

86-619-15203

07187

GEOLOGY AND GEOCHEMICAL SURVEY

on the

GNAWED MOUNTAIN PROPERTY

HIGHLAND VALLEY AREA, B.C.

KAMLOOPS MINING DIVISION

NTS 92 I/7W

Latitude 50° ~~28'~~ 25.4'

Longitude 120° ~~59'~~ 58.5'

Prepared for

Owner/Operator: ROBAK INDUSTRIES LTD.

2520 Ashurst Avenue
Coquitlam, B.C. V3K 5T4

FILMED

by

GOWER, THOMPSON & ASSOCIATES LTD.

#360 - 522 Seventh Street

New Westminster, B. C. V3M 5T5

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

STEPHEN C. GOWER
B.Sc., F.G.A.C.

JULY 1986

15,203

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SUMMARY

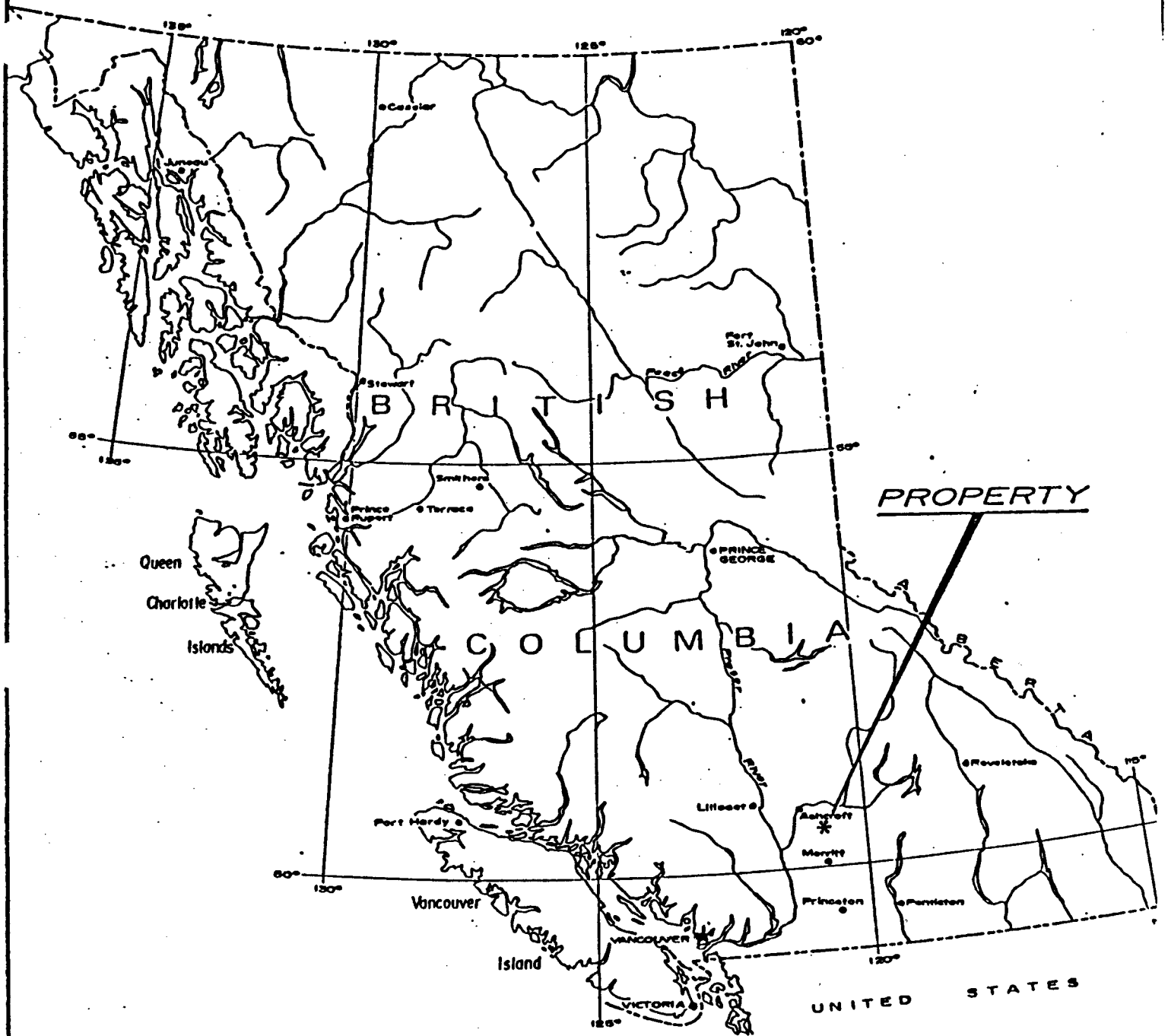
The Gnawed Mountain property is located approximately 56 kilometres (35 miles) southeast of Ashcroft in southcentral British Columbia, at an elevation of 1,364 m (4,500 feet), Kamloops Mining Division NTS 92 I/7W. The property consists of two four-post metric claims -- the Gnawed Orebody and Gnawed Breccia, totalling 12 units.

Access to the property is by 40 kilometres (25 miles) of paved road to the Lornex-Highmont turnoff, then 10 kilometres (6 miles) of gravel road to the centre of the property. The property is immediately east of the Highmont pit and south of the Highmont tailings disposal.

The general area is underlain by Bethlehem quartz diorite intruded by a tongue of porphyritic Bethsaida granodiorite.

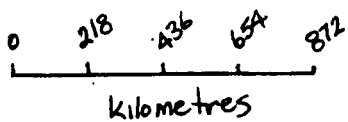
The 1986 field program consisted of a soil and rock sampling program over the Ann zone on the west side of the property for orientation purposes, and a trenching and geochemical program over the New Discovery Zone on the east side of the property. Prospecting and cursory geological mapping were carried out to delineate the extent of the quartz stock-work around the Gnawed Mountain breccia. An examination of vein types was compiled as part of the program.





PROPERTY

1 : 8,617,000



PROPERTY
LOCATION MAP

HIGHLAND VALLEY, B.C.

