

84-#148 - 12067
3

ASSESSMENT REPORT

Geochemical Soil Survey
on the

McKee Lake Properties

(C.G. 1-9, SWAMP, CRUISE 1-2 claims)

Cariboo Mining Division, B.C.

NTS: 93 A/2 & 7

LAT: 52°15'N

LONG: 120°48'W

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

12,067

Owned and Operated by - Mt. Calvary Resources Ltd.
1027-470 Granville Street,
Vancouver, B.C. V6C 1V5

A. J. Schmidt, P. Eng

March 7, 1984
Vancouver, B.C.

TABLE OF CONTENTS

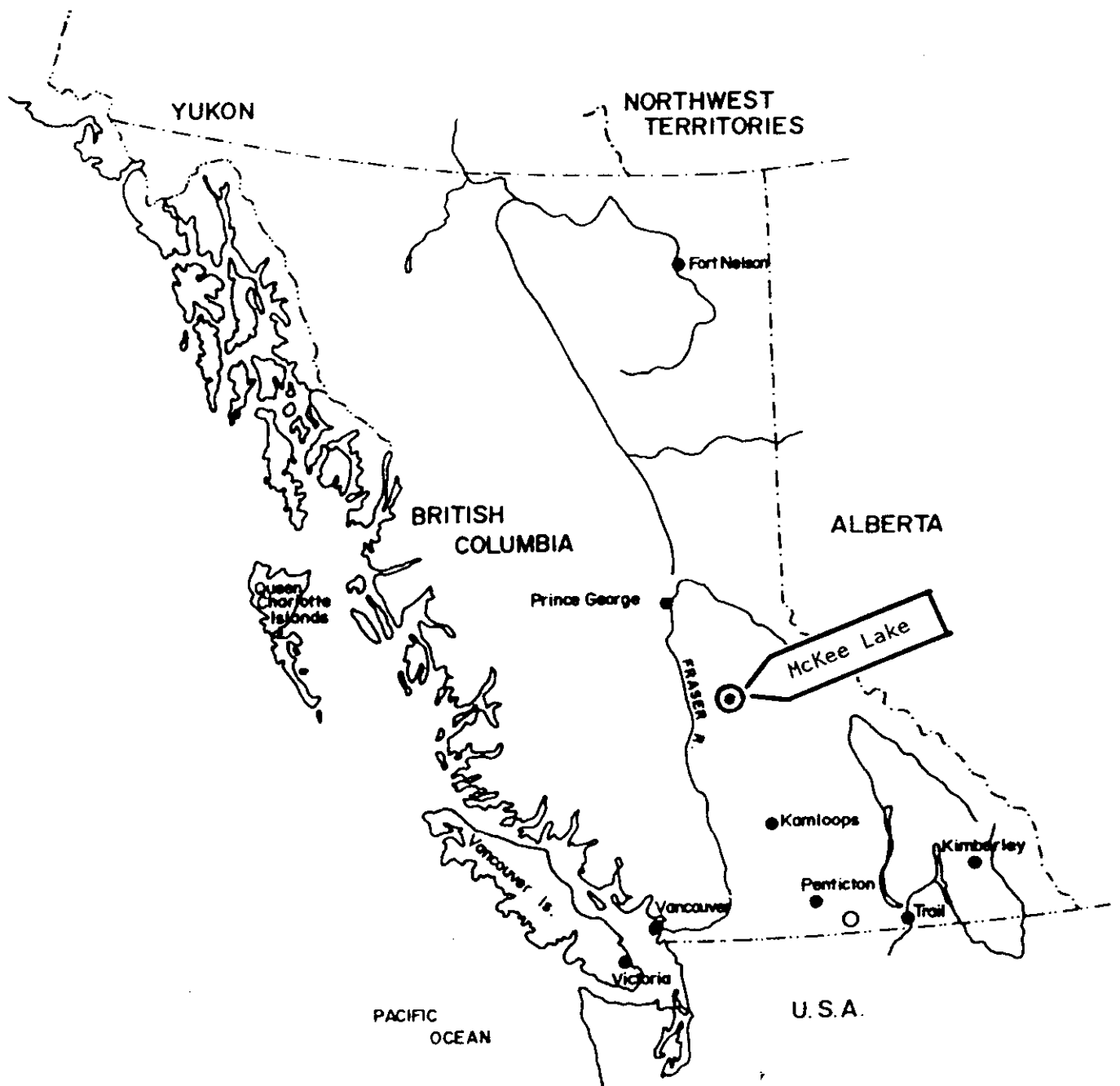
| | <u>Page No.</u> |
|---------------------------------|-----------------|
| 1. Introduction | 2 |
| 2. Location and Access | 2 |
| 3. Claims | 2 |
| 4. History | 4 |
| 5. Sampling Program | 4 |
| 6. General Geology | 4 |
| 7. Results | 5 |
| 8. Conclusions | 7 |
| 9. Disbursements | 9 |
| 10. Statement of Qualifications | 10 |

ILLUSTRATIONS

| | |
|-----------------------------------------|-----------|
| FIGURE 1 - Location Map | 1 |
| FIGURE 2 - Claim Map | 3 |
| FIGURE 3 - Geochemical Map | In Pocket |
| FIGURE 4 - Geochemical Map - Cruise 1,2 | 6 |

APPENDICES

| | |
|---------------------------------------------|--|
| APPENDIX A - Geochemical Assay Results | |
| APPENDIX B - Geochemical Analytical Methods | |



LOCATION MAP

McKee Lake Property NTS: 93 A/2 & 7

Scale 1:12,672,000

FIGURE 1

SOIL GEOCHEMICAL SURVEY

McKEE LAKE PROPERTY

1. Introduction

The purpose of this report is to present results of geochemical soil sampling done on the McKee Lake and Boscar Lake properties. Grids were established, and soil sampling carried out between November 3 to 13, 1983. The programs were designed to aid in exploring the properties.

2. Location and Access

The McKee Lake property is located approximately 5 km SW of the NW end of Crooked Lake, about 45 km east of the village of Horsefly. Access to McKee Lake is by a network of secondary gravel roads.

The claims are situated in moderately rolling terrain. Altitudes range from 2980 feet at Elbow Lake to a peak of 4622 feet immediately east of the C.G. claims. Vegetation is fairly thick, with mature stands of mixed cedar, hemlock, balsam, spruce and pine. Some large clear-cuts occur on the SWAMP claim, and logging is extensive in the general area.

3. Claims

The McKee Lake property consists of the following claims:

| <u>Name</u> | <u>No. of Units</u> | <u>Record No.</u> | <u>Record Date</u> |
|-------------|---------------------|-------------------|--------------------|
| C.G. 1-4 | 4 | 4281-4284 | April 19, 1982 |
| C.G. 5-8 | 4 | 4326-4329 | June 1, 1982 |
| C.G. 9 | 1 | 5403 | October 31, 1983 |
| Swamp | 20 | 5404 | October 31, 1983 |

Two other claims, located a few kilometres south, were also gridded and soil sampled during the same program:

| | | | |
|------------|---|-----------|----------------|
| Cruise 1-2 | 2 | 4703-4704 | March 18, 1983 |
|------------|---|-----------|----------------|



CLAIM MAP
 McKee Lake Property NTS 93 A/2 & 7
 Scale 1:50,000 FIGURE 2

4. History

Gold was apparently first discovered near McKee Lake in 1934 by prospectors Moehne and Goetjen (BCMM 1934, pg. C32). A +40 foot shaft was sunk on a large quartz vein showing free gold with minor chalcopyrite, pyrite. A sample taken across 11 feet 9 inches assayed 0.30 oz. per ton. No other work has apparently been done in the immediate area until the Jamboree claims were staked to the northwest in 1981, and the Bassett Creek claims to the south in 1983. Trenching and drilling occurred on the Jamboree claims in 1983 to test Au-As soil anomalies previously established.

5. Sampling Program

A 3-man contractor's crew established a compass and topofil grid over the claim areas, under the direct supervision of the author. Thirty-six kilometres of grid line, spaced 200 metres apart, were flagged and marked at 50 metre intervals over the C.G./Swamp claims, and another 2.2 kilometres of grid line were established over the Cruise 1,2 claims near Boscar Lake.

Geochemical work consisted of soil samples collected every 50 metres along the grid lines. Samples were taken from the "B" horizon at approximately 10-15 cm depth, where possible. Approximately 0.5 kg samples were collected by mattock and placed in kraft paper bags, identified by the appropriate grid coordinates. Samples were dried, screened and the -80 mesh fraction pulverized and analyzed by Min-En Laboratories Ltd., 705 West 15th Street, North Vancouver, using atomic absorption techniques. (See Appendix B for specific methods used.)

45 soil samples were collected from the CRUISE 1-2 grid while 608 samples were collected from the McKee Lake grid. These samples were analyzed for Au, As and Cu.

6. General Geology

According to Geological Survey of Canada Open File Map number 574, the claims lie over the contact between Upper Triassic argillaceous sediments to the east and Jurassic volcanics to the west.

Several traverses were made by the author over the C.G. claims and the SWAMP claim to locate claim posts. Near the shaft, just east of McKee Lake, several outcrops were observed of andesitic volcanics, varying from coarse breccia to tuffs, all weakly pyritized (1-3%) and carbonate altered. Along the Bassett Creek road to the south, several large outcrop areas of fine grained andesitic tuff were mapped, also carbonate altered, but lacking obvious sulphides. Along the southeastern shore of McKee Lake, several outcrops of pyritized hornblende syenodiorite were seen, while along the Basset Creek road, outcrops of fresh hornblende diorite were seen. A logging road leading to the summit of the mountain just east of the C.G. claims was traversed, and a number of graphitic argillite outcrops were seen, some carrying minor amounts of pyrite.

