BUD 2	207873	1	HAS 13	207769	1
BUD 3	207876	1	HAS 14	207770	1
BUD 4	207884	1	HAS 15	207771	1
BUD 5	207698	1	HAS 16	207772	1
BUD 6	207699	1	HAS 17	207773	1
BUD 7	207729	1	HAS 18	207774	1
BUD 8	207730	1	HAS 19	207775	1
CAROL 4 FR	207758	1	HAS 20	207776	1
CAROL 6 FR	207759	1	HD 5	207733	1
CAROL 7 FR	207760	1	HD 6	207734	1
EV 1	207875	1	HD 7	207735	1
EV 2	207874	1	HD 8	207736	1
EV 3	207872	1	HD 20	207737	1
EV 4	207888	1	LOT 3604 (67)	207499	1
FFE 13	207723	1	LOT 3712 (75)	207507	1
FFE 14	207724	1	LOT 3713 (76)	207508	1
FFE 15	207725	1	LOT 4139 (82)	207514	1
FFE 16	207726	1	LOT 4142 (85)	207516	1
FFE 17	207727	1	LOT 4143 (83)	207515	1
FFE 19	207728	1	LOT 4146 (84)	306737	1
FI 2 FR	207877	1	SAP 5 FR	207855	1
FI 4 FR	207878	1	VAL 19	207718	1
FLO 1 FR	207879	1	VAL 20	207719	1
GIB 19 FR	207853	1	VAL 21	207720	1
GIB 20 FR	207854	1	VAL 22	207721	1
GJ 20 FR	207871	1	VAL 23	207882	1
HA 1	207763	1	VAL 24	207883	1
HA 2	207764	1	VAL 25	207886	1
HA 3	207765	1	VAL 26	207885	1
HA 4	207766	1	VAL 27	207722	1
HA 5	207880	1	VE 21	207777	1
HA 6	207881	1	VE 22	207778	1
HAS 2	207767	1	ZIP 1 FR	203987	1
TOTAL NUMBER OF UNITS = 68					

Table 1
Mineral Claims and Mining Leases
of the Green Mineral Claim Group

4. SOIL SURVEY

4.1 Objective

The purpose of the 1999 geochemical soil survey on the Green Group was to sample a portion of the area between the Gibraltar and Sawmill mineralized trends to determine if additional mineralized structures existed between the two trends.

4.2 Discussion

The geochemical soil survey consisted of two lines running at 045° Az. (see Figure 3). The lines were designed to properly cross regional structural trends that typically strike between 270° and 330° Az. The lines were also positioned in an area where significant outcrop was known to exist. A baseline was established from a known landmark, and the lines were established from the baseline. The lines were spaced 450 m apart and soil samples were taken at 50 m intervals. At each sample site, soil was collected in standard kraft bags and pertinent information was recorded (see Appendix B: Field Notes). The soil type was identified by four horizons: O - organic layer, A - leached layer, B - enriched layer, and C - unaltered layer. Mainly B or C horizon samples were collected. Sample depths ranged between 15 and 20 cm. Each sample site was evaluated in regards to soil type, drainage conditions, soil parentage and vegetation. A total of 82 soil samples were assayed by the multi-element (30) ICP analysis with aqua regia digestion method (see Appendix C and D).

4.3 Results

An analysis of the assay results showed that no significant anomalous values were found in the survey area. However, a few elevated copper and zinc values may be of interest if future work is done. These values (copper, greater than or equal to 100 ppm and zinc, greater than or equal to 200 ppm) are shown on Figures 3.

4.4 Interpretation

The consistently low results indicate that no near surface mineralized structures exists in the survey area. The few elevated Cu and Zn values, shown on Figure 3, appear to be some what sporadic, however, field notes indicate that there is some relationship to drainage patterns. Rock outcrop, encountered along the lines, was interpreted to be weak to moderately foliated quartz diorite. No sulfide mineralization was encountered.

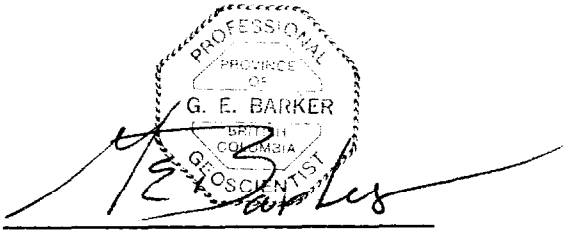
5. STATEMENT OF COSTS

1999 Geochemical Soil Survey on the Green Mineral Claim Group

Transportation Costs		
Capstone Geological Services, 150 Mile House, B.C.		
511 km @ $0.33/km = $168.63		**$168.63**
Sample Preparation and Assay Costs		
Min-En Labs (TSL Assayers), Vancouver B.C.		
82 samples @ $9.10/sample = $746.20		**$746.20**
Personnel Costs (Capstone Geological Services)		
Field Work and Supervision		
G. Barker	3 days @ $375.00/day = $1,125.00	
Field Work		
M. Rydman	3 days @ $275.00/day = $825.00	
Total Personnel Costs	$1,950.00	**$1,950.00**
Total Costs		**$2,864.83**

6. CONCLUSION

The 1999 geochemical soil survey on the Green Mineral Claim Group has revealed that no near surface mineralized structures exists in the survey area. The presence of minor copper and zinc anomalies may be related to element concentration in drainage patterns. Although the results are negative, the work only covers a small part of the area between the Gibraltar and Sawmill mineralized trends and an expanded geochemical survey is warranted. Geochemical work should be followed by geophysical work (I.P.) to test for deep mineralized structures.



