

RECONNAISSANCE GEOLOGY
and
SILT AND ROCK GEOCHEMISTRY
on the
CHATAWAY I-A MINERAL CLAIM

GYPSUM LAKE AREA, B.C.
NICOLA MINING DIVISION, B.C.

LONGITUDE 120°~~52'~~W 51.5'
LATITUDE 50°~~20'~~N 20.2'
MAP - M92 I/7W

FILMED

Prepared for

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by

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GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,978

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SUMMARY

The Chataway I-A property is located approximately 24 kilometres north of Merritt, B. C., on the west side of the Guichon Creek Valley, 120°52'W, 50°20'N. The property consists of one four-post metric claim totalling two units.

Access to the property is via Highway #5 from Merritt, then 6 km north to Craigmont Mine. Opposite the mine, a dirt road forks to the right which, after a distance of 13 kilometres, crosses Broom Creek, and continues northwest to Gypsum Lake. The legal corner post for the claim is situated about 800 metres southeast of the south end of Gypsum Lake. The property is in the preliminary stages of exploration. There are therefore no underground workings, buildings or equipment on the property.

The general area is underlain by the southeast margin of the Guichon Batholith, consisting mainly of granodiorite and diorite intrusives of Triassic to Jurassic age.

The claims are underlain by quartz diorite apparently equivalent to the Witches Brook variety. Copper mineralization is present, hosted in a strong, generally north-trending shear zone.

The present program was designed to assess the potential of the property to host economic concentrations of gold and silver.

Two high-grade gold assays were discovered related to near massive sulphides. The property appears to possess the potential for significant gold and silver mineralization within or related to the major north trending shear zone.

A Stage I program of soil and silt sampling, trenching and mapping and sampling of outcroppings to a value of \$39,070.00 is recommended. Contingent upon successful results of Stage I, Stage II, a diamond drilling program costing \$75,000.00, is recommended.

A handwritten signature in cursive script, appearing to read "A. C. Jones".

STATEMENT OF COSTS - 1986 PROGRAM

Field Personnel (S.C. Gower) - April 25, June 13-18, 20	
- 7-1/2 days @ \$240/day	\$ 1,800.00
(E.M. Thompson) - April 25, June 13-18, 20	
- 7-1/2 days @ \$120/day	900.00
Food and Accommodations	662.50
Vehicle Rental	352.12
Equipment and Supplies	27.26
Laboratory Analyses	921.25
Report Preparation	<u>760.00</u>
	TOTAL: \$ 5,423.13

=====



RECOMMENDED PROGRAM

STAGE I

Grid - 25-metre centres	\$ 2,500
Soil & silt geochemistry - 800 samples @ \$7.40 each	5,920
Trenching	10,000
Mapping & sampling	6,000
Food & accommodation	4,000
Vehicle rental	1,500
Gasoline	300
Assays - 450 @ \$19.00 each	<u>8,850</u>
TOTAL STAGE I	\$ 39,070 =====

STAGE II (contingent upon successful results of Stage I)

1,500 feet of diamond drilling @ \$50/foot	
TOTAL STAGE II	\$ 75,000 =====

S. C. Jones

INTRODUCTION

TERMS OF REFERENCE

Gower, Thompson & Associates Ltd. was contracted by John Lepinski to conduct a geological-geochemical survey to assess the mineral potential of the Chataway I-A Claim to host gold and silver mineralization.

The field work was carried out by S. C. Gower and assisted by E. M. Thompson during the period April 25 to June 17, 1986.

LOCATION AND ACCESS

The legal corner post of the Chataway I-A claim is located approximately 800 metres southeast of Gypsum Lake and about 24 kilometres north of Merritt, B. C., Latitude 50°20'N, Longitude 120°52'W, NTS M92 I/7W. The claim ranges in elevation from 1,364 metres (4,500 feet) to 1,440 metres (4,750 feet). Topography ranges from moderate to locally very steep on the valley flanks.

The claim area is accessible by four-wheel drive truck from Lower Nicola. Foot access across the property is generally easy.

CLAIMS

The Chataway I-A mineral claim consists of two units. The record number is 261, the anniversary date is June 17. The legal corner post was examined and found to be as reported on the affidavit. The legality of the claim is the responsibility of the owner.

CLAIM NAME CHATAWAY I-A

MAP NO. 92I/7W MINING DIVISION NICOLA

TAG NO. 02025

AIR PHOTOGRAPH NO(S). (if used) _____

Please provide a detailed sketch of the immediate area where the Legal Corner Post was placed naming all topographic features, roads, camps, and marks.

PLEASE NOTE: It is suggested that a sketch be completed at the time of staking.

SCALE: 1" = 1000'



I.P. STATION = LEGAL CORNER POST
N 496 E 500

1E IP STN
N 496 E 516

I.P. STN.
N 496 E 500

I.P. STN.
N 464 E 500

I.P. STATION N 464 E 516

Would the Legal Corner Post be visible from the air? YES NO

Describe the route and means of access to the mineral claim by completing the following questionnaire.