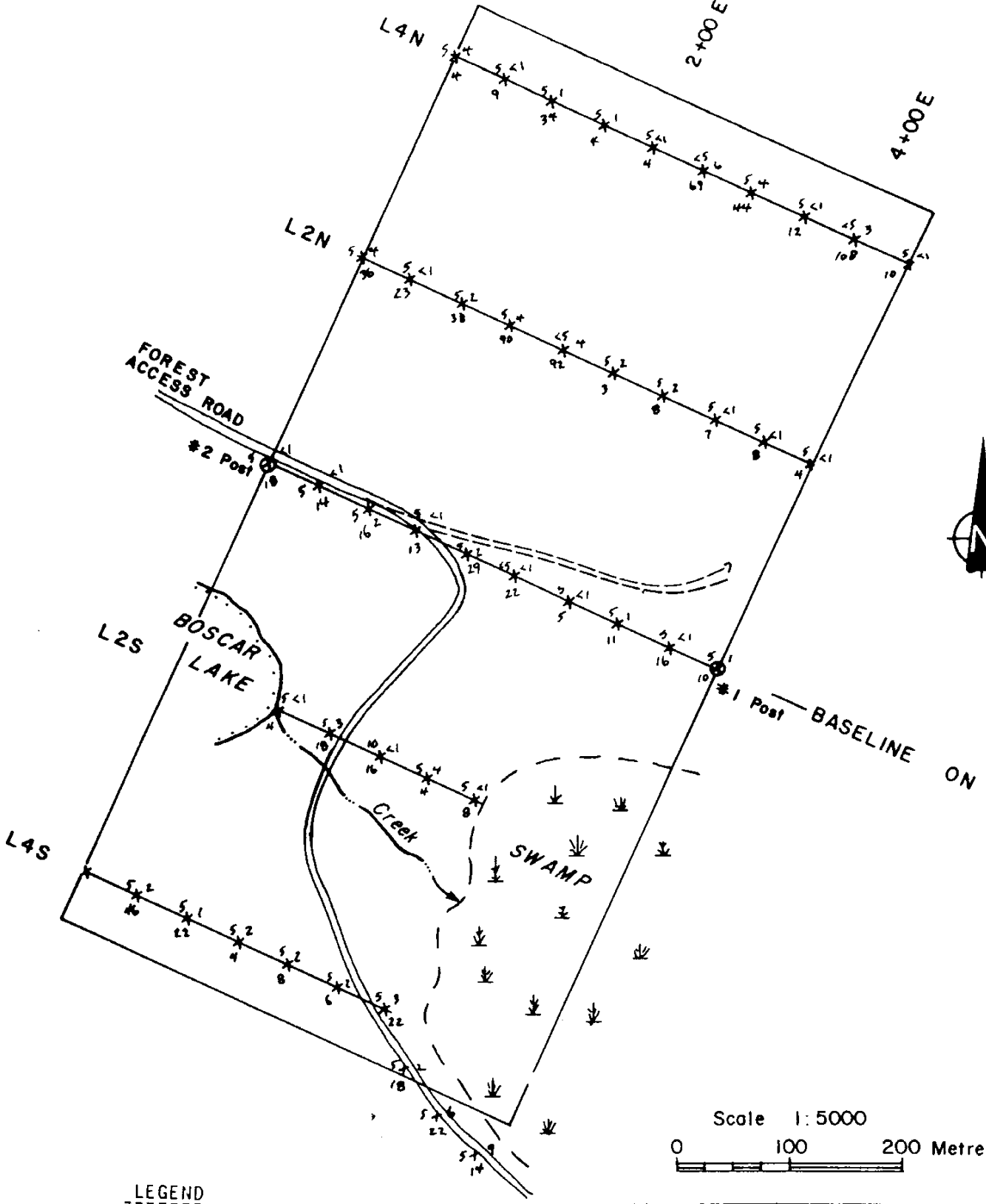
About 250 metres east of McKee Lake, prospectors sank a +40 foot shaft in 1934, on a wide quartz vein (11 feet) which strikes north-south and dips vertically. Minor amounts of chalcopyrite, malachite, and pyrite can be seen in the sloughed muck pile adjacent to the shaft. Assays up to 0.35 ounces gold per ton have been reported from this vein across 11 feet 9 inches, and free gold has been reported. The author considered the shaft collar to be too unstable to allow sampling of the vein.

7. Results

McKee Lake Grid

Histograms have been prepared from the assay data received (see Appendix A). Using only the 608 samples from the McKee Lake grid, the following values were derived:

| | | |
|---------|-----------|----------|
| Copper | Anomalous | + 75 ppm |
| Arsenic | Anomalous | + 20 ppm |
| Gold | Anomalous | + 15 ppm |



LEGEND

$\frac{5 \times 7}{34}$ = Sample Location and Assay Results
 = Au(ppb) \times As(ppm)
 $\frac{\quad}{\quad}$ Cu(ppm)

| | |
|------------------------------------|--------|
| MT. CALVERY RESOURCES LTD. | |
| CRUISE CLAIMS CARIBOO MD. 93A/2 | |
| SOIL GRID | |
| Nov, 1983 | A.J.S. |

Gold values obtained in the soil samples are generally quite low (maximum 40 ppb), but the +15 ppb values are often correlatable with the better Cu values. The central portion of the SWAMP claim is occupied by several small ponds and extensive swamps. No geochemical sampling was possible in these areas.

Several narrow (1-2 samples) but linear northwest-trending copper soil anomalies are present, particularly on the western side of the sampled area, probably occurring on the Jamboree II claim and the Bassett Creek #1 claim. However, extensions to the southeast are probable, particularly on Lines 8N (at 13+50 W) and 6N (at 12+00W). A strong copper soil anomaly occurs just north of McKee Lake (265 ppm Cu at 0+00N, 18+00W). This probably extends to the southeast, through the shaft area (92 ppm Cu on Line 45, 86 ppm Cu on Line 85).

A few soil samples are weakly anomalous in arsenic (+ 20 ppm); several of these are correlatable with some of the higher Au and/or Cu values.

Boscar Lake Grid

No anomalous gold or arsenic values were detected on the Cruise 1-2 claims near Boscar Lake, but two adjacent samples on Line 2N returned anomalous copper values (90, 92 ppm).

8. Conclusions

- (a) The McKee Lake claims cover the contact zone between graphitic argillites (to the east) and carbonate altered andesites (to the west).
- (b) Several small stocks of pyritized hornblende diorite occur near McKee Lake and Bassett Creek.
- (c) A +40 foot shaft has been sunk on a wide quartz vein carrying up to 0.30 ounces gold per ton.

- (d) Several narrow, but positive copper soil anomalies (+ 75 ppm Cu) trend northwesterly across the area sampled, on the C.G., Bassett Creek #1, SWAMP, and Jamboree II claims.
- (e) Several weak gold soil anomalies (+ 15 ppb Au) occur which may be correlatable with the copper anomalies.
- (f) Further exploration should include geophysical surveys (I.P., ground magnetics), particularly over the better copper anomalies, and possibly some trenching, if the overburden depth is judged to be not too deep.



A. J. Schmidt, P.Eng.

March 5, 1984

10. Statement of Qualifications

I, Andrew J. Schmidt, of Vancouver, British Columbia, do hereby certify that:

- (1) I am a registered Professional Engineer of the Province of British Columbia, residing at 1282 West 7th Avenue, Vancouver, B.C. V6H 1B6
- (2) I am a graduate of the University of British Columbia, in Geological Engineering, B.A.Sc. 1961.
- (3) I have practised my profession continuously since 1961 in many parts of Canada, the United States, Mexico and Portugal.
- (4) This report is based upon my direct supervision of the field work during November 3-9th, 1983, and my interpretation of the data, March 2-7, 1984.



A. J. Schmidt, P. Eng
March 7, 1984

APPENDIX A - Geochemical Assay Results

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project Date of report **March 1/84**

File No. **3-1394** Date samples received **December 7/84**

Samples submitted by: **Andy Schmidt**

Company: **Welcome North Mines**

Report on: **653** Geochem samples

Assay samples

Copies sent to:

1. **Welcome North Mines, Vancouver, B.C.**

2.

3.

Samples: Sieved to mesh **-80** Ground to mesh

Prepared samples stored discarded

rejects stored geo discarded

Methods of analysis: **Cu nitric, perchloric digestion A.A. analysis., Au aqua regia A.A. analysis., As acid digestion-spectrophotometric**

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

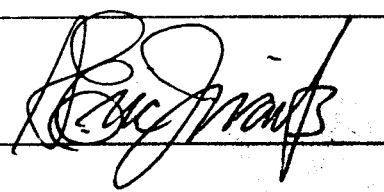
GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY WELCOME NORTH MINES
 ATTENTION ANDY SCHMIDT

FILE NO 3-1394
 DATE FEB. 29/84

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

| SAMPLE NUMBER | CU PPM | AS PPM | AU PPB |
|---------------|--------|--------|--------|
| ----- | | | |
| DRL2N0+50E | 23 | <1 | 5 |
| L4N4+50E | 10 | <1 | 5 |
| 4+00 | 108 | 3 | <5 |
| 3+50 | 12 | <1 | 5 |
| 3+00 | 44 | 4 | 5 |
| ----- | | | |
| 2+50 | 69 | 6 | <5 |
| 2+00 | 6 | <1 | 5 |
| 1+50 | 4 | 1 | 5 |
| 1+00 | 34 | 1 | 5 |
| 0+50 | 9 | <1 | 5 |
| ----- | | | |
| JRL4N0+00E | 4 | 4 | 5 |
| CRL2N4+50E | 4 | <1 | 5 |
| 4+00 | 8 | <1 | 5 |
| 3+50 | 7 | <1 | 5 |
| 3+00 | 8 | 2 | 5 |
| ----- | | | |
| 2+50 | 3 | 2 | 5 |
| 2+00 | 92 | 4 | <5 |
| 1+50 | 90 | 4 | 5 |
| 1+00 | 38 | 2 | 5 |
| 0+50 | 6 | 2 | 5 |
| ----- | | | |
| CR12N0+00E | 36 | 4 | 5 |
| CRL4S0+50E | 46 | 2 | 5 ✓ |
| 1+00 | 22 | 1 | 5 ✓ |
| 1+50 | 4 | 2 | 5 ✓ |
| 2+00 | 8 | 2 | 5 ✓ |
| ----- | | | |
| 2+50 | 6 | 2 | 5 ✓ |
| 3+00 | 22 | 3 | 5 ✓ |
| 3+50 | 18 | 2 | 5 ✓ |
| 4+00 | 22 | 6 | 5 ✓ |
| CTL4S4+50E | 14 | 9 | 5 ✓ |

