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FILE NO:

Prospecting Report

on the

Corrie and Corrie 3 Claims

Liard Mining Division British Columbia

North Lat. 570 25' West Long. 1310 31' NTS 104G/5

.Prepared for.

CASCADE INVESTMENTS J.V. 907 - 510 Burrard Street Vancouver, B.C. V6C 3A8

.Prepared by.

BOA SERVICES LTD. P.O. BOX 11569 1410 - 650 West Georgia Street Vancouver, B.C. V6B 4N8

71

September 26, 1991

Paul P.L. Chung, F.G.A.C. Consulting Geologist

GEOLOGICAL BRANCH ASSESSMENT REPORT

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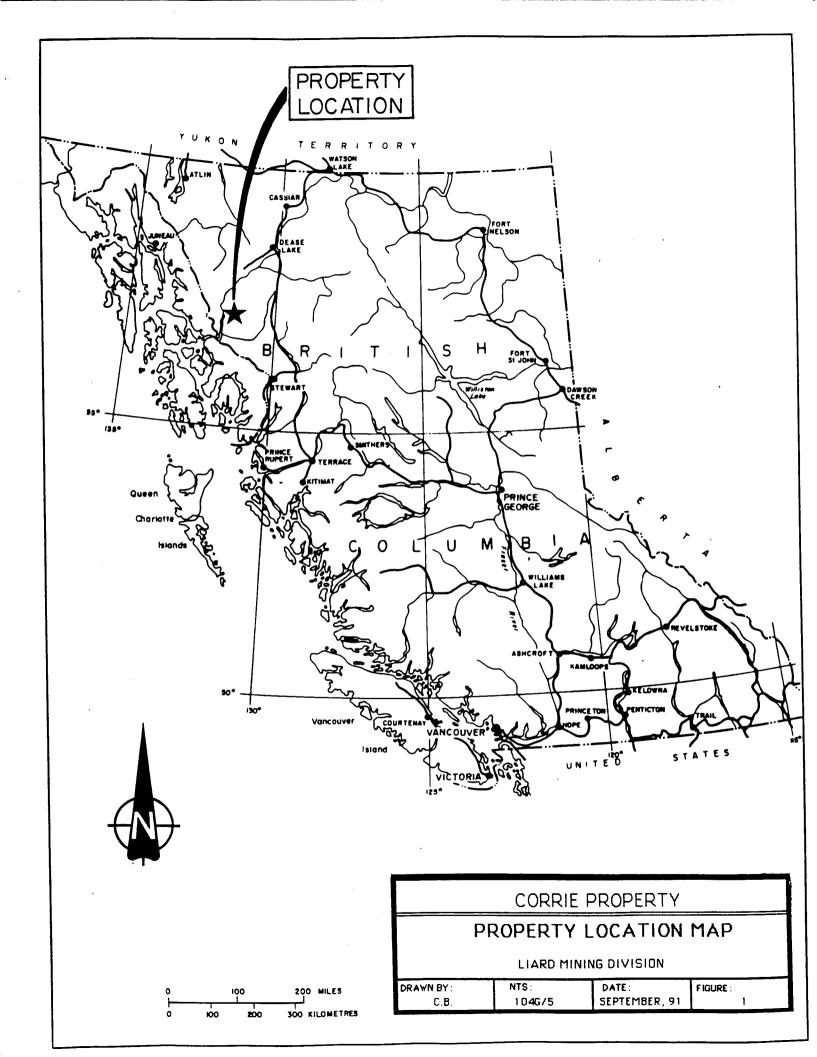
#### INTRODUCTION

The Corrie and Corrie 3 claims (Corrie Property) are owned by Cascade Investments J.V. of Vancouver. The property is located in the Liard Mining Division, northwestern British Columbia. This report describes the exploration program conducted on the claims. The program, which consisted of prospecting, and a silt and rock geochemistry survey, was conducted in July and September of 1990.

## SUMMARY

The Corrie property is comprised of 2 contiguous M.G.S. mineral claims that together total 40 units in the Liard Mining Division. The claims covers the western slope of Endeavour mountain at the headwaters of the Oksa Creek drainage, approximately 80 kilometres south of Telegraph Creek in northwestern British Columbia. The geographic coordinates of the property are 57<sup>0</sup> 25' N Latitude by 131<sup>0</sup> 31' W Longitude.

Access to the property is provide by helicopter from the Scud River airstrip, approximately 23 kilometres to the southwest.



The property is underlain by a sequence of Triassic age altered volcanic and sedimentary rocks intruded by an Eocene age granite at the southwestern portion of the property and in fault contact with a Jurassic age quartz monzonite and granodiorite in the northeastern portion of the property. The stratified rocks generally trend northwesterly and dip steeply to the east. Metamorphic grade in the area appears to have reached the chloritesericite-pyrite assemblage of the greenschist facies.

A program of prospecting and sampling was conducted on the property between July and September of 1990 to assess the potential of the claims. During this program, 26 rock samples and 1 silt samples were collected.

The 1990 work program discovered skarn type mineralization towards the southern portion of the claim close to where the Eocene intrusion is mapped. Samples taken of this mineralization have returned some very encouraging results.

#### LOCATION, ACCESS AND PHYSIOGRAPHY

The Corrie property is located within the Coast Range Mountains approximately 180 kilometres northwest of Stewart and 65 kilometres southwest of Telegraph Creek, in northwestern British Columbia (Figure 1). The claims lie within the Liard Mining Division and the geographical coordinates for the centre of the property are 570 25' North Latitude and 1310 31' West Longitude.

Access to the property is provided by helicopter from the Scud River airstrip which is located approximately 23 kilometres to the southwest, or from the Galore Creek airstrip located 29 During the 1990 field season, a kilometres to the south. helicopter supported camp was established at the Scud River airstrip. Fixed-wing aircraft fly charters from Smithers, Dease Lake and Telegraph Creek to the Scud River and Galore Creek airstrips. Scheduled flights from Smithers or Vancouver to the Galore Creek airstrip and the Scud River airstrip via the Bronson Creek airstrip during the field season are available. On the Alaska side of the border, Wrangell lies approximately 100 kilometres to the southwest, and provides a full range of services and supplies, including a major commercial airport. The Stikine River has been navigated by 100-ton barges up river as far as Telegraph Creek, allowing economical transportation of heavy machinery and fuel to the Scud River airstrip.

