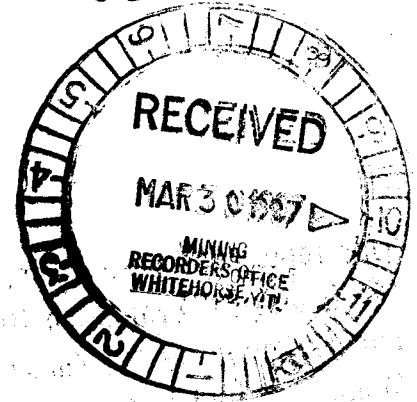




091940



REPORT ON

BM CLAIMS #1 TO #4 (YA - 95347 to YA - 95350)

MOUNT BYNG AREA NTS 105 - D - 16

BY

LARRY W. CARLYLE, F.G.A.C.

Whitehorse, Yukon

March 22, 1987

This report has been examined by  
the Geological Evaluation Unit  
under Section 53 (4) Yukon Quartz  
Mining Act and is allowed as  
representation work in the amount  
of \$ 1600.00.

*DA Emond*

for Regional Manager, Exploration and  
Geological Services for Commissioner  
of Yukon Territory.

REPORT ONBM CLAIMS #1 TO #4 (YA - 95347 TO YA - 95350)MOUNT BYNG AREA NTS 105 - D - 16

The writer and his partner, Mr. Drew McDonald, had planned a 14 day prospecting trip in the Mount Byng - Sheldon Creek area for July of 1986. The plan was to establish 3 caches of food and supplies in the area; each cache would be separated from the next by approximately 5 miles. The plan called for setting up camp at each cache and doing 3 to 4 days of prospecting from each site. When the prospecting was completed in the area of the third cache, it was planned to walk to the Teslin River and be picked up by a fixed-wing aircraft for the return to Whitehorse. The first camp and the caches were established on July 11, 1986 using a helicopter chartered from Trans North Turbo Air of Whitehorse.

The Mount Byng - Sheldon Creek area has seen sporadic prospecting and placer mining activity over the years. The only regional mapping done in the area has been by J.O. Wheeler for the GSC Memoir 312 in 1961. A regional stream sampling program done by DuPont Exploration in approximately 1978 produced values on a westerly flowing stream from Mount Byng. This caused them to stake the 48 claim Utshig Group and do further stream and soil sampling, prospecting and geological mapping before allowing the claims to lapse. The Gammon Claims staked by AGIP in 1981 was the result of a regional uranium and gold program in the area. These claims had extensive stream and soil sampling done on them before they were

allowed to lapse. This ground is now held by Jacques Moreau of Whitehorse as the Byng Claims. He did work on these claims and staked two additional groups of claims in the area in 1986. One of the additional groups of claims he staked partially covers the DuPont, Utshig Claims. In 1984 an extensive placer mining program was carried out on Sheldon Creek about 10 miles east of Mount Byng. A 1985 regional stream sediment reconnaissance program carried out on the NTS 105 D area sponsored by the Geological Survey of Canada and released in 1986 as Open File 1218 shows several weakly anomalous gold values in the Mount Byng area. During the course of our work in the area, we discovered evidence of other claims having been staked and indications of work done by others.

General prospecting was done in the area of the first camp until the discovery was made on July 14th. Malachite and azurite stained vuggy quartz float was located in a friable limonite stained rhyolite. The schedule of the trip and food supplies required moving to the next cache the following day. It was only possible to take four grab samples in the area (designated R-8 to R-11), to do some basic preliminary prospecting in the area and to stake the above claims on the showing.

The claims lie above treeline at approximately 1760 meter elevation on the glaciated western flank of Mount Byng. They lie totally within the Unit 7 Hutshi Volcanics (Wheeler, 1961) and are bounded on the north and east by the Units 3 and 3aa of the Lewes River Group and on the south and west by Coast Intrusive Units 8 and 9.

We returned to the site on August 8 and left on August 18 by helicopter. During these days, we performed basic prospecting which partially outlined a small dioritic or gabbroic intrusive cutting the basaltic Hutshi Volcanics mapped by J.O. Wheeler. Fine grained rhyolite and quartzite dykes cut by later compact and vuggy quartz veining appear to emanate from the intrusive. Two thousand sixty meters (2060 m) of slope corrected grid lines on 50 meter spacings centered on the central claim posts of the claims were established.

Using this grid line, geological and float mapping, and soil and rock sampling and trenching was performed (See maps included). This work partially defined the existence of two - 1 1/2 to 2 foot wide weakly malachite-azurite mineralized vuggy quartz veins that strike approximately  $320^{\circ}$  Azimuth and dip  $5^{\circ}$  to the southwest. Forty (40) lineal feet of hand and blast trenching representing approximately 9 cubic yards were excavated on the showings. A total of 9 rock samples and 12 soil samples were taken on the claims and were analyzed for gold, silver and copper (See enclosed maps and analysis sheets for details).

#### RECOMMENDATIONS:

1. It is recommended that additional claims be staked both to the northwest and southeast of the present claims to cover the anomalous values obtained in samples R-7 and R-12 respectively.

2. It is recommended that the present grid system be extended to allow soil sampling, VLF and magnetometer surveys to be performed in an attempt to extend the strike of the known veins.
3. Staking claims to cover the area in which samples R-13, R-14 and R-15 may also be considered. These samples were obtained in the area of the best anomalous gold sample taken along Sheldon Creek during the 1985 regional program represented in Open File 1218.