Certified by 

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) 989-4524

TELEX: 04-352928

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 ATTENTION ANDY SCHMIDT

FILE NO 3-1394
 DATE FEB. 28/84

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

| SAMPLE NUMBER | CU PPM | AS PPM | AU PPM |
|---------------|--------|--------|--------|
| CRL2S1+00E | 4 | <1 | 5 ✓ |
| 1+50 | 18 | 3 | 5 ✓ |
| 2+00 | 16 | <1 | 10 ✓ |
| 2+50 | 4 | 4 | 5 ✓ |
| CRL2S3+00E | 8 | <1 | 5 ✓ |
| CRL0N0+00E | 18 | <1 | 5 ✓ |
| 0+50 | 14 | <1 | 5 ✓ |
| 1+00 | 16 | 2 | 5 ✓ |
| 1+50 | 13 | <1 | 5 ✓ |
| 2+00 | 29 | 2 | 5 ✓ |
| 2+50 | 22 | <1 | <5 ✓ |
| 3+00 | 5 | <1 | 5 ✓ |
| 3+50 | 11 | 1 | 5 ✓ |
| 4+00 | 16 | <1 | 5 ✓ |
| CRL0N4+50E | 10 | 1 | 5 ✓ |
| L2S0+00W | 32 | 2 | 5 ✓ |
| 0+50 | 10 | <1 | 5 ✓ |
| 1+00 | 30 | 4 | 5 ✓ |
| 1+50 | 20 | 3 | 5 ✓ |
| 2+00 | 23 | 2 | 10 ✓ |
| 2+50 | 10 | 2 | 5 ✓ |
| 3+00 | 38 | 11 | 5 ✓ |
| 3+50 | 16 | 2 | <5 ✓ |
| 4+00 | 12 | <1 | 5 ✓ |
| 4+50 | 46 | 2 | 5 ✓ |
| 5+00 | 34 | <1 | 5 ✓ |
| 5+50 | 14 | <1 | 5 ✓ |
| 6+00 | 11 | 2 | 5 ✓ |
| 6+50 | 10 | 1 | 5 ✓ |
| L2S7+00W | 22 | 6 | 5 ✓ |

↑ CRUISE 1 & 2 Claims
 ↓ McKee Lk. Claims.

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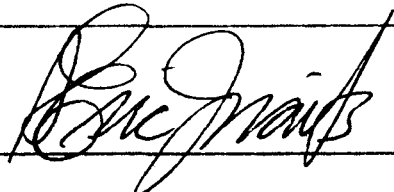
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DATE MARCH 1/84

We hereby certify that the following are the results of the geochemical analysis made on 29 samples submitted.

| SAMPLE NUMBER | CU PPM | AS PPM | AU PPB | |
|---------------|-----------|--------|--------|---|
| L2S7+50W | 10 | 1 | 5 | ✓ |
| 8+00 | 48 | 12 | 5 | ✓ |
| 8+50 | 12 | 2 | 5 | ✓ |
| 9+00 | 4 | <1 | 10 | ✓ |
| 9+50 | 12 | <1 | 5 | ✓ |
| 10+00 | 10 | 1 | 10 | ✓ |
| 10+50 | 28 | 2 | 5 | ✓ |
| 11+00 | 29 | <1 | 5 | ✓ |
| 11+50 | 34 | 2 | 5 | ✓ |
| 12+00 | 16 | <1 | 5 | ✓ |
| 12+50 | 88 | 7 | 5 | ✓ |
| 13+00 | 20 | 2 | 5 | ✓ |
| 13+50 | NO SAMPLE | | | ✓ |
| 14+00 | 23 | 7 | 5 | ✓ |
| 14+50 | 22 | 6 | 10 | ✓ |
| 15+00 | 26 | 2 | 5 | ✓ |
| 15+50 | 20 | 5 | 5 | ✓ |
| 16+00 | 4 | 2 | 5 | ✓ |
| 16+50 | 17 | 1 | 5 | ✓ |
| L2S17+00W | 32 | <1 | 10 | ✓ |
| L2S17+30W | 25 | <1 | 10 | ✓ |
| L6S0+00W | 4 | <1 | 5 | ✓ |
| 0+50 | 48 | 8 | 5 | ✓ |
| 1+00 | 20 | 4 | 5 | ✓ |
| 1+50 | 9 | 2 | 5 | ✓ |
| 2+00 | 8 | 2 | 5 | ✓ |
| 2+50 | 23 | 4 | 5 | ✓ |
| 3+00 | 6 | <1 | 5 | ✓ |
| 3+50 | 8 | 4 | 5 | ✓ |
| L6S4+00W | 54 | 8 | 5 | ✓ |

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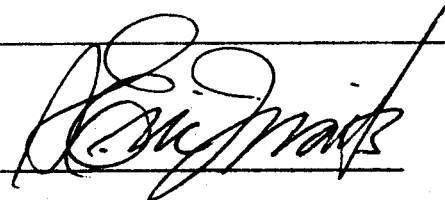
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FILE NO 3-1394
DATE MARCH 1/84

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

| SAMPLE NUMBER | CU PPM | AS PPM | AU PPB |
|---------------|--------|--------|--------|
| L6S4+50W | 42 | 4 | 5 ✓ |
| 5+00 | 16 | 2 | 5 ✓ |
| 5+50 | 28 | 4 | <5 ✓ |
| 6+00 | 22 | 4 | 10 ✓ |
| 6+50 | 30 | 4 | 5 ✓ |
| 7+00 | 22 | <1 | 5 ✓ |
| 7+50 | 10 | 2 | 5 ✓ |
| 8+00 | 28 | 2 | 5 ✓ |
| 8+50 | 40 | 8 | <5 ✓ |
| 9+00 | 36 | 2 | 5 ✓ |
| 9+50 | 34 | 7 | 5 ✓ |
| 10+00 | 16 | 9 | 5 ✓ |
| 10+50 | 9 | <1 | 5 ✓ |
| 11+00 | 12 | 1 | 5 ✓ |
| 11+50 | 12 | 1 | <5 ✓ |
| 12+00 | 35 | 2 | 5 ✓ |
| 12+50 | 6 | 2 | 5 ✓ |
| 13+00 | 22 | 6 | 5 ✓ |
| 13+50 | 27 | 6 | 10 ✓ |
| 14+00 | 48 | 2 | 5 ✓ |
| 14+50 | 12 | 12 | 5 ✓ |
| 15+00 | 34 | 13 | 5 ✓ |
| 15+50 | 28 | 9 | 15 ✓ |
| 16+00 | 28 | 11 | <5 ✓ |
| 16+50 | 14 | 4 | 5 ✓ |
| 17+00 | 78 | 15 | 10 ✓ |
| 17+50 | 40 | 19 | 5 ✓ |
| L6S18+00W | 39 | 4 | 5 ✓ |
| L4S0+00W | 34 | 11 | 5 ✓ |
| L4S0+50W | 12 | 7 | 5 ✓ |

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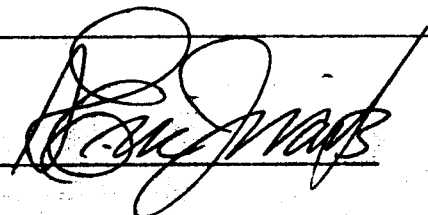
COMPANY WELCOME NORTH MINES
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DATE FEB. 28/84

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

| SAMPLE NUMBER | CU PPM | AS PPM | AU PPB |
|---------------|--------|--------|--------|
| L4S1+00W | 22 | 4 | 5 ✓ |
| 1+50 | 14 | 5 | 5 ✓ |
| 2+00 | 28 | 5 | 5 ✓ |
| 2+50 | 33 | 6 | 10 ✓ |
| 3+00 | 16 | 6 | 5 ✓ |
| 3+50 | 24 | 3 | 5 ✓ |
| 4+00 | 30 | 2 | 5 ✓ |
| 4+50 | 29 | 10 | <5 ✓ |
| 5+00 | 23 | 5 | 5 ✓ |
| 5+50 | 32 | 7 | 5 ✓ |
| 6+00 | 19 | 1 | 10 ✓ |
| 6+50 | 36 | 8 | 5 ✓ |
| 7+00 | 16 | 4 | 5 ✓ |
| 7+50 | 40 | 7 | <5 ✓ |
| 8+00 | 42 | 5 | 5 ✓ |
| 8+50 | 42 | 11 | 10 ✓ |
| 9+00 | 24 | 8 | 5 ✓ |
| 9+50 | 44 | 9 | 5 ✓ |
| 10+00 | 35 | 9 | 5 ✓ |
| 10+50 | 45 | 5 | 10 ✓ |
| 11+00 | 28 | 33 | 5 ✓ |
| 11+50 | 30 | 6 | 5 ✓ |
| 12+00 | 14 | 2 | <5 ✓ |
| 12+50 | 20 | 6 | 5 ✓ |
| 13+00 | 11 | 1 | 10 ✓ |
| 13+50 | 20 | 10 | 5 ✓ |
| 14+00 | 24 | 12 | 5 ✓ |
| 14+50 | 18 | <1 | 15 ✓ |
| 15+00 | 24 | 1 | 5 ✓ |
| L4S15+50W | 92 | 1 | 5 ✓ |