SCALE
1" = 136 Miles

Fig 1

STATEMENT OF COSTS

FIELD PERSONNEL

S. C. Gower - April 24, 29, June 27-30, July 1-4
10 days @ \$240/day \$ 2,400.00

E. M. Thompson - April 24, 29, June 22-30, July 1-4
10 days @ \$120/day 1,200.00

FOOD AND ACCOMMODATIONS

10 days for two persons 883.43

EQUIPMENT & SUPPLIES 143.65

TRUCK RENTAL

\$55/day; \$275/week 440.00

LABORATORY ANALYSES 623.50

REPORT PREPARATION 787.50

TOTAL: \$ 6,478.08

=====
McGraw

ESTIMATED COST OF RECOMMENDED PROGRAM

(NEW DISCOVERY ZONE)

STAGE I

| | |
|--|--------------------|
| Detailed soil and rock geochemical survey over East MoS ₂ Zone | \$ 15,000 |
| I.P. Survey East MoS ₂ Zone | 10,000 |
| Backhoe Trenching | 5,000 |
| Mapping and Sampling | 8,000 |
| Assays | <u>4,000</u> |
| Sub-total: | \$ 42,000 |
| Contingencies 10% | <u>4,200</u> |
| TOTAL STAGE I: | \$ 46,200 ===== |

STAGE II (contingent upon favourable results of Stage I)

Consisting of reverse circulation drilling
5,000 feet @ \$20/foot (all inclusive)

TOTAL STAGE II: \$ 100,000
=====



INTRODUCTION

Gower, Thompson & Associates Ltd. were contracted by Robak Industries Ltd. to conduct a geological and geochemical program on the Gnawed Mountain property to assess the mineral potential of the property.

The field work was carried out by S. C. Gower, geologist, assisted by E. M. Thompson, prospector and field scout, during the period April 24 to July 4, 1986. The report was written in the period July 16 to 22, 1986.

LOCATION AND ACCESS

The Gnawed Breccia and Gnawed Orebody mineral claims are located in the Highland Valley 56 kilometres (35 miles) southeast of Ashcroft in southcentral British Columbia, at an elevation 1,365 m (4,500 feet).

Access to the property is by 40 kilometres (25 miles) of paved road to the Lornex-Highmont turnoff, then 9.6 kilometres (6 miles) by gravel road to the center of the property. The property is southeast of the Highmont pit and waste disposal area.

The property is easy to traverse, the terrain being almost park-like, except for steep slopes along the east flank of Gnawed Mountain.

CLAIM STATUS

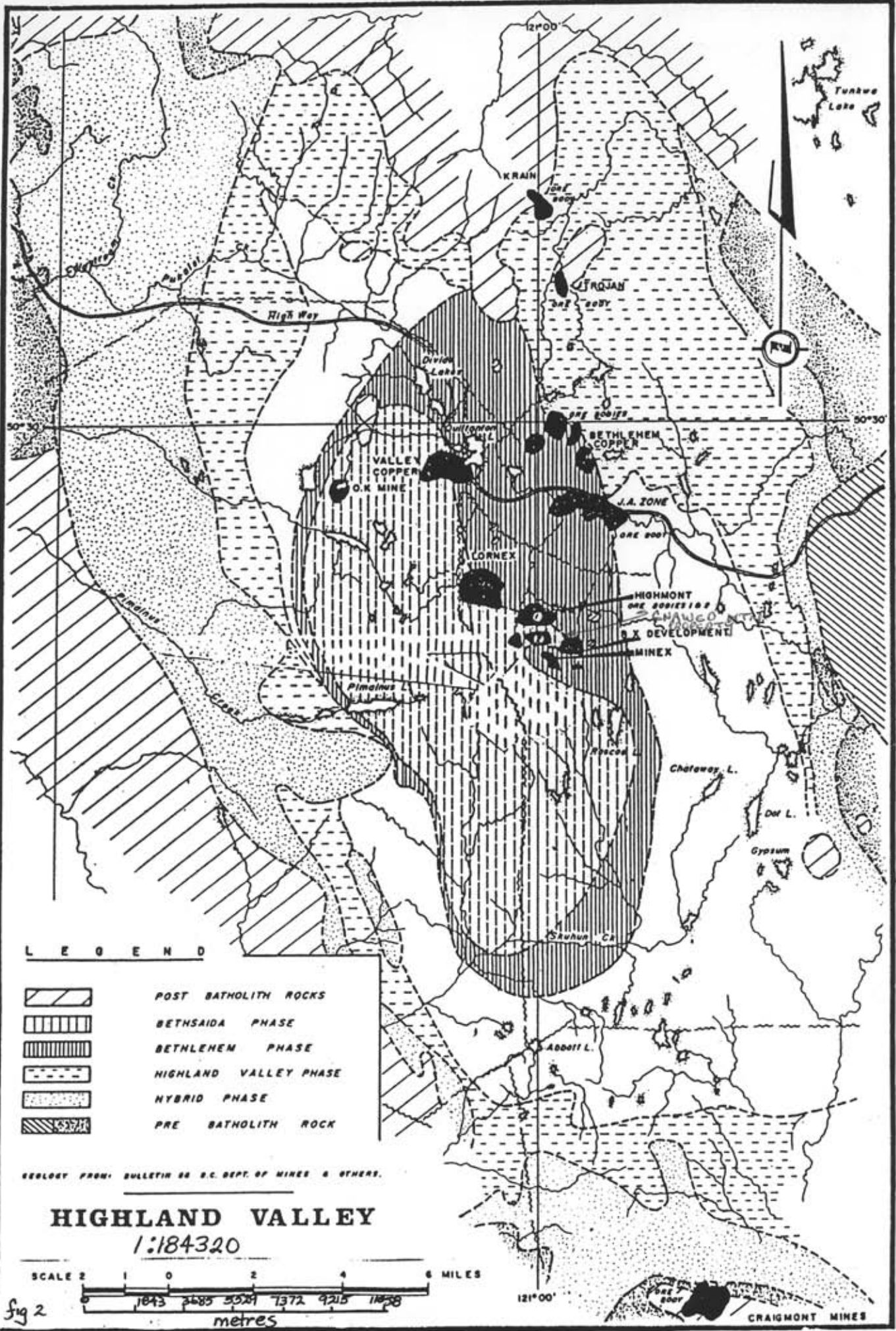
The property consists of the following four-post claims:

Owner: Robak Industries

Claim Name: Gnawed Orebody
Units: 6 (2 east/3 south)
Record Number: 123
Anniversary Date: October 28
Year of Expiry: 1987 (before present survey)
Years Claimed this Survey: 3 years

Claim Name: Gnawed Breccia
Units: 6 (2 east/3 south)
Record Number: 124
Anniversary Date: October 28
Year of Expiry: 1987 (before present survey)
Years Claimed this Survey: 2 years

The legal corner posts were not examined. Verbal communication with Highmont personnel indicates at least one of the LCP's was destroyed by Highmont during their pit construction. The legality of the claims is the responsibility of the owner.