George E. Barker, B.Sc., P.Geo.
Geologist
CAPSTONE GEOLOGICAL SERVICES

7. BIBLIOGRAPHY

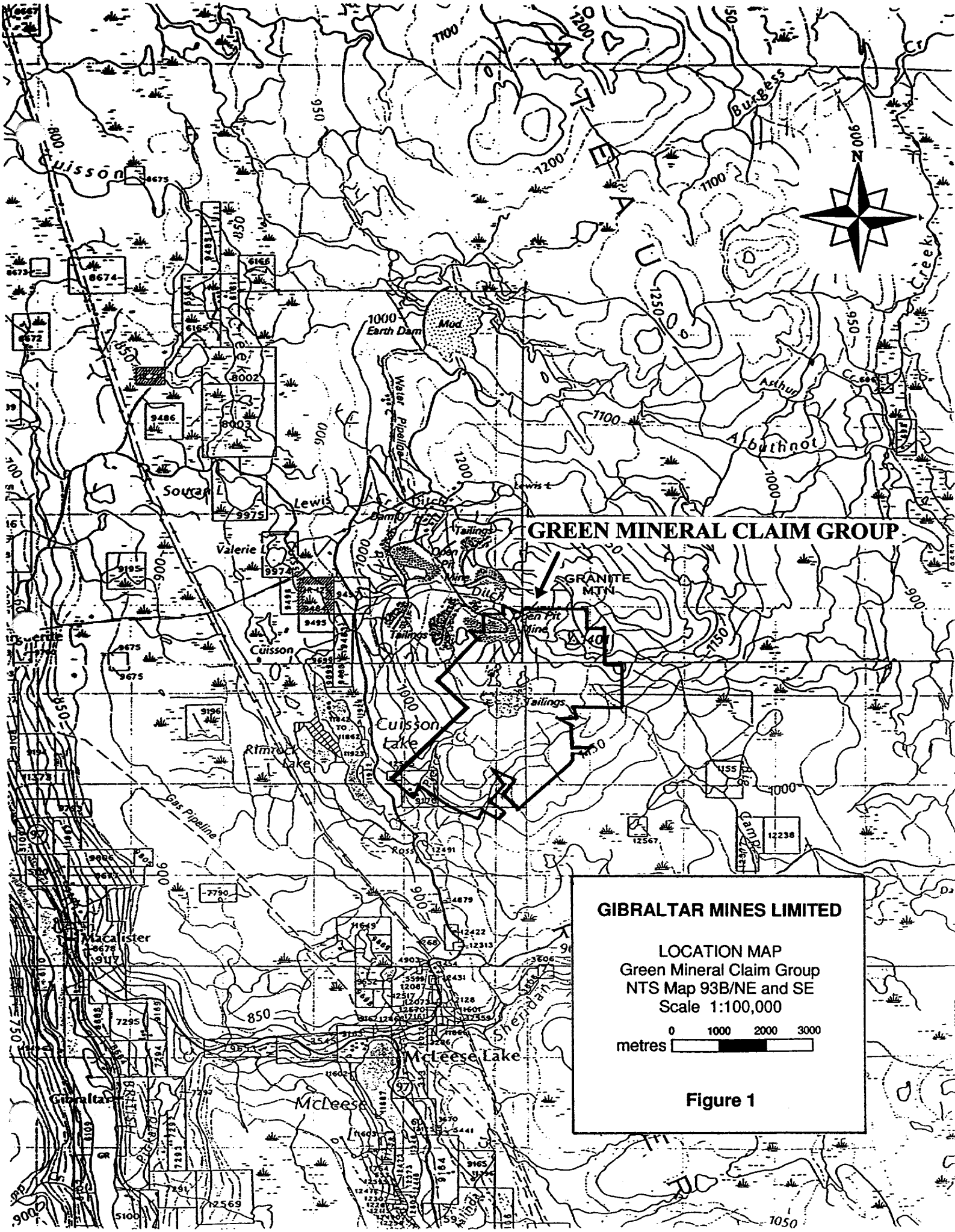
Ash, C. H., Rydman, M. O., Payne, C. W. & Panteleyev, A. (1998), Geological Setting of the Gibraltar Mine, South Central British Columbia. *Ministry of Energy and Mines, Exploration and Mining in British Columbia - 1998*