The Corrie property is situated the headwaters of the westerly draining Oksa Creek, which flows into the Stikine River, and covers the western slope of Endeavour Mountain. Topography is steep and rugged with elevations ranging from 3000 metres to over 8000 metres above sea level at the western edge of the property. Ice fields cover much of the Corrie 3 claim and is scattered on the Corrie claim. Although the property is well above the treeline, a large portion of bedrock is covered by ice, moraines and talus.

The claims are situated at the boundary between the wet belt and the gradational belt. In this area temperatures range from -30 to +30 degrees centigrade and approximately 300 centimetres of precipitation is recorded per year, mostly in the form of snow.

#### PROPERTY AND OWNERSHIP

The Oksa Creek property is composed of 2 M.G.S. mineral claims that together total 40 units and cover approximately 1000 hectares. The claims are situated in the Liard Mining Division, British Columbia.

The configuration of the claims is shown in Figure 2. The claims are presently owned by the Cascade Investments J.V., held in trust by Joseph Tarnowski.

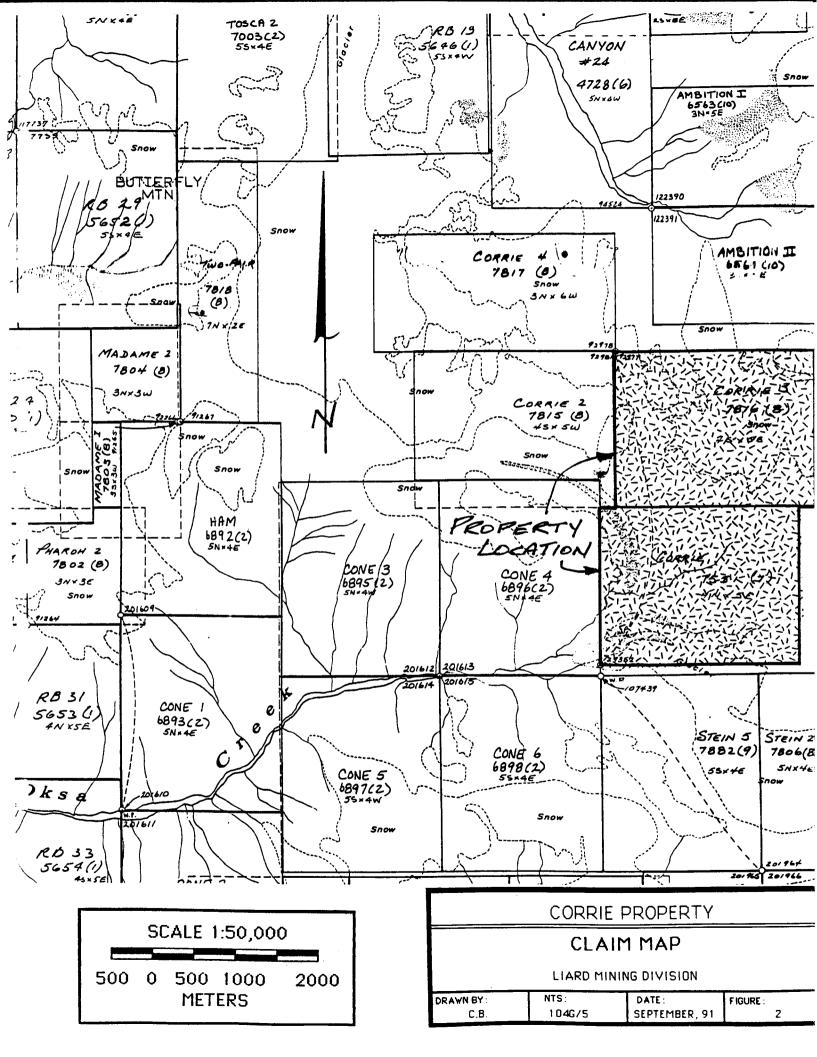
The following table summarizes the pertinent claim data.

| <u>Claim</u> | Rec. No | <u>Unit</u> | <u>Rec. Date</u> |
|--------------|---------|-------------|------------------|
| Corrie       | 7551    | 20          | July 9, 1990     |
| Corrie 3     | 7816    | 20          | August 19, 1990  |

#### HISTORY

The property itself has no known exploration history before 1989 but the area first received exploration activity some time prior to 1914, when Dixon and Bodel staked claims on the Devil's Elbow properties, where the Stikine Mining Company did work for a couple of years. The first systematic mineral exploration in the area occurred in the 1950's following the discovery of the Galore Creek deposit. This early exploration was initiated by Kennco Copper and their search was directed towards finding large tonnage porphyry copper deposits similar to Galore Creek.

In 1981, Teck Explorations Limited prospected the Oksa Creek drainage area after hearing rumours from prospectors of a high grade gold bearing quartz vein. Their efforts uncovered a 0.6