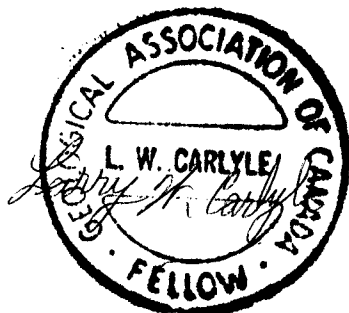
STATEMENT OF COSTS

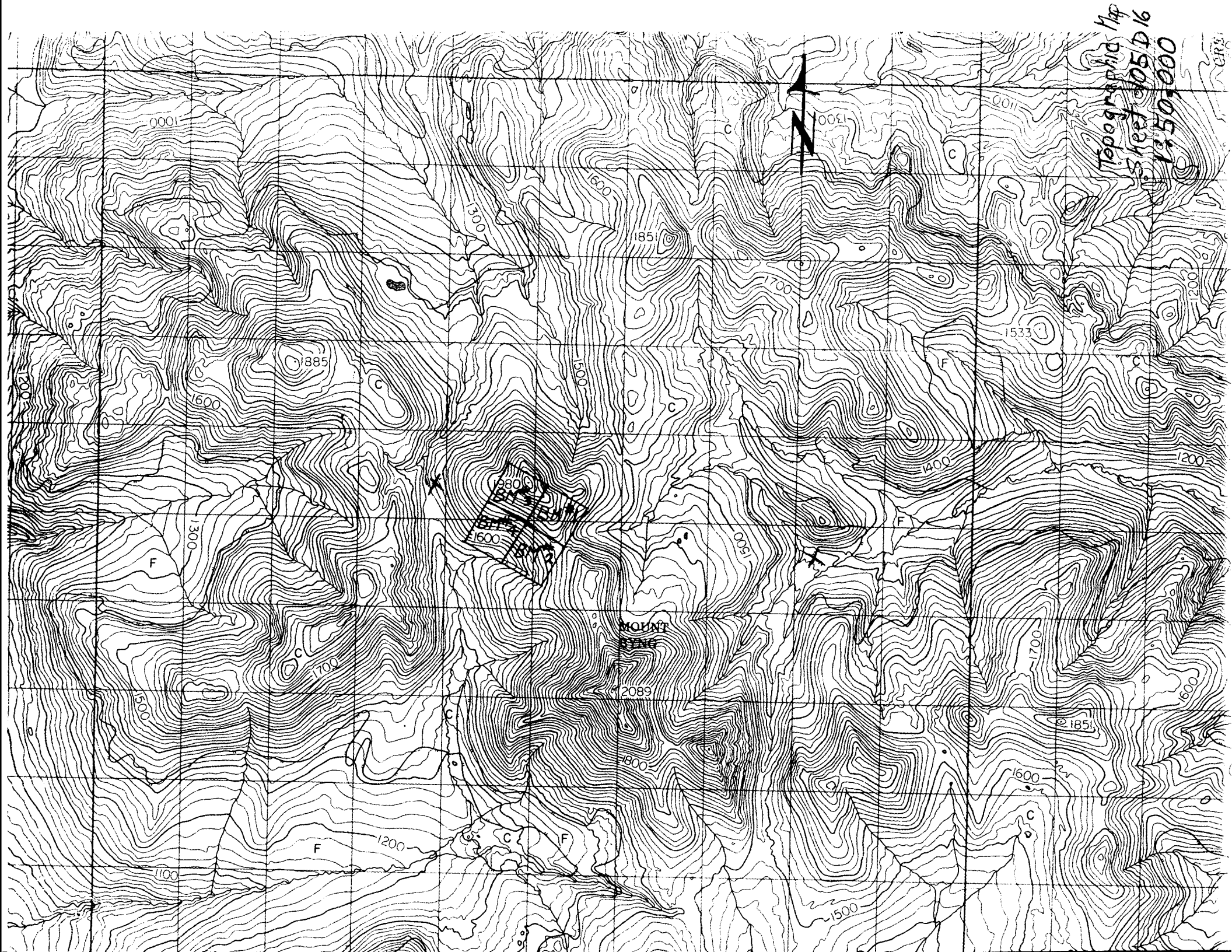
|  |           |
|--|-----------|
| Helicopter (Whitehorse to Property/Return) | \$ 687.00 |
| 2 men for 11 days @ \$50.00/day/man        | 1100.00   |
| Trenching 9 cu. yds @ \$6.00/cu. yd.       | 54.00     |
|  | -----     |
|  | \$1841.00 |

Assaying

|  |           |
|--|-----------|
| 12 Soil Samples analyzed by geochem for Au,Ag,Cu | \$ 127.80 |
| 6 Rock Samples analyzed by geochem for Au,Ag,Cu  | 78.00     |
| 3 Rock Samples analyzed by geochem for Au,Ag     | 36.00     |
| 2 Fire Assay analyses for Au,Ag & Cu             | 43.50     |
| 1/2 case powder and fuses                        | 126.95    |
|  | -----     |
|  | \$ 412.25 |

TOTAL            \$2253.25





Topographic Map  
Sheet 105.D.16  
1:50,000

MOUNT  
CREE

2089

1000

1600

1885

1300

1500

185

1700

1533

1400

1300

1800

1600

1900

1700

1700

1500

1800

1600

1851

1200

1100

1500

1+00 N

0+50 N

0+00

0+50 S

1+00 S

1+50 S

2+50 E

PROPERTY GRID  
1:2000

2+00 E

CLAIM

1+50 E

1+00 E

0+50 E

|         |         |
|---------|---------|
| POST #2 | POST #2 |
| BM #1   | BM #2   |
| POST #1 | POST #1 |
| BM #3   | BM #4   |