CLAIM LOCATION
1:50,000

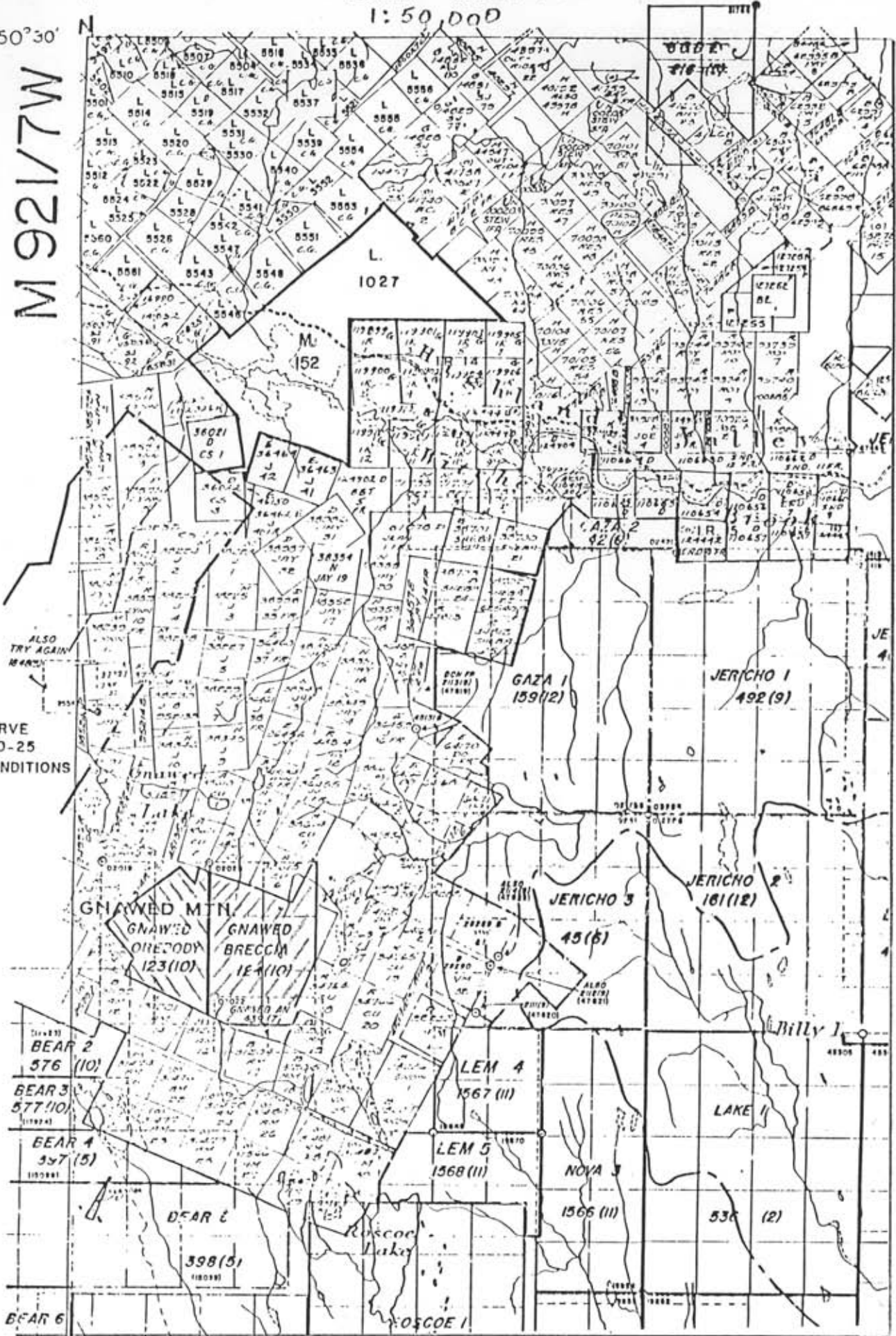
50°30'

M 921/7W

6

MINERAL RESERVE
O/C 2787, 79-10-25
SUBJECT TO CONDITIONS

5



ALSO TRY AGAIN

- BEAR 2
576 (10)
- BEAR 3
577 (10)
- BEAR 4
357 (5)
- BEAR 5
398 (5)
- BEAR 6

GNAWED MTN.
GNAWED
OREBODY
123 (10)

GNAWED
BRECCIA
1E4 (10)

GAZA 1
159 (12)

JERICO 1
492 (9)

JERICO 3
45 (6)

JERICO 2
161 (12)

LEM 4
1567 (11)

LEM 5
1568 (11)

NOVA 3
1566 (11)

LAKE 1
536 (2)

ROSCOE
LAKE
ROSCOE 1

Jilly 1

GEOLOGY - 1986 PROGRAM

The property is near the centre of the Guichon batholith which itself intrudes sedimentary and volcanic rocks of the Cache Creek and Nicola groups. The claims are underlain by Bethlehem quartz diorite into which a tongue of porphyritic Bethsarda granodiorite has intruded. Four types of veins or fracture fillings were observed on the property.

- Type I - The veins range in width from 2 to 25 mm (one inch) in width and are mineralized with quartz, chalcopryrite, bornite and molybdenite. The quartz commonly displays a vuggy texture with the mineralization occupying the central part of the vein. The vein is enclosed in an alteration envelope consisting of sericite, orthoclase and tourmaline.
- Type II - The veins range in width from 2 to 100 mm (4 inches) and are mineralized with pyrite, chalcopryrite and minor molybdenite. The quartz is massive and the mineralization is scattered throughout the vein.
- Type III - The veins range in width up to 1.0 metre (3.3 feet) and are mineralized with quartz, molybdenite and clay minerals. The quartz is greyish, brecciated and seamed by molybdenite and clay minerals. These veins are younger than Types I and II.
- Type IV - These veins range in width up to 0.3 metre (one foot) and are generally barren. They consist of greyish white, sugary quartz.

The major portion of the property is underlain by Skeena (Bethelhem) quartz-diorite into which a tongue of porphyritic Bethsaida granodiorite had been intruded, presumably along a major fracture zone. The Bethsaida granodiorite contains a series of breccias near the northwest corner of the property and also near the summit of Gnawed Mountain.

A major regional fault locally named the "Waterhole Fault" traverses the northwest corner of the property in a northeasterly direction toward the east edge of Gnawed Lake. This fault appears to be post-mineral.

Both phases of the batholith are mineralized in the west and northwest corner of the claim group (Ann Zone) and on the east side of Gnawed Mountain (New Discovery Zone).

STRUCTURE

Mineralization is located in fracture zones probably related to the emplacement of Bethsaida granodiorite porphyries and breccias. These zones form a stockwork mineralized by quartz which is generally oval in shape, centred around the peak of Gnawed Mountain. The mineral zone appears to be enriched with MoS_2 on the south and east sides of Gnawed Mountain. The Ann Zone (west side of Gnawed Mountain) is hosted in a strong quartz stockwork which forms striking bluffs for hundreds of metres along the west flank of Gnawed Mountain.

MINERAL POTENTIAL

The Ann Zone is located on the west side of the property. The claim lines are cut for the original Ann claims and the posts surveyed. A report by Gavin Dirom to Trojan Mines in 1969 contains the following conclusions:

"To a pit depth of approximately 120 m (400 feet), i.e. to around 1,575 m (5,200 feet) elevation.