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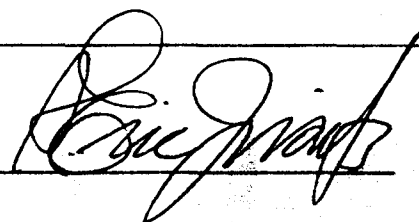


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DATE FEB. 29/84

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

| SAMPLE NUMBER | CU PPM | AS PPM | AU FPB | |
|---------------|--------|--------|--------|-----|
| L4S16+00W | 7 | 1 | 5 | ✓ |
| L6+50 | 9 | 1 | 5 | ✓ |
| L4S17+00W | 46 | 1 | 10 | ✓ |
| L4S17+40W | 44 | 1 | 5 | ✓ |
| L8S0+00W | 14 | 4 | 5 | ✓ |
| 0+50 | 17 | 4 | 5 | ✓ |
| 1+00 | 26 | 5 | <5 | ✓ |
| 1+50 | 8 | 1 | 5 | ✓ |
| 2+00 | 15 | 2 | 10 | ✓ |
| 2+50 | 5 | <1 | 5 | ✓ |
| 3+00 | 24 | 4 | 5 | ✓ |
| 3+50 | 20 | 4 | 5 | ✓ |
| 4+00 | 14 | 6 | <5 | ✓ |
| 4+50 | 18 | 4 | 5 | ✓ |
| 5+00 | 17 | 8 | 5 | ✓ |
| 5+50 | 19 | 19 | <5 | ✓ |
| 6+00 | 14 | 3 | 5 | ✓ |
| 6+50 | 52 | 12 | 5 | ✓ |
| 7+00 | 57 | 18 | <5 | ✓ |
| 7+50 | 115 | 45 | 5 | ✓ * |
| 8+00 | 23 | 4 | 25 | ✓ * |
| 8+50 | 38 | 11 | 10 | ✓ |
| 9+00 | 32 | 6 | 5 | ✓ |
| 9+50 | 60 | 4 | 5 | ✓ |
| 10+00 | 22 | 5 | <5 | ✓ |
| 10+50 | 10 | <1 | 5 | ✓ |
| 11+00 | 6 | 1 | <5 | ✓ |
| 11+50 | 10 | 9 | 5 | ✓ |
| 12+00 | 46 | 9 | 5 | ✓ |
| L8S12+50W | 33 | 5 | 5 | ✓ |

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TELEX: 04-352828

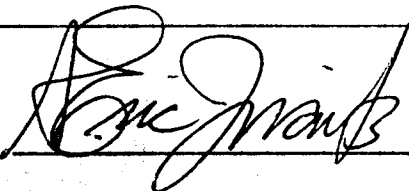
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COMPANY WELCOME NORTH MINES
 ATTENTION ANDY SCHMIDT

FILE NO 3-1394
 DATE MARCH 1/84

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| SAMPLE NUMBER | CU PPM | AS PPM | AU PPB | |
|---------------|--------|--------|--------|-----|
| LBS13+00W | 25 | 5 | 5 | ✓ |
| 13+50 | 86 | 11 | 10 | ✓ |
| 14+00 | 37 | 7 | 5 | ✓ |
| 14+50 | 50 | 9 | <5 | ✓ |
| 15+00 | 41 | 6 | 5 | ✓ |
| 15+50 | 12 | 5 | 5 | ✓ |
| 16+00 | 40 | 1 | 5 | ✓ |
| 16+50 | 24 | 1 | 5 | ✓ |
| 17+00 | 20 | 1 | 10 | ✓ |
| 17+50 | 15 | 1 | 5 | ✓ |
| LBS18+00W | 30 | 4 | <5 | ✓ |
| L10S0+00W | 7 | 5 | 5 | ✓ |
| 0+50 | 16 | 2 | 5 | ✓ |
| 1+00 | 16 | 2 | 10 | ✓ |
| 1+50 | 26 | 4 | 5 | ✓ |
| 2+00 | 24 | 1 | <5 | ✓ |
| 2+50 | 19 | 4 | 5 | ✓ |
| 3+00 | 19 | 2 | 5 | ✓ |
| 3+50 | 27 | 2 | 10 | ✓ |
| 4+00 | 23 | 12 | 5 | ✓ |
| 4+50 | 40 | 7 | 5 | ✓ |
| 5+00 | 104 | 34 | 10 | ✓ * |
| 5+50 | 60 | 12 | 5 | ✓ |
| 6+00 | 29 | 8 | 5 | ✓ |
| 6+50 | 49 | 8 | 5 | ✓ |
| 7+00 | 10 | 2 | 5 | ✓ |
| 7+50 | 44 | 10 | 10 | ✓ |
| 8+00 | 38 | 9 | <5 | ✓ |
| 8+50 | 40 | 11 | 5 | ✓ |
| L10S9+00W | 60 | 4 | 5 | ✓ |

Certified by 

cc

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

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

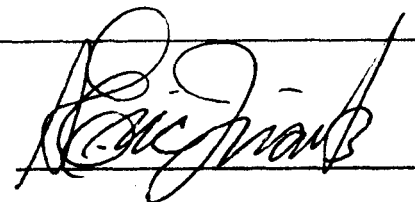
COMPANY WELCOME NORTH MINES
 ATTENTION ANDY SCHMIDT

FILE NO 3-1394
 DATE MARCH 1/84

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

| SAMPLE NUMBER | CU PPM | AS PPM | AU PPB |
|---------------|--------|--------|--------|
| L10S9+50W | 48 | 10 | 10 ✓ |
| 10+00 | 31 | 9 | 5 ✓ |
| 10+50 | 22 | 2 | 5 ✓ |
| 11+00 | 18 | 9 | 5 ✓ |
| 11+50 | 3 | <1 | 10 ✓ |
| 12+00 | 6 | 1 | 10 ✓ |
| 12+50 | 66 | 14 | 5 ✓ |
| 13+00 | 29 | 4 | 5 ✓ |
| 13+50 | 18 | 8 | 10 ✓ |
| 14+00 | 16 | 6 | 5 ✓ |
| 14+50 | 10 | 4 | 5 ✓ |
| 15+00 | 24 | 7 | 10 ✓ |
| 15+50 | 44 | 9 | 5 ✓ |
| L10S16+00W | 46 | 10 | 5 ✓ |
| LON0+00W | 7 | 2 | 5 ✓ |
| 0+50 | 38 | 12 | 10 ✓ |
| 1+00 | 14 | 4 | 5 ✓ |
| 1+50 | 40 | 6 | 5 ✓ |
| 2+00 | 54 | 12 | <5 ✓ |
| 2+50 | 35 | 10 | <5 ✓ |
| * 3+00 | 112 | 45 | 15 ✓ |
| 3+50 | 7 | 1 | 5 ✓ |
| 4+00 | 4 | 1 | 5 ✓ |
| 4+50 | 8 | 2 | 10 ✓ |
| 5+00 | 34 | <1 | 5 ✓ |
| 5+50 | 7 | 4 | 5 ✓ |
| 6+00 | 27 | 4 | 5 ✓ |
| 6+50 | 20 | 8 | 10 ✓ |
| 7+00 | 12 | 4 | 5 ✓ |
| LON7+50W | 4 | <1 | 10 ✓ |

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Specialists in Mineral Environments

705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604) 980-5914 OR (604) 988-4524

TELEX: 04-352829

GEOCHEMICAL ANALYSIS CERTIFICATE

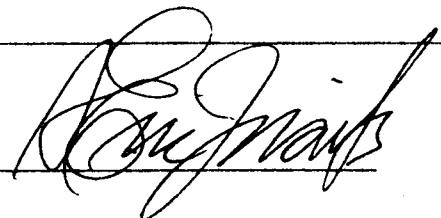
COMPANY WELCOME NORTH MINES
ATTENTION ANDY SCHMIDT

FILE NO 3-1394
DATE FEB. 28/84

We hereby certify that the following are the results of the geochemical analysis made on 29 samples submitted.

| SAMPLE NUMBER | CU PPM | AS PPM | AU PPB | |
|---------------|-----------|--------|--------|---|
| LONB+00W | 13 | <1 | 5 | ✓ |
| 8+50 | 34 | 12 | 5 | ✓ |
| 9+00 | 5 | 4 | 5 | ✓ |
| 9+50 | 18 | 3 | 10 | ✓ |
| 10+00 | 19 | <1 | 5 | ✓ |
| 10+50 | 8 | <1 | 5 | ✓ |
| 11+00 | 17 | <1 | 10 | ✓ |
| 11+50 | 6 | 1 | 5 | ✓ |
| 12+00 | 37 | 6 | 5 | ✓ |
| 12+50 | 58 | 5 | 5 | ✓ |
| 13+00 | NO SAMPLE | | | ✓ |
| 13+50 | 66 | 5 | 5 | ✓ |
| 14+00 | 11 | 1 | 5 | ✓ |
| 14+50 | 6 | 6 | 5 | ✓ |
| 15+00 | 10 | <1 | 5 | ✓ |
| 15+50 | 42 | 12 | 5 | ✓ |
| 16+00 | 24 | 5 | 15 | ✓ |
| 16+50 | 13 | 4 | 5 | ✓ |
| 17+00 | 12 | 1 | 5 | ✓ |
| 17+50 | 13 | 4 | 5 | ✓ |
| * 18+00 | 265 | 3 | 5 | ✓ |
| 18+50 | 81 | 6 | 40 | ✓ |
| 19+00 | 40 | 5 | 5 | ✓ |
| 19+50 | 47 | 1 | 5 | ✓ |
| LON20+00W | 29 | 2 | 5 | ✓ |
| L2N0+00W | 35 | 6 | 5 | ✓ |
| 0+50 | 23 | 6 | 5 | ✓ |
| 1+00 | 35 | 5 | 5 | ✓ |
| 1+50 | 3 | <1 | 5 | ✓ |
| L2N2+00W | 4 | 2 | 5 | ✓ |

