

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

**ASSESSMENT REPORT  
TITLE PAGE AND SUMMARY**

TITLE OF REPORT [type of survey(s)] Granite Mountain geological & geochemical exploration TOTAL COST \$13,018<sup>00</sup>

AUTHOR(S) David G. Bailey SIGNATURE(S) [Signature]

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) \_\_\_\_\_ YEAR OF WORK 2007

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 4160819

PROPERTY NAME Granite Mountain

CLAIM NAME(S) (on which work was done) 538578, 539183, 543075, 543076, 543077,  
548504, 549881

COMMODITIES SOUGHT Copper

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN \_\_\_\_\_

MINING DIVISION Cariboo NTS 93A/3

LATITUDE 52 ° 05 · 00 \* LONGITUDE 121 ° 09 · 00 \* (at centre of work)

OWNER(S)  
1) Eagle Peak Resources Inc. 2) \_\_\_\_\_

MAILING ADDRESS  
Suite 1500, 701 W. Georgia St.  
Vancouver, B.C., V7Y 1C6

OPERATOR(S) [who paid for the work]  
1) Eagle Peak Resources Inc. 2) \_\_\_\_\_

MAILING ADDRESS  
As above

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):  
Granodiorite, Triassic-Jurassic, Quesnel Terrane, chalcopyrite,  
malachite, steeply dipping small quartz veins

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS None

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
Ground, mapping	1:5000, 3600 ha		4422.00
Photo interpretation			
<b>GEOPHYSICAL (line-kilometres)</b>			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
<b>GEOCHEMICAL (number of samples analysed for ...)</b>			
Soil	121 samples, 100 ha	538578	7446.00
Silt			
Rock			
Other			
<b>DRILLING (total metres; number of holes, size)</b>			
Core			
Non-core			
<b>RELATED TECHNICAL</b>			
Sampling/assaying	121 analyses,	538578	1150.00
Petrographic			
Mineralographic			
Metallurgic			
<b>PROSPECTING (scale, area)</b>			
<b>PREPARATORY/PHYSICAL</b>			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
<b>TOTAL COST</b>			13,018.00

**BC Geological Survey  
Assessment Report  
29405**

**2007 EXPLORATION  
GRANITE MOUNTAIN PROJECT  
Mineral Tenure No's 538578, 539183,  
543075, 543076, 543077, 548504, 549881  
MOFFAT LAKES  
CARIBOO MINING DIVISION  
BRITISH COLUMBIA  
UTM ZONE 10U  
627000mE, 5774000mN**

**Event No. 4160819**

**TENEMENT HOLDER: EAGLE PEAK RESOURCES INC.  
Suite W. 703 - 1288 Alberni Street  
Vancouver B.C.  
V6E 4N5**

**OPERATOR: EAGLE PEAK RESOURCES INC.**

**Prepared By  
David G. Bailey, Ph.D., P.Geo.  
BAILEY GEOLOGICAL CONSULTANTS (CANADA) LTD.  
2695 Mountain Highway  
North Vancouver B.C.  
V7J 2N4**

**September 20, 2007**

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## **1. SUMMARY**

The Granite Mountain property, consisting of seven mineral tenures totaling 3,613.77 hectares, is located about 20 kilometres south of the village of Horsefly in south central British Columbia and is accessible by all weather secondary roads from both Horsefly and 150 Mile House on Highway 97. The property is has a subdued topography except for a central upland area and is covered by alder and juvenile pine planted over a old clear-cut logging block.

The property is underlain by the Upper Triassic - Lower Jurassic Takomkane batholith that was emplaced into the volcanic-sedimentary terrane of Quesnellia. Within the Granite Mountain property the only exposed bedrock is coarse grained granodiorite cut by narrow aplite dykes. Most of the property is covered by Quaternary glacial and fluvio-glacial deposits. Known mineralization comprises chalcopyrite and malachite associated with quartz veins and silicified zones within localized shears and fractures.

Exploration in 2007 consisted of geological mapping of the property and a small soil sampling programme designed to determine whether down-ice metal dispersion had occurred from known mineralization. Results of the soil sampling programme suggest that dispersion had occurred and that property-wide soil sampling may be effective in identifying areas that warrant followup geophysical exploration.

## 2. INTRODUCTION

### 2.1 General Statement

The Granite Mountain property, optioned by Eagle Peak Resources Inc., was the subject of preliminary exploration in 2007, consisting of geological mapping and soil geochemistry over the central part of the property, in order to determine its potential for hosting economic copper mineralization. This work was undertaken during the period June 22 - July 9, 2007 from a base at Horsefly, the nearest town to the project area.

### 2.2 Location, Access and Physiography

The Granite Mountain property is located in the central Caribou region of south central British Columbia 20 kilometres south of Horsefly at the west end of Horsefly Lake and 60 kilometres east of 150 Mile House on Highway 97. Access to the property is by unpaved all-season roads from Horsefly and 150 Mile House (Figure 1). Within the property vehicle access is limited to a former forestry access road.

The mineral tenures of the Granite Mountain project area are located entirely within a replanted logged area and vegetation now consists of juvenile pine and alder. The central part of the area is moderately hilly with a maximum elevation of 1,495m ASL but most of the property is flat-lying and swampy with an average elevation of about 1,350m ASL (Figure 2).

### 2.3 Mineral Tenements

The property is covered by seven mineral tenures totaling 3,613.77 hectares and which are listed below (Table 1). Tenement disposition is shown in Figure 3.

**Table 1**  
**Granite Mountain Mineral Tenures**

<b>Tenure No.</b>	<b>Claim Name</b>	<b>Good To Date</b>	<b>Area (ha)</b>
538578	MOFFAT	Oct. 31, 2008	496.35
539183	MOFFAT 2	Oct. 31, 2008	476.70
543075	M3	Oct. 31, 2008	496.17
543076	M4	Oct. 31, 2008	496.35
543077	M5	Oct. 31, 2008	79.44
548504	M2	Oct. 31, 2008	913.48
549881	M6	Oct. 31, 2008	158.93

### 2.4 Exploration History

There is no recorded exploration within the property area.