Using a 0.30% Copper cut-off - 19,000,000 tons averaging 0.30% Cu and 0.005% MoS₂.

Using a 0.20% Copper cut-off - 45,000,000 tons averaging 0.26% Cu and 0.005% MoS₂.

These represent blocks up to 200 to 300 metres (656 to 984 feet) wide and 360 to 660 metres (1,181 to 2,165 feet) long. Similar grade mineralization can be expected to continue to greater depth. The mineralization in the drill holes consists primarily as bornite and chalcocite in quartz filled fractures and hairline seams. Chalcopyrite and molybdenite occur in minor amounts with only traces of pyrite."

A second zone of mineral potential occurs about 1,000 metres (3,281 feet) southeast of the Ann zone adjacent to the south property boundary near the AM 14 claim. A zone of copper mineralization carrying significant concentrations of MoS₂ appears to trend onto the Ganwed Orebody claim. This zone should be investigated with geochemical and geophysical surveys followed up by reverse circulation drilling if warranted.

A third zone of mineral potential referred to in this report as the "New Discovery Zone" is situated east of Gnawed Mountain on the east side of the property. This zone consists of a zone-shattered quartz diorite mineralized with bornite, chalcocite, malachite and molybdenite which possesses significant potential for tonnage and grade greater than that on other portions of the property. In addition, some of the veins are carrying significant credits in silver and trace concentrations in gold. This zone appears to intersect a major north trending structure in the vicinity of highly anomalous concentrations of copper and molybdenium in soil, silt and water.

EXPLORATION HISTORY

Portions of the property have been examined by a number of major exploration companies including American Smelting and Refining (1957-58); Kennco Explorations and Anaconda (1964-1965); Trojan Consolidated (1969); Canadian Superior (1970); and New Minen (1975-77). Prior work consisted of geological mapping, geochemical surveys, induced polarization surveys, and percussion and diamond drilling. The majority of the work has been concentrated on the western portion of the claim area south of the Highmont pit (Ann Zone). Very little work has been concentrated on the molybdenum-copper zone designated as the New Discovery Zone.

GEOCHEMISTRY - 1986 PROGRAM

Silt and soil samples have been analyzed in this and previous programs from the claim area. Threshold and anomalous values have been determined to be as follows:

| ELEMENT: | Cu | MoS ₂ | Ag |
|---------------------|---------|------------------|---------|
| Threshold: | 100 ppm | 10 ppm | 1.0 ppm |
| Weakly Anomalous: | 200 ppm | 20 ppm | 2.0 ppm |
| Strongly Anomalous: | 600 ppm | 50 ppm | 4.0 ppm |

Gold in soil analyses were not run during the current program.

WORK PROGRAM - 1986

The 1986 work program consisted of reconnaissance geology over the entire claim area, identifying targets, hand trenching zones and soil sampling over areas of interest. Hand trenching was carried out over the New Discovery Zone utilizing shovels and mattocks to remove soil cover. Two rock hammers, one functioning as a mail, were used to chip samples across mineral zones. A long handled shovel was used to procure deep soil samples and examine the soil profile. Soil samples were generally taken at least 0.4 metres below surface to provide an undisturbed sample well into the "B" horizon. Sample stations were marked with flagging with the number inscribed using a felt pen. Samples were packed together into shipping sacks and sent by Greyhound Bus to Min-En Laboratories in Vancouver, B. C. Rock samples were assayed for copper, gold and silver, soil samples were run on an ICP. Both methods utilized standard laboratory methods for determinations.

Vein descriptions were noted and recorded under "Geology 1986 Program." Four vein types were identified, three of which possess economic significance. Soil samples were taken from the Ann Zone and across the tongue of Skenna (Bethlehem) quartz diorite to compare with soil values from the New Discovery Zone taken in 1979 by the author of this report during a previous survey.

ANOMALOUS VALUES - 1986 PROGRAM

ROCK SAMPLES

GN-86-001 - 1.16% Cu; 0.25 oz/ton Ag; 0.153% MoS₂ (0.25 m).
GN-86-004 - 1.92% Cu; 0.48 oz/ton Ag; 0.48% MoS₂ (0.275 m).
GN-86-005 - 0.98% Mo (0.1 m).
GN-86-007 - 0.53 oz/ton Ag; 0.19 g/tonne Au; 1.52% Mo.
GN-86-008 - 2.6% Cu; 0.77 oz/ton Ag; 3.5% MoS₂ (0.1 m).
GN-86-009 - 1.425% MoS₂ (0.1 m).
GN-86-014 - 15.75% Cu; 2.33 oz/ton Ag; 0.3 m width.
GN-86-016 - 0.56% Cu; 1.2 m width.
GN-86-017 - 0.73% Cu; 2.0 m width.
GN-86-018 - 3.74% Cu; 0.42 oz/ton Ag; 2.0 m width.

SOIL SAMPLES

GN-86-020S - 268 ppm Cu (Ann Zone).
GN-86-021S - 327 ppm Cu (Ann Zone).
GN-86-023S - 213 ppm Cu (Ann Zone).
GN-86-027S - 203 ppm Cu; 4.0 ppm Mo (New Discovery Zone).
GN-86-028S - 366 ppm Cu; 23.0 ppm Mo (New Discovery Zone).

SAMPLE NOTES - 1986 PROGRAM

ROCK SAMPLES

GN-86-001 - Sample across quartz vein cutting Bethlehem quartz diorite; vein strikes 100°, dips 70°NW, and is mineralized with malachite, bornite and molybdenite. Sample width 0.25 m (0.83 foot).

Assays: 1.16% Cu
 0.25 oz/ton Ag
 0.04 g/tonne Au
 0.153% Mo

GN-86-002 - Same quartz vein as 001 about 2 m west along strike. Visible mineralization includes malachite, bornite and molybdenite. Sample width 0.2 m (0.66 foot).

Assays: 0.69% Cu
 0.18 oz/ton Ag
 0.01 g/tonne Au
 0.07% Mo

GN-86-003 - Same quartz vein as 001, 002, about a further 3 metres west of 002. Visible malachite, bornite and molybdenite. Sample width 0.3 m.

Assays: 0.675% Cu
 0.16 oz/ton Ag
 0.03 g/tonne Au
 0.044 MoS₂

AVERAGE VEIN ASSAY (001 - 003) - 0.25 m (0.83 foot) width.

0.85% cu
0.20 oz/ton Ag
0.026 g/tonne Au
0.09% Mo

ROCK SAMPLES, contd.

GN-86-004 - Strong quartz vein well mineralized with disseminated molybdenite mineralization occurring erratically throughout the vein. Strike - 100°; dip - 85°NW; width - 0.27 m.