	Name of carrier	Point of departure	Approximate distance and bearing to point of landing from point of departure
Helicopter			
Fixed Wing - Wheel			
Fixed Wing - Float			

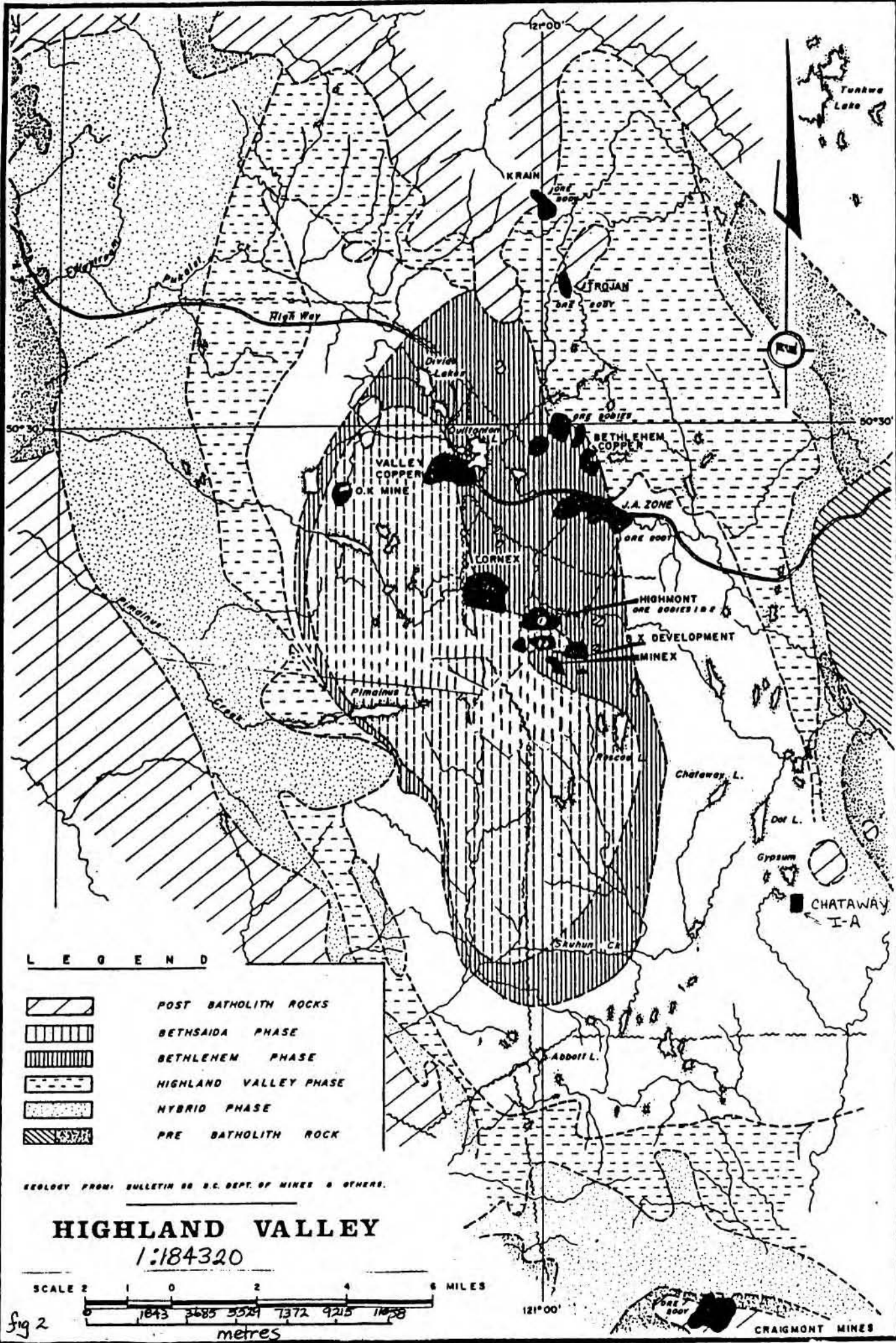
AND/OR Describe the route taken and distance to the mineral claim from point of landing or commonly known point using one or more of the following:

By 4-Wheel Drive Boat On Foot Other CHATAWAY I-A IS THE RELOCATION

OF ABANDONED CLAIM CHATAWAY I TAG # 03392. THE LEGAL CORNER POST IS 25 FEET N 45° W OF I.P. STATION N 496 E 500 WHICH IS APPROXIMATELY 400 FEET WEST OF THE MAIN MERRILL/CHATAWAY LAKE ROAD.

GEOLOGY

The property is underlain by Guichon batholith intrusives, Triassic to Jurassic in age. The batholith is divisible into phases of related intrusions with the youngest phases forming the core rocks. The majority of the southeast quadrant of the batholith is underlain by Chataway variety granodiorite. Along the eastern margin of the Chataway granodiorite, there is a complex intrusion consisting of a band of irregular masses and dyke-like bodies 3 km by 20 km. Copper mineralization was emplaced associated with this intrusion as a result of enriched magmas injecting into older rocks. The primary ore control localizing mineralization is fracturing in the host rock.



LEGEND

-  POST BATHOLITH ROCKS
-  BETHSAIDA PHASE
-  BETHLEHEM PHASE
-  HIGHLAND VALLEY PHASE
-  HYBRID PHASE
-  PRE BATHOLITH ROCK

GEOLOGY FROM: BULLETIN 88 U.S. DEPT. OF MINES & OTHERS.

HIGHLAND VALLEY
1:184320

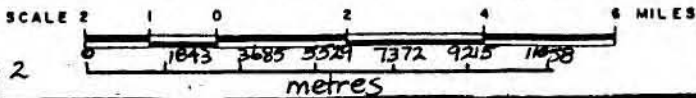


Fig 2

121°00'

CRAIGMONT MINES

STRUCTURE

In the text accompanying McMillan's Preliminary Map of the Highland Valley, he postulates that the batholith is divided into segments by faults striking northerly and northwest to westerly, and that these fault structures were related to mineral deposition. A strong, east-west fault, the Skuhun Creek fault, is mapped as extending easterly from the southwest batholith margin as far as Chataway Creek.

In addition to these strong faults, McMillan notes that parallel large scale tensional features are closely associated with mineralization.

PRIOR EXPLORATION

In 1965, the claim area was optioned by Bralorne Pioneer Mines Ltd. to explore a showing known as "Zone A". This showing is hosted in quartz-monzonite and extends southerly for 600 metres (2,000 feet) from a point 920 metres southeast of Gypsum Lake. Trenching and drilling discovered a high-grade copper deposit developed in a strong north-south trending shear zone dipping 65° westerly. This showing was explored by bulldozer trenching, 20 percussion drill holes and 10 diamond drill holes. Estimates of the mineral reserves to a 250-foot depth range from 350,000 tons grading 2.5% copper to 1,250,000 tons grading 0.866% copper.