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PHONE: (604)993-5311 OR (604)993-4524

TELEY: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

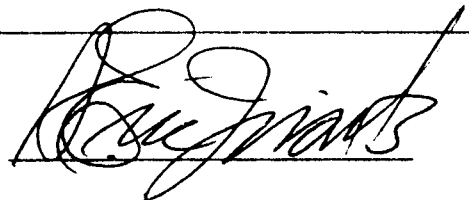
COMPANY WELCOME NORTH MINES
ATTENTION ANDY SCHMIDT

FILE NO 3-1394
DATE FEB.28/84

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

| SAMPLE NUMBER | CU PPM | AG PPM | AU PPB |
|---------------|--------|--------|--------|
| L2N2+50W | 21 | 2 | 5 ✓ |
| 3+00 | 25 | 11 | 5 ✓ |
| 3+50 | 20 | 17 | 5 ✓ |
| 4+00 | 15 | 5 | <5 ✓ |
| 4+50 | 10 | 3 | 5 ✓ |
| 5+00 | 29 | 2 | 10 ✓ |
| 5+50 | 26 | 6 | 10 ✓ |
| 6+00 | 20 | 5 | 15 ✓ |
| 6+50 | 3 | 6 | 5 ✓ |
| 7+00 | 22 | 7 | 10 ✓ |
| 7+50 | 3 | 4 | 5 ✓ |
| 8+00 | 9 | 3 | 5 ✓ |
| 8+50 | 39 | 3 | <5 ✓ |
| 9+00 | 3 | 1 | 5 ✓ |
| 9+50 | 8 | 1 | <5 ✓ |
| 10+00 | 9 | 4 | 5 ✓ |
| 10+50 | 36 | 4 | 5 ✓ |
| 11+00 | 12 | 7 | 10 ✓ |
| 11+50 | 9 | 4 | 5 ✓ |
| 12+00 | 24 | 6 | 15 ✓ |
| 12+50 | 55 | 11 | 5 ✓ |
| 13+00 | 22 | 9 | 10 ✓ |
| 13+50 | 32 | 2 | 5 ✓ |
| 14+00 | 13 | 3 | 5 ✓ |
| 14+50 | 36 | 2 | 10 ✓ |
| 15+00 | 16 | 7 | 10 ✓ |
| 15+50 | 8 | 7 | 5 ✓ |
| 16+00 | 30 | 3 | 10 ✓ |
| 16+50 | 5 | 5 | 5 ✓ |
| L2N17+00W | 15 | 2 | 10 ✓ |

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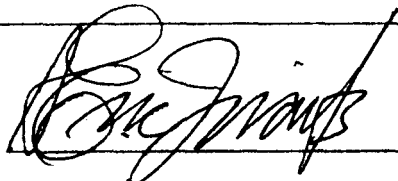
GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY WELCOME NORTH MINES
ATTENTION ANDY SCHMIDT

FILE NO 3-1394
DATE FEB. 28/84

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

| SAMPLE NUMBER | CU PPM | AS PPM | AU PPB | |
|---------------|-----------|--------|--------|---|
| L2N17+50W | 16 | 3 | 5 | ✓ |
| 18+00 | 76 | 5 | 10 | ✓ |
| 18+50 | NO SAMPLE | | | |
| 19+00 | 10 | 2 | 5 | ✓ |
| 19+50 | 410 | 5 | 10 | ✓ |
| ----- | | | | |
| L2N20+00W | 84 | 5 | 5 | ✓ |
| L4N0+00W | 20 | 2 | 15 | ✓ |
| 0+50 | 10 | 6 | 5 | ✓ |
| 1+00 | 45 | 9 | 5 | ✓ |
| 1+50 | 33 | 10 | 10 | ✓ |
| ----- | | | | |
| 2+00 | 26 | 7 | 5 | ✓ |
| 2+50 | 9 | 6 | 5 | ✓ |
| 3+00 | 14 | 4 | 5 | ✓ |
| 3+50 | 6 | 4 | 5 | ✓ |
| 4+00 | 15 | 22 | 45 | ✓ |
| ----- | | | | |
| 4+50 | 8 | 4 | 5 | ✓ |
| 5+00 | 7 | 9 | 5 | ✓ |
| 5+50 | 5 | 5 | 10 | ✓ |
| 6+00 | 3 | 4 | 5 | ✓ |
| 6+50 | 3 | 4 | 5 | ✓ |
| ----- | | | | |
| 7+00 | 17 | 6 | 5 | ✓ |
| 7+50 | 12 | 4 | 10 | ✓ |
| 8+00 | 8 | 5 | 5 | ✓ |
| * 8+50 | 129 | 10 | 5 | ✓ |
| 9+00 | 97 | 13 | 45 | ✓ |
| ----- | | | | |
| 9+50 | 21 | 9 | 5 | ✓ |
| 10+00 | 7 | 4 | 10 | ✓ |
| 10+50 | 8 | 6 | 5 | ✓ |
| 11+00 | 19 | 5 | 5 | ✓ |
| L4N11+50W | 6 | 3 | 5 | ✓ |

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TELEX: 04-352828

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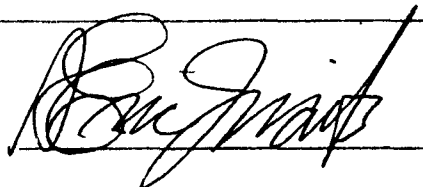
COMPANY WELCOME NORTH MINES
 ATTENTION ANDY SCHMIDT

FILE NO 3-1394
 DATE FEB. 28/84

We hereby certify that the following are the results of the geochemical analysis made on 29 samples submitted.

| SAMPLE NUMBER | CU PPM | AS PPM | AU PPB | |
|---------------|-----------|--------|--------|---|
| L4N12+00W | 9 | 4 | 10 | ✓ |
| 12+50 | 7 | 4 | 45 | ✓ |
| 13+00 | 9 | 6 | 5 | ✓ |
| 13+50 | 19 | 8 | 15 | ✓ |
| 14+00 | 10 | 4 | 5 | ✓ |
| 14+50 | 3 | 5 | 5 | ✓ |
| 15+00 | 26 | 7 | 45 | ✓ |
| 15+50 | 15 | 7 | 5 | ✓ |
| 16+00 | 41 | 6 | 5 | ✓ |
| 16+50 | NO SAMPLE | | | ✓ |
| 17+00 | 16 | 4 | 5 | ✓ |
| 17+50 | 9 | 6 | 45 | ✓ |
| 18+00 | 22 | 3 | 5 | ✓ |
| 18+50 | 10 | 2 | 10 | ✓ |
| 19+00 | 21 | 4 | 5 | ✓ |
| 19+50 | 23 | 5 | 10 | ✓ |
| L4N20+00W | 12 | 1 | 5 | ✓ |
| L6N0+00W | 10 | 5 | 5 | ✓ |
| 0+50 | 17 | 8 | 5 | ✓ |
| 1+00 | 6 | 4 | 10 | ✓ |
| 1+50 | 4 | 5 | 5 | ✓ |
| 2+00 | 5 | 5 | 5 | ✓ |
| 2+50 | 12 | 4 | 45 | ✓ |
| 3+00 | 39 | 6 | 45 | ✓ |
| 3+50 | 17 | 7 | 5 | ✓ |
| 4+00 | 37 | 9 | 5 | ✓ |
| 4+50 | 13 | 6 | 5 | ✓ |
| 5+00 | 8 | 6 | 10 | ✓ |
| 5+50 | 3 | 5 | 10 | ✓ |
| * L6N6+00W | 225 | 15 | 5 | ✓ |

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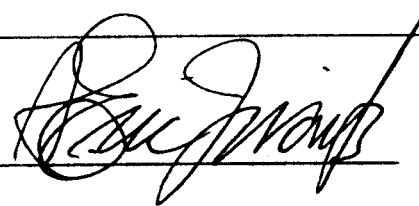
COMPANY WELCOME NORTH MINES
 ATTENTION ANDY SCHMIDT

FILE NO 3-1394
 DATE FEB. 28/84

We hereby certify that the following are the results of the geochemical analysis made on 28 samples submitted.

| SAMPLE NUMBER | CU PPM | AS PPM | AU PPB | |
|---------------|-----------|--------|--------|---|
| L6N6+50W | 27 | 15 | 5 | ✓ |
| 7+00 | 3 | 8 | 5 | ✓ |
| 7+50 | 4 | 9 | 5 | ✓ |
| 8+00 | 3 | 5 | 10 | ✓ |
| 8+50 | 2 | 7 | 5 | ✓ |
| 9+00 | 6 | 6 | 5 | ✓ |
| 9+50 | NO SAMPLE | | | ✓ |
| 10+00 | NO SAMPLE | | | ✓ |
| 10+50 | 18 | 5 | 5 | ✓ |
| 11+00 | 10 | 4 | 15 | ✓ |
| 11+50 | 17 | 6 | 10 | ✓ |
| * 12+00 | 153 | 25 | 10 | ✓ |
| 12+50 | 10 | 5 | 5 | ✓ |
| 13+00 | 22 | 5 | 5 | ✓ |
| 13+50 | 2 | 3 | 10 | ✓ |
| 14+00 | 1 | 4 | 10 | ✓ |
| 14+50 | 5 | 9 | 5 | ✓ |
| 15+00 | 16 | 8 | 5 | ✓ |
| 15+50 | 30 | 3 | 5 | ✓ |
| 16+00 | 32 | 6 | 5 | ✓ |
| 16+50 | 23 | 7 | 10 | ✓ |
| 17+00 | 9 | 5 | 5 | ✓ |
| 17+50 | 45 | 7 | 5 | ✓ |
| 18+00 | 13 | 5 | 5 | ✓ |
| 18+50 | 11 | 7 | 5 | ✓ |
| 19+00 | 35 | 5 | 5 | ✓ |
| L6N20+00W | 97 | 6 | 5 | ✓ |
| LSN0+00W | 63 | 4 | 5 | ✓ |
| 0+50 | 16 | 7 | 5 | ✓ |
| LSN1+00W | 13 | 5 | 5 | ✓ |