Assays: 1.92% Cu
 0.48 oz/ton Ag
 0.06 g/tonne Au
 0.48% Mo

GN-86-005 - Same quartz vein as 005 about 6 metres west along strike. Vein well mineralized with high grade molybdenite and ferrous-molybdate-oxide. Sample width 0.1 m (.33 foot).

Assays: 0.115% Cu
 0.12 oz/ton Ag
 0.05 g/tonne Au
 0.98% Mo

GN-86-006 - Wallrock, north side of vein 005 sample consisting of slightly orange stained Bethlehem quartz diorite mineralized with malachite and the occasional speck of disseminated molybdenite. Width 1.2 m (3.96 feet).

Assays: 0.42% Cu
 0.06 oz/ton Ag
 0.02 g/tonne Au
 0.007% Mo

GN-86-007 - Same vein as 005 about 14 metres (46 feet) west along strike. Sample consists of whitish quartz well mineralized with molybdenite, bornite and malachite. Width 0.2 m (0.66 foot).

Assays: 0.85% Cu
 0.53 oz/ton Ag
 0.19 g/tonne Au
 1.52% Mo

ROCK SAMPLES, contd.

AVERAGE VEIN ASSAY (004, 005, 007) - 0.2 m (0.66 foot) average width

1.00% Cu

0.4 oz/ton Ag

0.2 g/tonne Au

1.0% Mo

GN-86-008 - Strong quartz vein well mineralized with molybdenite occurring erratically disseminated and along fractures. Width 0.1 m (.33 foot). Strike 85°; dip 90°.

Assays: 2.6% Cu

0.77 oz/ton Ag

0.04 g/tonne Au

3.5% Mo

GN-86-009 - Same quartz vein as 008 about 4.0 metres (13.2 feet) along strike. Square test pit has been dug here. Vein well mineralized with molybdenite, malachite on north side of vein. Width 0.1 m (0.33 foot).

Assays: 0.417% Cu

0.11 oz/ton Ag

0.01 g/tonne Au

1.425% Mo

GN-86-010 - South wall of test pit adjacent to vein. Sample consists of slightly iron stained Bethlehem quartz diorite. Width 1.0 m (3.3 feet).

Assays: 0.372% Cu

0.03 oz/ton Ag

0.01 g/tonne Au

0.03% Mo

ROCK SAMPLES, contd.

GN-86-011 - Extension of vein structure to the west. Vein intersects a northeast trending shear system which disrupts the vein into a series of disrupted quartz stringers. Visible malachite, very minor Mo. Width 0.2 m (0.66 foot).

Assays: 0.88% Cu
 0.17 oz/ton Ag
 0.02 g/tonne Au
 0.014% Mo

GN-86-012 - Sample from shallow hand trench half-way between vein systems 001 to 003 and 008 to 011. Sample consists of jarositic Bethlehem quartz diorite mineralized with disseminated molybdenite. Width 1.2 m (3.96 feet).

Assays: 0.07% Cu
 0.01 oz/ton Ag
 0.01 g/tonne Au
 0.078% Mo

GN-86-013 - Sample from trench on north side of access road about 240 m (800 feet) northeast of Gnawed Mountain peak. Trench exposes a strong E/W trending quartz stockwork developed against the north side of a tongue of Breccia. Sample consists of well fractured, jarositic Bethlehem quartz diorite. Width 1.0 m (3.3 feet).

Assays: 0.215% Cu
 0.05 oz/ton Ag
 0.01 g/tonne Au
 0.002% Mo

ROCK SAMPLES, contd.

GN-86-014 - Adjacent to sample 013, continuation of hand trench.

Sample consists of high grade chrysocolla and quartz, bluish green in colour. Width 0.3 m (1.1 feet).

Assays: 15.75% Cu
 2.33 oz/ton Ag
 0.2 g/tonne Au
 0.003% MoS₂

GN-86-015 - Adjacent to sample 014, continuation of hand trench.

Sample consists of jarositic quartz veins, and well fractured quartz diorite. Width 0.2 m (0.66 foot).

Assays: 0.072% Cu
 0.01 oz/ton Ag
 0.02 g/tonne Au
 0.004% MoS₂

GN-86-016 - Sample from strong quartz stockwork developed on west side of Gnawed Mountain breccia area of old working.

Sample is from a stockwork zone mineralized with malachite located against cliff face. Width 1.2 m (3.9 feet).

Assays: 0.56% Cu
 0.06 oz/ton Ag
 0.01 g/tonne Au
 0.003% MoS₂

GN-86-017 - Sample from quartz stockwork developed against southwest side of Gnawed Mountain breccia, part of the Ann Zone.

Stockwork strikes 45°; dips 80°NW. Sample consists of quartz diorite mineralized with malachite along fractures and quartz stringers. Width 2.0 m (6.6 feet).

Assays: 0.73% Cu
 0.12 oz/ton Ag
 0.01 g/tonne Au
 0.002% MoS₂

ROCK SAMPLES, contd.

GN-86-018 - Sample from quartz stockwork developed against southwest of Gnawed Mountain breccia about 65 m (200 feet) north of sample GN-86-017. Sample consists of quartz stringers and quartz diorite mineralized with malachite. Width 2.0 m (6.6 feet).

Assays: 3.74% Cu
 0.42 oz/ton Ag
 0.04 g/tonne Au
 0.002% MoS₂

SOIL SAMPLES

GN-86-019S - Soil sample "B" horizon, 0.8 m depth, light brown, located 75 m (250 feet) south of DON A-11.

ICP Values: 130 ppm Cu
 1.0 ppm Mo
 15 ppm Pb
 31 ppm Zn
 0.7 ppm Ag

GN-86-020S - Soil sample "B" horizon, 0.5 m depth, light brown (beige), located 30 m (100 feet) north of DON A-11.

ICP Values: 268 ppm Cu
 1.0 ppm Mo
 11 ppm Pb
 19 ppm Zn
 0.8 ppm Ag

SOIL SAMPLES, contd.

GN-86-021S - Soil sample "B" horizon, 0.4 m depth, beige-brown,
sample located just above road forks.

ICP Values: 327 ppm Cu
 1.0 ppm Mo
 11 ppm Pb
 23 ppm Zn
 0.1 ppm Ag

GN-86-022S - Soil sample "B" horizon, 0.3 m depth, located due west
of rock sample GN-86-016, beige-brown.

ICP Values: 123 ppm Cu
 3.0 ppm Mo
 13 ppm Pb
 14 ppm Zn
 0.1 ppm Ag

GN-86-023S - Soil sample "B" horizon, brown colour, 0.4 m depth,
just west of Ann claim line.

ICP Values: 213 ppm Cu
 6.0 ppm Mo
 15 ppm Pb
 32 ppm Zn
 0.4 ppm Ag

GN-86-024S - Soil sample "B" horizon, light brown, 0.4 m depth.

ICP Values: 82 ppm Cu
 1.0 ppm Mo
 13 ppm Pb
 15 ppm Zn
 0.6 ppm Ag

SOIL SAMPLES, contd.