In 1972, an I.P. survey was carried out by McPhar Geophysics with 300-foot spacings utilizing an alternating current system. A moderate amplitude I.P. anomaly was located which correlated with the location of Zone 4. The geophysics indicated that Zone 4 is actually a double zone divided into 4A and 4B, striking north-south, 4A being located about 200 metres (660 feet) west of 4B. The zones merge for a short distance in the general vicinity of the southern end of Zone 4A.

A strong copper in soil anomaly and a magnetic low are spacially related to Zone 4.

MINERAL POTENTIAL

The Zone 4A mineral deposit is hosted in a strong north-south trending clay-shear fault system which is located in the centre of the property. The zone was discovered in 1965 during road construction. Chalcopyrite, bornite, chalcocite, native copper and secondary copper minerals occur in a zone ranging from 1.0 to 10.0 metres thick which strikes N10°W and generally dips 65°SW. Strike length is greater than 1,000 metres, but drill results indicate significant mineralization occurs only over 540 metres (1,800 feet). High-grade mineralization occurs in clay gouge and quartz-filled tension fractures within the shear. Lower grade disseminated mineralization consisting of chalcopyrite and pyrite occur on the footwall side. The hanging wall is generally barren. The zone is cut off to the north by the Gypsum Lake fault which itself is mineralized in the vicinity of the junction.

Based on a total of 9 diamond drill holes aggregating 540 metres (1,812 feet) and 20 percussion drill holes aggregating 1,348 metres (4,448 feet), a mineralized structure of at least 545 metres (1,800 feet) and 2.3 metres (7.9 feet) was indicated. Average grade over the width was 1.26% copper. This structure consists of three blocks as follows:

<u>Block No.</u>	<u>Length</u>	<u>Width</u>	<u>Grade % Cu</u>
4A	66.6 m (220 ft)	2.20 m (7.3 ft)	1.85
4B	290.0 m (960 ft)	1.90 m (6.4 ft)	0.56
4C	185.0 m (610 ft)	2.96 m (9.8 ft)	1.75

GEOCHEMISTRY

Deep soil samples were procured using a long handle shovel to test well into the "B" horizon. The location of road and samples was established by chain and compass. Outcrops and trenches were also plotted on the maps. Threshold values for copper, silver and gold were determined to be 150 ppm, 1.9 ppm and 15 ppb, respectively.

The samples were analyzed or assayed at Min-En Labs in Vancouver, using established techniques. Sample results are included in Appendix A.

1986 PROGRAM

The 1986 program concentrated on mapping and sampling the mineralized outcropping on the property and procuring geochemical samples to test for gold and silver mineralization under drift cover. Soil and silt samples were also analyzed for copper to search for additional mineralization not discovered by previous surveys.

SAMPLE NOTES AND ASSAYS

Soil samples: CH-86-001 to CH-86-007, CH-86-009 to CH-86-052,
CH-86-054 to CH-86-057.

Silt samples: CH-86-008, CH-86-053.

Rock samples: CH-86-058, CH-86-101R to CH-86-117R.

SOIL SAMPLES

CH-86-001 - Soil, "B", main road, north side, light brown, 0.8 metre
depth.

230 ppm Cu

0.0 ppm Ag

5 ppb Au

CH-86-002 - Soil, "B", east road, light brown-orange, 0.2 metre depth.

103 ppm Cu

0.8 ppm Ag

5 ppb Au

CH-86-003 - Soil, "B", brown, 0.5 metre depth.

100 ppm Cu

0.9 ppm Ag

10 ppb Au

CH-86-004 - Soil "B", orange-brown, 0.3 metre depth.

144 ppm Cu

1.0 ppm Ag

5 ppb Au

CH-86-005 - Soil "B", orange-brown, 0.3 metre depth.

56 ppm Cu

1.0 ppm Ag

5 ppb Au

SOIL SAMPLES, contd.

CH-86-006 - Soil, "B", orange-brown, 1.0 metre depth.
295 ppm Cu
0.9 ppm Ag
10 ppb Au

CH-86-007 - Soil, "B", sandy gravel, 0.5 metre depth.
83 ppm Cu
0.7 ppm Ag
5 ppb Au

CH-86-009 - Soil, "B", orange-brown, 0.5 metre depth.
114 ppm Cu
0.6 ppm Ag
15 ppb Au

CH-86-010 - Soil "B", orange-brown, fragments of mafic dyke,
0.6 metre depth. 840 ppm Cu
1.0 ppm Ag
25 ppb Au

CH-86-011 - Soil "B", pale orange, 0.2 metre depth.
78 ppm Cu
0.7 ppm Ag
5 ppb Au

CH-86-012 - Soil "B", pale orange, sandy, 0.4 metre depth.
69 ppm Cu
0.8 ppm Ag
5 ppb Au

CH-86-013 - Soil, "B", over zone, orange-pink, 0.5 metre depth.
790 ppm Cu
0.9 ppm Ag
10 ppb Au

SOIL SAMPLES, contd.

CH-86-014 - Soil, "B", orange-brown, 0.3 metre depth.

81 ppm Cu

0.7 ppm Ag

5 ppb Au

CH-86-015 - Soil, "B", brown, fragments of mafic dyke, 0.5 metre depth.

102 ppm Cu

0.6 ppm Ag

5 ppb Au

CH-86-016 - Soil, "B", light brown-orange, 0.5 metre depth.

185 ppm Cu

0.7 ppm Ag

5 ppb Au

CH-86-017 - Soil, "B", light brown-orange, 0.4 metre depth.

113 ppm Cu

0.8 ppm Ag

5 ppb Au

CH-86-018 - Soil, "B", light orange-brown, 0.4 metre depth.