0+00

0+50 W

BASELINE

1+00 W

1+50 W



1+00 N

0+50 N

0+00

0+50 S

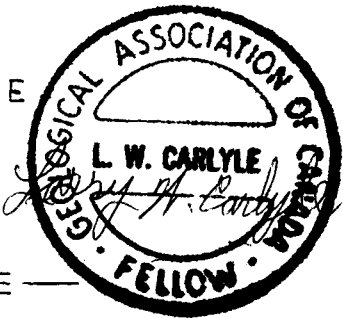
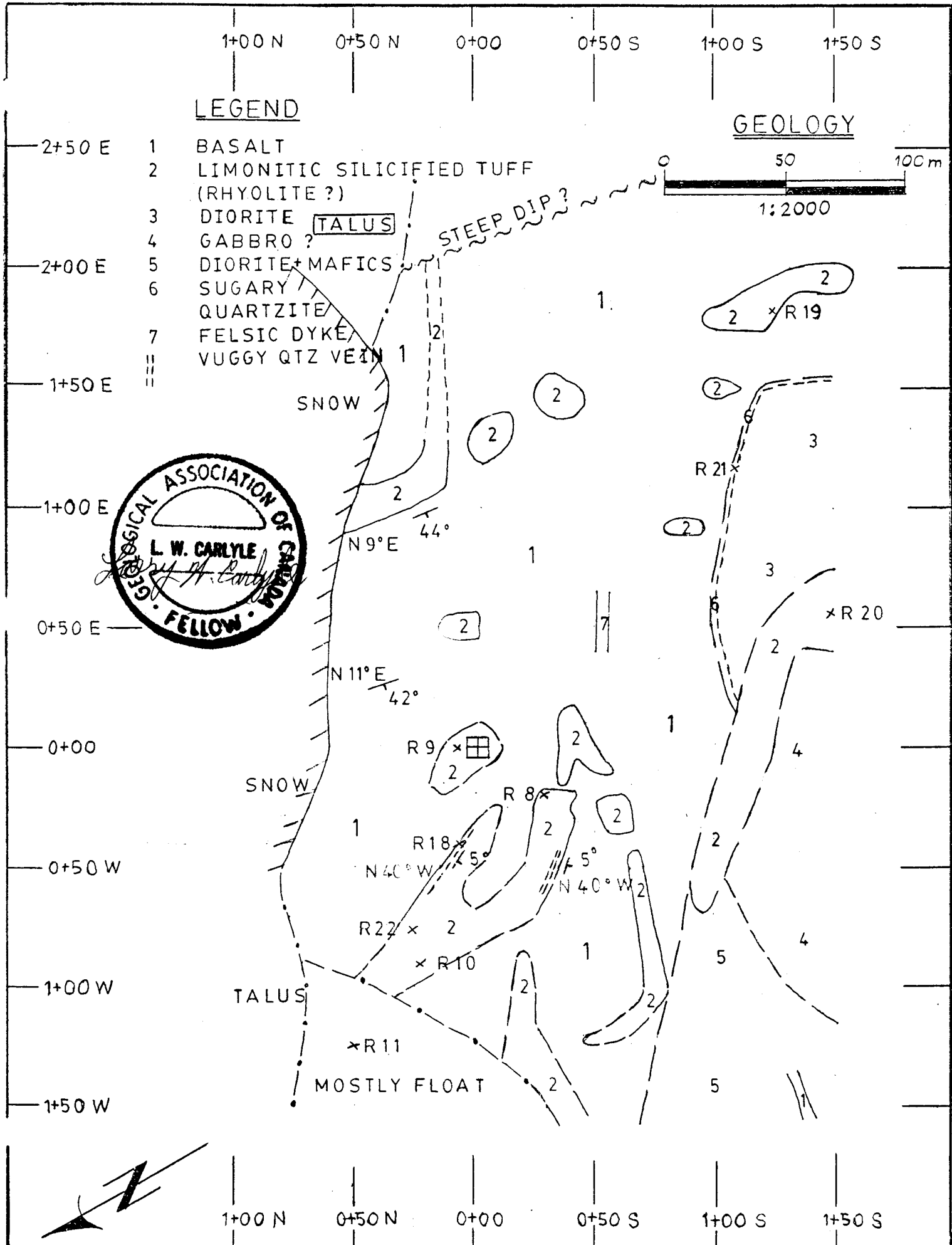
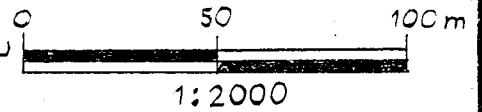
1+00 S

1+50 S

**LEGEND**

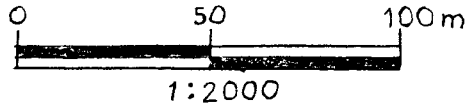
- 1 BASALT
- 2 LIMONITIC SILICIFIED TUFF (RHYOLITE ?)
- 3 DIORITE **TALUS**
- 4 GABBRO ?
- 5 DIORITE+MAFICS
- 6 SUGARY QUARTZITE
- 7 FELSIC DYKE
- || VUGGY QTZ VEIN

**GEOLOGY**



1+00 N    0+50 N    0+00    0+50 S    1+00 S    1+50 S

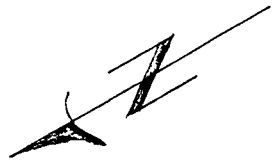
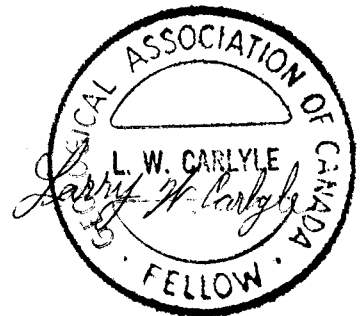
# FLOAT MAPPING & TRENCH LOCATIONS