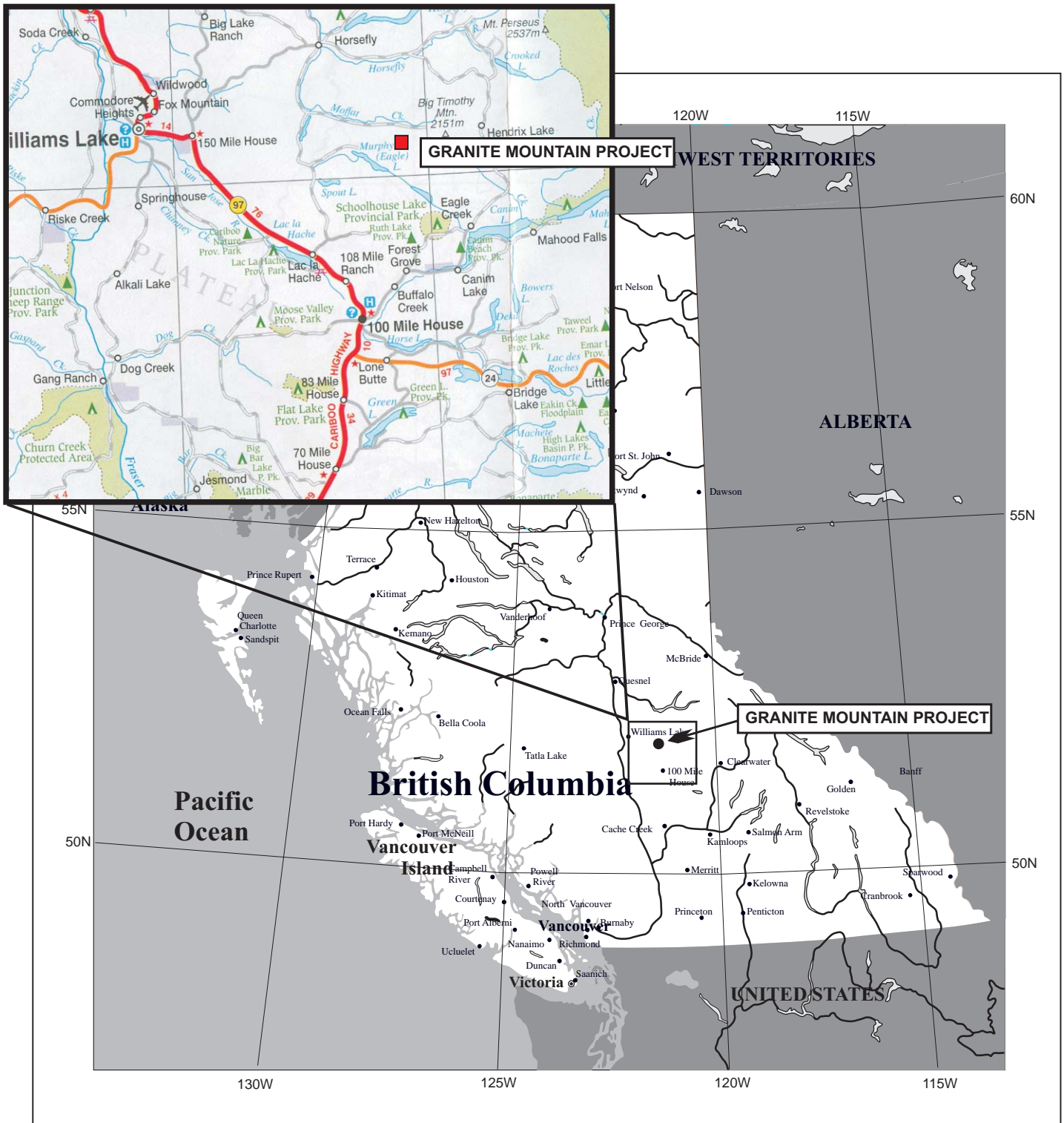


Figure 1. Location of the Granite Mountain project area, central Caribou, British Columbia.

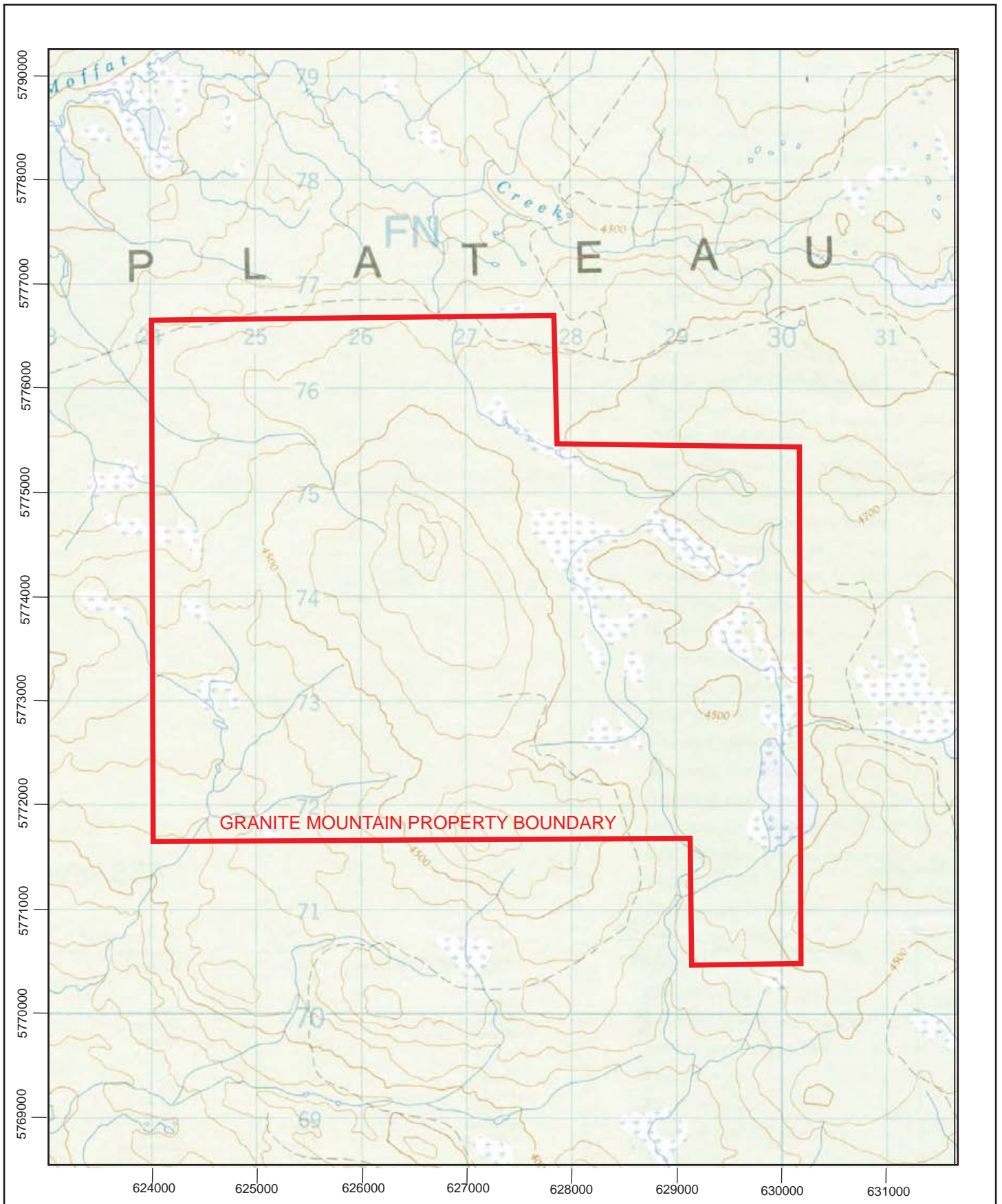
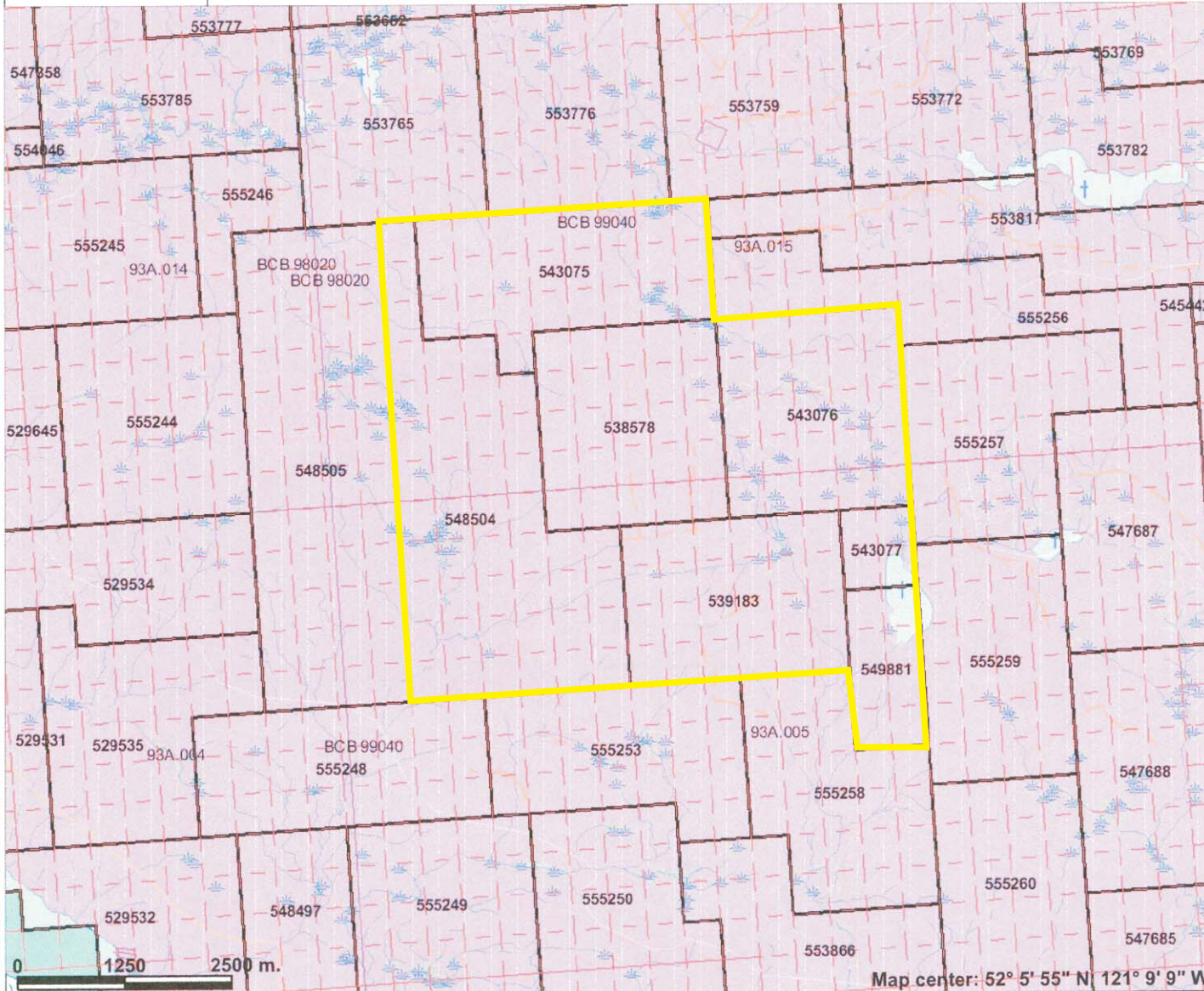