101 ppm Cu

0.8 ppm Ag

5 ppb Au

CH-86-019 - Soil, "B", light brown, mafic dyke fragments, 0.5 metre depth.

830 ppm Cu

1.0 ppm Ag

10 ppb Au

(Possibly indicates secondary zone or cross structure.)

CH-86-020 - Soil, "B", pale orange-brown, 0.3 metre depth.

140 ppm Cu

0.8 ppm Ag

5 ppb Au

SOIL SAMPLES, contd.

CH-86-021 - Soil, "B", whitish brown-orange, 0.4 metre depth
106 ppm Cu
0.5 ppm Ag
10 ppb Au

CH-86-022 - Soil, "B", light orange-brown, 1.0 metre depth.
172 ppm Cu
0.8 ppm Ag
5 ppb Au

CH-86-023 - Soil, "B", orange-brown, sandy, 0.6 metre depth.
70 ppm Cu
0.7 ppm Ag
5 ppb Au

CH-86-024 - Soil, "B", southernmost sample, orange-brown-black,
1.0 metre depth. 210 ppm Cu
0.9 ppm Ag
5 ppb Au

CH-86-025 - Soil, "B", whitish brown, 0.5 metre depth, west of zone,
middle of claim. 66 ppm Cu
0.8 ppm Ag
10 ppb Au

CH-86-026 - Soil, "B", whitish brown, 1.2 metres depth.
137 ppm Cu
0.9 ppm Ag
5 ppb Au

CH-86-027 - Soil, "B", drill station, light brown-orange, gravel,
0.8 metre depth. 92 ppm Cu
0.7 ppm Ag
5 ppb Au

SOIL SAMPLES, contd.

CH-86-028 - Soil, "B", light brown, 0.4 metre depth
69 ppm Cu
1.0 ppm Ag
5 ppb Au

CH-86-029 - Soil, "B", drill station, light orange-brown, sandy,
0.5 metre depth. 80 ppm Cu
0.6 ppm Ag
5 ppb Au

CH-86-030 - Soil, "B", light brown-orange, 0.4 metre depth.
104 ppm Cu
0.7 ppm Ag
5 ppb Au

CH-86-031 - Soil, "B", orange-brown, 1.0 metre depth.
225 ppm Cu
1.0 ppm Ag
5 ppb Au

CH-86-032 - Soil, "B", drill station, orange-brown, 0.5 metre depth.
182 ppm Cu
0.8 ppm Ag
5 ppb Au

CH-86-033 - Soil, "B", whitish brown, 0.4 metre depth
180 ppm Cu
0.9 ppm Ag
5 ppb Au

CH-86-034 - Soil, "B", light brown, 1.2 metres depth.
68 ppm Cu
0.8 ppm Ag
10 ppb Au

SOIL SAMPLES, contd.

CH-86-035 - Soil, just south of discovery zone "B", 0.6 metre depth.

300 ppm Cu

0.7 ppm Ag

5 ppb Au

CH-86-036 - Soil, "B", light brown, 0.6 metre depth.

176 ppm Cu

1.1 ppm Ag

5 ppb Au

CH-86-037 - Soil, "B", light orange-brown, 0.3 metre depth.

110 ppm Cu

0.7 ppm Ag

5 ppb Au

CH-86-038 - Soil, "B", light orange-brown, 0.1 metre depth.

87 ppm Cu

1.0 ppm Ag

10 ppb Au

CH-86-039 - Soil, "B", light orange, 0.2 metre depth.

270 ppm Cu

0.8 ppm Ag

5 ppb Au

CH-86-040 - Soil, "B", light orange-brown, 0.1 metre depth.

94 ppm Cu

1.1 ppm Ag

5 ppb Au

CH-86-041 - Soil, "B", light brown-orange, 0.3 metre depth.

77 ppm Cu

0.9 ppm Ag

5 ppb Au

SOIL SAMPLES, contd.

CH-86-042 - Soil, "B", light orange-brown, 0.2 metre depth.

90 ppm Cu

0.8 ppm Ag

15 ppb Au

CH-86-043 - Soil, "B", orange-brown, 0.2 metre depth.

74 ppm Cu

0.6 ppm Ag

5 ppb Au

CH-86-044 - Soil, "B", pale whitish orange, 0.4 metre depth.

100 ppm Cu

0.7 ppm Ag

10 ppb Au

CH-86-045 - Soil, "B", fragments of granite with malachite,
0.2 metre depth. 1520 ppm Cu

1.3 ppm Ag

5 ppb Au

North trending mineral zone.

CH-86-046 - Soil, "B", white-orange-brown, 0.4 metre depth.

168 ppm Cu

0.9 ppm Ag

5 ppb Au

CH-86-047 - Soil, "B", brown, 0.4 metre depth.

170 ppm Cu

0.9 ppm Ag

5 ppb Au

CH-86-048 - Soil, "B", brown, 0.8 metre depth.

102 ppm Cu

1.0 ppm Ag

10 ppb Au

SOIL SAMPLES, contd.

CH-86-049 - Soil, "B", northwest corner of zones, 0.6 metre depth.

315 ppm Cu

1.2 ppm Ag

20 ppb Au

CH-86-050 - Soil, "B", light orange, 0.3 metre depth.

135 ppm Cu

0.8 ppm Ag

5 ppb Au

CH-86-051 - Soil, "B", whitish brown, 0.4 metres depth.

93 ppm Cu

0.7 ppm Ag

5 ppb Au

CH-86-052 - Soil, "B", orange-brown, 0.3 metre depth.

90 ppm Cu

1.0 ppm Ag

5 ppb Au

CH-86-054 - Soil, "B", pale orange-brown, 0.4 metre depth.

64 ppm Cu

0.8 ppm Ag

5 ppb Au

CH-86-055 - Soil, "B", whitish orange-brown, 0.5 metre depth.