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

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

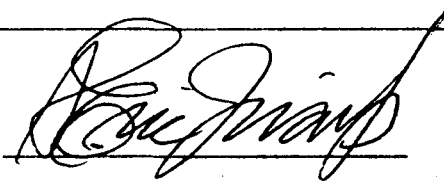
COMPANY WELCOME NORTH MINES
ATTENTION ANDY SCHMIDT

FILE NO 3-1394
DATE FEB. 28/84

We hereby certify that the following are the results of the geochemical analysis made on 26 samples submitted.

| SAMPLE NUMBER | CU PPM | AS PPM | AU PPB | |
|---------------|-----------|--------|--------|---|
| LBN1+50W | 6 | 5 | 5 | ✓ |
| 2+00 | 9 | 8 | <5 | ✓ |
| 2+50 | 12 | 6 | 5 | ✓ |
| 3+00 | 25 | 10 | 5 | ✓ |
| 3+50 | 27 | 9 | 10 | ✓ |
| 4+00 | 8 | 8 | 10 | ✓ |
| 4+50 | 32 | 6 | 5 | ✓ |
| 5+00 | 13 | 4 | 5 | ✓ |
| 5+50 | 10 | 9 | 10 | ✓ |
| 6+00 | 5 | 7 | 5 | ✓ |
| 6+50 | 8 | 5 | 5 | ✓ |
| 7+00 | 33 | 5 | 10 | ✓ |
| 7+50 | NO SAMPLE | | | ✓ |
| 8+00 | 20 | 6 | 15 | ✓ |
| 8+50 | 14 | 6 | 5 | ✓ |
| 9+00 | 3 | 6 | 5 | ✓ |
| 9+50 | NO SAMPLE | | | |
| 10+00 | NO SAMPLE | | | ✓ |
| 10+50 | NO SAMPLE | | | |
| 11+00 | 12 | 8 | 10 | ✓ |
| 11+50 | 7 | 8 | 5 | ✓ |
| 12+00 | 18 | 6 | 5 | ✓ |
| 12+50 | 5 | 6 | 5 | ✓ |
| 13+00 | 13 | 7 | 20 | ✓ |
| 13+50 | 183 | 19 | 5 | ✓ |
| 14+00 | 33 | 10 | 10 | ✓ |
| 14+50 | 34 | 10 | 5 | ✓ |
| 15+00 | 7 | 6 | 10 | ✓ |
| 15+50 | 5 | 4 | 5 | ✓ |
| LBN16+00W | 7 | 4 | <5 | ✓ |

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 705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604)980-5314 OR (604)988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

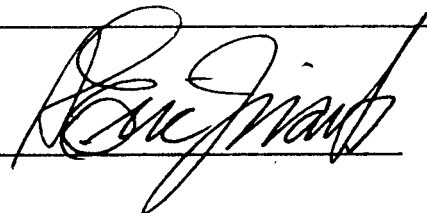
COMPANY WELCOME NORTH MINES
ATTENTION ANDY SCHMIDT

FILE NO 3-1394
DATE FEB. 28/84

We hereby certify that the following are the results of the geochemical analysis made on 21 samples submitted.

| SAMPLE NUMBER | CU PPM | AS PPM | AU PPB | |
|---------------|-----------|--------|--------|---|
| ----- | | | | |
| LBN16+50W | NO SAMPLE | | | ✓ |
| 17+00 | 11 | 9 | 5 | ✓ |
| 17+50 | 6 | 6 | 5 | ✓ |
| 18+00 | 10 | 4 | <5 | ✓ |
| 18+50 | 17 | 4 | 10 | ✓ |
| ----- | | | | |
| 19+00 | 24 | 4 | 5 | ✓ |
| 19+50 | 112 | 6 | 5 | ✓ |
| LBN20+00W | 37 | 2 | 5 | ✓ |
| L10N0+00W | 38 | 10 | 10 | ✓ |
| 0+50 | 18 | 4 | 5 | ✓ |
| ----- | | | | |
| 1+00 | 19 | 6 | 5 | ✓ |
| 1+50 | 19 | 6 | <5 | ✓ |
| 2+00 | 7 | 2 | 5 | ✓ |
| 2+50 | 6 | 4 | 5 | ✓ |
| 3+00 | 14 | 3 | 10 | ✓ |
| ----- | | | | |
| 3+50 | 12 | 4 | 5 | ✓ |
| 4+00 | 17 | 8 | 5 | ✓ |
| 4+50 | 15 | 6 | 10 | ✓ |
| 5+00 | 14 | 4 | 5 | ✓ |
| 5+50 | 82 | 35 | 5 | ✓ |
| ----- | | | | |
| 6+00 | 7 | 4 | 10 | ✓ |
| 6+50 | 6 | 8 | 5 | ✓ |
| 7+00 | NO SAMPLE | | | |
| 7+50 | NO SAMPLE | | | |
| 8+00 | NO SAMPLE | | | ✓ |
| ----- | | | | |
| 8+50 | NO SAMPLE | | | |
| 9+00 | NO SAMPLE | | | |
| 9+50 | NO SAMPLE | | | ✓ |
| 10+00 | NO SAMPLE | | | |
| L10N10+50W | NO SAMPLE | | | |

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TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

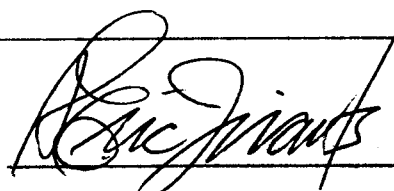
COMPANY WELCOME NORTH MINES
ATTENTION ANDY SCHMIDT

FILE NO 3-1394
DATE MARCH 1/84

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

| SAMPLE NUMBER | CU PPM | AS PPM | AU PPB | |
|---------------|-----------|--------|--------|---|
| L10N11+00W | NO SAMPLE | | | ✓ |
| 11+50 | 18 | 4 | 5 | ✓ |
| 12+00 | NO SAMPLE | | | |
| 12+50 | NO SAMPLE | | | ✓ |
| 13+00 | NO SAMPLE | | | |
| 13+50 | 17 | 2 | 5 | ✓ |
| 14+00 | 21 | 12 | 10 | ✓ |
| 14+50 | 5 | 2 | 5 | ✓ |
| 15+00 | 20 | 9 | 5 | ✓ |
| 15+50 | 65 | 7 | 5 | ✓ |
| 16+00 | NO SAMPLE | | | |
| 16+50 | NO SAMPLE | | | |
| 17+00 | NO SAMPLE | | | ✓ |
| 17+50 | NO SAMPLE | | | |
| 18+00 | NO SAMPLE | | | |
| 18+50 | 8 | 4 | 10 | ✓ |
| 19+00 | 6 | 2 | 5 | ✓ |
| 19+50 | 240 | 7 | 5 | ✓ |
| L10N20+00W | 720 | 19 | 5 | ✓ |
| L12N0+00W | 19 | 2 | 10 | ✓ |
| 0+50 | 14 | 4 | 5 | ✓ |
| 1+00 | 18 | 4 | 5 | ✓ |
| 1+50 | 15 | 4 | 5 | ✓ |
| 2+00 | 24 | 3 | 5 | ✓ |
| 2+50 | 7 | 6 | 5 | ✓ |
| 3+00 | 8 | 3 | 5 | ✓ |
| 3+50 | 4 | 4 | 5 | ✓ |
| 4+00 | 4 | 4 | 5 | ✓ |
| 4+50 | 5 | 5 | 5 | ✓ |
| L12N5+00W | 24 | 5 | 5 | ✓ |

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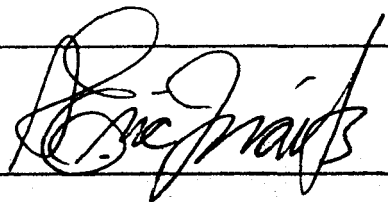
COMPANY WELCOME NORTH MINES
ATTENTION ANDY SCHMIDT

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DATE MARCH 1/84

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| SAMPLE NUMBER | CU PPM | AS PPM | AU PPB | |
|---------------|-----------|--------|--------|---|
| L12N5+50W | NO SAMPLE | | | |
| 6+00 | NO SAMPLE | | | ✓ |
| 6+50 | NO SAMPLE | | | |
| 7+00 | 11 | 5 | 5 | ✓ |
| 7+50 | 3 | 8 | 5 | ✓ |
| 8+00 | NO SAMPLE | | | |
| 8+50 | NO SAMPLE | | | |
| 9+00 | NO SAMPLE | | | ✓ |
| 9+50 | NO SAMPLE | | | |
| 10+00 | 5 | 5 | 15 | ✓ |
| 10+20 | 22 | 5 | 5 | |
| 10+70 | 12 | 4 | 5 | ✓ |
| 11+00 | 17 | 3 | <5 | ✓ |
| 11+50 | 30 | 3 | 5 | ✓ |
| 12+00 | NO SAMPLE | | | ✓ |
| 12+50 | NO SAMPLE | | | ✓ |
| 13+00 | NO SAMPLE | | | ✓ |
| 13+50 | 7 | 4 | 5 | ✓ |
| 14+00 | 2 | 4 | 10 | ✓ |
| 14+50 | NO SAMPLE | | | ✓ |
| 15+00 | NO SAMPLE | | | ✓ |
| 15+50 | NO SAMPLE | | | |
| 16+00 | 18 | 4 | 15 | ✓ |
| 16+50 | NO SAMPLE | | | ✓ |
| 17+00 | 13 | 4 | 5 | ✓ |
| 17+50 | 3 | 5 | 5 | ✓ |
| 18+00 | 19 | 6 | 10 | ✓ |
| 18+50 | 4 | 8 | 5 | ✓ |
| 19+00 | 5 | 1 | 5 | ✓ |
| L12N19+50W | 23 | 4 | 5 | ✓ |