Figure 2. Topography of the the Granite Mountain project area. Base map extracted from NTS Map Sheet 93 A/3.



# Granite Mountain Project



## Legend

- Indian Reserves
- National Parks
- Parks
- Mineral Titles Grid (LRDW)
- Mineral Tenures (Mineral - LRDW)
- Mineral Claim
- Mineral Lease
- Reserves (Mineral - LRDW Sites)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Mining Division (MTO)
- Survey Parcels
- BCGS Grid
- Contours (1:250K)
- Contour - Index
- Contour - Intermediate
- Area of Exclusion
- Area of Indefinite Contours
- Transportation - Points (TRIM)
- Helipad
- Transportation - Lines (TRIM)
- Airfield
- Airport
- Airstrip
- Airport Abandoned
- Ferry Route
- Road (Gravel Undivided) - 1 Lane



Scale: 1:70,717

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Figure 3. Mineral tenure disposition, Granite Mountain project.

### **3.1 Regional Geology**

The geology of the region in which the Granite Mountain property is located has been mapped by the Geological Survey of Canada (Campbell, 1961) as being underlain mainly by diorite, granodiorite and quartz monzonite of the Upper Triassic - Lower Jurassic Takomkane batholith. Intruding the Takomkane batholith in its eastern part is the Cretaceous Boss Mountain stock. Small basaltic cinder cones, similar to the post-Pleistocene basaltic volcanic cones within the Wells Gray Provincial Park, occur within the region.

The Takomkane batholith has been emplaced within Upper Triassic strata of Quesnellia, a sedimentary-volcanic assemblage which developed to the west of North America during the Mesozoic. Most of the known mineral deposits of the region occur within Quesnellia and include alkalic porphyry copper-gold deposits such as Mount Polley to the north of Horsefly and the Spout Lake-Peach Lake deposits near Lac La Hache to the southwest of the Granite Mountain property. To the east of Granite Mountain is the past producing Boss Mountain molybdenite deposit within the Boss Mountain stock. A few kilometres to the north of Granite Mountain disseminated and stockwork copper mineralization associated with diorite is exposed in a pit excavated for road metal (626424mE, 5745237mE).

### **3.2 Geology of Granite Mountain**

#### **3.2.1 Lithologies**

The Granite Mountain property has little exposed bedrock and outcrops have been found only in the central and southern parts of the property. The dominant lithology is coarse grained hornblende biotite granodiorite, typical of much of the Takomkane batholith. An occasional coarse pegmatoid phase is seen in which euhedral orthoclase crystals up to five centimetres long occur with coarse plagioclase and hornblende. Small aplite dykes, two to five centimetres wide, cut both the pegmatoid phase and coarse grained granodiorite.

Glacially-derived deposits cover much of the area.

#### **3.2.2 Structure**

A steeply dipping orthogonal joint set striking easterly and northerly cuts the granodiorite. Local shear zones striking to the north or northeasterly and dipping at about 70° to the east are seen in a road cut exposing bedrock in the northern part of the claim group. These shears are commonly 50 - 100 metres apart.

#### **3.2.3 Mineralization and Alteration**

Minor chalcopyrite and malachite occur marginal to small quartz veins within shear zones cutting granodiorite. Wall rock to the veins is silicified in places and altered to a micaceous mesostasis. To the south of the cupriferous quartz veins minor malachite staining occurs along joint surfaces within coarse grained granodiorite.

Figure 4 is a geological map of the Granite Mountain property.

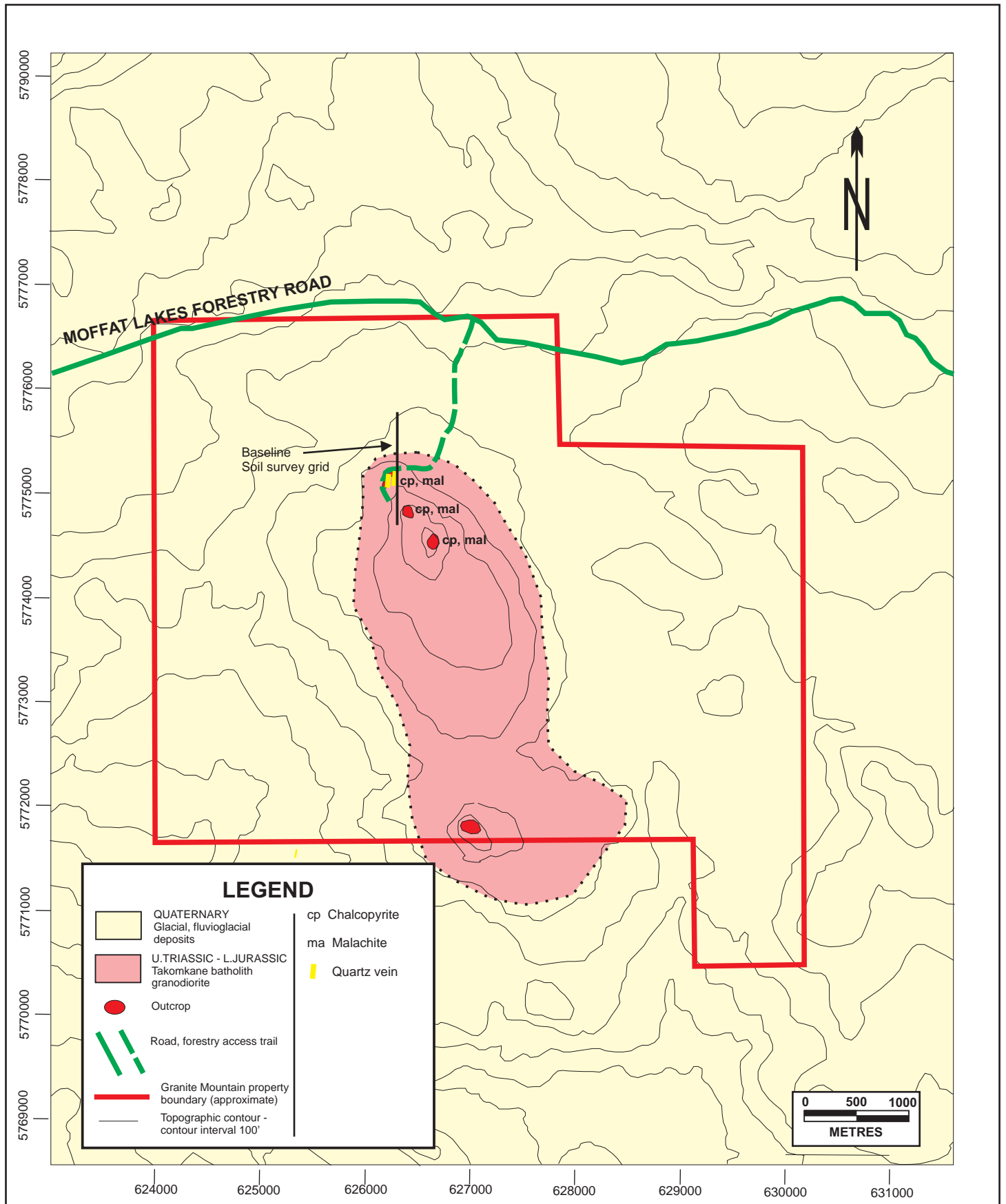


Figure 4. Geology of the Granite Mountain project area.