122 ppm Cu

0.7 ppm Ag

10 ppb Au

CH-86-056 - Soil, "B", whitish orange-brown, 0.5 metre depth.

138 ppm Cu

0.9 ppm Ag

5 ppb Au

SOIL SAMPLES, contd.

CH-86-057 - Soil, "B", whitish orange-brown, 0.4 metre depth.

83 ppm Cu

0.6 ppm Ag

5 ppb Au

CH-86-059 - Soil, "B", east of zone at foot of trench, brown,
0.2 metre depth.

215 ppm Cu

1.1 ppm Ag

25 ppb Au

ROCK SAMPLES

CH-86-101R - Sample across 0.5 metre of clay shear, malachite
staining, trace of bornite, quartz fragments in clay,
NW trend.

Cu - 0.13%

Ag - 0.009 oz/ton

Au - 0.001 oz/ton

CH-86-102R - Sample across 0.2 metre containing narrow quartz
stringers cutting quartz diorite, malachite staining.

Cu - 0.118%

Ag - 0.05 oz/ton

Au - 0.004 oz/ton

CH-86-103R - Selected specimens of bornite and chalcopyrite in quartz
dug out of clay shear zone. No width.

Cu - 8.25%

Ag - 4.375 oz/ton

Su - 0.143 oz/ton

ROCK SAMPLES, contd.

- CH-86-104R - Sample across 1.4 metres of quartz gypsum stockwork hosted in mafic dyke.
- Cu - 0.034%
Ag - 0.015 oz/ton
Au - 0.001 oz/ton
- CH-86-105R - Sample across 2.0 metres of sericite clay shear and jarosite shear. Visible malachite and chrysocolla.
- Cu - 0.87%
Ag - 0.08 oz/ton
Au - 0.005 oz/ton
- CH-86-106R - Sample across next 2.0 metres east of previous zone consisting of clay, jarosite, malachite and sheared rock.
- Cu - 3.06%
Ag - 0.93 oz/ton
Au - 0.006 oz/ton
- CH-86-107R - Sample across southern exposure of shear zone over 2.5 metres. Quartz stockwork developed, minor chalcopyrite.
- Cu - 0.26%
Ag - 0.018 oz/ton
Au - 0.001 oz/ton
- CH-86-108R - Sample across shear zone over 1.5 metres, minor chalcopyrite, clay, sericite, brecciated, mafic dyke.
- Cu - 0.98%
Ag - 0.07 oz/ton
Au - 0.022 oz/ton
- CH-86-109R - Sample across east wall of previous sample over 3.0 metres. Clay gouge, silicious stockwork, minor chalcopyrite.
- Cu - 0.075%
Ag - 0.018 oz/ton
Au - 0.001 oz/ton

ROCK SAMPLES, contd.

- CH-86-110R - Sample across 4.0 metres of shear zone. Jarosite,
clays, quartz fragments, malachite.
Cu - 0.44%
Ag - 0.06 oz/ton
Au - 0.007 oz/ton
- CH-86-111R - Selected specimen of massive pyrite and chalcopyrite.
No width. Cu - 17.1%
Ag - 0.58 oz/ton
Au - 0.718 oz/ton
- CH-86-112R - Sample across 1.5 metres of shear zone against west
side of zone. Clay, quartz, pyrite, chalcopyrite.
Cu - 1.98%
Ag - 0.058 oz/ton
Au - 0.008 oz/ton
- CH-86-113R - Sample of selected massive sulphides from west side of
shear zone. Cu - 15.3%
Ag - 0.992 oz/ton
Au - 0.014 oz/ton
- CH-86-114R - Sample across 2.3 metres of shear zone, west side,
sericite, clay, jarosite, breccia.
Cu - 0.62%
Ag - 0.015 oz/ton
Au - 0.001 oz/ton
- CH-86-115R - Sample across 2.0 metres of massive jarosite, mafic
dyke, jarosite-quartz and massive sulphides.
Cu - 0.572%
Ag - 0.123 oz/ton
Au - 0.006 oz/ton

ROCK SAMPLES, contd.

CH-86-116R - Selected sample of bornite-clay from same area as two previous samples. Cu - 2.65%

Ag - 0.02 oz/ton

Au - 0.002 oz/ton

CH-86-117R - Sample across 0.9 metres of clay zone from which previous sample procured. Cu - 0.324%

Ag - 0.012 oz/ton

Au - 0.003 oz/ton

SILT SAMPLES

CH-86-008 - Silt sample draining Zone 4 area, active sample, organic.

1130 ppm Cu

0.8 ppm Ag

5 ppb Au

CH-86-053 - Silt sample northeast of Zone 4, dry gulley, organic.

510 ppm Cu

1.6 ppm Ag

5 ppb Au

Drainage deserves follow-up.

ANOMALOUS VALUES

SOILS

CH-86-010: 840 ppm Cu, 25 ppb Au
CH-86-013: 790 ppm Cu
CH-86-019: 830 ppm Cu
CH-86-035: 300 ppm Cu
CH-86-045: 1520 ppm Cu
CH-86-049: 315 ppm Cu, 20 ppb Au
CH-86-059: 215 ppm Cu, 25 ppb Au

ROCKS

CH-86-103R: Cu - 8.25%; Ag - 4.375 oz/ton; Au - 0.143 oz/ton
CH-86-105R: Cu - 0.87%
CH-86-106R: Cu - 3.06%
CH-86-108R: Cu - 0.98%
CH-86-111R: Cu - 17.1%; Au - 0.718 oz/ton
CH-86-112R: Cu - 1.98%
CH-86-113R: Cu - 15.3%; Ag - 0.992 oz/ton
CH-86-114R: Cu - 0.62%
CH-86-115R: Cu - 0.57%
CH-86-116R: Cu - 2.64%

SILT

CH-86-008: 1130 ppm Cu
CH-86-053: 510 ppm Cu

CONCLUSIONS

A major clay-sulphide shear system trends north-south down the property. The structure appears to contain approximately 1.0 to 1.5% copper across one to four metres. Indications of gold and silver mineralization within this structure has been discovered in rock samples CH-86-103R, CH-86-111R and CH-86-113R. Soil containing anomalous concentrations of gold were discovered in samples CH-86-010, CH-86-049 and CH-86-059.