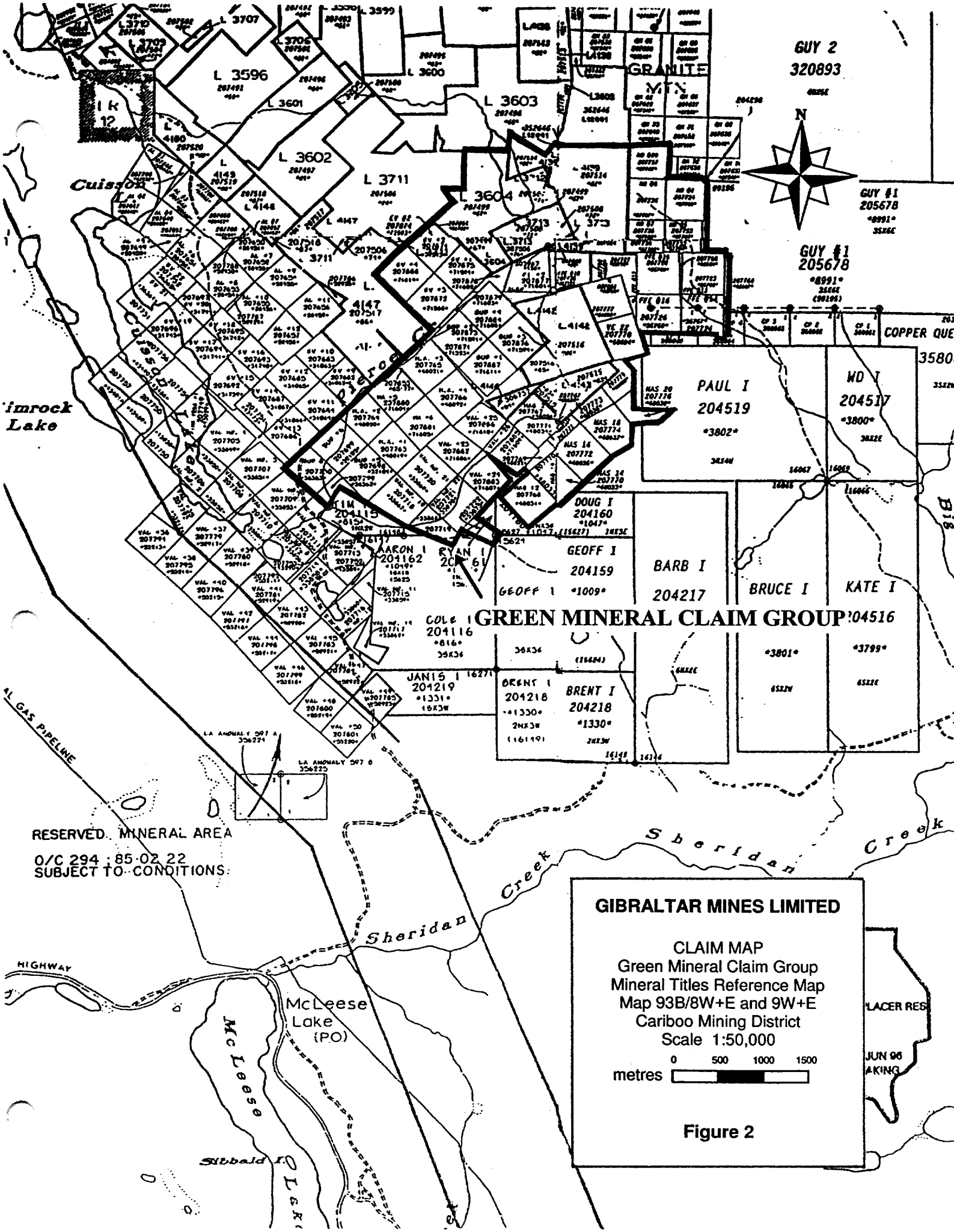
Bysouth, G. D., Campbell, K. V., Barker, G. E. & Gagnier, G. K. (1995), Tonalite-Trondhjemite Fractionation of Peraluminous Magma and the Formation of Syntectonic Porphyry Copper Mineralization, Gibraltar Mine, Central British Columbia. In Schroeter T. G. (ed), *Porphyry Deposits of the Northwestern Cordillera of North America*, C.I.M., Special Volume 46, Paper 10, p. 201-213.

Bysouth, G. D. (1987) Assessment Report: Diamond Drill Report on the Green Group.

Thon, M. R. (1988) Assessment Report: Diamond Drill Report on the Green Group.

8. LIST OF FIGURES


GREEN MINERAL CLAIM GROUP
GRANITE MTN
Open Pit Mine
Tailings
Cuisson
Cuisson Lake
Rimrock Lake
Lewis L
Valerie L
Souran L
Mud
1000 Earth Dam
Water Pipeline
Ditch
Gas Pipeline
Macalister
Gibraltar
McLeese Lake
McLeese L
Sheridan
Burgess
Arthur
Arbuthnot
Creek
GIBRALTAR MINES LIMITED
LOCATION MAP
Green Mineral Claim Group
NTS Map 93B/NE and SE
Scale 1:100,000
0 1000 2000 3000
metres
Figure 1



GIBRALTAR MINES LIMITED

CLAIM MAP
Green Mineral Claim Group
Mineral Titles Reference Map
Map 93B/8W+E and 9W+E
Cariboo Mining District
Scale 1:50,000

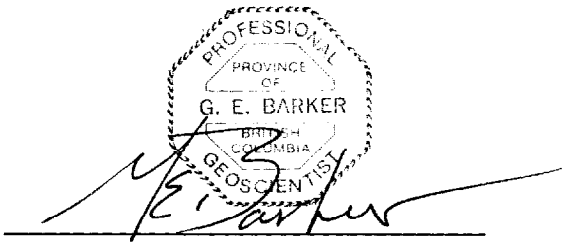
Figure 2

APPENDIX A : STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS - George E. Barker

I, George E. Barker, of Capstone Geological Services, P.O. Box 299, 150 Mile House, British Columbia, V0K 2G0, do certify that:

- I am a Professional Geoscientist (Geology).
- I am a registered member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, registration number 19697.
- I am a graduate of the University of Waterloo, receiving a Bachelor of Science Degree (General – earth science emphasis) in 1985.
- I am a graduate of the British Columbia Institute of Technology, receiving a Diploma of Technology (Extractive Metallurgy) in 1969.
- From 1978 to the present I have been engaged in mining and exploration geology in British Columbia.
- I personally supervised and participated in the fieldwork, interpreted the results and prepared the report.



George E. Barker, B.Sc., P.Geo.