## **4. 2007 EXPLORATION PROGRAMME**

### **4.1 General Statement**

Exploration in 2007 was of a preliminary nature to determine the nature of the geology of the Granite Mountain property and whether geochemical dispersion from known copper mineralization had occurred in the area. Work consisted of the establishment of a 1km x 1km grid, down-ice and downslope from copper-bearing veins, and property-wide geological mapping.

### **4.2 Geological Mapping**

Mapping was undertaken at a scale of 1:5,000 using GPS positioning control and a base map at 1:5,000 derived from NTS Map Sheet 93A/3.

In the central and southern part of the claim group a topographically elevated area is interpreted to be underlain mainly by granodiorite, based on the few outcrops located. Elsewhere the topography of the property is generally flat and appears to be underlain by fluvioglacial deposits. In the northwestern part of the property a small pit excavated to obtain road building material has exposed fluvial-reworked glacial till. The thickness of the till is unknown.

### **4.3 Soil Geochemical Survey**

To establish whether soil sampling could be effective within the property, a trial survey was conducted on a grid established down-ice from outcropping copper-bearing quartz veins. Soil samples were collected on 100m x 100m grid with lines oriented east-west. Apart from a single high soil copper value of 200 ppm, most values were below an anomalous level defined as two standard deviations above the mean value of 28 ppm Cu (after removing the 200 ppm value from the data set). An anomalous area in the northwestern part of the grid and one in the south may be connected in that the soil in between these two areas appears to have developed over a peat horizon in that they black rather than the reddish-brown soil developed directly over till.

The direction of glacial transport appears to have been to the northwest as suggested by glacial striae observed on a single outcrop

Grid location is shown in Figure 4 while copper in soil values are plotted in Figure 5.

Soil samples were air dried and shipped to Eco Tech Laboratory in Kamloops for analysis by inductively coupled plasma spectrometry. Analytical certificates are included as Appendix 1.

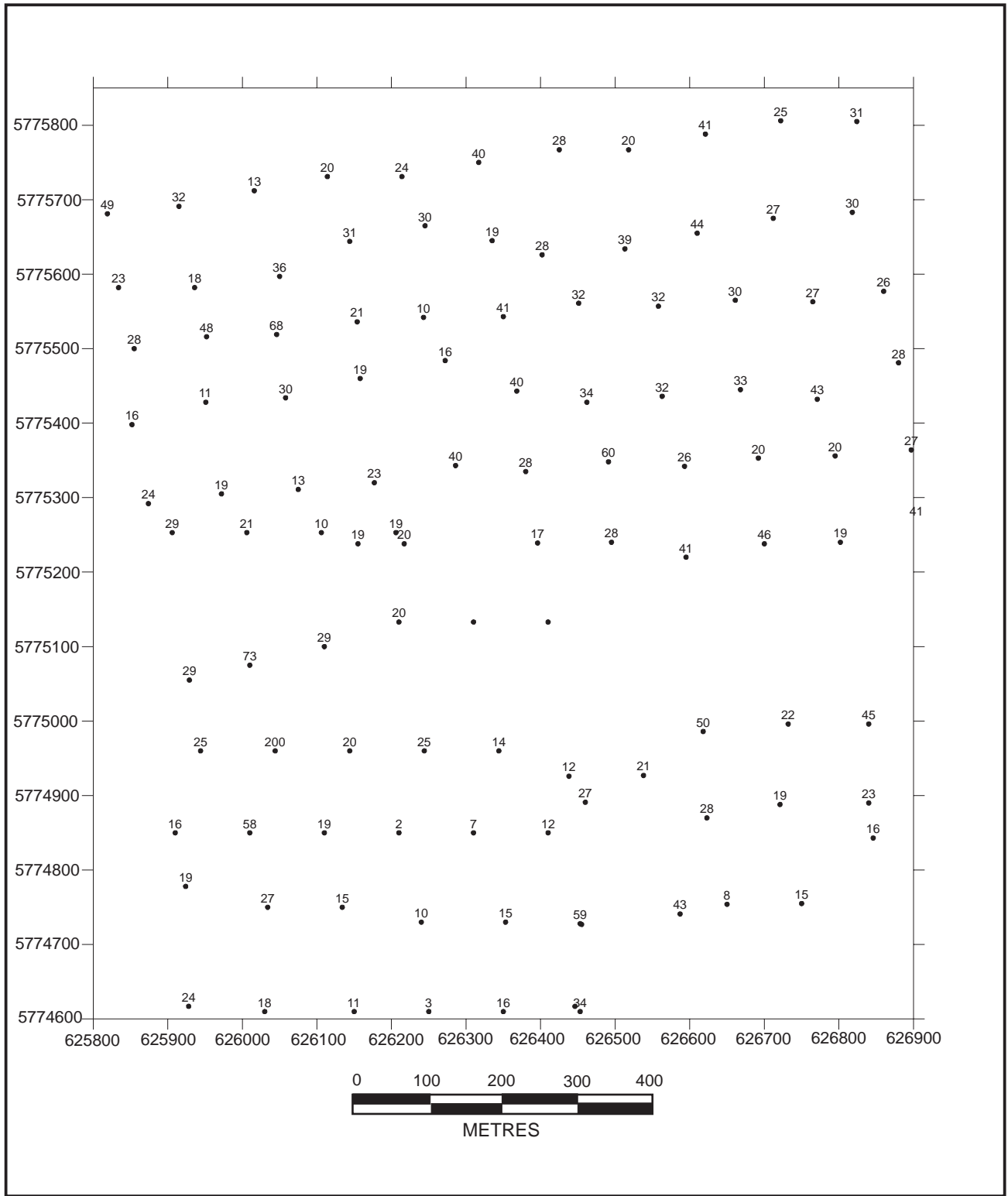


Figure 5. Soil geochemical copper values, Granite Mountain grid. Values in parts per million.

## **5. DISCUSSION**

### **5.1 Exploration Model**

The mineralization model that probably best pertains to the Granite Mountain property is that of a porphyry-style copper mineralization, similar to disseminated and stockwork copper mineralization that is exposed a few kilometres to the north of the property (see Section 3.1). However, such mineralization clearly does not occur within the upland area of the property, where coarse grained granodiorite is exposed, owing to the lack of significant alteration that may indicate the presence in the area of such mineralization. However, widespread Quaternary cover masks possible permissive geology for mineralization and alteration of this type of deposit.

### **5.2 Discussion of Results**

It appears, from the limited amount of outcrop on the Granite Mountain property, that the property is probably underlain mainly by granodiorite of the Takomkane batholith. Apart from small isolated shear zones that contain minor amounts of copper mineralization and which cut the granodiorite, the bulk of the exposed granodiorite is unaltered and appears to be unsuitable as a host for significant sulphide mineralization.

Nonetheless, while it may be inferred that Takomkane granodiorite is the dominant lithology underlying the property, topographically depressed areas, now covered by glacial deposits, may be underlain by lithologies less resistant to glacial erosion than the exposed granodiorite. Minor copper mineralization associated with small quartz veins within local shear or fracture zones may be distal to an unexposed zone of disseminated mineralization.

The results of soil sampling down-ice from known copper mineralization appears to suggest that a property-wide soil sampling programme may be effective in determining areas where geophysical surveying may be applied to detect possible unexposed metal sulphides

## 6. EXPENDITURE STATEMENT

\$

Geological mapping (Bailey Geological Consultants Ltd.)

June 22 - 26, 2007

5 days @ \$850/day

4,250.00

Soil sampling

July 3 - 9, 2007

Field technician: 7 days @ \$400/day

2,800.00

Assistants: 9 person days @ \$250/day

2,250.00

Vehicles

Geology: 400 km @ \$0.43/km

172.00

Soil survey: 2,480 km @ \$0.43/km

1066.00

Food, accommodation

19 person days @ \$70/day

1,330.00

Sample analyses (Eco Tech Laboratory Ltd.)