RECOMMENDATIONS

Detailed mapping and sampling of surface exposures should be carried out with special emphasis on gold and silver mineralization.

Soil sampling on 25-metre centres should be utilized over the claim area. If drill targets are outlined by the above work, 1,500 feet of drilling (450 metres) should be carried out to test the structures at depth.

Stephen C. Jones


REFERENCES

- NORTHCOTE, K. E.; Geology and Geochronology of the Guichon Batholith, B.C.D.M. 1969.
- McMILLAN, W. J.; Preliminary Map No. 30 and Notes to Accompany Map, B.C.D.M. 1978.
- SANGUINETTI, M. H.; Geophysical Report on Property. 1972.
- PROGRESS REPORTS - Chataway Explorations. 1965-1967.
- SHERWIN KELLY - Report to Lawrence Mining Corp. on Vimy Claims 100-800. 1979.

CERTIFICATE

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

1. I have been practising 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 25 to June 20, 1986.
5. I have no interest either directly or indirectly in the Chataway I-A property.
6. I consent to the use of this report in or in connection with a prospectus relating to raising of funds.



Stephen C. Gower

APPENDIX A

MIN-EN LABORATORIES ASSAYS

INVOICE

MIN-EN LABORATORIES LTD.
3 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

INVOICE No 1715B

DATE: JULY 1/86

PHONE: (604) 980-5814 OR 988-4524
TELEX: 04-35282B

TO : GOWER THOMPSON ASSOC
360-522-7TH ST.,
NEW WESTMINSTER, B.C.

FILE No: 6-380
PROJECT:

ATTENTION S. GOWER

QTY	DESCRIPTION	UNIT PRICE	AMOUNT
61	SOIL GEOCHEM - CU, AG, AU	7.40	451.40
61	SOIL SAMPLE PREP	.85	51.85
19	ASSAYS - CU, AG, AU	19.00	361.00
19	ASSAYS SAMPLE PREP	3.00	57.00
* TOTAL *			921.25

PAID
(JUL 7 1986)

THESE ARE PROFESSIONAL SERVICES AND ARE PAYABLE WHEN RENDERED.
OVER 30 DAYS 2% INTEREST PER MONTH WILL BE CHARGED.

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

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

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

TELEX: 04-352829

CERTIFICATE OF ASSAY

COMPANY: GOWER THOMPSON & ASSOC.

FILE: 6-380

PROJECT:

DATE: JUNE 27/86

ATTENTION: S. GOWER

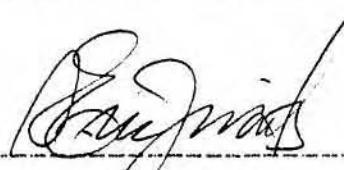
TYPE: ROCK ASSAY

We hereby certify the following results for sample submitted.

Sample Number	CU %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
CH-86-101R	0.130	0.3	0.009	0.03	0.001
CH-86-102R	0.118	1.7	0.050	0.12	0.004
CH-86-103R	8.250	150.0	4.375	*4.90	0.143
CH-86-104R	0.034	0.5	0.015	0.05	0.001
CH-86-105R	0.870	2.8	0.082	0.16	0.005
CH-86-106R	3.060	3.2	0.093	0.22	0.006
CH-86-107R	0.260	0.6	0.018	0.02	0.001
CH-86-108R	0.980	2.4	0.070	0.77	0.022
CH-86-109R	0.075	0.6	0.018	0.03	0.001
CH-86-110R	0.440	2.1	0.061	0.24	0.007
CH-86-111R	17.100	20.0	0.583	24.60	0.718
CH-86-112R	1.980	2.0	0.058	0.30	0.009
CH-86-113R	15.300	34.0	0.992	0.48	0.014
CH-86-114R	0.620	0.5	0.015	0.05	0.001
CH-86-115R	0.572	4.2	0.123	0.21	0.006
CH-86-116R	2.640	0.7	0.020	0.06	0.002
CH-86-117R	0.324	0.4	0.012	0.10	0.003
KR-86-025	0.032	0.2	0.006	0.18	0.005
KR-86-026	0.350	1.0	0.029	0.02	0.001

*Contains metallic Au.

Certified by



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

TELEX: 04-352828

GEOCHEMICAL RESULTS CERTIFICATE

COMPANY: GOWER THOMPSON & ASSOC
PROJECT:
ATTENTION: S. GOWER

FILE: 6-380/P1
DATE: JUNE 26/86
TYPE: SOIL GEOCHEM

We hereby certify the following results for sample submitted.

Sample Number	CU PPM	AG PPM	AU PPB	
CH-86-001	230	0.9	5	
CH-86-002	103	0.8	5	
CH-86-003	100	0.9	10	
CH-86-004	144	1.0	5	
CH-86-005	56	1.0	5	
CH-86-006	295	0.9	10	
CH-86-007	83	0.7	5	40MESH
CH-86-008	1130	0.8	5	
CH-86-009	114	0.6	15	
CH-86-010	840	1.0	25	
CH-86-011	78	0.7	5	
CH-86-012	69	0.8	5	
CH-86-013	790	0.9	10	
CH-86-014	81	0.7	5	
CH-86-015	102	0.6	5	
CH-86-016	185	0.7	5	
CH-86-017	113	0.8	5	
CH-86-018	101	0.8	5	
CH-86-019	830	1.0	10	
CH-86-020	140	0.8	5	
CH-86-021	106	0.5	10	
CH-86-022	172	0.8	5	
CH-86-023	70	0.7	5	
CH-86-024	210	0.9	5	
CH-86-025	66	0.8	10	
CH-86-026	137	0.9	5	
CH-86-027	92	0.7	5	
CH-86-028	69	1.0	5	
CH-86-029	80	0.6	5	
CH-86-030	104	0.7	5	

Certified by



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

TELEX: 04-352828

GEOCHEMICAL RESULTS CERTIFICATE

COMPANY: GOWER THOMPSON & ASSOC.