GN-86-025S - Soil sample "B" horizon, orange brown, 0.3 m depth.

ICP Values: 130 ppm Cu
 3.0 ppm Mo
 21 ppm Pb
 32 ppm Zn
 1.0 ppm Ag

GN-86-026S - Soil sample "B" horizon, orange brown, 0.5 m depth.

ICP Values: 94 ppm Cu
 2.0 ppm Mo
 14 ppm Pb
 15 ppm Zn
 0.1 ppm Ag

GN-86-027S - Soil sample "B" horizon, orange-brown, just east of rock
sample GN-86-014.

ICP Values: 203 ppm Cu
 4.0 ppm Mo
 15 ppm Pb
 34 ppm Zn
 0.1 ppm Ag

GN-86-028S - Soil sample "B" horizon, orange-brown.

ICP Values: 366 ppm Cu
 23.0 ppm Mo
 13 ppm Pb
 29 ppm Zn
 0.1 ppm Ag

DISCUSSION OF RESULTS

ANN ZONE

The Ann Zone contains copper grades reportedly greater than those exploited by Highmont in their nearby mining operation. The Ann Zone contains at least 45,000,000 tons of 0.26% Cu, 0.005% MoS₂ to a depth of only 125 m (400 feet). This mineral reserve could be combined with reserves on the AM and IDE claims to form a mineral inventory totalling 81,000,000 tons of 0.23% Cu, 0.01 MoS₂. Additional reserves on the AM 14 and adjacent ground could be exploited from a common pit which, realistically combining all mineralization, could easily exceed 100,000,000 tons to a 125 m (400-foot) pit depth.

NEW DISCOVERY ZONE

The New Discovery Zone situated on the east side of the property appears to possess the potential for additional open-pit material containing similar copper grades to the Ann deposits along the west side of the Gnawed Mountain, but possesses the potential for greater concentrations of molybdenite and silver.

CONCLUSIONS

At least 100,000,000 tons of copper mineralization with credits in molybdenum and silver appear to exist along the west side of Gnawed Mountain. If copper and molybdenum prices improve, these reserves could possibly be exploited utilizing the nearby mill facilities at the Highmont operation.

An additional potential exists within the New Discovery Zone of reserves of copper molybdenum and silver, possibly of far greater grade than the deposits on the west side of Gnawed Mountain.

CONCLUSIONS

At least 100,000,000 tons of copper ore with credits in molybdenum are present along the west side of Gnawed Mountain. If copper prices improve, these reserves could possibly be exploited utilizing the nearby mill facilities at the Highmont operation.

A definite potential exists within the New Discovery Zone to prove up reserves of copper molybdenum, silver and gold possibly of far greater grade than the deposits on the west side of Gnawed Mountain and those exploited during the Highmont Mining Venture.

RECOMMENDATIONS

A preliminary study should be carried out to determine the economics of placing the reserves on the west side of Gnawed Mountain into production utilizing the existing Highmong facilities.

Further work consisting of geochemical and geophysical surveys should be carried out on the New Discovery Zone. If warranted, Reverse Circulation drilling should be carried out to determine the mineral inventory present in this zone.

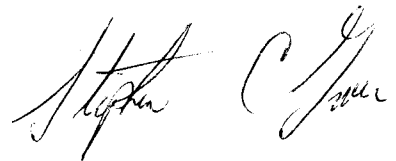
A handwritten signature in cursive script, appearing to read "A. C. Jones", is located on the right side of the page.

CERTIFICATE

I, STEPHEN C. GOWER, of 985 Gatsbury Street, Coquitlam, B. C., do hereby certify that:

1. I have been practicing as a geologist for a period of approximately 17 years for mining exploration and consulting companies.
2. I obtained a B.Sc. in geology from U.B.C. in 1970 and have completed Masters courses at U.B.C. in property evaluation and exploration.
3. I am a fellow in the Geological Association of Canada.
4. The exploration work in this report was carried out by S. C. Gower and E. M. Thompson during the period April 24 to July 4, 1986. The report was written during the period July 16 to July 22, 1986.
5. I have no interest either directly or indirectly in the properties held by Robak Industries.
6. I consent to the use of this report in or in connection with a prospectus relating to the raising of funds.

Stephen C. Gower

A handwritten signature in cursive script, appearing to read 'Stephen C. Gower', written in dark ink.

REFERENCES

- DIROM, Gavin A.; Summary Report on Diamond Drilling Program 1969 on Gnawed Mountain Property (Ann Group) of Trojan Consolidated Mines.
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APPENDIX A

CERTIFICATE OF ASSAY

I.C.P. REPORT

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604)980-5814 OR (604)980-4524

TELEX: 04-352828

Certificate of ASSAY

Company: GOWER THOMPSON & ASSOC.
 Project:
 Attention: S. GOWER

File: 6-443
 Date: JULY 10/86
 Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

| Sample Number | CU % | AG G/TONNE | AG OZ/TON | AU G/TONNE | AU OZ/TON | MO % |
|---------------|--------|------------|-----------|------------|-----------|-------|
| GN-86-001 | 1.160 | 8.5 | 0.25 | .04 | 0.001 | .153 |
| GN-86-002 | .690 | 6.2 | 0.18 | .01 | 0.001 | .070 |
| GN-86-003 | .675 | 5.4 | 0.16 | .03 | 0.001 | .044 |
| GN-86-004 | 1.920 | 16.4 | 0.48 | .06 | 0.002 | .480 |
| GN-86-005 | .115 | 4.0 | 0.12 | .05 | 0.001 | .980 |
| GN-86-006 | .420 | 2.0 | 0.06 | .02 | 0.001 | .007 |
| GN-86-007 | .850 | 18.0 | 0.53 | .19 | 0.006 | 1.520 |
| GN-86-008 | 2.600 | 26.5 | 0.77 | .04 | 0.001 | 3.500 |
| GN-86-009 | .417 | 3.9 | 0.11 | .01 | 0.001 | 1.425 |
| GN-86-010 | .372 | 1.0 | 0.03 | .01 | 0.001 | .030 |
| GN-86-011 | .880 | 5.8 | 0.17 | .02 | 0.001 | .014 |
| GN-86-012 | .070 | 0.2 | 0.01 | .01 | 0.001 | .078 |
| GN-86-013 | .215 | 1.6 | 0.05 | .01 | 0.001 | .002 |
| GN-86-014 | 15.750 | 80.0 | 2.33 | .20 | 0.006 | .003 |
| GN-86-015 | .072 | 0.5 | 0.01 | .02 | 0.001 | .004 |
| GN-86-016 | .560 | 2.2 | 0.06 | .01 | 0.001 | .003 |
| GN-86-017 | .730 | 4.0 | 0.12 | .01 | 0.001 | .002 |
| GN-86-018 | 3.740 | 14.5 | 0.42 | .04 | 0.001 | .002 |

Certified by

MIN-EN LABORATORIES LTD.