APPENDIX B : FIELD NOTES

Geochem Soil Survey				Oct. 5/99	
Line 1	NE				
STN	#SAMPLES	VEG	Description		
L1-0	C	fir/pine cutblock	sandy/silt light brn		
0050NE	C	"	"	"	"
0100NE	C	"	• sandy/silt • few rx • light brown		
0150NE	C	"	"	"	"
0200NE	C	"	"	"	"
0250NE	C	alders roadside	• silt/clay • angular rx • dark brown		
0300NE	C	fir/pine cutblock	• sand/silt • angular rx • light brown		
0350NE	C	"	"	"	"
0400NE	C	"	"	"	"
0450NE	C	"	"	"	"
0500NE	C	"	• clay (silt) • few rx • light brown		
0550NE	C + organics	"	• sand/silt • higher organics • dark brown		
0600NE	C + organics	"	"	"	"
0650NE	C + organics	"	"	"	"
0700NE	C	"	• sand/silt • few rx • light brown		
0750NE	C	"	"	"	"
0800NE	A	"	• leach zone • light grey/brn • sand/silt		
0850NE	C	"	• sand/silt • more large rocks • light brown		
0900NE	C	"	"	"	"
0950NE	C	"	"	"	• very many ang. rx
1000NE	C	pine/fir forested	"	"	"
1050NE	B	"	• rusty brown	"	"
1100NE	B	"	• rusty brown	"	"

Geochem Soil Survey					Oct. 5/99
Line	2 NE				
STN	HORIZON	VEG	DESCRIPTION		
12-0000	C	pine/fir	• sand/silt • light brown	• round rx	
0050 NE	C	pine/fir cutblock	"	"	"
0100 NE	B	"	• sand/silt • rusty brown	• round rx	
0150 NE	C	"	• sand/silt • light brown	• few rx	
0200 NE	C+organics	"	• sand/silt • dark brown	• organics	
0250 NE	C	"	• sand/silt • light brown	• few rocks	
0300 NE	C+organics	spruce alders	• silt/clay • light brown/dark brown	• many rocks	
Oct. 6/99 0350 NE	C+organics	Pine spruce	• sand/silt • dark brown	• organics • scarce rx	
0400 NE	organics	"	• dark brown • @ creek	• organics	
0450 NE	C+organics	pine/spruce 2nd growth	• sand/silt • light brown	• organics • few rx	
0500 NE	C	"	"	"	"
0550 NE	C	"	• sand/silt • light brown	• few rx	
0600 NE	C	"	• sand/silt • light brown	• many rocks	
claim line@621 0650 NE	C	"	"	"	"
0700 NE	C	"	"	"	"
0750 NE	C	"	• sand/silt • light brown	• many rocks • hillside	
0800 NE	C	pine hillside	"	• near o/c	
0850 NE	B	"	• sand/silt • rusty brown	• numerous rx • hillside	
0900 NE	C+organics	pine/spruce 2nd growth	• silt/clay • dark brown	• organics • rock frags	
0950 NE	C	"	• sand/silt • light brown	• rock frags	
1000 NE	C	"	"	"	"
1050 NE	C	"	"	"	"
1100 NE	C	"	"	"	"

NEVILLE CROSBY INC.

Geochem Soil Survey Oct. 6/99

Line 2 SW

STN	HORIZON	VEG	DESCRIPTION		
L2-0050SW	C	pine/fir forested	• sand/silt • light brown	• rx	frags.
0100SW	C	"	"	"	"
0150 SW	C	"	"	"	"
0200 SW	C	"	"	"	"
0250 SW	C	"	"	"	"
0300SW	C	"	"	"	"
0350SW	C	"	"	"	"
0400SW	C	"	"	"	"
0450SW	C	cutblock no 2nd growth	"	"	"
0500SW	B	"	• silt/clay • few • rusty brown	rx frags	
0550 SW	C	"	• sand/silt • light brown	• rx frag	
0600 SW	C/B	"	• sand/silt • light brown/rusty	• rx frag	
0650SW	C	"	• sand/silt • light brown	• rx frag.	
0700SW	C/B	pine/fir forested	• sand/silt • light brown/rusty	• rx frag	
0750 SW	B	"	• silt/clay • rust brn	• rx • leach zone	frag
0800SW	A	"	• silt/clay • grey brn	• leach zone • rx frag	
0850 SW	C	"	• silt/clay • light brn	• rx frag	
0900 SW	C	"	"	"	"
0950 SW	C	"	"	"	"
1000 SW	C	"	"	"	"
1050 SW	C	"	"	"	"
1100 SW	C	"	"	"	"

Geochem Soil Survey | Oct. 6/99

Line 1 SW

STN	HORIZON	VEG	DESCRIPTION		
L1-0050SW	C	cut block no 2nd growth	• sand/silt • light brn	• few rx	
0100 SW	C	"	"	"	• small rx frag
0150 SW	C	"	"	"	"
0200 SW	C	"	"	"	"
0250 SW	C?	disturbed logging landing	• clay	• brown to rusty	• no rx frag
0300 SW	C	cut block no 2nd growth	• sand/silt • light brn		• rx frag
0350 SW	C	on edge of cut block	"	"	"
0400 SW	C	pine/fir forested	"	"	"

Oct. 7/99

Line 2 SW (continued...)

STN	HORIZON	VEG	DESCRIPTION		
L2-1150SW	C	pine/fir forested	• sand/silt • light brn	• many rx frag	
1200 SW	C	"	"	"	"
1250 SW	C	"	"	"	"
1300 SW	C	"	"	"	"
1350 SW	C	"	"	"	"
1400 SW	C	"	"	"	"

NEVILLE CROSBY INC

APPENDIX C : ASSAY PROCEDURES

All samples were prepared and analyzed at Min-En Laboratories Ltd. (TSL Assayers), 8282 Sherbrooke Street, Vancouver, B.C., V5X 4E8, phone (604) 327-3436. A total of 82 samples were analyzed using the multi-element (30) ICP analysis with aqua regia digestion procedure.