FILE: 6-380/P2

PROJECT:

DATE: JUNE 26/86

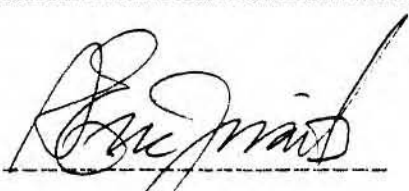
ATTENTION: S. GOWER

TYPE: SOIL GEOCHEM

We hereby certify the following results for sample submitted.

Sample Number	CU PPM	AG PPM	AU PPB
CH-86-031	225	1.0	5
CH-86-032	182	0.8	5
CH-86-033	180	0.9	5
CH-86-034	68	0.8	10
CH-86-035	300	0.7	5
CH-86-036	176	1.1	5
CH-86-037	110	0.7	5
CH-86-038	87	1.0	10
CH-86-039	270	0.8	5
CH-86-040	94	1.1	5
CH-86-041	77	0.9	5
CH-86-042	90	0.8	15
CH-86-043	74	0.6	5
CH-86-044	100	0.7	10
CH-86-045	1520	1.3	5
CH-86-046	168	0.9	5
CH-86-047	170	0.9	5
CH-86-048	102	1.0	10
CH-86-049	315	1.2	20
CH-86-050	135	0.8	5
CH-86-051	93	0.7	5
CH-86-052	90	1.0	5
CH-86-053	510	1.6	5
CH-86-054	64	0.8	5
CH-86-055	122	0.7	10
CH-86-056	138	0.9	5
CH-86-057	83	0.6	5
CH-86-058	5900	8.5	145
CH-86-059	215	1.1	25
KS-86-140 (EXTRA)	390	1.3	5

Certified by


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TELEX: 04-352828

GEOCHEMICAL RESULTS CERTIFICATE

COMPANY: GOWER THOMPSON & ASSOC.

FILE: 6-380/P3

PROJECT:

DATE: JUNE 26/86

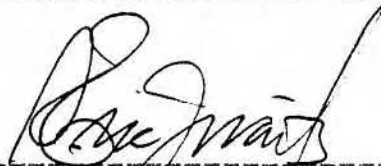
ATTENTION: S. GOWER

TYPE: SOIL GEOCHEM

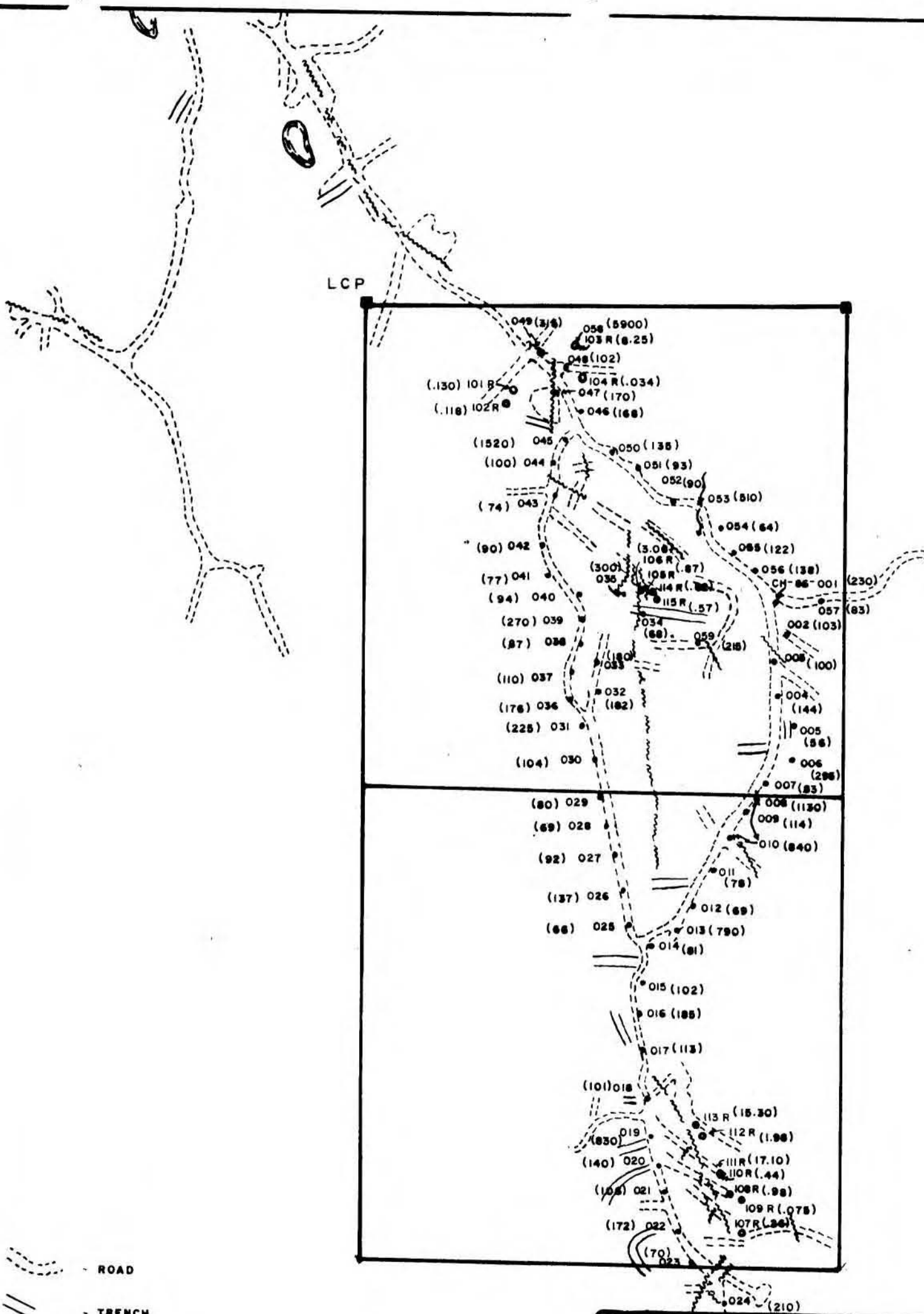
We hereby certify the following results for sample submitted.