121 soil samples @ \$9.50 ea.

1,150.00

**Total**

**13,018.00**

## 7. REFERENCES

**Campbell, R.B., 1961:** Quesnel Lake Map Sheet. *Geological Survey of Canada, Map 1961-3.*



## 8. CERTIFICATE

I, David Gerard Bailey of 2695 Mountain Highway, North Vancouver, British Columbia, hereby certify that:

1. I am a geological consultant and Principal of Bailey Geological Consultants (Canada) Ltd., with offices at the above address;
2. I hold degrees in geology from Victoria University of Wellington, New Zealand (B.Sc.(Hons.), 1973) and Queen's University, Kingston, Ontario (Ph.D., 1978);
3. I have practised the profession of geologist continuously since graduation;
4. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia;
5. I hold memberships in the Society of Economic Geologists, the Geological Association of Canada, the Association of Exploration Geochemists, the Geological Society of America, the Canadian Institute of Mining and Metallurgy and the Australasian Institute of Mining and Metallurgy;
6. I managed the programme described in this report and carried out geological mapping of the property..

Dated at North Vancouver this 20th day of September, 2007.

A circular professional seal for the Province of British Columbia. The seal contains the text: "PROFESSIONAL PROVINCE OF D. G. BAILEY BRITISH COLUMBIA GEOSCIENTIST". A handwritten signature, "D. G. Bailey", is written across the seal.

David G. Bailey, Ph.D., P.Geo.

**APPENDIX 1**

**ANALYTICAL CERTIFICATES**

## ECO TECH LABORATORY LTD.

10041 Dallas Drive  
KAMLOOPS, B.C.  
V2C 6T4

## ICP CERTIFICATE OF ANALYSIS AK 2007- 921

Eagle Peak Resources  
PO Box 1365  
150 Mile House, BC  
V0K 2G0

Phone: 250-573-5700

Fax : 250-573-4557

No. of samples received: 118

Sample Type: Soil

Submitted by: Eagle Peak Resources

## Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	BL "O" ON	10	<0.2	0.98	<5	140	25	0.36	<1	8	18	17	3.06	<10	0.19	157	<1	0.02	9	430	16	<5	<20	40	0.11	<10	125	<10	<1	24
2	BL "O" N 100E	<5	<0.2	1.82	<5	110	15	0.32	1	12	22	28	3.39	<10	0.39	273	6	0.02	19	920	24	20	<20	27	0.10	<10	129	<10	3	28
3	BL "O" N 200E	<5	<0.2	1.19	<5	115	20	0.66	<1	14	22	41	3.11	<10	0.49	520	<1	0.03	16	1010	18	<5	<20	63	0.11	<10	119	<10	6	34
4	BL "O" N 300E	<5	0.3	2.28	15	130	15	0.74	1	13	22	46	3.09	10	0.52	438	7	0.02	20	700	30	20	<20	86	0.10	<10	106	<10	6	44
5	BL "O" N 400E	<5	<0.2	1.19	<5	65	<5	0.40	<1	9	17	19	2.02	<10	0.39	263	<1	0.02	9	480	18	<5	<20	37	0.09	<10	80	<10	4	25
6	BL "O" N 500E	<5	0.4	2.29	15	160	15	0.87	<1	13	20	41	2.63	10	0.38	816	2	0.02	15	1010	30	<5	<20	120	0.07	<10	82	<10	8	30
7	BL 100W ONL	5	0.3	2.84	5	115	15	0.22	1	10	25	20	3.19	<10	0.25	143	6	0.01	18	740	38	10	<20	25	0.09	<10	92	<10	2	41
8	BL "O" N 200W	10	0.2	2.06	<5	115	10	0.35	<1	8	23	19	2.95	<10	0.23	235	<1	0.01	12	810	30	<5	<20	34	0.09	<10	100	<10	2	26
9	BL "O" N 300W	<5	0.3	2.86	20	155	20	0.30	<1	8	23	10	3.67	<10	0.22	153	8	0.02	11	5370	42	15	<20	38	0.11	<10	103	<10	2	35
10	BL "O" N 400W	<5	<0.2	0.97	<5	185	5	0.21	<1	6	13	21	1.77	<10	0.23	184	<1	0.01	6	340	16	<5	<20	24	0.08	<10	61	<10	2	26
11	BL "O" N 500W	<5	<0.2	1.43	<5	300	10	0.47	1	9	21	29	2.34	<10	0.38	322	2	0.02	13	430	20	5	<20	54	0.09	<10	84	<10	7	24
12	BL 100N 100E	5	0.4	2.31	<5	240	20	0.51	1	11	26	60	3.19	<10	0.45	350	5	0.02	18	390	34	10	<20	63	0.11	<10	119	<10	5	36
13	BL 100N 200E	5	<0.2	1.70	<5	100	15	0.33	<1	9	20	26	2.29	<10	0.38	176	5	0.02	13	320	24	15	<20	33	0.10	<10	90	<10	3	26
14	BL 100N 300E	<5	<0.2	0.79	10	60	5	0.40	<1	7	13	20	1.53	<10	0.30	185	<1	0.02	6	790	14	<5	<20	35	0.10	<10	61	<10	5	15
15	BL 100N 400E	5	<0.2	1.32	<5	90	15	0.47	<1	11	19	20	2.52	<10	0.43	275	<1	0.02	12	740	20	<5	<20	36	0.12	<10	102	<10	5	23
16	BL 100N 500E	5	<0.2	1.91	5	100	25	0.39	<1	10	24	27	2.26	<10	0.42	198	2	0.02	14	460	28	5	<20	39	0.11	<10	94	<10	4	28
17	BL 100N OW	<5	0.3	1.86	<5	125	15	0.40	<1	10	22	25	2.67	<10	0.37	214	<1	0.02	13	700	24	<5	<20	43	0.12	<10	103	<10	3	26
18	BL 100N 100W	15	0.3	1.73	<5	185	20	0.39	2	10	22	40	2.89	<10	0.43	290	6	0.02	19	550	24	20	<20	43	0.08	<10	106	<10	4	34
19	BL 100N 200W	10	<0.2	2.03	15	100	10	0.24	<1	13	23	23	3.16	<10	0.36	188	4	0.02	20	830	28	10	<20	22	0.10	<10	115	<10	4	24
20	BL 100N 300W	10	<0.2	1.46	<5	65	25	0.19	1	7	18	13	2.85	<10	0.16	128	5	0.02	8	940	26	10	<20	17	0.07	<10	99	<10	2	24
21	BL 100N 400W	5	<0.2	1.13	<5	215	10	0.35	<1	6	13	19	2.42	<10	0.23	148	2	0.02	6	240	20	<5	<20	42	0.08	<10	91	<10	3	20
22	BL 100N 500W	<5	<0.2	1.37	<5	255	20	0.48	1	10	18	24	2.42	<10	0.34	544	3	0.02	12	600	20	10	<20	52	0.08	<10	91	<10	5	23
23	BL 100S OW	<5	<0.2	1.11	<5	100	15	0.27	<1	7	15	7	2.68	<10	0.13	156	2	0.02	6	370	20	<5	<20	34	0.09	<10	99	<10	1	24
24	BL 100S 100W	<5	<0.2	1.54	5	135	10	0.22	<1	8	19	57	2.44	<10	0.30	178	1	0.02	11	360	24	<5	<20	24	0.12	<10	91	<10	2	22
25	BL 200N 100E	<5	<0.2	1.90	<5	150	20	0.53	<1	12	24	34	2.51	<10	0.56	385	<1	0.02	15	460	28	<5	<20	51	0.13	<10	100	<10	6	36
26	BL 200N 200E	10	0.5	2.60	15	135	10	0.40	<1	10	27	32	2.59	<10	0.38	200	5	0.02	17	440	38	10	<20	50	0.11	<10	105	<10	3	38
27	BL 200N 300E	<5	<0.2	1.72	<5	115	25	0.46	<1	11	22	33	2.51	<10	0.44	273	1	0.02	15	700	28	<5	<20	42	0.11	<10	95	<10	5	29
28	BL 200N 400E	10	0.6	3.01	20	170	5	0.42	<1	10	31	43	2.65	<10	0.39	162	6	0.02	20	790	40	15	<20	56	0.09	<10	95	<10	4	34
29	BL 200N 500E	10	0.2	1.86	<5	140	15	0.64	<1	18	21	28	2.31	<10	0.42	903	3	0.02	15	710	26	5	<20	74	0.09	<10	96	<10	4	37
30	BL 200N OW	5	0.2	1.60	<5	90	15	0.36	<1	10	18	28	2.65	<10	0.34	219	4	0.02	13	570	24	10	<20	37	0.09	<10	96	<10	4	28