## LEGEND

- #1 TRENCH
- (m) MALACHITE
- CHALCOPYRITE
- === VUGGY QTZ VEIN
- QTZ + PYRITE
- ⊗ QTZ

2+50 E  
2+00 E  
1+50 E  
1+00 E  
0+50 E  
0+00  
0+50 W  
1+00 W  
1+50 W



1+00 N    0+50 N    0+00    0+50 S    1+00 S    1+50 S

1+00 N 0+50 N 0+00 0+50 S 1+00 S 1+50 S

2+50 E

2+00 E

1+50 E

1+00 E

0+50 E

0+00

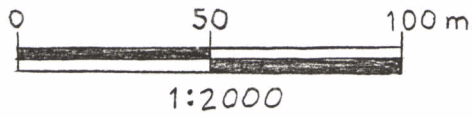
0+50 W

1+00 W

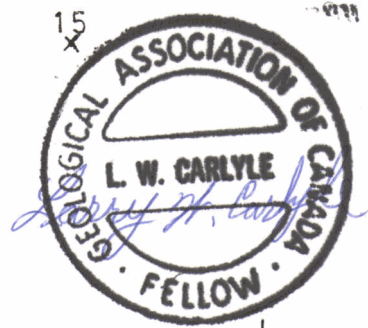
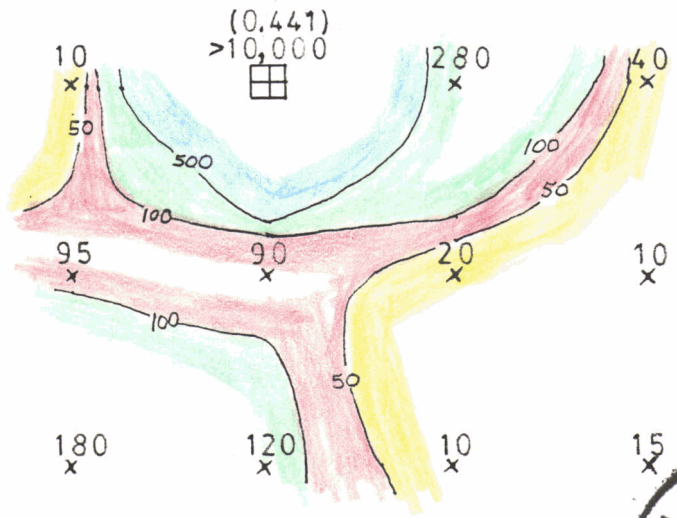
1+50 W

1+00 N 0+50 N 0+00 0+50 S 1+00 S 1+50 S

### GEOCHEM GOLD (Au) PPb (opt)



- <50 PPb
- 50 to 100 PPb
- 100 to 500 PPb
- >500 PPb



1+00 N

0+50 N

0+00

0+50 S

1+00 S

1+50 S

2+50 E

2+00 E

1+50 E

1+00 E

0+50 E

0+00

0+50 W

1+00 W

1+50 W

1+00 N

0+50 N

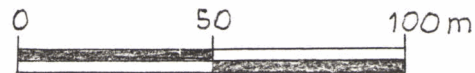
0+00

0+50 S

1+00 S

1+50 S

# GEOCHEM SILVER (Ag) PPM

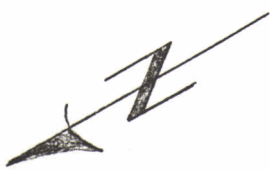
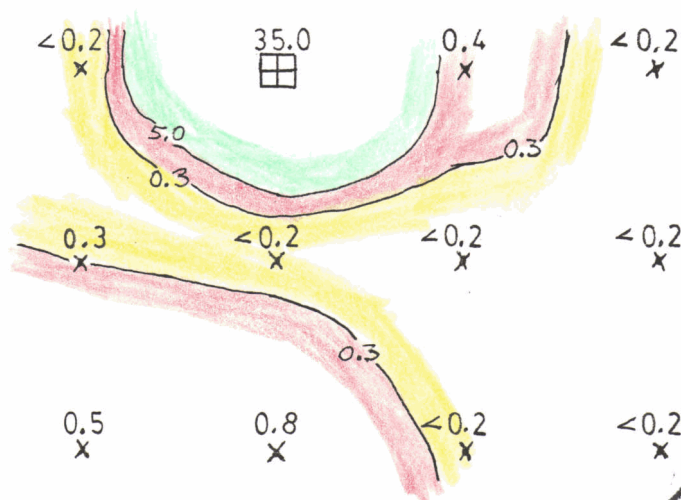