APPENDIX D : ASSAY CERTIFICATES

TSL Assayers Vancouver
8282 Sherbrooke St., Vancouver, B.C., V5X 4R6
Tel: (604) 327-3436 Fax: (604) 327-3423

Taseko Mines Ltd
Attention: Eric Titley
Project: GIB-Q
Sample: .

Report No : 9V0378 SJ
Date : Oct-13-99

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
:- 0000 BL	0.4	0.97	<5	90	<0.5	<5	0.21	<1	7	28	27	1.83	0.04	0.42	255	<2	0.01	17	230	4	<5	2	<10	17	0.10	41	<10	3	95	2
:- 0050 NE	0.2	1.16	<5	90	<0.5	<5	0.24	<1	7	31	44	2.07	0.05	0.55	250	<2	0.02	20	260	2	<5	2	<10	20	0.10	42	<10	3	80	3
1- 0100 NE	<0.2	0.91	<5	100	<0.5	<5	0.19	<1	6	23	25	1.66	0.04	0.35	205	<2	0.01	13	240	4	<5	2	<10	16	0.08	37	<10	2	72	2
1- 0150 NE	<0.2	0.97	<5	80	<0.5	<5	0.19	<1	7	26	21	1.63	0.05	0.44	215	<2	0.01	17	190	4	<5	2	<10	14	0.10	35	<10	2	80	3
1- 0200 NE	<0.2	1.15	<5	90	<0.5	<5	0.23	<1	7	30	27	1.85	0.05	0.53	235	<2	0.01	19	320	4	<5	2	<10	18	0.09	37	<10	3	80	2
1- 0250 NE	<0.2	1.46	5	140	<0.5	<5	0.50	<1	12	46	84	2.91	0.11	0.74	605	<2	0.01	35	610	6	<5	4	<10	34	0.09	54	<10	7	104	5
1- 0300 NE	<0.2	1.04	<5	80	<0.5	<5	0.27	<1	8	28	23	1.79	0.05	0.55	325	<2	0.02	16	190	2	<5	2	<10	21	0.10	37	<10	3	74	2
1- 0350 NE	<0.2	1.18	<5	80	<0.5	<5	0.31	<1	8	30	25	1.96	0.07	0.64	330	<2	0.02	17	450	4	<5	2	<10	25	0.11	40	<10	3	70	3
1- 0400 NE	<0.2	1.03	<5	80	<0.5	<5	0.25	<1	7	26	20	1.85	0.05	0.56	270	<2	0.02	15	270	6	<5	2	<10	21	0.10	40	<10	3	73	2
1- 0450 NE	<0.2	1.32	<5	120	<0.5	<5	0.25	<1	8	35	37	2.10	0.06	0.52	465	<2	0.01	23	260	2	<5	2	<10	22	0.10	41	<10	4	98	2
1- 0500 NE	<0.2	1.13	<5	90	<0.5	<5	0.27	<1	7	34	29	1.87	0.06	0.51	255	<2	0.02	19	200	2	<5	2	<10	21	0.13	40	<10	3	76	3
1- 0550 NE	<0.2	1.41	<5	120	<0.5	<5	0.28	<1	8	39	38	2.19	0.06	0.57	365	<2	0.01	24	310	<2	<5	3	<10	23	0.10	43	<10	4	91	2
1- 0600 NE	<0.2	1.96	<5	210	0.5	<5	0.41	<1	11	49	80	2.69	0.10	0.67	755	<2	0.01	35	560	<2	<5	4	<10	37	0.07	46	<10	8	117	2
1- 0650 NE	<0.2	2.68	<5	250	0.5	<5	0.39	<1	17	71	102	3.44	0.12	0.86	1050	<2	0.02	46	700	4	<5	4	<10	41	0.06	60	<10	10	146	3
1- 0700 NE	<0.2	1.60	<5	160	<0.5	<5	0.27	<1	11	39	46	2.30	0.06	0.59	540	<2	0.02	26	300	2	<5	2	<10	25	0.08	45	<10	4	94	2
1- 0750 NE	<0.2	1.15	<5	110	<0.5	<5	0.29	<1	7	30	37	1.77	0.05	0.49	305	<2	0.02	17	280	<2	<5	2	<10	22	0.08	36	<10	3	67	2
1- 0800 NE	<0.2	1.18	<5	110	<0.5	<5	0.35	<1	7	35	61	1.77	0.05	0.50	385	<2	0.01	20	330	6	<5	2	<10	25	0.08	35	<10	5	74	2
1- 0850 NE	<0.2	1.28	<5	120	<0.5	<5	0.32	<1	7	31	43	1.81	0.05	0.54	295	<2	0.02	20	270	2	<5	2	<10	25	0.09	36	<10	4	85	2
1- 0900 NE	<0.2	1.16	<5	100	<0.5	<5	0.23	<1	8	32	33	1.86	0.04	0.46	325	<2	0.01	19	250	2	<5	2	<10	18	0.10	39	<10	3	94	2
1- 0950 NE	<0.2	1.06	<5	90	<0.5	<5	0.20	<1	8	28	25	1.79	0.04	0.38	235	<2	0.01	16	260	2	<5	2	<10	15	0.09	38	<10	3	77	2
1- 1000 NE	<0.2	1.28	<5	110	<0.5	<5	0.20	<1	7	36	37	2.01	0.04	0.47	260	<2	0.01	21	280	<2	<5	2	<10	17	0.11	41	<10	3	77	2
1- 1050 NE	<0.2	1.64	<5	170	<0.5	<5	0.19	<1	10	31	33	2.20	0.05	0.34	810	<2	0.01	22	640	4	<5	2	<10	14	0.07	41	<10	2	116	2
1- 1100 NE	<0.2	1.98	<5	110	<0.5	<5	0.18	<1	9	33	38	2.56	0.05	0.46	370	<2	0.01	22	730	<2	<5	2	<10	15	0.08	48	<10	2	108	3
2- 0000 BL	<0.2	1.18	<5	100	<0.5	<5	0.28	<1	7	28	34	1.87	0.05	0.49	525	<2	0.01	18	390	2	<5	2	<10	21	0.08	35	<10	3	99	2
2- 0050 NE	<0.2	1.23	<5	110	<0.5	<5	0.28	<1	11	31	30	1.92	0.05	0.51	375	4	0.01	30	350	6	<5	2	30	25	0.10	43	<10	3	81	2
2- 0100 NE	<0.2	1.30	<5	90	<0.5	<5	0.26	<1	9	32	37	2.23	0.05	0.59	300	<2	0.01	21	430	4	<5	2	<10	20	0.10	46	<10	2	95	2
2- 0150 NE	<0.2	0.98	<5	70	<0.5	<5	0.26	<1	6	25	20	1.73	0.05	0.42	310	<2	0.01	15	290	4	<5	1	<10	20	0.10	40	<10	2	88	2
2- 0200 NE	<0.2	1.37	<5	150	<0.5	<5	0.25	<1	11	32	50	2.07	0.06	0.45	510	2	0.01	19	360	6	<5	2	<10	27	0.06	42	<10	5	81	2
2- 0250 NE	<0.2	1.09	<5	90	<0.5	<5	0.23	<1	6	27	24	1.69	0.04	0.46	180	<2	0.01	14	250	4	<5	2	<10	22	0.08	36	<10	3	60	2
2- 0300 NE	0.2	0.73	<5	100	<0.5	<5	0.37	<1	4	16	19	1.13	0.04	0.29	175	<2	0.01	9	210	4	<5	1	<10	26	0.07	29	<10	2	45	1