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y
31.	BL 200N 100W	5	0.2	1.29	<5	100	30	0.32	<1	8	17	16	2.42	<10	0.25	226	<1	0.02	7	780	22	<5	<20	37	0.10	<10	86	<10	3
32	BL 200N 200W	<5	0.8	1.77	15	80	10	0.36	<1	9	21	19	3.05	<10	0.30	173	2	0.02	12	560	28	<5	<20	38	0.11	<10	121	<10	2
33	BL 200N 300W	<5	<0.2	1.92	5	115	20	0.30	2	12	21	30	2.88	<10	0.39	214	7	0.02	21	860	28	25	<20	26	0.09	<10	103	<10	3
34	BL 200N 400W	10	<0.2	0.89	<5	95	25	0.23	<1	7	13	11	2.44	<10	0.17	124	2	0.01	7	360	18	<5	<20	26	0.09	<10	97	<10	3
35	BL 200N 500W	5	<0.2	1.03	<5	115	15	0.33	<1	7	15	16	2.08	<10	0.32	190	<1	0.02	8	420	14	<5	<20	28	0.09	<10	86	<10	3
36	BL 300N 100E	10	0.4	1.78	<5	120	10	0.50	1	12	17	32	1.95	<10	0.33	654	4	0.02	14	790	24	10	<20	65	0.08	<10	62	<10	4
37	BL 300N 200E	10	<0.2	1.76	10	285	15	0.53	<1	8	22	32	1.81	<10	0.40	190	1	0.02	12	310	26	<5	<20	58	0.11	<10	75	<10	5
38	BL 300N 300E	10	<0.2	1.95	5	110	15	0.32	<1	10	20	30	2.08	<10	0.37	189	2	0.02	15	590	26	5	<20	31	0.10	<10	76	<10	4
39	BL 300N 400E	10	0.3	1.90	5	110	15	0.28	<1	9	19	27	2.22	<10	0.30	211	3	0.02	12	530	28	5	<20	32	0.10	<10	73	<10	3
40	BL 300N 500E	10	<0.2	1.72	5	100	25	0.40	<1	10	21	26	2.13	<10	0.42	220	<1	0.02	13	650	26	<5	<20	35	0.11	<10	77	<10	5
41	BL 300N OW	5	0.2	2.14	5	115	<5	0.35	<1	13	25	40	2.98	<10	0.47	342	5	0.02	17	890	28	15	<20	37	0.10	<10	108	<10	4
42	BL 300N 100W	5	<0.2	1.36	<5	80	10	0.29	<1	9	19	20	2.60	<10	0.33	311	3	0.02	12	570	20	<5	<20	30	0.09	<10	97	<10	1
43	BL 300N 200W	10	<0.2	1.25	<5	110	10	0.36	1	12	17	21	2.57	<10	0.28	812	2	0.02	11	960	20	<5	<20	43	0.08	<10	88	<10	2
44	BL 300N 300W	10	<0.2	1.98	5	160	<5	0.50	<1	10	23	68	2.82	10	0.34	278	3	0.02	17	490	28	5	<20	66	0.08	<10	101	<10	7
45	BL 300N 400W	10	<0.2	1.47	<5	235	15	0.62	1	10	22	48	2.54	10	0.46	418	3	0.02	15	790	22	15	<20	65	0.09	<10	99	<10	11
46	BL 300N 500W	10	0.2	1.44	<5	165	5	0.42	<1	9	17	28	2.14	<10	0.28	378	<1	0.02	9	340	20	<5	<20	58	0.10	<10	105	<10	4
47	BL 400N 100E	5	0.4	2.04	<5	90	15	0.25	<1	11	21	28	2.57	<10	0.39	280	1	0.02	12	330	28	<5	<20	30	0.12	<10	95	<10	3
48	BL 400N 200E	5	0.3	2.50	15	210	20	0.50	<1	12	30	39	3.10	<10	0.57	429	4	0.02	20	400	32	15	<20	54	0.12	<10	115	<10	4
49	BL 400N 300E	10	0.3	2.18	<5	260	25	0.50	1	11	25	44	2.35	<10	0.41	333	4	0.02	17	720	30	15	<20	54	0.09	<10	88	<10	5
50	BL 400N 400E	20	0.3	1.66	10	120	20	0.29	<1	9	21	27	2.22	<10	0.29	203	<1	0.02	10	510	26	<5	<20	41	0.10	<10	77	<10	3
51	BL 400N 500E	5	0.2	2.12	5	115	10	0.33	1	11	24	30	3.03	<10	0.43	296	4	0.02	16	860	28	15	<20	38	0.10	<10	101	<10	3
52	BL 400N OW	10	<0.2	1.53	<5	120	15	0.58	1	10	19	32	2.26	<10	0.43	447	2	0.02	14	830	22	10	<20	51	0.09	<10	87	<10	4
53	BL 400N 100W	<5	<0.2	1.38	<5	105	<5	0.47	<1	8	17	30	1.93	<10	0.37	255	2	0.02	11	560	20	<5	<20	55	0.08	<10	72	<10	3
54	BL 400N 200W	15	<0.2	1.91	5	120	15	0.43	<1	11	21	31	2.62	<10	0.45	329	2	0.02	14	470	28	<5	<20	49	0.09	<10	104	<10	4
55	BL 400N 300W	<5	0.2	1.81	<5	140	<5	0.67	2	12	20	36	2.46	<10	0.39	463	7	0.02	17	600	26	25	<20	82	0.05	<10	94	<10	5
56	BL 400N 400W	<5	<0.2	0.69	<5	110	<5	1.06	<1	4	8	18	1.00	<10	0.19	160	<1	0.02	5	670	14	<5	<20	125	0.05	<10	34	<10	5
57	BL 400N 500W	10	<0.2	1.37	<5	105	15	0.40	<1	10	20	23	2.16	<10	0.37	334	<1	0.02	11	590	20	<5	<20	37	0.10	<10	89	<10	4
58	BL 500N OW	5	<0.2	2.36	<5	125	15	0.34	1	11	24	40	2.91	<10	0.35	166	6	0.02	20	670	32	15	<20	34	0.09	<10	100	<10	5
59	BL 500N 100W	10	<0.2	1.49	10	95	15	0.39	<1	8	17	24	1.74	<10	0.40	183	2	0.02	12	730	20	<5	<20	30	0.09	<10	64	<10	3
60	BL 500N 200W	<5	<0.2	1.29	<5	95	15	0.38	1	10	20	20	2.62	<10	0.32	281	3	0.02	14	670	18	10	<20	41	0.08	<10	102	<10	2
61	BL 500N 300W	10	<0.2	1.11	<5	90	10	0.26	<1	6	15	13	2.13	<10	0.15	104	2	0.02	6	270	18	<5	<20	35	0.07	<10	90	<10	<1
62	BL 500N 400W	<5	<0.2	0.76	<5	140	15	0.72	2	12	15	32	3.25	<10	0.22	409	2	0.01	12	790	14	<5	<20	89	0.07	<10	119	<10	<1
63	BL 500N 500W	10	0.8	2.65	15	230	10	0.86	<1	14	25	49	2.82	<10	0.42	490	6	0.02	21	1060	34	15	<20	100	0.08	<10	93	<10	5
64	BL 550N 100E	<5	<0.2	1.57	5	95	20	0.39	1	10	21	28	2.58	<10	0.43	196	5	0.02	16	760	24	25	<20	36	0.09	<10	102	<10	4
65	BL 550N 200E	<5	<0.2	1.12	<5	75	15	0.34	<1	8	15	20	1.42	<10	0.43	176	<1	0.02	6	400	16	<5	<20	30	0.11	<10	47	<10	3
66	BL 550N 300E	<5	0.4	2.06	15	245	20	0.55	1	20	23	41	2.88	<10	0.48	896	6	0.02	18	540	30	20	<20	61	0.10	<10	128	<10	4
67	BL 550N 400E	5	<0.2	1.52	10	105	15	0.40	<1	8	17	25	1.68	<10	0.36	193	<1	0.02	12	740	22	<5	<20	33	0.08	<10	58	<10	4
68	BL 550N 500E	<5	0.8	2.65	15	180	15	0.45	<1	15	23	31	2.53	<10	0.41	608	5	0.02	19	990	36	15	<20	63	0.05	<10	84	<10	3
69	L100S 200W	<5	<0.2	1.80	<5	130	15	0.23	<1	7	15	20	2.82	<10	0.26	185	3	0.02	9	1220	24	<5	<20	23	0.06	<10	94	<10	<1
70	L100S 300W	<5	<0.2	1.63	<5	160	20	0.26	<1	9	18	29	2.73	<10	0.27	175	1	0.02	15	590	24	<5	<20	27	0.07	<10	93	<10	2