1:2000

< 0.3 PPM

0.3 to 5.0 PPM

> 5.0 PPM



1+00 N

0+50 N

0+00

0+50 S

1+00 S

1+50 S

2+50 E

2+00 E

1+50 E

1+00 E

0+50 E

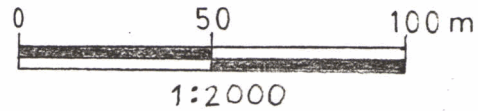
0+00

0+50 W

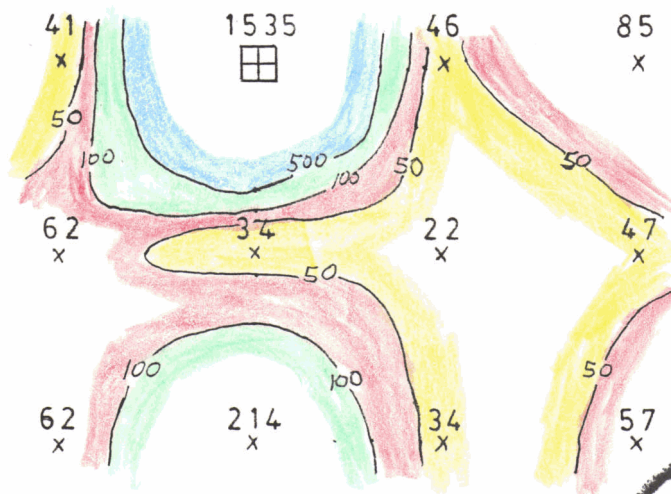
1+00 W

1+50 W

# GEOCHEM COPPER (Cu) PPM



- < 50 PPM
- 50 to 100 PPM
- 100 to 500 PPM
- > 500 PPM



1+00 N

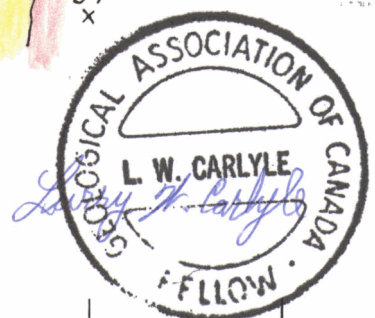
0+50 N

0+00

0+50 S

1+00 S

1+50 S



SAMPLE DESCRIPTION

| <u>SAMPLE #</u> | <u>ASSAYS</u> |             |            |             |             | <u>DESCRIPTION</u>   |
|-----------------|---------------|-------------|------------|-------------|-------------|--|
|                 | Au            | Ag          | Cu         | Pb          | Zn          |  |
| R 1             | Not Assayed   |             |            |             |             | Grey-green qtz diorite + biotite   |
| R 2             | 20<br>PPb     | 1.96<br>opt |            | 8300<br>PPM | 5800<br>PPM | Sample from ABI Trench Qtz monzonite with Rhodonite, Py, PbS, ZnS + Po (?)                           |
| R 3             | <5<br>PPb     | 7.1<br>PPM  |            |             |             | Sample of qtz - feldspar fracture fillings in qtz monzonite near Camp 2. Limonitic with trace Py.    |
| R 4             | <5<br>PPb     | 3.6<br>PPM  |            |             |             | Sample of rhyolitic(?) limonitic stained dyke material with 1/16" clay altered feldspars + Tr Py.    |
| R 5             | 15<br>PPb     | 1.5<br>PPM  |            |             |             | Sample of weakly limonitic rhyolitic or tuffaceous material with 1/16" qtz eyes + Tr Py near Camp 3. |
| R 6             | 10<br>PPb     | 2.2<br>PPM  |            |             |             | Sample of apparently barren qtz fracture fillings in granodiorite SW of Camp 3.                      |
| R 7             | 840<br>PPb    | 3.2<br>PPM  | 340<br>PPM |             |             | Sample of limonitic qtz stringers in tuff (?) with Tr Py and Malachite. Extension of BM Claims ?     |
| R 8             | <5<br>PPb     | 2.3<br>PPM  |            |             |             | Sample of limonitic silicified rhyolitic or tuffaceous material with Tr Py. Just west of R 9.        |

| SAMPLE # | ASSAYS      |             |            | DESCRIPTION  |
|----------|-------------|-------------|------------|--|
|          | Au          | Ag          | Cu         |  |
| R 9      | .967<br>opt | 4.07<br>opt | 6.53<br>%  | Highly gossaned and wad stained qtz + tuff(?). Strong malachite + azurite fracture fillings. On BM Claims.               |
| R 10     | 4000<br>PPb | 3.52<br>opt | 4.62<br>%  | Float of qtz vein with strong wad, limonite, malachite + azurite fract fillings. Tr bornite + Py. On BM Claims.          |
| R 11     | 130<br>PPb  | 2.3<br>PPM  | 340<br>PPM | Float of silicified tuff (?), limonitic, Tr Py + malachite(?), diopside(?) On BM Claims.                                 |
| R 12     | 1.70<br>opt | 5.0<br>PPM  |            | Sample of qtz - calcite veinlet with strong limonite + Tr Py. North edge of Mount Byng.                                  |
| R 13     | 320<br>PPb  | 0.5<br>PPM  |            | Apparently barren white qtz - calcite veinlets in shale north of Camp 5 near limestone.                                  |
| R 14     | 70<br>PPb   | 0.8<br>PPM  |            | Limonitic and silicified shale(?) with Tr Py on ridge SW of Camp 5.  |
| R 15     | 1300<br>PPb | 2.5<br>PPM  |            | Apparently barren qtz veinlets from near R 14.   |
| 2-2-1    | 40<br>PPb   | 14<br>PPM   |            | Sample of limonitic shale + Tr Py NE of BM Claims and N of Mount Byng.   |
| R 16     | 10<br>PPb   | 0.4<br>PPM  |            | Limonitic dk. green-black basalt cut by secondary white qtz f.f. + Tr Py. Talus slope just below #2 Posts of BM #3 & #4. |
| R 17     | 15<br>PPb   | 0.6<br>PPM  |            | Vuggy limonitic tuff(?) cut by 2 phases of qtz + chalcedony. Sampled by someone else earlier.                            |

| SAMPLE # | ASSAYS      |            |           | DESCRIPTION   |
|----------|-------------|------------|-----------|---|
|          | Au          | Ag         | Cu        |   |
| R 18     | 4500<br>PPb | 6.4<br>PPM | 82<br>PPM | Sample of limonitic to fresh qtz vein material from Trench # 3. Tr malachite. |
| R 19     | 75<br>PPb   | 0.8<br>PPM |           | Limonitic, silicified and bleached basalt. Tr Py. On BM # 2 Claim.            |
| R 20     | 85<br>PPb   | 0.3<br>PPM |           | Consolidated tuff cut by secondary qtz f.f. Weak limonite f.f.                |
| R 21     | 780<br>PPb  | 5.8<br>PPM | 48<br>PPM | Pyritized meta-basalt from near diorite contact on BM Claims.                 |
| R 22     | 35<br>PPb   | 0.8<br>PPM | 68<br>PPM | Probable sample of diorite thought to be a Cu mineral. On BM Claims.          |