Sample Number	CU PPM	AG PPM	AU PPB
KS-86-141 (EXTRA)	2	0.8	5

Certified by



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- ROAD
- TRENCH
- FAULT
- 058 - Cu IN PPM SOIL
- 008 - Cu IN PPM SILT
- 103 R - Cu IN % ROCK

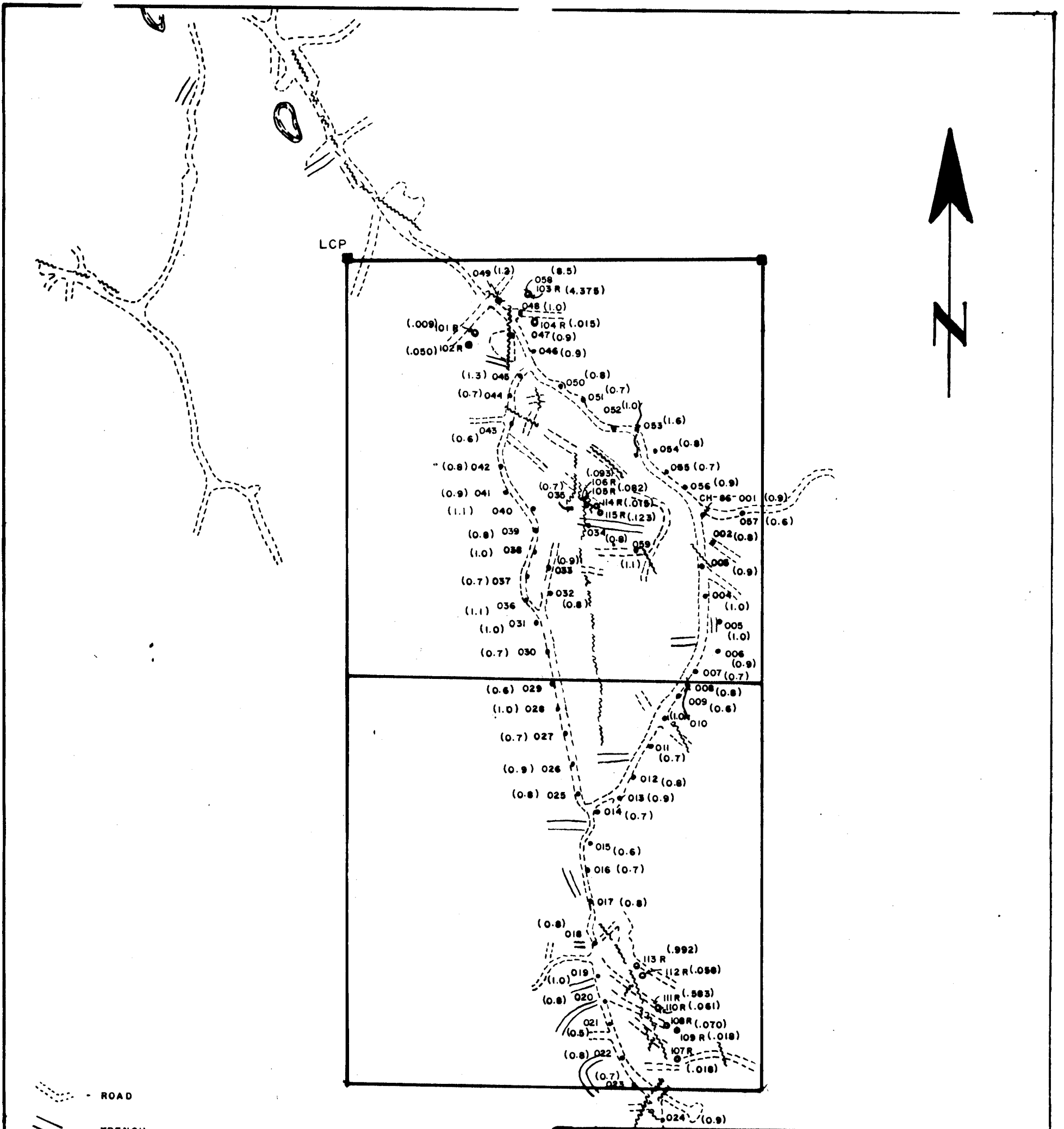
**CHATAWAY I-A PROPERTY
SAMPLE LOCATIONS, RESULTS,
MINERAL ZONES, Cu**

DRAWN BY: SCB ENT DATE: JUNE 1986
FIGURE: 4 SCALE: 1:4800 1" = 400'

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LTD.

14,978

MINERAL ZONES AND
SAMPLEMENT REPORT



- ROAD
- TRENCH
- FAULT
- 058 - Ag IN PPM SOIL
- *008 - Ag IN PPM SILT
- 103R - Ag IN OZ/TQN ROCK

**CHATAWAY I-A PROPERTY
SAMPLE LOCATIONS , RESULTS,
MINERAL ZONES, Ag**

DRAWN BY: S.C.G., E.M.T. DATE: JUNE, 1986
 FIGURE: 5 SCALE: 1:4800 1" = 400'

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ASSIGNMENT REPORT