PROJECT NO: 1000

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 6-443

ATTENTION: S. BOWER

(604)980-5814 DR (604)988-4524

* TYPE SOIL GEOCHEM * DATE: JULY 14, 1986

| (VALUES IN PPM) | AG | AL | AS | B | BA | BE | BI | CA | CD | CO | CU | FE |
|-----------------|-----|-------|----|----|-----|-----|----|------|-----|----|-----|-------|
| GN-86-019S | .7 | 19880 | 1 | 15 | 120 | 2.3 | 7 | 5060 | 2.0 | 5 | 130 | 85240 |
| GN-86-020S | .8 | 19650 | 1 | 9 | 113 | 2.1 | 6 | 4220 | 1.9 | 4 | 268 | 72220 |
| GN-86-021S | .1 | 15950 | 1 | 7 | 105 | 2.3 | 6 | 4860 | 2.0 | 4 | 327 | 69130 |
| GN-86-022S | .1 | 9610 | 1 | 1 | 61 | 1.9 | 4 | 3240 | 1.5 | 3 | 123 | 44950 |
| GN-86-023S | .4 | 20940 | 1 | 15 | 152 | 2.1 | 6 | 4320 | 2.0 | 4 | 213 | 63570 |
| GN-86-024S | .6 | 14210 | 12 | 8 | 116 | 2.0 | 7 | 3960 | 1.6 | 4 | 82 | 64580 |
| GN-86-025S | 1.0 | 23190 | 1 | 20 | 174 | 1.8 | 13 | 4410 | 1.9 | 10 | 130 | 68960 |
| GN-86-026S | .1 | 19570 | 1 | 5 | 89 | 1.6 | 5 | 1880 | 1.9 | 3 | 94 | 50650 |
| GN-86-027S | .1 | 26230 | 1 | 25 | 124 | 2.9 | 7 | 2910 | 1.8 | 4 | 203 | 75970 |
| GN-86-028S | .1 | 26660 | 1 | 19 | 113 | 1.9 | 6 | 2120 | 1.3 | 3 | 366 | 66910 |

COMPANY: GOWER THOMPSON ASSOC.

MIN-EN LABS ICP REPORT

TABLE 2 OF 3

PROJECT NO:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 6-443

ATTENTION: S. GOWER

(604)980-5814 DR (604)988-4524

* TYPE SOIL GEOCHEM *

DATE: JULY 14, 1986

| (VALUES IN PPM) | K | LI | MG | MN | MO | NA | NI | P | PB | SB | SR | TH |
|-----------------|-----|----|------|-----|----|-----|----|-----|----|----|----|----|
| GN-86-019S | 540 | 5 | 3900 | 236 | 1 | 170 | 15 | 410 | 15 | 6 | 48 | 1 |
| GN-86-020S | 450 | 4 | 3630 | 159 | 1 | 130 | 17 | 320 | 11 | 5 | 40 | 1 |
| GN-86-021S | 670 | 2 | 3760 | 230 | 1 | 190 | 13 | 550 | 11 | 5 | 44 | 1 |
| GN-86-022S | 310 | 1 | 2350 | 146 | 3 | 110 | 8 | 380 | 13 | 3 | 30 | 1 |
| GN-86-023S | 620 | 7 | 3700 | 276 | 6 | 150 | 16 | 400 | 15 | 6 | 51 | 1 |
| GN-86-024S | 370 | 2 | 3050 | 155 | 1 | 130 | 12 | 400 | 13 | 6 | 39 | 1 |
| GN-86-025S | 460 | 6 | 3820 | 160 | 3 | 140 | 18 | 460 | 21 | 17 | 27 | 1 |
| GN-86-026S | 250 | 3 | 2210 | 84 | 2 | 100 | 11 | 280 | 14 | 5 | 28 | 1 |
| GN-86-027S | 490 | 7 | 3640 | 165 | 4 | 140 | 19 | 530 | 15 | 8 | 37 | 1 |
| GN-86-028S | 430 | 8 | 3030 | 116 | 23 | 170 | 12 | 430 | 13 | 6 | 34 | 1 |

COMPANY: GOWER THOMPSON ASSOC.