#### BM CLAIM SOIL SAMPLES

|          |      |      |      |   |
|----------|------|------|------|---|
| 0 + 00   | 10   | <0.2 | 41   | Steep slope 3 - 4" depth<br>B + C Horizon Brown Some<br>Talus Good drainage.            |
| 0 + 50 N | PPb  | PPM  | PPM  |   |
| 0 + 00   | .441 | 35   | 1535 | Steep slope 6 - 8" depth<br>B Horizon Some malachite<br>Brown Fair to good<br>drainage. |
| 0 + 00   | opt  | PPM  | PPM  |   |
| 0 + 00   | 280  | 0.4  | 46   | Moderate slope 3 - 4" depth<br>C Horizon Brown Good<br>drainage Edge of Gossan<br>Zone. |
| 0 + 50 S | PPb  | PPM  | PPM  |   |
| 0 + 00   | 40   | <0.2 | 85   | Steep slope 2 - 3" depth<br>B Horizon Brown (clayey)<br>Good drainage.                  |
| 1 + 00 S | PPb  | PPM  | PPM  |   |
| 0 + 50 W | 10   | <0.2 | 47   | Steep slope 3 - 4" depth<br>B Horizon Brown Fair to<br>good drainage.                   |
| 1 + 00 S | PPb  | PPM  | PPM  |   |
| 0 + 50 W | 20   | <0.2 | 22   | Low slope 3 - 4" depth<br>B Horizon Some talus<br>Brown Good drainage.                  |
| 0 + 50 S | PPb  | PPM  | PPM  |   |

| SAMPLE # | ASSAYS |      |     | DESCRIPTION   |
|----------|--------|------|-----|---|
|          | Au     | Ag   | Cu  |   |
| 0 + 50 W | 90     | <0.2 | 34  | Moderate slope 4 - 5" depth   |
| 0 + 00   | PPb    | PPM  | PPM | B Horizon Gossan zone Red-brown soil Fair drainage.                   |
| 0 + 50 W | 95     | 0.3  | 62  | Steep slope 3 - 4" depth  |
| 0 + 50 N | PPb    | PPM  | PPM | C Horizon Heavy talus Brown Good drainage.                            |
| 1 + 00 W | 180    | 0.5  | 62  | Steep slope 3 - 4" depth  |
| 0 + 50 N | PPb    | PPM  | PPM | B Horizon Edge of Gossan zone Brown Good drainage.                    |
| 1 + 00 W | 120    | 0.8  | 214 | Steep slope 5 - 6" depth  |
| 0 + 00   | PPb    | PPM  | PPM | B Horizon Frost boil Brown Good drainage.                             |
| 1 + 00 W | 10     | <0.2 | 34  | Moderate slope 2 - 3" depth   |
| 0 + 50 S | PPb    | PPM  | PPM | C Horizon (Some humus) Heavy talus - little soil Brown Good drainage. |
| 1 + 00 W | 15     | <0.2 | 57  | Low slope 4" depth  |
| 1 + 00 S | PPb    | PPM  | PPM | B Horizon Frost Soil Red-brown (Magnetite soil) Good drainage.        |

GEM CLAIM SAMPLES

|                |                  |                    |                |                |  |
|----------------|------------------|--------------------|----------------|----------------|--|
| <del>G 1</del> | <del>&lt;5</del> | <del>0.2</del>     | <del>PPb</del> | <del>PPM</del> | <del>Dk green-black f.g. andesite minor pyrite. Trace Po or Cp? Odd red-bronze tannish on some Py.</del> |
| <del>G 2</del> | <del>&lt;5</del> | <del>&lt;0.2</del> | <del>PPb</del> | <del>PPM</del> | <del>Sheared limonitic rhyolitic dyke with minor pyrite.</del>   |
| <del>G 3</del> | <del>&lt;5</del> | <del>0.4</del>     | <del>PPb</del> | <del>PPM</del> | <del>Conoidal fracturing f.g. andesite with minor pyrite (silicified?).</del>                            |
| <del>G 4</del> | <del>&lt;5</del> | <del>&lt;0.2</del> | <del>PPb</del> | <del>PPM</del> | <del>Limonitic, highly sheared limestone near contact with volcanic dykes.</del>                         |

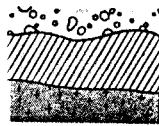


REPORT: 126-3266

PROJECT: NONE GIVEN

PAGE 1

| SAMPLE NUMBER | ELEMENT UNITS | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Au PPB |
|---------------|---------------|--------|--------|--------|--------|--------|
| R2 R2         |               |        | 8300   | 5800   | >50.0  | 20     |
| R2 R3         |               |        |        |        | 7.1    | <5     |
| R2 R4         |               |        |        |        | 3.6    | <5     |
| R2 R5         |               |        |        |        | 1.5    | 15     |
| R2 R6         |               |        |        |        | 2.2    | 10     |
| R2 R7         |               | 340    |        |        | 3.2    | 840    |
| R2 R8         |               |        |        |        | 2.3    | <5     |
| R2 R9         |               | >20000 |        |        | >50.0  | >10000 |
| R2 R10        |               | >20000 |        |        | >50.0  | 4000   |
| R2 R11        |               | 340    |        |        | 2.3    | 130    |
| R2 R12        |               |        |        |        | 5.0    | >10000 |
| R2 R13        |               |        |        |        | 0.5    | 320    |
| R2 R14        |               |        |        |        | 0.8    | 70     |
| R2 R15        |               |        |        |        | 2.5    | 1300   |
| R2 2-2-1      |               |        |        |        | 14.0   | 40     |