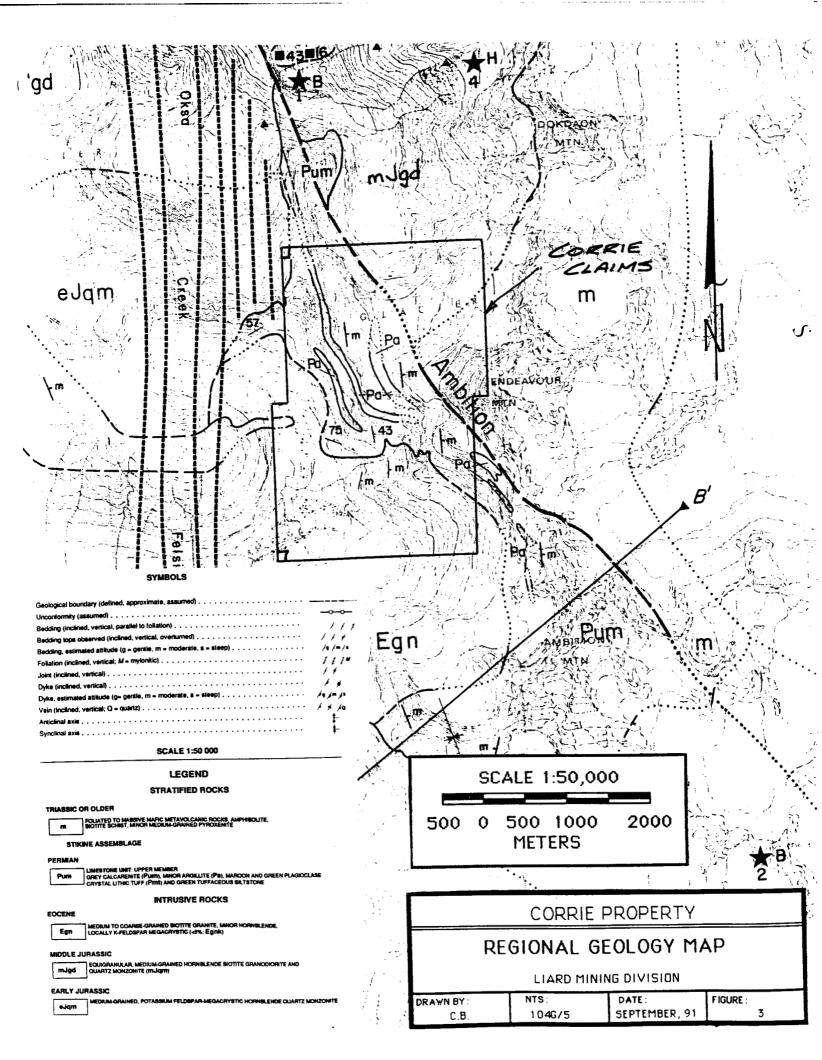
metre wide quartz vein which returned assays up to 0.42 oz/ton gold and 2.12 oz/ton silver. This vein is covered by the present Oksa Gold claims which is situated 10 kilometres west of the Corrie claims.

#### **REGIONAL GEOLOGY**

The Galore Creek area lies on the western margin of the Intermontane Belt within the Stikine Arch, near its contact with the Coast Plutonic Complex (Figure 3).

The Corrie claims is underlain by part of the Stikine Assemblage (Monger 1977), composed of Permian and older strata, which trends in a northwesterly belt right through the middle of the property.

Gunning (1990) divides the sequence into two parts, a lower of Permian or older strata composed of tuff, argillite and siltstone and an upper of thick Permian limestone and minor chert. This sequence is bounded to the north by the northwest trending Ambition Fault which brings the Permian strata in contact with Triassic volcanics and a middle Jurassic granodiorite and quartz monzonite. The southern portion of the property is underlain by a Eocene aged biotite granite.



#### **1990 WORK PROGRAM**

Between July and September 1990, Coast Mountain Geological conducted a prospecting and sampling program on the property on behalf of Cascade Investments J.V.. The program was conducted by C. Basil and D. Ridley, both experience prospectors. During the program, a total of 1 stream sediment samples and 26 rock samples were taken (Figure 4).

### Stream Sediment Survey

The stream sediment sample was taken from the active part of a creek draining the steep western slope of Endeavour Mountain. The sample were sent to Acme Laboratories in Vancouver where it was dried, sieved to minus 80 mesh and analyzed for 32 elements by ICP and gold by AA. The sample returned very prosaic results. The mundane result could be a result of the sample taken too high up in the drainage system, where there tends to be a lack of the fine sediments needed for analysis. The location and results of this sample is plotted in Figure 4.

# Prospecting and Rock Geochemistry Survey

Prospecting was concentrated around the base of a steep slope (around 3000m to 4000m) in the Corrie claim. A total of four traverses were conducted on the property. The location and area covered by these traverses are plotted on Figure 4. In the program, two main rock types were encountered. The volcanic rocks generally are green, hornblende and chlorite-altered, pyroxenebearing volcaniclastic rocks or pyroxene-feldspar andesites. The metamorphosed and altered character of the volcanics sometimes made it difficult to distinguish the original rock type. Pyrite appears to be ubiquitous within the volcanics, though generally in amounts of about 1% or less. The second main rock type encountered was a massive white to buff limestone with minor interbeds of tuff. Frequently, the limestone has been altered, and has the appearance of marble. Skarnification has occur in places and some the best assays in the program are from the skarns.

Table 1

| Sample NO. | Cu(ppm) | Pb(ppm) | Zn(ppm) | Ag(ppm) | Au(ppb) |
|------------|---------|---------|---------|---------|---------|
| 90GCOR-X10 | 1575    | 31689   | 13      | 197.1   | 12960   |
| 90GCOR-X13 | 29779   | 16      | 992     | 76.7    | 350     |
| 90GCOR-X18 | 3374    | 19      | 114     | 15.5    | 280     |

90GCOR-X10 is a sample of a felsic dyke in limestone with skarn mineralization. 90GCOR-X13 is a grab sample of a skarn, and 90GCOR-X18 is a sample of a volcanic.

A total of 26 rock samples were collected in the survey. The samples were sent to Acme Laboratories in Vancouver where they were pulverized and screened. The minus 100 mesh portions were then analyzed for 32 elements by ICP and gold by AA. The sample locations and the analytical data are plotted on Figure 4. The Certificate of Analysis and the rock sample descriptions accompanies this report as Appendix I and II respectively.