#.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	L100S 400W	<5	0.3	1.72	<5	1015	<5	1.07	<1	2	23	73	2.24	20	0.24	348	3	0.02	14	400	26	10	<20	138	0.07	<10	79	<10	9	20
2	L100S 500W	10	<0.2	1.53	<5	285	10	0.37	<1	9	19	29	2.41	<10	0.30	407	3	0.02	12	370	22	<5	<20	47	0.09	<10	84	<10	5	31
3	L100S 100E	10	<0.2	1.11	<5	105	25	0.37	1	9	19	15	3.17	10	0.21	199	3	0.02	9	390	20	<5	<20	45	0.10	<10	130	<10	7	26
4	L100S 200E	<5	<0.2	1.36	5	145	5	0.46	<1	11	18	38	2.32	10	0.27	1000	<1	0.02	11	540	22	<5	<20	51	0.08	<10	98	<10	8	26
5	L200S OW	<5	0.2	2.46	15	110	15	0.23	<1	13	23	32	2.98	<10	0.34	222	1	0.02	18	1010	32	<5	<20	19	0.10	<10	104	<10	3	30
6	L200S 100W	<5	0.2	2.81	15	125	15	0.21	<1	10	25	14	3.54	<10	0.21	246	6	0.02	15	1160	38	10	<20	22	0.09	<10	114	<10	2	42
7	L200S 200W	<5	<0.2	1.88	5	90	15	0.22	<1	10	20	25	2.88	<10	0.27	242	6	0.02	18	1110	28	15	<20	22	0.07	<10	101	<10	2	34
8	L200S 300W	<5	<0.2	0.83	<5	165	15	0.26	<1	7	16	20	1.90	<10	0.24	192	<1	0.02	9	380	16	<5	<20	30	0.06	<10	65	<10	2	20
9	L200S 400W	<5	0.5	3.09	30	1710	<5	1.51	<1	3	41	200	2.99	40	0.49	1115	7	0.02	22	1060	40	20	<20	138	0.06	<10	85	<10	54	40
0	L200S 500W	<5	<0.2	1.07	<5	220	10	0.46	<1	8	21	25	1.99	<10	0.37	217	<1	0.02	14	840	16	<5	<20	41	0.10	<10	75	<10	4	28
1	L200S 100E	<5	<0.2	1.24	<5	145	20	0.18	<1	7	19	12	3.00	<10	0.14	173	2	0.02	9	890	20	<5	<20	20	0.09	<10	114	<10	1	26
2	L200S 200E	<5	<0.2	1.38	5	80	20	0.30	<1	10	18	15	3.26	<10	0.23	329	4	0.02	12	900	22	5	<20	33	0.09	<10	118	<10	2	33
3	L200S 300E	10	<0.2	1.18	<5	105	20	0.51	<1	12	21	32	2.85	<10	0.47	368	<1	0.03	17	920	20	<5	<20	48	0.10	<10	112	<10	5	27
4	L200S 400E	<5	0.3	1.60	5	130	15	0.47	<1	13	17	36	2.83	10	0.27	859	3	0.02	13	610	24	<5	<20	60	0.07	<10	113	<10	6	37
5	L200S 500E	<5	0.3	2.02	15	120	<5	0.50	<1	10	20	31	2.24	<10	0.39	375	2	0.02	15	1110	30	<5	<20	56	0.08	<10	82	<10	5	27
6	L300S OW	<5	<0.2	2.39	<5	90	20	0.19	3	9	23	12	3.30	<10	0.22	169	17	0.02	22	1090	34	65	<20	19	0.03	<10	107	<10	2	40
7	L300S 100W	<5	<0.2	0.34	<5	45	10	0.09	<1	3	3	7	1.51	<10	0.10	192	<1	0.02	2	260	6	<5	<20	7	0.04	<10	54	<10	<1	16
8	L300S 200W	<5	<0.2	0.18	<5	45	5	0.05	<1	2	3	2	0.86	<10	<0.01	58	<1	0.01	<1	120	4	<5	<20	8	0.05	<10	31	<10	<1	7
9	L300S 300W	<5	<0.2	0.91	<5	405	<5	0.37	<1	4	14	19	1.75	<10	0.24	178	<1	0.01	7	290	16	<5	<20	42	0.05	<10	58	<10	3	20
0	L300S 400W	<5	0.6	1.60	<5	1070	5	1.49	1	<1	15	58	1.69	20	0.24	223	4	0.02	14	910	22	15	<20	145	0.03	<10	39	<10	22	23
1	L300S 500W	<5	<0.2	0.89	<5	135	5	0.26	<1	7	11	16	1.01	<10	0.14	309	<1	0.02	5	490	16	<5	<20	37	0.06	<10	31	<10	3	18
2	L300S 100E	<5	<0.2	1.54	<5	145	30	0.46	<1	9	20	21	3.00	<10	0.32	223	<1	0.03	8	520	6	<5	<20	81	0.12	<10	139	<10	6	21
3	L300S 200E	5	<0.2	2.08	<5	215	20	0.49	<1	11	21	50	2.79	10	0.52	501	<1	0.03	14	730	8	<5	<20	71	0.11	<10	123	<10	9	25
4	L300S 300E	<5	<0.2	1.78	<5	140	15	0.32	3	11	22	22	4.46	<10	0.36	225	6	0.02	17	440	10	15	<20	40	0.10	<10	196	<10	<1	31
5	L300S 400E	<5	<0.2	1.78	<5	130	<5	0.50	<1	9	17	45	2.16	<10	0.37	293	1	0.03	9	450	14	<5	<20	75	0.10	<10	87	<10	5	23
6	L300S 500E	<5	<0.2	1.63	<5	145	15	0.72	2	15	25	63	3.72	10	0.68	583	6	0.05	25	1340	12	25	<20	91	0.10	<10	142	<10	7	32
7	L400S 100E	5	<0.2	1.70	<5	160	<5	0.43	1	10	19	27	2.59	10	0.34	349	4	0.03	13	520	14	15	<20	56	0.08	<10	105	<10	6	24
8	L400S 200E	<5	<0.2	1.85	<5	125	20	0.38	1	11	24	28	3.62	<10	0.47	266	4	0.02	16	1010	14	10	<20	44	0.11	<10	138	<10	2	36
9	L400S 300E	<5	0.3	1.37	<5	170	5	0.45	<1	9	19	19	2.99	<10	0.29	379	2	0.02	12	890	14	<5	<20	66	0.10	<10	120	<10	2	28
0	L400S 400E	<5	<0.2	1.62	<5	110	15	0.36	<1	11	21	23	3.20	<10	0.37	274	1	0.02	13	640	16	<5	<20	41	0.12	<10	131	<10	2	30
1	L400S 500E	5	0.2	2.27	<5	280	<5	0.70	2	18	28	59	3.65	<10	0.62	1173	8	0.03	22	440	18	30	<20	91	0.08	<10	169	<10	6	36
2	L400S 100W	<5	<0.2	1.25	<5	115	10	0.13	<1	4	8	15	1.98	<10	0.10	130	2	0.01	3	1150	12	<5	<20	19	0.03	<10	64	<10	<1	27
3	L400S 200W	10	<0.2	1.05	<5	80	10	0.18	<1	6	13	10	2.52	<10	0.17	142	3	0.02	6	720	12	5	<20	28	0.06	<10	92	<10	<1	19
4	L400S 300W	<5	<0.2	1.00	<5	200	<5	0.27	<1	6	14	15	2.03	<10	0.26	168	<1	0.02	6	260	10	<5	<20	41	0.07	<10	79	<10	2	25
5	L400S 400W	<5	<0.2	1.73	<5	150	5	0.30	<1	9	21	27	2.46	<10	0.38	286	2	0.02	11	640	14	<5	<20	31	0.09	<10	89	<10	3	26
6	L400S 500W	10	<0.2	1.29	10	85	30	0.31	<1	8	18	19	1.92	<10	0.30	210	<1	0.02	8	430	20	<5	<20	43	0.09	<10	72	<10	6	24
7	L500S OW	<5	<0.2	1.60	<5	140	15	0.28	<1	11	18	34	2.74	<10	0.29	217	3	0.02	12	420	16	10	<20	31	0.07	<10	97	<10	3	27
8	L500S 100W	10	<0.2	1.61	<5	165	5	0.21	1	6	15	16	2.72	<10	0.15	223	7	0.02	10	590	16	20	<20	25	0.04	<10	99	<10	<1	29
9	L500S 200W	<5	<0.2	0.34	<5	70	5	0.08	<1	3	6	3	1.12	<10	0.02	59	<1	0.01	<1	90	6	<5	<20	18	0.04	<10	49	<10	<1	8
0	L500S 300W	10	<0.2	0.75	<5	170	10	0.35	<1	4	11	11	1.59	<10	0.14	115	<1	0.02	3	290	10	<5	<20	55	0.06	<10	64	<10	1	14