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TELEX: 04-352828


GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY WELCOME NORTH MINES
ATTENTION ANDY SCHMIDT

FILE NO 3-1394
DATE MARCH 1/84

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| SAMPLE NUMBER | CU FPM | AG PPM | AU PPB | |
|---------------|-----------|--------|--------|---|
| L12N20+00W | 10 | 4 | 10 | ✓ |
| L14N0+00W | 20 | 3 | 5 | ✓ |
| 0+50 | 28 | 1 | 10 | ✓ |
| 1+00 | 32 | <1 | 5 | ✓ |
| 1+50 | NO SAMPLE | | | ✓ |
| 2+00 | 4 | 1 | 5 | ✓ |
| 2+50 | 10 | 1 | 10 | ✓ |
| 3+00 | 23 | 4 | 5 | ✓ |
| 3+50 | NO SAMPLE | | | ✓ |
| 4+00 | NO SAMPLE | | | ✓ |
| 4+50 | NO SAMPLE | | | |
| 5+00 | NO SAMPLE | | | |
| 5+50 | NO SAMPLE | | | ✓ |
| 6+00 | NO SAMPLE | | | |
| 6+50 | NO SAMPLE | | | |
| 7+00 | 10 | 4 | 5 | ✓ |
| 7+50 | 10 | 4 | 10 | ✓ |
| 8+00 | 7 | 5 | 5 | ✓ |
| 8+50 | NO SAMPLE | | | ✓ |
| 9+00 | NO SAMPLE | | | ✓ |
| 9+50 | 16 | 6 | 5 | ✓ |
| 10+00 | 8 | 2 | <5 | ✓ |
| 10+50 | NO SAMPLE | | | |
| 11+00 | NO SAMPLE | | | ✓ |
| 11+50 | NO SAMPLE | | | |
| 12+00 | 17 | 5 | 10 | ✓ |
| 12+50 | 7 | 4 | 5 | ✓ |
| 13+00 | 6 | 2 | 5 | ✓ |
| 13+50 | 17 | 5 | 15 | ✓ |
| L14N14+00W | NO SAMPLE | | | ✓ |

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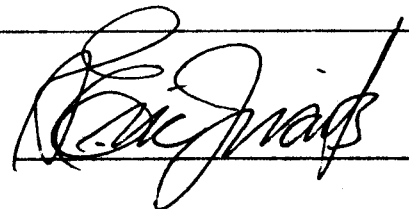
COMPANY WELCOME NORTH MINES
ATTENTION ANDY SCHMIDT

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DATE MARCH 1/84

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

| SAMPLE NUMBER | CU PPM | AS PPM | AU PPB | |
|---------------|-----------|--------|--------|---|
| L14N14+50W | 83 | 3 | 5 | ✓ |
| 15+00 | NO SAMPLE | | | ✓ |
| 15+50 | 29 | 2 | 10 | ✓ |
| 16+00 | 32 | 5 | 5 | ✓ |
| 16+50 | 10 | 4 | 5 | ✓ |
| 17+00 | 17 | 3 | 5 | ✓ |
| 17+50 | 18 | 6 | 10 | ✓ |
| 18+00 | 14 | 3 | 5 | ✓ |
| 18+50 | 6 | 4 | 5 | ✓ |
| 19+00 | 61 | 4 | 5 | ✓ |
| 19+50 | 93 | 7 | 5 | ✓ |
| L14N20+00W | 86 | 2 | 5 | ✓ |
| L16N0+00W | 4 | 5 | 5 | ✓ |
| 0+50 | 22 | 5 | 10 | ✓ |
| 1+00 | 3 | 2 | 5 | ✓ |
| 1+50 | 17 | 3 | 10 | ✓ |
| 2+00 | 14 | 8 | 5 | ✓ |
| 2+50 | 9 | 5 | 5 | ✓ |
| 3+00 | 10 | 3 | 5 | ✓ |
| 3+50 | 22 | 9 | 5 | ✓ |
| 4+00 | 8 | 5 | 5 | ✓ |
| 4+50 | 14 | 5 | 5 | ✓ |
| 5+00 | 7 | 3 | 10 | ✓ |
| 5+50 | 12 | 12 | 10 | ✓ |
| 6+00 | 8 | 3 | 5 | ✓ |
| 6+50 | 4 | 4 | 5 | ✓ |
| 7+00 | NO SAMPLE | | | |
| 7+50 | NO SAMPLE | | | |
| 8+00 | NO SAMPLE | | | ✓ |
| L16N8+50W | NO SAMPLE | | | |

Certified by



MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604)980-5914 OR (604)988-4524

TELEX: 04-352829


GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY WELCOME NORTH MINES
ATTENTION ANDY SCHMIDT

FILE NO 3-1394
DATE MARCH 1/84

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

| SAMPLE NUMBER | CU PPM | AS PPM | AU PPB | |
|---------------|-----------|--------|--------|---|
| L16N9+00W | NO SAMPLE | | | |
| 9+50 | NO SAMPLE | | | |
| 10+00 | NO SAMPLE | | | ✓ |
| 10+50 | NO SAMPLE | | | |
| 11+00 | NO SAMPLE | | | |
| 11+50 | NO SAMPLE | | | |
| 12+00 | 18 | 5 | 5 | ✓ |
| 12+50 | NO SAMPLE | | | ✓ |
| 13+00 | 11 | 4 | 5 | ✓ |
| 13+50 | 24 | 6 | 5 | ✓ |
| 14+00 | 58 | 7 | 10 | ✓ |
| 14+50 | NO SAMPLE | | | ✓ |
| 15+00 | NO SAMPLE | | | ✓ |
| 15+50 | 13 | 7 | 15 | ✓ |
| 16+00 | 101 | 5 | 5 | ✓ |
| 16+50 | 6 | 4 | <5 | ✓ |
| 17+00 | 6 | 5 | 5 | ✓ |
| 17+50 | 43 | 7 | 10 | ✓ |
| 18+00 | 22 | 5 | 10 | ✓ |
| 18+50 | 40 | 6 | 5 | ✓ |
| 19+00 | 12 | 4 | 10 | ✓ |
| 19+50 | 15 | 8 | <5 | ✓ |
| L16N20+00W | 98 | 7 | 5 | ✓ |
| L18N0+00W | NO SAMPLE | | | ✓ |
| 0+50 | 21 | 8 | 5 | ✓ |
| 1+00 | 117 | 26 | 15 | ✓ |
| 1+50 | 8 | 8 | 5 | ✓ |
| 2+00 | NO SAMPLE | | | ✓ |
| 2+50 | 18 | 9 | 10 | ✓ |
| L18N3+00W | 30 | 10 | 5 | ✓ |

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PHONE: (604) 980-5914 OR (604) 988-4524

TELEX: 04-35292B

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY WELCOME NORTH MINES
 ATTENTION ANDY SCHMIDT

FILE NO 3-1394
 DATE MARCH 1/84

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

| SAMPLE NUMBER | CU PPM | AS PPM | AU PPB | |
|---------------|-----------|--------|--------|---|
| L20N2+00W | 26 | 6 | 10 | ✓ |
| 2+50 | 6 | 6 | 5 | ✓ |
| 3+00 | 6 | 4 | 15 | ✓ |
| 3+50 | 6 | 5 | 5 | ✓ |
| 4+00 | 28 | 6 | 5 | ✓ |
| ----- | | | | |
| 4+50 | NO SAMPLE | | | ✓ |
| 5+00 | 14 | 4 | 5 | ✓ |
| 5+50 | 13 | 5 | 5 | ✓ |
| 6+00 | 15 | 4 | 5 | ✓ |
| 6+50 | 25 | 4 | 5 | ✓ |
| ----- | | | | |
| 7+00 | NO SAMPLE | | | ✓ |
| 9+00 | NO SAMPLE | | | ✓ |
| 9+50 | NO SAMPLE | | | ✓ |
| 10+00 | 63 | 31 | 15 | ✓ |
| 10+50 | NO SAMPLE | | | ✓ |
| ----- | | | | |
| 11+00 | 8 | 6 | 5 | ✓ |
| 11+50 | 15 | 4 | 5 | ✓ |
| 12+00 | 9 | <1 | 5 | ✓ |
| 12+50 | 4 | 4 | 5 | ✓ |
| 13+00 | 79 | 10 | 5 | ✓ |
| ----- | | | | |
| 13+50 | 32 | 9 | <5 | ✓ |
| 14+00 | 5 | 8 | 5 | ✓ |
| 14+50 | 51 | 11 | 5 | ✓ |
| 15+00 | 13 | 8 | 5 | ✓ |
| 15+50 | 6 | 4 | 5 | ✓ |
| ----- | | | | |
| 16+00 | 2 | 5 | 5 | ✓ |
| 16+50 | 93 | 9 | 5 | ✓ |
| 17+00 | 37 | 8 | 5 | ✓ |
| 17+50 | NO SAMPLE | | | ✓ |
| L20N18+00W | 22 | 6 | 5 | ✓ |