## CONCLUSIONS AND RECOMMENDATIONS

The Corrie claims are underlain by a sequence of mafic volcanics and sedimentary (limestone) rocks. This package is intruded by a Eocene intrusion to the south, and bounded by an Jurassic stock to the north. Skarnification has developed towards the southern portion of the property towards where the Eocene has been mapped (intrusives were not encountered in bedrock in the program). Samples taken from the skarns have returned some very encouraging results and further prospecting and mapping especially around the contact between the limestone and the intrusion is recommended to further evaluate the property. - 12 -

# STATEMENT OF COSTS

# Personnel

| 5.00 |
|------|
|      |
| 5.00 |
|      |

\$ 1000.00

272.15

\$

| Analysis            |           |
|---------------------|-----------|
| rock samples        |           |
| 26 @ \$10.15/sample | \$ 263.95 |
| silt samples        |           |
| 1 @ \$8.20/sample   | 8.20      |
|                     |           |

| Expenses                      |           |  |
|-------------------------------|-----------|--|
| Camp Rental                   | \$ 500.00 |  |
| Helicopter Charters           |           |  |
| 1.4 hr @ \$700/hr             | 980.00    |  |
| Project Prep                  | 100.00    |  |
| Mobilization/Demobilization   | 600.00    |  |
| Communications                | 60.00     |  |
| Equipment & Supplies          | 80.00     |  |
| Freight (80 lbs @ \$1.54/lbs) | 123.20    |  |
| Drafting                      | 200.00    |  |
| Report                        | 500.00    |  |
|                               |           |  |

\$ 3,143.20

\_\_\_\_\_\_

Respectfully submitted, BOA SERVICES LTD.

Paul P.L. Chung, F.G.A.C.

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- Gunning, M.H. (1990): Stratigraphy of the Stikine Assemblage, Scud River Area, Northwest British Columbia (104G/5,6) Geological Fieldwork 1989. Paper 1990-1.
- Kushner, W.R. (1990): 1989 Summary Report on the RB1 Property. March 28, 1990.
- Logan, J.M., Koyanagi, V.M. and Rhys, D. (1990): Geology and Mineral Occurrences of the Galore Creek Area. Geological Survey Branch. Open file 1989-8.
- Monger, J.W.H. (1977): Upper Paleozoic rocks of the Western Canadian Cordillera and their bearing on Cordilleran Evolution. C.J.E.S. Volume 14, Number 8, page 1832.

#### STATEMENT OF QUALIFICATIONS

I, Paul P.L. Chung, of the City of Richmond, Province of British Columbia, DO HEREBY CERTIFY THAT:

- I am a Consulting Geologist with business address office at Suite 1410 - 650 West Georgia Street, Vancouver, British Columbia, V6B 4N8; and president of Boa Services Ltd.
- (2) I am a graduate in geology with a Bachelor of Science degree from the University of British Columbia, in 1981.
- (3) I have practised my profession continuously since graduation.
- (4) I am a Fellow of the Geological Association of Canada.
- (5) I have conducted various mineral exploration programmes in B.C., Yukon, Manitoba, Ontario, Quebec, Nova Scotia and Nevada.
- (6) This report is based on information supplied to me by Coast Mountain Geological and on selected publications and reports.

Paul P.L. Chung, F.G.A.C.

Dated at Vancouver, British Columbia, this 26th day of September, 1991.

# APPENDIX I

# CERTIFICATE OF ANALYSIS

852 E. HASTINGS ST. VAN TVER B.C. V6A 1R6

PHONE (604) 253-3158 FAX (60 53-1/16

GEOCHEMICAL ANALYSIS CERTIFICATE

Quest Canada Exploration File # 90-5158

P.O. Box 11569 Vancouver, Vancouver BC V6B 4N8

| SAMPLE#             | Mo  | Cu   | Pb   | Zn    | Ag   | Ni  | Co  | Mn   | Fe   | As  | U   | Au  | Th  | Sr  | Cd    | Sb  | Bi  | v   | Ca          | Р    | La  | Cr  | Mg   | Ba Ti   | B   | AL   | Na       | κ 🖉   | W Au*   |
|---------------------|-----|------|------|-------|------|-----|-----|------|------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-------------|------|-----|-----|------|---------|-----|------|----------|-------|---------|
|                     | ppm | ppm  | ppm  | ppm   | ppm  | ppm | ppm | ppm  | *    | ppm | ppm | ppm | ppm | ppm | ppm   | ppm | ppm | ppm | <u>×</u>    | *    | ppm | ppm | *    | ppm 🤇 🤇 | ppm | *    | <b>X</b> | % p   | but the |
| 90C-25-F14          | 4   | 5508 | 126  | 78    | 3.0  | 29  | 8   | 682  | 2.64 | 6   | 5   | ND  | 1   | 101 | 1.4   | 74  | 2   | 39  | 3.84        | .027 | 5   | 41  | .87  | 84 .01  | 2   | 1.06 | .02      | .04   | 1 290   |
| 90C-COR-S1          | 8   | 88   | 7    | 18    | .3   | 16  | 9   | 96   | 2.70 | 20  | 5   | ND  | 1   | 149 | .4    | 4   | 2   | 54  | .94         | .043 | 4   | 36  | 1.10 | 50 .10  | 2   | 2.07 | .16      | .16   | 2 11    |
| 90F-25-K40          | 1   | 700  | 2710 | 954   | ,2.1 | 11  | 11  | 912  | 8.63 | 12  | - 5 | ND  | 1   | 88  | 6.3   | 13  | 2   | 165 | 1.65        | .094 | 8   | 20  | 2.72 | 9 .01   | 2   | 3.84 | .02      | .01   | 1 4     |
| 90G-25-F15          | 2   | 2642 | 1326 | 57559 | 14.5 | 7   | 18  | 850  | 1.91 | 15  | 5   | ND  | 1   | 221 | 654.8 | 15  | 2   | 12  | 8.38        | .033 | 8   | 7   | .47  | 32 .01  | 2   | .21  | .01      | .07 🚿 | 1 33    |
| 90G-25- <b>Q</b> 21 | 1   | 3601 | 8    | 158   | 1.5  | 7   | 8   | 1023 | 2.69 | 4   | 5   | ND  | 1   | 138 | 2.5   | 16  | 2   | 48  | 13.89       | ,035 | 5   | 13  | .92  | 87 .01  | 2   | 1.20 | .01      | .02   | 1 11    |
| 90G-25-922          | 5   | 2632 | 757  | 25    | 4.0  | 15  | 3   |      | 1.17 | 10  | 5   | ND  | 1   | 60  | .2    | 2   | 2   | 9   | <u>4.84</u> | .017 | 3   | 41  | .24  | 42 .01  | 2   | .39  | .01      | .05   | 1 69    |
| 90G-COR-D1          | 3   | 20   | 51   | 22    | .2   | 4   | - 3 | 230  | 1.02 | 8   | 5   | ND  | 7   | 23  | .2    | 16  | 2   | 13  | .28         | .034 | 8   | 8   | .53  | 23 .03  | 2   | .63  | .06      | .05   | 1 4     |
| 90G-COR-X19         | 2   | 178  | 17   | 290   | .4   | 70  | 24  | 236  | 4.22 | 2   | 5   | ND  | 1   | 547 | 2.5   | 4   | 2   | 55  | 2.83        | .062 | 3   | 115 | 3.36 | 67 .16  | 2   | 5.95 | .22      | 1.08  | 1 7     |
| STANDARD C          | 18  | 57   | 37   | 129   | 7.0  | 72  | 31  | 1052 | 3.94 | 43  | 16  | 7   | 37  | 53  | 18.5  | 14  | 20  | 56  | .46         | .096 | 38  | 61  | .91  | 179 .08 | 32  | 1.89 | .06      | .13   | 13 -    |