#.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
11	L500S 400W	<5	<0.2	1.49	<5	100	10	0.28	<1	9	20	18	2.78	<10	0.30	235	3	0.02	13	520	14	10	<20	33	0.08	<10	106	<10	2	22
12	L500S 500W	10	<0.2	1.21	<5	120	10	0.41	<1	7	17	24	1.88	<10	0.38	231	<1	0.03	12	710	10	<5	<20	43	0.07	<10	78	<10	3	31
13	L500S 100E	10	0.2	3.03	5	110	10	0.19	<1	7	21	43	2.50	<10	0.19	127	7	0.02	11	710	24	20	<20	26	0.07	<10	84	<10	2	27
14	L500S 200E	<5	<0.2	0.71	<5	75	20	0.22	1	6	16	8	2.27	<10	0.13	102	1	0.02	7	310	10	<5	<20	33	0.08	<10	101	<10	2	15
15	L500S 300E	10	<0.2	1.33	<5	60	20	0.20	<1	7	17	15	2.58	<10	0.14	149	3	0.02	8	590	14	<5	<20	27	0.08	<10	106	<10	2	21
16	L500S 400E	<5	<0.2	1.05	<5	100	15	0.40	1	9	14	16	2.06	<10	0.20	447	3	0.02	9	490	12	<5	<20	60	0.08	<10	88	<10	2	25
17	L500S 500E	5	<0.2	0.96	<5	70	15	0.49	<1	10	17	17	2.25	<10	0.34	333	<1	0.03	8	890	10	<5	<20	50	0.11	<10	102	<10	5	16
18	L4S BLO	<5	<0.2	1.67	<5	150	<5	0.29	1	10	20	19	3.23	<10	0.27	182	4	0.02	16	630	18	10	<20	27	0.10	<10	115	<10	2	25

**DATA:**

**Repeat:**

1	BL "O" ON	<5	<0.2	1.01	<5	145	15	0.36	2	8	20	17	3.15	<10	0.20	159	3	0.02	11	450	18	5	<20	41	0.10	<10	129	<10	2	24
0	BL "O"N 400W	<5	<0.2	0.97	<5	190	10	0.21	<1	6	13	21	1.78	<10	0.23	184	<1	0.01	5	360	16	<5	<20	23	0.08	<10	61	<10	1	27
9	BL 100N 200W		<0.2	1.97	<5	95	30	0.23	<1	12	23	22	3.11	<10	0.34	183	<1	0.02	19	810	30	<5	<20	19	0.11	<10	112	<10	4	23
0	BL 100N 300W	<5																												
8	BL 200N 400E		0.7	3.10	15	180	20	0.44	<1	11	32	46	2.85	<10	0.42	179	9	0.02	22	820	40	25	<20	61	0.07	<10	104	<10	4	35
4	BL 200N 400W	<5																												
6	BL 300N 100E		0.4	1.75	<5	115	10	0.48	<1	12	16	32	1.87	<10	0.31	637	2	0.02	12	770	22	<5	<20	62	0.07	<10	58	<10	4	25
7	BL 300N 200E	10																												
5	BL 300N 400W	10	0.2	1.39	<5	230	10	0.61	1	10	21	46	2.48	10	0.44	416	2	0.02	15	800	22	10	<20	60	0.08	<10	95	<10	10	28
4	BL 400N 200W		<0.2	1.90	<5	115	10	0.42	<1	11	21	31	2.59	<10	0.45	336	1	0.02	14	480	28	<5	<20	47	0.08	<10	102	<10	5	35
7	BL 400N 500W	20																												
3	BL 500N 500W		0.8	2.53	10	225	5	0.84	<1	13	25	48	2.76	<10	0.41	476	7	0.02	21	1030	32	20	<20	102	0.06	<10	92	<10	6	40
4	BL 550N 100E	<5																												
1	L100S 400W		0.3	1.72	<5	1025	<5	1.09	<1	2	23	74	2.29	20	0.25	354	4	0.02	15	420	28	10	<20	139	0.07	<10	79	<10	10	21
5	L200S OW	<5																												
0	L200S 500W	<5	<0.2	1.02	<5	210	10	0.45	<1	7	22	24	1.94	<10	0.38	208	2	0.02	16	830	16	5	<20	41	0.07	<10	73	<10	4	27
9	L300S 300W	<5	<0.2	1.07	<5	410	5	0.39	<1	3	15	23	1.81	<10	0.29	191	<1	0.02	6	290	10	<5	<20	51	0.08	<10	61	<10	4	18
8	L400S 200E	<5	<0.2	1.84	<5	125	15	0.39	1	11	24	28	3.58	<10	0.49	267	6	0.02	19	1050	18	15	<20	44	0.09	<10	133	<10	3	37
06	L400S 500W	10	<0.2	1.30	<5	85	10	0.29	<1	7	17	19	1.91	<10	0.31	209	1	0.02	9	400	12	<5	<20	42	0.08	<10	73	<10	3	22
15	L500S 300E	<5	<0.2	1.32	<5	60	10	0.20	<1	7	16	16	2.53	<10	0.14	146	3	0.02	7	610	16	5	<20	30	0.07	<10	100	<10	1	21

**Standard:**

3			1.4	1.08	90	50	15	0.51	2	13	59	21	2.02	10	0.61	301	2	0.03	34	470	28	35	<20	18	0.04	<10	39	<10	6	35
3			1.5	1.06	75	50	10	0.51	2	13	58	21	2.03	10	0.61	299	2	0.03	36	490	28	35	<20	18	0.03	<10	40	<10	6	38
3			1.4	1.15	80	55	<5	0.52	2	13	60	22	2.01	20	0.66	310	3	0.03	36	490	26	35	<20	20	0.03	<10	41	<10	6	37
3			1.3	1.14	85	55	5	0.52	1	13	59	22	1.99	10	0.65	306	3	0.03	34	480	28	35	<20	16	0.04	<10	40	<10	5	36
29		600																												
29		590																												
29		590																												
29		595																												

bp  
21  
S/07

**ECO TECH LABORATORY LTD.**  
Jutta Jealous  
B.C. Certified Assayer