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

Signed:

TSL Assayers Vancouver
8282 Sherbrooke St., Vancouver, B.C., V5X 4R6
Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9V0378 SJ
Date : Oct-13-99

Taseko Mines Ltd
Attention: Eric Titley
Project: GIB-Q
Sample: .

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
- 0350 NE	0.2	2.34	<5	400	0.5	<5	0.44	<1	18	53	73	3.22	0.09	0.66	1265	2	0.01	40	640	6	<5	4	<10	37	0.06	52	<10	5	154	3
- 0400 NE	<0.2	2.29	5	280	0.5	<5	1.04	<1	10	58	161	3.04	0.09	0.57	1255	4	0.01	54	670	4	5	6	<10	60	0.05	42	<10	17	141	7
- 0450 NE	0.2	2.48	<5	260	0.5	<5	0.41	<1	14	59	104	3.46	0.10	0.66	950	2	0.01	42	860	6	<5	4	<10	39	0.06	60	<10	7	172	3
- 0500 NE	<0.2	2.35	<5	250	0.5	<5	0.41	<1	15	53	114	3.00	0.09	0.70	1185	2	0.01	38	680	6	<5	4	<10	39	0.06	49	<10	10	127	2
- 0550 NE	<0.2	0.94	<5	80	<0.5	<5	0.21	<1	5	24	32	1.70	0.03	0.36	180	<2	0.01	14	260	2	<5	2	<10	17	0.08	37	<10	2	64	2
- 0600 NE	<0.2	1.11	<5	100	<0.5	<5	0.26	<1	7	25	33	1.84	0.04	0.47	255	<2	0.01	17	330	2	<5	2	<10	22	0.08	37	<10	3	71	2
- 0650 NE	<0.2	1.18	<5	130	<0.5	<5	0.28	<1	7	26	42	1.77	0.04	0.42	585	<2	0.01	18	290	2	<5	2	<10	25	0.07	36	<10	5	78	1
- 0700 NE	0.2	1.00	<5	90	<0.5	<5	0.26	<1	8	22	19	1.80	0.04	0.44	385	<2	0.01	14	240	6	<5	2	<10	21	0.10	38	<10	2	75	3
- 0750 NE	<0.2	1.36	<5	120	<0.5	<5	0.36	<1	8	28	23	2.29	0.06	0.48	375	<2	0.01	20	510	4	<5	2	<10	26	0.09	46	<10	2	100	2
- 0800 NE	<0.2	1.41	<5	120	<0.5	<5	0.25	<1	7	25	21	2.15	0.04	0.47	515	<2	0.01	17	390	4	<5	1	<10	21	0.08	42	<10	2	247	2
- 0850 NE	<0.2	1.48	<5	130	<0.5	<5	0.19	<1	9	27	27	2.25	0.06	0.41	700	<2	0.01	21	510	4	<5	2	<10	16	0.08	43	<10	2	105	2
- 0900 NE	0.4	3.46	<5	260	0.5	<5	0.29	<1	9	61	160	2.92	0.12	0.61	255	<2	0.01	46	1450	2	<5	3	<10	27	0.04	40	<10	7	137	4
- 0950 NE	<0.2	1.61	<5	150	<0.5	<5	0.26	<1	8	33	57	2.16	0.06	0.51	405	<2	0.01	22	410	6	<5	2	<10	20	0.06	38	<10	5	87	2
- 1000 NE	0.2	1.18	<5	100	<0.5	<5	0.25	<1	7	27	33	1.89	0.05	0.44	335	<2	0.01	16	400	<2	<5	2	<10	19	0.07	37	<10	2	71	1
- 1050 NE	<0.2	1.14	<5	130	<0.5	<5	0.29	<1	8	31	40	1.94	0.05	0.45	415	2	0.01	18	320	4	<5	2	<10	24	0.07	38	<10	3	83	2