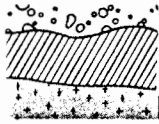
ART: 126-3266

PROJECT: NONE GIVEN

PAGE 1

| SAMPLE NUMBER | ELEMENT UNITS | CU PPM | PB PPM | ZN PPM | AG PPM | AU PPB |             |
|---------------|---------------|--------|--------|--------|--------|--------|-------------|
| R2 R2         |               |        | 8300   | 5800   | >50.0  | 20     |             |
| R2 R3         |               |        |        |        | 7.1    | <5     |             |
| R2 R4         |               |        |        |        | 3.6    | <5     |             |
| R2 R5         |               |        |        |        | 1.5    | 15     |             |
| R2 R6         |               |        |        |        | 2.2    | 10     |             |
| R2 R7         |               | 340    |        |        | 3.2    | 840    | 0.025 oz/T. |
| R2 R8         |               |        |        |        | 2.3    | <5     |             |
| R2 R9         |               | >20000 | 2.0%   |        | >50.0  | >10000 | 0.29 oz/T   |
| R2 R10        |               | >20000 | 2.0%   |        | >50.0  | 4000   | 0.12 oz/T   |
| R2 R11        |               | 340    |        |        | 2.3    | 130    | 0.004 oz/T  |
| R2 R12        |               |        |        |        | 5.0    | >10000 | 0.29 oz/T   |
| R2 R13        |               |        |        |        | 0.5    | 320    | 0.009 oz/T  |
| R2 R14        |               |        |        |        | 0.8    | 70     |             |
| R2 R15        |               |        |        |        | 2.5    | 1300   | 0.04 oz/T   |
| R2 2-2-1      |               |        |        |        | 14.0   | 40     |             |

Bondar-Clegg & Company Ltd.  
130 Pemberton Ave.  
North Vancouver, B.C.  
Canada V7P 2R5  
Phone: (604) 985-0681  
Telex: 04-352667



# BONDAR-CLEGG

Certificate  
of Analysis

REPORT: 626-3266

PROJECT: NONE GIVEN

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| SAMPLE<br>NUMBER | ELEMENT<br>UNITS | Au<br>OPT | Ag<br>OPT | Cu<br>PCT |
|------------------|------------------|-----------|-----------|-----------|
| R2 R2            |                  |           | 1.96      |           |
| R2 R9            |                  | 0.967     | 4.07      | 6.53      |
| R2 R10           |                  |           | 3.52      | 4.62      |
| R2 R12           |                  | 1.700     |           |           |

*Handwritten signature*



REPORT: 126-3737

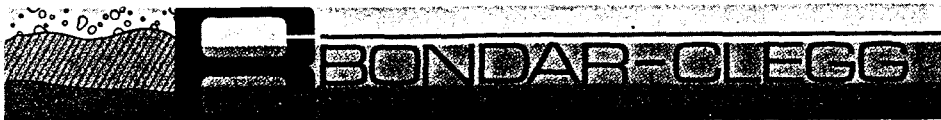
PROJECT: NONE GIVEN

PAGE 1

| SAMPLE NUMBER  | ELEMENT UNITS | CU PPM | AG PPM | AU PPB |
|----------------|---------------|--------|--------|--------|
| S1 0+00-0+50N  |               | 41     | <0.2   | 10     |
| S1 0+00-0+00   |               | 1535   | 35.0   | >10000 |
| S1 0+00-0+50S  |               | 46     | 0.4    | 280    |
| S1 0+00-1+00S  |               | 85     | <0.2   | 40     |
| S1 0+50W-0+50N |               | 62     | 0.3    | 95     |
| S1 0+50W-0+00  |               | 34     | <0.2   | 90     |
| S1 0+50W-0+50S |               | 22     | <0.2   | 20     |
| S1 0+50W-1+00S |               | 47     | <0.2   | 10     |
| S1 1+00W-0+50N |               | 62     | 0.5    | 180    |
| S1 1+00W-0+00N |               | 214    | 0.8    | 120    |
| S1 1+00W-1+00S |               | 57     | <0.2   | 15     |
| S1 1+00W-0+50S |               | 34     | <0.2   | 10     |
| R2 R-16        |               |        | 0.4    | 10     |
| R2 R-17        |               |        | 0.6    | 15     |
| R2 R-18        |               | 82     | 6.4    | 4500   |
| R2 R-19        |               |        | 0.8    | 75     |
| R2 R-20        |               |        | 0.3    | 85     |

Company Ltd.

ve.  
er. B.C.  
2R5  
A) 985-0681  
A-352667



Certificate  
of Analysis

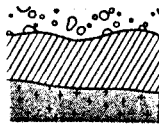
REPORT: 626-3737

PROJECT: NONE GIVEN

PAGE 1

| SAMPLE<br>NUMBER | ELEMENT<br>UNITS | Au<br>OPT |
|------------------|------------------|-----------|
|------------------|------------------|-----------|

|              |  |       |
|--------------|--|-------|
| S1 0+00-0+00 |  | 0.441 |
|--------------|--|-------|



REPORT: 126-3815

PROJECT: NONE GIVEN

PAGE 1

| SAMPLE NUMBER | ELEMENT UNITS | CU PPM | AG PPM | AU PPB |
|---------------|---------------|--------|--------|--------|
|---------------|---------------|--------|--------|--------|

|       |       |    |     |     |
|-------|-------|----|-----|-----|
| R2 R1 | (R21) | 48 | 5.8 | 780 |
| R2 R2 | (R22) | 68 | 0.8 | 35  |

PYRITIZED MATT BASALT

QUESTIONABLE CU SAMPLE

**FLIGHT TICKET / INVOICE**  
**CAPITAL HELICOPTERS INC.**  
 4193 - 104TH STREET, DELTA, B.C. V4K 3N3  
 (604) 596 - 2423

CHARTERER: LARRY CARLYLE  
 ADDRESS: 74 TAMMARA AVE  
WHITEHORSE Y.T.