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HN03-H20 AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: ROCK AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 9 1990 DATE REPORT MAILED: Oct 12/90 SIGNED BY.....D. TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY RECOMMENDED

Au

guest canada Exploration FILE # 90-4746

1

| SAMPLE#         | Mo   | Cu    | Pb    | Zn   | Ag    | Ni  | Co  | Mn   | Fe       | As     | υ   | Âu  | Th  | Sr   | Cd   | Sb       | Bi      | ٧   |          |            |     | Cr  |          | Ba   |                  |      | AL       |      |         |       |
|-----------------|------|-------|-------|------|-------|-----|-----|------|----------|--------|-----|-----|-----|------|------|----------|---------|-----|----------|------------|-----|-----|----------|------|------------------|------|----------|------|---------|-------|
|                 | ppm  | ррп   | ppm   | ppm  | ppm   | ppm | ppm | ppm  | <u> </u> | ppm    | ppm | ppm | ppm | ppm  | ppm  | ppm      | ppm     | ppm | <b>%</b> | 7          | ppm | ppm | <b>X</b> | ppm  | <b>%</b>         | ppm  | <b>X</b> | *    | % ppm   | ppb   |
| 90F-25-W19      |      | 61    | 5     | 175  | .4    | 45  | 32  | 2241 | 7.02     | 2      | 5   | ND  | 4   | 309  | .2   | 2        | 2       | 57  | 23.31    | 014        | 9   | 22  | E 05     | 1402 |                  | 4    | .26      | 07   | 01      |       |
| 90F-25-W20      |      | 4     | -     | 42   | 2     |     | 9   | 826  | 1.90     |        | 5   | ND  | -   | 89   | 3    |          | 2       | 28  |          |            |     |     | 1.14     |      | .01              |      |          | .03  |         | 11    |
| 90F-COR-X06     | 21   | 226   |       | 19   | 1.5   |     | 16  | 198  | 5.28     | 13     | -5  |     |     | 1193 |      | <u> </u> | 2       |     | 12.68    |            |     |     |          |      | .15              |      | 5.84     | _    |         | 4     |
| 90F-COR-X09     | 2    | 103   | -     | 47   |       |     | 41  | 173  | 9.55     |        | 5   | ND  |     | 76   | .4   | ç        | 2       |     | 9.85     | - C.C.T.T. |     |     |          |      | .17              |      | 1.62     |      |         | 660   |
| 90F-COR-X12     | 21   | 6128  | -     | 420  | 21.2  |     | 28  | 541  | 5.53     | 12     | ś   | ND  |     |      |      |          | _       | 202 |          |            | . – |     | 1.12     |      | 16               |      | 1.02     |      |         | 66    |
|                 | 1 -  | UILO  |       | 420  |       |     | 20  | 241  | 5.55     |        |     | no  | •   | LVI  |      | -        | -       | 202 | 2.72     |            |     | 55  | 1.14     |      |                  |      | .03      | . 23 | ·•J     | 00    |
| 90F-COR-X14     | 1    | 67    | 11    | 58   | .5    | 12  | 20  | 757  | 7.29     | 2      | 5   | ND  | 1   | 52   | .2   | 2        | 2       | 57  | 2.14     | 217        | 2   | 15  | 1.58     | 25   | .10              | 5 2  | 2.61     | .10  | .74 1   | 10    |
| 90F-COR-X15     | li   | 175   | • •   | 119  | 1.3   |     |     |      | 24.71    | 2      | ŝ   | ND  | ż   | 31   | 1.8  | . –      | -       | 533 |          | .007       |     |     | 1.11     | 34   | - X. C. C. C. C. |      | 5.73     |      | 2000000 | 35    |
| 90F-COR-X16     | 56   | 48    | _     | 1205 | 12.2  |     |     |      |          |        | 5   | ND  | 1   |      | 25.1 |          | 83      |     |          |            | 2   | 8   | .17      |      | .01              |      |          |      | .01 24  | Y     |
| 90F-COR-X17     | 1    | 95    |       | 10   |       | 154 |     |      | 13.20    | 2      | 5   | ND  | 1   | 253  | 2    | -        | 4       | 22  |          |            | 2   | -   | .88      | 8    |                  |      | .02      |      |         | 9     |
| 90F-COR-X18     | 17   | 3374  | -     | 114  |       |     |     | •    | 16.15    |        | 5   | ND  | ż   | 76   | .9   |          | 14      | 56  |          | .133       |     |     | 1.45     |      | .16              |      | .60      | -    |         |       |
|                 |      |       |       |      |       |     |     |      |          |        |     |     |     |      |      |          |         |     |          |            |     |     |          |      | <u> </u>         |      |          |      |         |       |
| 90G-24-K01      | 1    | 62    | 232   | 25   | 28.9  | 7   | 21  | 3664 | 7.27     | 68     | 5   | ND  | 2   | 86   | 1.4  | 5        | 314     | 9   | 18.49    | .003       | 2   | 27  | .26      | 2    | .01              | 4    | .29      | .01  | .01 43  | 61    |
| 90G-25-K01      | 2    | 1093  | 4     | 46   | 1.0   | 13  | 9   | 1503 | 2.40     | 36     | 5   | ND  | 1   | 107  | .5   | 3        | 2       | 28  | 9.39     | .022       | 2   | 10  | 2.63     | 283  | .01              | 8    | .19      | .01  | .07 1   | 21    |
| 90G-25-K02      | 3    | 4442  | 4     | 13   | 4.3   | 12  | 4   | 396  | 1.22     | 8      | 5   | 38  | 2   | 13   | .7   |          | 2       | 9   | .80      | .023       | 2   | 9   | .17      |      | .01              | 7    | .18      | .01  | .08 2   | 41200 |