- 1100 NE	<0.2	1.54	<5	160	<0.5	<5	0.29	<1	9	38	55	2.37	0.05	0.50	535	<2	0.01	27	290	4	<5	3	<10	24	0.08	44	<10	4	117	2
- 0050 SW	<0.2	1.19	<5	90	<0.5	<5	0.26	<1	7	24	31	1.75	0.05	0.55	420	<2	0.01	16	300	2	<5	2	<10	23	0.08	33	<10	3	72	1
- 0100 SW	<0.2	1.39	<5	120	<0.5	<5	0.24	<1	9	31	46	2.03	0.06	0.55	285	<2	0.01	20	350	6	<5	2	<10	24	0.08	37	<10	3	92	1
- 0150 SW	1.2	1.24	<5	120	<0.5	<5	0.25	<1	8	27	37	1.92	0.05	0.60	385	<2	0.01	18	380	16	<5	2	<10	22	0.08	36	<10	3	97	2
- 0200 SW	0.4	1.33	<5	110	<0.5	<5	0.25	<1	8	28	41	1.96	0.05	0.59	350	<2	0.01	20	270	4	<5	2	<10	21	0.10	38	<10	3	102	2
- 0250 SW	0.4	1.33	<5	110	<0.5	<5	0.29	<1	9	32	43	1.96	0.06	0.59	405	<2	0.01	24	330	4	<5	2	<10	22	0.10	38	<10	3	104	2
- 0300 SW	<0.2	1.06	<5	80	<0.5	<5	0.24	<1	7	20	25	1.60	0.04	0.48	210	<2	0.01	13	240	4	<5	2	<10	18	0.10	32	<10	2	85	2
- 0350 SW	0.4	1.57	<5	120	<0.5	<5	0.24	<1	7	32	66	1.86	0.05	0.50	355	<2	0.01	24	400	4	<5	2	<10	21	0.07	32	<10	3	95	2
- 0400 SW	<0.2	1.29	<5	100	<0.5	<5	0.22	<1	8	26	42	2.02	0.04	0.55	265	<2	0.01	18	280	4	<5	2	<10	16	0.09	41	<10	2	101	2
- 0450 SW	<0.2	1.59	<5	100	<0.5	<5	0.26	<1	9	29	61	2.45	0.05	0.69	405	<2	0.01	22	580	2	<5	2	<10	19	0.08	45	<10	3	101	3
- 0500 SW	0.2	2.08	<5	130	<0.5	<5	0.25	<1	10	37	83	2.90	0.05	0.74	310	<2	0.01	27	560	4	<5	3	<10	19	0.09	54	<10	3	137	3
- 0550 SW	<0.2	1.16	<5	110	<0.5	<5	0.27	<1	7	20	18	1.81	0.05	0.46	425	<2	0.01	15	490	4	<5	1	<10	18	0.07	36	<10	1	101	2
- 0600 SW	<0.2	1.32	<5	100	<0.5	<5	0.25	<1	10	34	33	2.40	0.04	0.61	300	<2	0.01	24	340	6	<5	2	<10	19	0.12	49	<10	2	80	3
- 0650 SW	0.2	0.83	<5	60	<0.5	<5	0.22	<1	6	18	18	1.56	0.05	0.37	270	<2	0.01	11	290	4	<5	1	<10	15	0.09	33	<10	2	127	2
- 0700 SW	<0.2	1.05	<5	170	<0.5	<5	0.22	<1	8	26	35	2.00	0.07	0.40	450	<2	0.01	18	740	2	<5	2	<10	18	0.09	37	<10	3	200	3

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

Signed:

TSL Assayers Vancouver
8282 Sherbrooke St., Vancouver, B.C., V5X 4R6
Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9V0378 SJ
Date : Oct-13-99

Taseko Mines Ltd
Attention: Eric Titley
Project: GIB-Q
Sample: .