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TELEX: 04-35282B

GEOCHEMICAL ANALYSIS CERTIFICATE

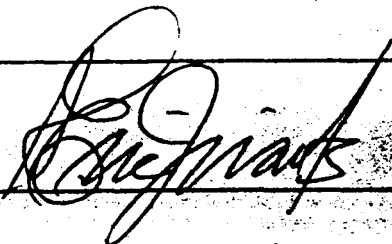
COMPANY WELCOME NORTH MINES
ATTENTION ANDY SCHMIDT

FILE NO 3-1394
DATE MARCH 1/84

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

| SAMPLE NUMBER | CU PPM | AS PPM | AU PPB |
|---------------|-----------|--------|--------|
| L20N18+50W | 79 | 14 | 5 ✓ |
| 19+00 | 15 | 4 | 10 ✓ |
| 19+50 | 13 | 6 | 5 ✓ |
| L20N20+00W | 33 | 8 | 5 ✓ |
| L22N0+00W | 6 | 6 | 10 ✓ |
| 0+50 | 8 | 5 | 5 ✓ |
| 1+00 | 2 | 6 | 5 ✓ |
| 1+50 | 17 | 8 | 5 ✓ |
| 2+00 | NO SAMPLE | | ✓ |
| 2+50 | 14 | 4 | 5 ✓ |
| 3+00 | NO SAMPLE | | ✓ |
| 3+50 | 6 | 4 | 5 ✓ |
| 4+00 | 10 | 5 | 10 ✓ |
| 4+50 | 6 | 2 | 10 ✓ |
| 5+00 | 2 | 3 | 30 ✓ |
| 5+50 | NO SAMPLE | | ✓ |
| 6+00 | NO SAMPLE | | ✓ |
| 6+50 | NO SAMPLE | | ✓ |
| 7+00 | 20 | 34 | 5 ✓ |
| 7+50 | 22 | 20 | 5 ✓ |
| 8+00 | NO SAMPLE | | ✓ |
| 8+50 | 3 | 7 | 5 ✓ |
| 9+00 | 25 | 6 | 5 ✓ |
| 9+50 | NO SAMPLE | | ✓ |
| 10+00 | 5 | 2 | 5 ✓ |
| 10+50 | 9 | 6 | 10 ✓ |
| 11+00 | 30 | 9 | 5 ✓ |
| 11+50 | 24 | 10 | 5 ✓ |
| 12+00 | 5 | 13 | 5 ✓ |
| L22N12+50W | 15 | 16 | 5 ✓ |

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TELEX: 04-352828

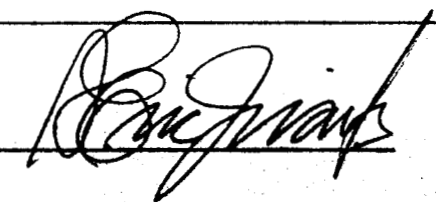
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COMPANY WELCOME NORTH MINES
ATTENTION ANDY SCHMIDT

FILE NO 3-1394
DATE MARCH 1/84

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

| SAMPLE NUMBER | CU PPM | AS PPM | AU PPB |
|---------------|-----------|--------|--------|
| L22N13+00W | 12 | 1 | 5 ✓ |
| 13+50 | 17 | 2 | 5 ✓ |
| 14+00 | 10 | <1 | 5 ✓ |
| 14+50 | 8 | <1 | 5 ✓ |
| 15+00 | 10 | 2 | 5 ✓ |
| 15+50 | 5 | 2 | 5 ✓ |
| 16+00 | 17 | 6 | 5 ✓ |
| 16+50 | 26 | 17 | 5 ✓ |
| 17+00 | 68 | 3 | 10 ✓ |
| 17+50 | 50 | 3 | 5 ✓ |
| 18+00 | 11 | <1 | 5 ✓ |
| 18+50 | 4 | <1 | 5 ✓ |
| 19+00 | 62 | 5 | 5 ✓ |
| 19+50 | 51 | 4 | 10 ✓ |
| L22N20+00W | 26 | 2 | 5 ✓ |
| L24N0+00W | 12 | 1 | 5 ✓ |
| 0+50 | 6 | 2 | 5 ✓ |
| 1+00 | 3 | 1 | 5 ✓ |
| 1+50 | 8 | <1 | 5 ✓ |
| 2+00 | 38 | 2 | 10 ✓ |
| 2+50 | 2 | <1 | 5 ✓ |
| 3+00 | 4 | <1 | 5 ✓ |
| 3+50 | NO SAMPLE | | ✓ |
| 4+00 | NO SAMPLE | | |
| 4+50 | 164 | 16 | 5 ✓ |
| 5+00 | 14 | 1 | 10 ✓ |
| 5+50 | 82 | 26 | 20 ✓ |
| 6+00 | NO SAMPLE | | ✓ |
| 6+50 | 14 | 8 | 5 ✓ |
| L24N7+00W | 17 | 22 | 5 ✓ |

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TELEX: 04-352828

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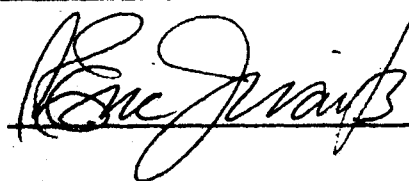
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ATTENTION ANDY SCHMIDT

FILE NO 3-1394
DATE MARCH 1/84

We hereby certify that the following are the results of the geochemical analysis made on 27 samples submitted.

| SAMPLE NUMBER | CU PPM | AS PPM | AU PPB |
|---------------|-----------|--------|--------|
| L24N7+50W | 21 | 13 | 10 ✓ |
| 8+00 | 32 | 11 | 5 ✓ |
| 8+50 | 15 | 2 | 5 ✓ |
| 9+00 | NO SAMPLE | | ✓ |
| 9+50 | 3 | 6 | 5 ✓ |
| 10+00 | 11 | 24 | 5 ✓ |
| 10+50 | 19 | 1 | 5 ✓ |
| 11+00 | 6 | 5 | <5 ✓ |
| 11+50 | 6 | 10 | 5 ✓ |
| 12+00 | 16 | 10 | 5 ✓ |
| 12+50 | 30 | 7 | <5 ✓ |
| 13+00 | 29 | <1 | 5 ✓ |
| 13+50 | 13 | 9 | 5 ✓ |
| 14+00 | 36 | 16 | 5 ✓ |
| 14+50 | 31 | 8 | 5 ✓ |
| 15+00 | 14 | 9 | 5 ✓ |
| 15+50 | 20 | 1 | 5 ✓ |
| 16+00 | 9 | 5 | 5 ✓ |
| 16+50 | 13 | 5 | 5 ✓ |
| 17+00 | 15 | 8 | 5 ✓ |
| 17+50 | 10 | 7 | 5 ✓ |
| 18+50 | 44 | 4 | 5 ✓ |
| 19+00 | 15 | 6 | <5 ✓ |
| 19+50 | 37 | 4 | 5 ✓ |
| L24N20+00W | 6 | 3 | 5 ✓ |
| L24N18+00W | 14 | 3 | 5 ✓ |
| L6N19+50W | 53 | 5 | 5 ✓ |

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APPENDIX B - Geochemical Analytical Methods

*MIN-EN Laboratories Ltd.**Specialists in Mineral Environments*Corner 15th Street and Bewicke
705 WEST 15th STREET
NORTH VANCOUVER, B.C.
CANADAANALYTICAL PROCEDURE REPORTS FOR ASSESSMENT WORKPROCEDURES FOR Mo, Cu, Cd, Pb, Mn, Ni, Ag, Zn, As, F

Samples are processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by a jaw crusher and pulverized by ceramic plated pulverizer.

1.0 gram of the samples are digested for 6 hours with HNO_3 and HClO_4 mixture.

After cooling samples are diluted to standard volume. The solutions are analyzed by Atomic Absorption Spectrophotometers.

Copper, Lead, Zinc, Silver, Cadmium, Cobalt, Nickel and Manganese are analysed using the CH_2H_2 -Air flame combination but the Molybdenum determination is carried out by C_2H_2 - N_2O gas mixture directly or indirectly (depending on the sensitivity and detection limit required) on these sample solutions.

For Arsenic analysis a suitable aliquote is taken from the above 1 gram sample solution and the test is carried out by Gutzeit method using $\text{Ag}^+ \text{CS}_2\text{N} (\text{C}_2\text{H}_5)_2$ as a reagent. The detection limit obtained is 1. ppm.

Fluorine analysis is carried out on a 200 milligram sample. After fusion and suitable dilutions the fluoride ion concentration in rocks or soil samples are measured quantitatively by using fluorine specific ion electrode. Detection limit of this test is 10 ppm F.

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

Corner 15th Street and Bewicke
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

Geochemical samples for Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 5.0 or 10.0 grams are pretreated with HNO_3 and HClO_4 mixture.

After pretreatments the samples are digested with Acqua Regia solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 0.005 ppm (5ppb).

SOUTH BOUNDARY TO-1 CLAIM



JAMBOREE 10

JAMBOREE 11

SWAMP CLAIM

ELBOW 1

ELBOW 2

BASSETT CREEK #1

McKEE LAKE

ELBOW LAKE

BASSETT CREEK #2

BASSETT CREEK #3

LEGEND

- 15, 22 Sample Location B Au(ppb), As(ppm), Cu(ppm)
- 63 Assay Results
- LCP Legal Corner Post
- ANOMALOUS VALUES (Soils)
 - Au > 15ppb
 - As > 20 ppm
 - Cu > 75 ppm

GEOLOGICAL BRANCH ASSESSMENT REPORT

12,067

To accompany Geochemical Assessment Report on the McKee Lake Properties, by A.J. Schmitt P.Eng., March 7, 1984

SCALE 0 100 200 300 400 500 METRES

MT. CALVERY RESOURCES LTD
McKEE LAKE GOLD PROSPECT
CARIBOO M.D.
NTS 93A/287

GEOCHEMICAL SOIL SURVEY

Date: Nov 1983 AJS Figure 3