| 90G-25-K03      | 3    | 2464  | 2     | - 4  | .5    | 14  | 25  | 176  | 1.13     | 8      | 5   | ND  | 2   | 10   | .7   | 2        | 2       | 5   | .15      | .016       | 2   | 10  | .07      | 50   | .01              | 5    | .20      | .01  | .07 1   | 1660  |
| 90G-25-K04      | 2    | 42    | 7     | 27   | .5    | 12  | 9   | 280  | 4.14     | 6      | 5   | ND  | 1   | 57   | .4   | 2        | 2       | 30  | .23      | .035       | 3   | 18  | .48      | 285  | .01              | 6    | .72      | .03  | .06 1   | 54    |
| 90G-25-K05      | 2    | 1407  | 2     | 8    | .4    | 9   | 6   | 476  | 1.14     | 4      | 5   | ND  | 2   | 25   | .3   | 2        | 2       | 6   | 2.42     | -011       | 2   | 6   | . 13     | 23   | .01              | 4    | .20      | .01  | .04 1   | 730   |
| 90G-25-K06      | 1    | 197   | 7     | 39   | .8    | 9   | 10  | 3303 | 3.00     | 2      | 5   | ND  | 1   | 595  | .8   | 6        | 2       | 49  | 21.13    | .023       | 4   | 15  | 1.88     | 1397 |                  | 6 1  | .11      | .01  | .06 1   | 17    |
| 90G-25-K07      | 1    | 6     | 2     | 29   | .3    | 7   | 7   | 1745 | 2.33     | 9      | 5   | ND  | 2   | 186  | .6   |          | 2       | 47  | 22.22    | .025       | 5   | 22  | .75      |      | .01              | 4    | .73      | .01  | .06 1   | 3     |
| 90G-25-K08      | 1    | 5308  | 2     | 85   | 6.2   | 20  | 24  | 1150 | 6.47     | 2      | 5   | ND  | 1   | 55   | .6   | 4        | 2       | 120 | 4.44     | .131       | 8   | 32  | 2.33     | 145  | .03              | 42   | .06      | .03  | .06 1   | 22    |
| 90G-25-K09      | 1    | 1881  | 4     | 83   | 1.7   | 19  | 23  | 1216 | 6.56     | 2      | 5   | ND  | 1   | 72   | .3   | 3        | 2       | 166 | 4.94     | .124       | 7   | 36  | 2.81     | 272  | .06              | 42   | .66      | .03  | .05 1   | 13    |
| 90G-25-K10      | 1    | 4850  | 2     | 90   | 2.2   | 24  | 31  | 1174 | 7.02     | 2      | 5   | ND  | 1   | 81   | 1.5  | 3        | 2       | 105 | 2.90     | 141        | 6   | 30  | 3.63     | 52   | . 18             | 63   | .37      | 02   | 03 1    | 12    |
| 90G-25-W10      | 1    | 6058  | 8     | 47   | 1.4   | 15  |     |      | 10.25    | 77     | 5   | ND  | 1   | 46   | .2   | 4        | 5       | 49  | 4.27     | 10000      | 2   |     | 1.07     | 16   | 01               | -    | .30      |      |         | 190   |
| 90G-25-W11      | 3    | 270   | 3     | 7    | .2    | 9   | 3   | 540  | .66      | 6      | 5   | ND  | 2   | 55   | .2   | Ż        | 2       | 10  | 3.51     |            | _   | 8   | .15      | 137  | 10 CT 17 C       |      |          | .01  |         | 380   |
| 90G-25-W13      | 1    | 1031  | 6     | 154  | 10.5  | 19  | 19  | 204  | 2.02     |        | 5   | ND  | 2   | 67   | 8.4  |          | 2       | 16  |          | .014       |     | 9   | .13      | 134  | 100 M M M M M    |      | .36      |      |         | 41    |
| 90G-25-W14      | 1    | 21    | 5     | 41   | .4    | 11  | 6   | 204  | 1.10     | 9      | 5   | ND  | 2   | 84   | .9   | 2        | 2       | 25  | 1.33     | .035       | 2   | 14  | .40      | 922  | .01              | -    | .31      |      |         | 1630  |
|                 |      |       |       |      |       |     |     |      |          |        |     |     |     |      |      | ,        |         |     |          |            |     |     |          |      |                  |      |          |      |         |       |
| 90G-25-W18      | 1    | 1627  |       | 141  | 1.6   |     |     |      | 6.57     | 200120 | 5   | ND  | 1   | 58   | .9   | 4        |         |     | 6.18     |            |     |     | 4.05     | 100  |                  | 33   | .38      | .03  | .01 1   | 62    |
| 90G-COR-X07     | 16   | 3829  | 20    | 153  | 10.1  | ••• |     | 2033 | 4.21     | 16     | 5   | ND  | 1   | 51   | 2.6  |          | 3       | 43  | 9.61     |            |     | 24  | .63      | 212  |                  | 4 1  |          |      | .01 225 |       |
|                 | 7226 |       | 103   | , 30 | .4    | / · |     | 3162 | 2.05     | 6      | 5   | ND  | 2   | 17   | 1.1  |          |         | 18  | 4.72     |            |     | 28  | .39      |      | .02              |      |          |      | .02 468 |       |
|                 |      |       | 31689 |      | 197.1 | •   | 2   | 84   | .02      | 5      | 6   | 89  | 5   |      |      |          | 32175 - |     |          | .011       |     | 3   | .02      |      |                  | -    |          |      | .01 14  |       |
| 90G-COR-X11     | 289  | 424   | 217   | 46   | 7.6   | 7   | 11  | 312  | 3.52     | 8      | 5   | ND  | 2   | 32   | 1.1  | 5        | 511     | 48  | .57      | .117       | 3   | 22  | 1.40     | 90   | .18              | 51   | .33      | .06  | .64 4   | 11    |
| 90G-COR-X13     |      | 29779 | • •   |      | 76.7  |     |     |      |          |        |     | ND  | 1   |      | 17.6 |          |         |     | 2.48     |            |     |     | .49      |      | .06              | 21   |          |      |         | 350   |
| STANDARD C/AU-R | 18   | 61    | 36    | 129  | 7.0   | 70  | 32  | 1053 | 3.98     | 41     | 18  | 7   | 38  | 53   | 18.8 | 15       | 19      | 56  | .51      | .097       | 37  | 60  | .91      | 181  | .07              | 38 1 | .89      | .07  | .13 11  | 540   |