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
- 0750 SW	<0.2	1.27	<5	110	<0.5	<5	0.26	<1	8	26	17	2.23	0.05	0.49	275	<2	0.01	21	650	2	<5	2	<10	21	0.09	40	<10	2	184	5
- 0800 SW	<0.2	0.92	<5	90	<0.5	<5	0.22	<1	7	21	26	1.67	0.04	0.45	300	<2	0.01	13	240	4	<5	1	<10	20	0.09	33	<10	2	94	2
- 0850 SW	<0.2	1.13	<5	80	<0.5	<5	0.27	<1	8	26	44	2.06	0.04	0.65	295	<2	0.01	18	260	4	<5	2	<10	22	0.11	42	<10	3	102	3
- 0900 SW	<0.2	0.97	<5	80	<0.5	<5	0.22	<1	6	20	33	3.54	0.03	0.47	255	<2	0.01	14	120	4	<5	2	<10	17	0.09	33	<10	2	108	2
- 0950 SW	0.2	2.01	<5	200	0.5	<5	0.36	<1	11	43	114	2.73	0.09	0.80	775	<2	0.01	36	480	6	<5	3	<10	32	0.07	45	<10	6	246	2
- 1000 SW	<0.2	1.40	<5	120	<0.5	<5	0.26	<1	11	27	100	1.95	0.05	0.56	430	2	0.01	22	210	2	<5	2	<10	21	0.07	39	<10	3	233	2
- 1050 SW	<0.2	1.30	<5	70	<0.5	<5	0.22	<1	9	25	33	2.53	0.04	0.77	370	<2	0.01	17	500	6	<5	2	<10	17	0.10	50	<10	2	202	2
- 1100 SW	<0.2	1.11	<5	100	<0.5	<5	0.24	<1	7	20	41	1.61	0.04	0.59	295	<2	0.01	15	160	2	<5	1	<10	19	0.09	32	<10	2	149	2
- 1150 SW	<0.2	1.28	<5	140	<0.5	<5	0.30	<1	10	27	50	1.93	0.05	0.60	605	<2	0.01	23	240	2	<5	2	<10	27	0.09	38	<10	3	171	2
- 1200 SW	<0.2	1.22	<5	100	<0.5	<5	0.28	<1	8	25	43	1.75	0.05	0.66	355	<2	0.01	19	200	4	<5	2	<10	23	0.09	33	<10	3	119	2
- 1250 SW	<0.2	0.98	<5	90	<0.5	<5	0.25	<1	7	22	27	1.69	0.05	0.49	315	<2	0.01	15	220	2	<5	2	<10	21	0.09	34	<10	3	87	2
- 1300 SW	<0.2	1.28	<5	120	<0.5	<5	0.26	<1	8	30	53	1.87	0.06	0.56	390	<2	0.01	24	250	2	<5	2	<10	21	0.09	36	<10	3	128	2
- 1350 SW	0.2	1.44	<5	140	<0.5	<5	0.29	<1	9	34	64	2.26	0.07	0.66	475	<2	0.01	24	380	2	<5	3	<10	26	0.08	39	<10	5	123	2
- 1400 SW	0.2	1.64	<5	160	<0.5	<5	0.32	<1	11	36	81	2.58	0.08	0.70	545	<2	0.01	28	650	6	<5	3	<10	29	0.07	44	<10	5	175	2
- 0050 SW	0.2	0.80	<5	90	<0.5	<5	0.23	<1	7	23	16	1.73	0.05	0.35	365	<2	0.01	12	410	2	<5	1	<10	17	0.09	37	<10	2	121	2
- 0100 SW	1.2	0.89	<5	100	<0.5	<5	0.26	<1	6	24	31	1.64	0.04	0.38	285	<2	0.01	14	210	4	<5	1	<10	20	0.08	37	<10	3	80	2
- 0150 SW	<0.2	0.95	<5	100	<0.5	<5	0.25	<1	6	24	35	1.71	0.04	0.42	245	<2	0.01	13	210	4	<5	2	<10	19	0.09	37	<10	3	106	3
- 0200 SW	<0.2	1.08	<5	80	<0.5	<5	0.23	<1	7	30	35	2.08	0.04	0.56	250	<2	0.01	17	370	4	<5	2	<10	19	0.10	45	<10	3	71	3
- 0250 SW	0.2	1.98	<5	180	<0.5	<5	0.40	<1	16	61	134	3.93	0.09	0.93	625	<2	0.01	37	640	6	<5	6	<10	35	0.11	71	<10	6	126	14
- 0300 SW	<0.2	1.15	<5	90	<0.5	<5	0.26	<1	10	25	31	2.16	0.04	0.68	590	<2	0.01	18	420	<2	<5	2	<10	21	0.09	45	<10	2	97	2
- 0350 SW	2.2	1.12	<5	60	<0.5	<5	0.30	<1	10	26	42	2.50	0.06	0.73	330	<2	0.01	17	350	4	<5	2	<10	21	0.11	50	<10	2	105	3
- 0400 SW	0.2	1.07	<5	60	<0.5	<5	0.25	<1	9	25	30	2.29	0.04	0.64	275	<2	0.01	16	290	2	<5	2	<10	19	0.11	49	<10	2	89	3

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed: _____

Granite Lake Pit

Lot 3712 (75)

Lot 3604 (67)

Lot 4139 (82)

Lot 3713 (76)

HD 20

HD 8

HD 6

HD 7

HD 5

GIB 20 FR

ZIP 1 FR

CAROL 6 FR

FFE 17

FFE 15

CAROL 4 FR

FFE 13

CAROL 7 FR

EV 2

EV 4

EV 1

EV 3

FI 2 FR

FFE 19

FI 4 FR

SAP 5 FR

FLO 1 FR

BUD 4

LINE 2

1100 NE

1000 NE

0750 NE

VE 21

FFE 16

FFE 14

Lot 4142 (85)

LINE 1

VE 22

50000E

60000E

40000N

BUD 2

BUD 3

GJ 20 FR

BUD 1

HA 3

GIB 19 FR

HA 5

HA 4

0250 SW

0500 SW

0750 SW

1000 SW

1250 SW

1400 SW

0000 BL

BASELINE

0250 NE

0500 NE

0750 NE

Lot 4143 (83)

Lot 4146 (84)

HAS 19

HAS 17

HAS 20

HAS 2

HAS 15

HAS 18

HA 2

HA 6

VAL 25

HA 1

VAL 23

VAL 26

HAS 13

HAS 16

BUD 6

BUD 8

BUD 5

VAL 21

VAL 24

HAS 14

BUD 7

VAL 19

VAL 22

HAS 12

VAL 20

VAL 27

Mine Access Road

Sawmill Mineralized Zone

50000E

30000N

60000E

30000N

GIBRALTAR MINES LIMITED

GEOCHEMICAL SURVEY GRID
Green Mineral Claim Group

114 = Cu ppm (all values >/=100 ppm displayed)
246 = Zn ppm (all values >/=200 ppm displayed)

Scale = 1:12,000

metres 0 200 400 600

Figure 3