MIN-EN LABS ICP REPORT

(ACT:6E027) PAGE 3 OF 3

PROJECT NO:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

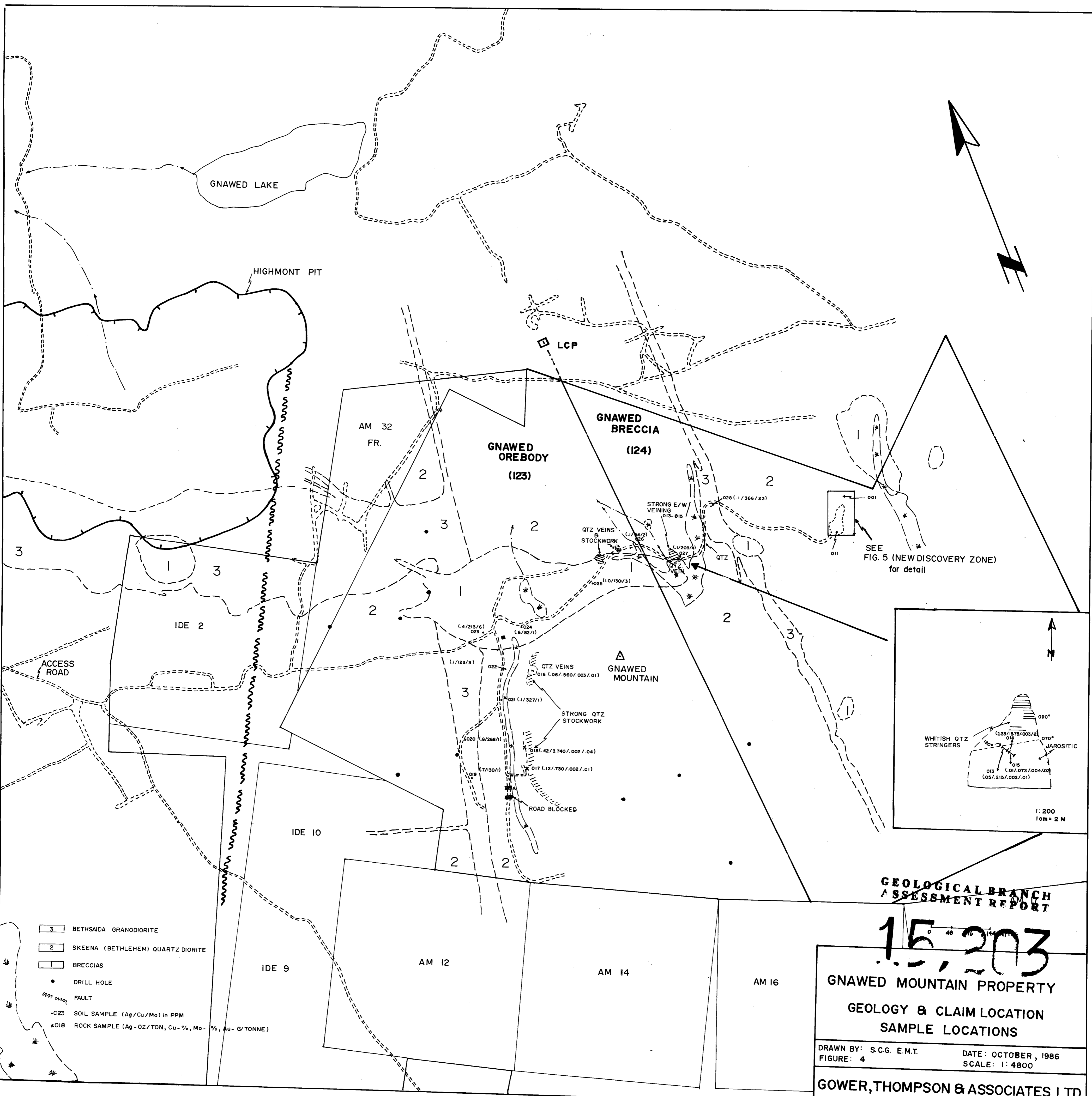
FILE NO: 6-443

ATTENTION: S. GOWER

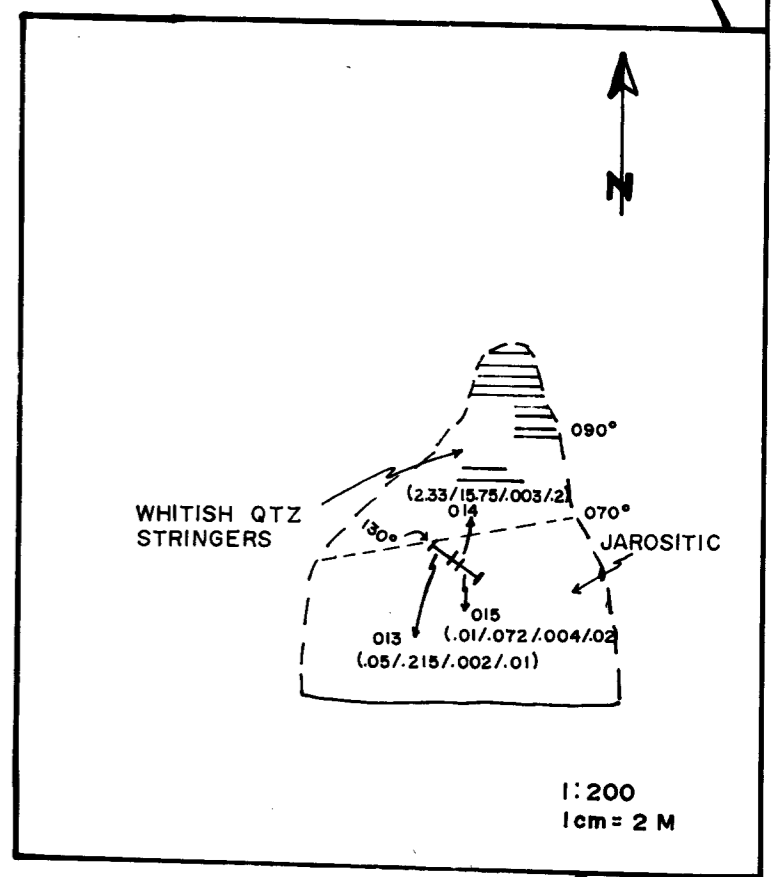
(604)980-5814 OR (604)988-4524

* TYPE SOIL-GEOCHEM * DATE: JULY 14, 1986

| (VALUES IN PPM) | U | V | ZN |
|-----------------|---|------|----|
| GN-86-019S | 1 | 68.1 | 31 |
| GN-86-020S | 1 | 57.9 | 19 |
| GN-86-021S | 1 | 58.9 | 23 |
| GN-86-022S | 1 | 48.5 | 14 |
| GN-86-023S | 1 | 51.5 | 32 |
| GN-86-024S | 1 | 57.7 | 15 |
| GN-86-025S | 1 | 60.6 | 32 |
| GN-86-026S | 1 | 37.6 | 15 |
| GN-86-027S | 1 | 64.3 | 34 |
| GN-86-028S | 1 | 43.0 | 29 |



- 3 BETHSAIDA GRANODIORITE
- 2 SKEENA (BETHLEHEM) QUARTZ DIORITE
- 1 BRECCIAS
- DRILL HOLE
- FAULT
- 023 SOIL SAMPLE (Ag/Cu/Mo) in PPM
- x018 ROCK SAMPLE (Ag - OZ/TON, Cu - %, Mo - %, Au - G/TONNE)



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,203

**GNAWED MOUNTAIN PROPERTY
GEOLOGY & CLAIM LOCATION
SAMPLE LOCATIONS**

DRAWN BY: S.C.G. E.M.T. DATE: OCTOBER, 1986
FIGURE: 4 SCALE: 1:4800

GOWER, THOMPSON & ASSOCIATES LTD.



GN-86-003
(.675/.16/.03/.044)

GN-86-001
(1.160/.25/.04/.153)

GN-86-002
(.690/.18/.01/.070)

DISRUPTED QTZ VEINLETS

STRONG FRACTURE ZONE
085°/090°

007
(.850/.53/.19/1.520)

MALACHITE & CLAY

006
(.420/.06/.02/.007)

005
(.115/.12/.05/.980)

004
(1.920/.48/.06/.480)

STRONG QTZ VEIN 105°/090°

012
(.070/.01/.01/.078)

QTZ STRINGERS

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,203

004 (1.920 / .48 / .06 / .480)
SAMPLE # Cu-% Ag-OZ/TON Au-OZ/TONNE Mo-%

BULL DOZER TRENCH

WELL FRACTURED
DIORITE

MICRO VEINLETS

0 2 4 6 METRES

TEST PIT

009
(.417/.11/.01/1.425)

008
(2.600/.77/.04/3.500)

010
(.372/.03/.01/.030)

100°/090°

STRONG QTZ VEIN

QTZ STRINGERS

QTZ VEINS

011
(.880/.17/.02/.014)

**GNAWED MOUNTAIN PROPERTY
NEW DISCOVERY ZONE
SAMPLE LOCATIONS, GEOLOGY
& ASSAY PLAN**

DRAWN BY: SCG EMT DATE: OCTOBER, 1986
FIG. 5 SCALE: 1:200

GOWER, THOMPSON & ASSOCIATES LTD.