✓ ASSAY RECOMMENDED

Page 5

4.04

GL\_\_IEM\_\_L A\_\_YS CER 'IC'

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| SAMPLE#         | Mo      |       | Pb<br>ppm |     | - 9990000 a               | Ni<br>ppm |     |       | Fe<br>% | As      | -  | Au   |      | Sr<br>ppm | Cd   | Sb<br>ppm |    | V   | Ca<br>% |            | La<br>ppm |     | Mg   | 8a<br>ppm |             | _    | Al<br>X | Na<br>% | к<br>Х г   | GGG 5566   | Au*<br>ppb |
|-----------------|---------|-------|-----------|-----|---------------------------|-----------|-----|-------|---------|---------|----|------|------|-----------|------|-----------|----|-----|---------|------------|-----------|-----|------|-----------|-------------|------|---------|---------|------------|------------|------------|
|                 | - popul |       |           |     |                           |           |     |       |         |         |    | Phil | Phon | PP**      |      |           |    |     |         |            |           |     |      |           |             |      |         |         |            | <b>T</b>   |            |
| FCOR-X01        | 1       |       | 11        |     |                           | 106       |     |       |         | 10878   |    | ND   | 1    |           | .6   | 7         |    | 30  |         | .012       |           | 22  |      |           |             |      | 1.60    |         |            |            | 540        |
| FCOR-X02        | 7       | 134   | •         |     | <ul> <li>SQCCT</li> </ul> | 85        |     |       | 5.14    | 18      |    | ND   | 1    | 135       | .8   | 4         | 2  | 71  | 2.55    | 2010/01/01 |           |     | 1.98 |           |             |      | 4.11    |         | - 1 C - 20 |            | 27         |
| FCOR-X03        | 102     | 57    |           |     |                           |           |     |       | 1.85    | 30      |    | ND   | 1    | 495       | .3   |           |    |     |         |            |           | 4   | .39  |           | .13         |      | 4.60    |         |            |            | 18         |
| 90C17-R28       | 9       | 115   | 10        |     |                           |           |     | 1847  | 2.27    | 49      | 10 | ND   | 1    | 246       | .2   | 2         | 2  |     |         |            |           | - 4 | .35  |           |             | 3    | .42     | .01     | .06        | 1          | 350        |
| 90C17-R30       | 3       | 757   | 3         | 26  | 5                         | 10        | 8   | 169   | 1.89    | 13      | 5  | ND   | 1    | 44        | ,2   | 2         | 2  | 39  | .81     | .116       | 5         | 15  | .32  | 21        | .15         | 5    | .49     | .03     | .17        | 1          | 270        |
| 90C19-R36       | 4       | 11722 | 1 5       | 45  | 5.0                       | 21        | 30  | 361   | 4.66    | 2       | 5  | ND   | 1    | 69        | 1.5  | 2         | 2  | 104 | .65     | .177       | 6         | 22  | 1.50 | 66        | . 14        | 3    | 1.43    | .03     | .67        | 1          | 460        |
| 90F-17-R25      |         | 13468 |           |     |                           |           |     |       | 3.28    | 66      | 5  | 3    | 2    |           | 3.8  | 2         | Ž  |     | 2.74    |            | 7         |     | .18  |           |             |      | .28     |         |            |            | 3510       |
| 90F-17-R26      | 6       | 271   |           |     | 2                         |           | 9   |       | 3.77    | 12      | 5  | ND   | _    | 130       | 4    | 2         |    | 127 | 4.02    |            |           |     | 1.27 |           | 07          |      | 1.40    |         |            |            | 76         |
| 90F-17-R32      | Ĭĭ      | 147   |           |     | 4                         | . –       | 14  |       | 8.23    | 6       | 5  | ND   | 1    |           | 4    | 2         |    | 256 |         | 113        | Š         | 4   | .29  |           | .12         | -    | .41     |         |            | 1          | 32         |
| 90F-19-C10      |         | 35246 |           |     | 25.7                      |           | 141 |       | 19.36   | 15      | 5  | ND   | i    | 3         | 4.3  | 4         | 9  | 7   |         | .014       | ź         | 1   | .08  |           |             | 11   | .13     |         | 50.        |            | 3920       |
| 901-19-010      | '       | 33240 | - 11      | 12  |                           |           | 141 | 51    | 17.30   |         | 2  | NU   | '    | J         |      | -         | ,  | '   |         |            | 2         |     | .00  | 0         | ••••        | ~    |         | .01     | .05        |            | 5920       |
| 90G17-R13       | 2       | 1061  | - 4       | 25  | .2                        | 15        | 8   | 613   | 3.15    | 4       | 5  | ND   | 1    | 41        | .5   | 2         | 2  | 44  | 3.65    | .041       | 8         | 16  | .87  | 132       | .01         | 2    | .36     | .03     | .13 🛞      | 1          | 280        |