DATE: 18 Aug 86  
 A/C: C-616E  
 TYPE: 206L  
 BASE: WHPSE  
 CASH  CHARGE  
 P.O.:

| REMARKS                        | PASS | CARGO | TIME       |
|--------------------------------|------|-------|------------|
| <u>WHPSE - MT BUNG - WHPSE</u> |      |       | <u>0.6</u> |
| <u>PPMO BY CHECK</u>           |      |       |            |
| <u>PPMO BY CHECK</u>           |      |       |            |
| <u>See For 206 B</u>           |      |       |            |

TERMS: NET 10 DAYS  
 FUEL COST \$ 473.50  
 FLYING 0.6 HRS. AT \$ 600.00 - 300.00  
 TOTAL \$ 343.50

AUTHORIZED BY: Larry Carlyle  
 CONTRACT HRS. \_\_\_\_\_  
 DAY \_\_\_\_\_  
 MONTH \_\_\_\_\_  
 YEAR \_\_\_\_\_

FUEL SUPPLIED BY:  CUST  CHI  
 CAPITAL FUEL  
15 GALS FROM WHPSE AT 2 PER GAL  
 \_\_\_\_\_ GALS FROM \_\_\_\_\_ AT \_\_\_\_\_ PER GAL  
 \_\_\_\_\_ GALS FROM \_\_\_\_\_ AT \_\_\_\_\_ PER GAL  
 \_\_\_\_\_ GALS FROM \_\_\_\_\_ AT \_\_\_\_\_ PER GAL

PILOTS NAME: Bruno Melli  
 SIGNATURE: B. Melli

ATLIN, B.C.   
 WHITEHORSE, Y.T.   
 PRINCE GEO., B.C.   
 DELTA, B.C.

FLIGHT TICKET NO. N<sup>o</sup> 00159

**FLIGHT TICKET / INVOICE**  
**CAPITAL HELICOPTERS INC.**  
 4 - 6455 - 64TH STREET, DELTA, B.C. V4K 4E2  
 (604) 596 - 2423 **2399**

CHARTERER: LARRY CARLYLE  
 ADDRESS: Whitehorse  
(50-3910)

DATE: 9 Aug 86  
 A/C: 206B  
 TYPE: 206B  
 BASE: Whitehorse  
 CHECK  CASH  CHARGE  
 P.O.:

| REMARKS  | PASS     | CARGO | TIME      |
|--|----------|-------|-----------|
| <u>MT Bung and return</u><br><u>Whitehorse</u> | <u>2</u> |       | <u>.6</u> |
| <u>PPMO BY CHECK</u>                           |          |       |           |
| <u>PPMO BY CHECK</u>                           |          |       |           |
| <u>See For 206 B</u>                           |          |       |           |

TERMS: NET 10 DAYS  
 FUEL COST \$ 473.50  
 FLYING 0.6 HRS. AT \$ 600.00 - 300.00  
 TOTAL \$ 343.50

AUTHORIZED BY: Larry Carlyle  
 CONTRACT HRS. \_\_\_\_\_  
 DAY \_\_\_\_\_  
 MONTH \_\_\_\_\_  
 YEAR \_\_\_\_\_

FUEL SUPPLIED BY:  CUST  CHI  
 CAPITAL FUEL  
 \_\_\_\_\_ GALS FROM \_\_\_\_\_ AT \_\_\_\_\_ PER GAL  
 \_\_\_\_\_ GALS FROM \_\_\_\_\_ AT \_\_\_\_\_ PER GAL  
 \_\_\_\_\_ GALS FROM \_\_\_\_\_ AT \_\_\_\_\_ PER GAL  
 \_\_\_\_\_ GALS FROM \_\_\_\_\_ AT \_\_\_\_\_ PER GAL

PILOTS NAME: Bruno Melli  
 SIGNATURE: B. Melli

ATLIN, B.C.   
 WHITEHORSE, Y.T.   
 PRINCE GEO., B.C.   
 DELTA, B.C.

FLIGHT TICKET NO. 2399

CERTIFICATE OF QUALIFICATIONS

091940

I, LARRY W. CARLYLE, do certify:

1. That I hold a B. Sc. degree in geology from the University of British Columbia (1970).
2. That I am a Fellow of the Geological Association of Canada (F - 4355).
3. That I am a Registered Professional Geologist in the Association of Professional Engineers, Geologists and Geophysicists of the Province of Alberta (41097).
4. That I am a Member of the Canadian Institute of Mining and Metallurgy.
5. That I have practiced my profession as a geologist for the past fourteen years.
6. That the information, conclusions and recommendations in the attached report are based on a program of work by the author and an associate, Mr. Drew McDonald, from July 14, 1986 to August 18, 1986 and on research of published and private geological maps and reports.
7. That the BM 1 to 4 mineral claims referred to in the report were staked and are owned on a 50% - 50% basis by the author and Mr. Drew McDonald.

Larry W. Carlyle, F.G.A.C.