| 90G17-R14       | 4       | 2237  | 7         | 24  | 1.2                       | - 33      | 30  | 186   | 2.27    | 4       | 5  | ND   | 2    | 80        | .5   | 2         | 2  | 42  | 1.07    | .110       | 7         | 13  | .32  | 23        | .12         | 8    | .53     | .04     | .12 🛞      | 1          | 400        |
| 90G17-R15       | 6       | 2268  | 2         | 6   | 6                         | 26        | 17  | 111   | 1.08    | - 4     | 5  | ND   | 1    | 69        | .5   | 2         | 2  | 29  |         | .112       | 6         | 8   | .09  | 17        | .11         | 4    | .23     | .03     | .06        | 1          | 52         |
| 90G17-R16       | 7       | 29178 | √ 2       | 105 | 17.2                      | 21        | 11  | 375   | 3.81    | 5       | 5  | ND   | 1    | 46        | 6.9  | 2         | 9  | 45  | .60     | .038       | 2         | 13  | .68  | 8         | .02         | 6    | .68     | .01     | .04        | 1          | 32         |
| 90G17-R17       | 6       | 5715  |           |     | 4.8                       |           | 3   | 216   | 1.27    | 2       | 5  | ND   | 1    | 5         | 1.5  | 2         | 2  | 11  | .09     | .004       | 2         | 8   | .21  | 3         | .01         | 2    | .20     | .01     | .01 🛞      | 1          | 64         |
| 00017 010       |         | 700/  | 70        | 7/  | 4.6                       | /7        | FO  | 47/   |         | 15      | F  |      | 4    |           |      | 2         | •  | 24  | 80      | 402        | 7         | 24  | 10   | 17        |             | 7    | 73      | 07      | <u></u>    |            | 1070       |
| 90G17-R18       |         | 3084  |           |     |                           | ,         | 50  | 136   |         |         | 5  | ND   | 1    |           | 1.0  | 2         | 2  | 26  |         | .106       | 7         |     | .12  |           | . 14        | -    | .32     |         |            |            | 420        |
| 90G17-R19       |         | 16484 |           |     |                           | 180       | 90  |       | 4.56    | 14      | 5  | ND   |      | 105       | 7.0  | 6         |    | 107 |         | .083       |           |     | 1.51 |           | .09         | -    |         | .02     |            |            |            |
| 90G17-R20       |         | 13070 |           |     |                           |           |     | 422   |         | 5       | 5  | ND   |      |           | 2.4  | 2         | 2  | 88  | 1.20    |            | -         |     | 1.06 |           | .07         |      | 1.02    |         |            |            | 78         |
| 90G17-R21       | 15      |       |           |     |                           |           |     | . 382 |         | 4       | 5  | ND   |      | 101       | -5   | 2         | 2  | 44  | 2.10    |            | 6         | 48  | .59  |           | .09         |      | .71     |         |            |            | 109        |
| 90G17-R22       | 3       | 325   | 5         | 25  |                           | 25        | 31  | 511   | 2.90    |         | 5  | ND   | 1    | 65        | .3   | 2         | 2  | 56  | 1.02    | .008       | (         | 30  | .75  | 20        | .07         | 9    | .90     | .05     | .00        | 1          | 33         |
| 90G17-R23       | 30      | 3582  | 14        | 68  | 8.7                       | 199       | 199 | 359   | 11.26   | 69      | 5  | ND   | 2    | 11        | 1.0  | 2         | 2  | 94  | .15     | .075       | 3         | 37  | 1.85 | 11        | <b>.</b> 02 | 3    | 2.04    | .02     | .03        | 1 <b>1</b> | 580        |
| 90G17-R24       | 21      | 382   | 7         | 48  | 6                         | 12        | 26  | 455   | 4.67    | 12      | 5  | ND   | 1    | 76        | .5   | 2         | 2  | 74  | 1.12    | . 193      | 6         | 8   | 1.27 | 51        | . 16        | 2    | 1.49    | .03     | .58        | 1          | 13         |
| 90G17-R27       | 3       | 35    |           |     |                           | . 9       | 3   |       | 1.76    | 2       | 5  | ND   | 1    | 111       | .2   | 2         | 2  |     | 1.15    |            | 5         |     | .39  |           | .08         |      | .51     |         |            | 4          | 6          |
| 90G17-R29       | 85      | 39334 | /30       | 325 | 39.7                      | 154       | 62  | 677   | 10.71   | 19      | 5  | 4    | 1    | 62        | 5.2  | 4         | 10 |     | 1.22    | .116       | 10        |     | 1.30 |           | .07         |      | 1.58    |         |            | 5 2        | 1050       |
| 90G17-R31       | 1       | 77    | 3         |     |                           | 11        | 6   | 168   | 2.01    | 2       | 5  | ND   | 2    | 129       | .2   | 2         | 2  | 53  | .86     | .145       | 7         | 18  | .34  | 31        | .11         | 5    | .50     | .03     | .10        | 1          | 42         |
|                 | -       | 4050  | -         |     |                           | 40        | 40  | 2//   | a or    |         | -  |      |      |           |      | ~         | •  |     | 4 77    |            | •         |     |      | 7/        |             | -    |         | 07      |            |            | 280        |
| 90G17-R33       | 3       | 1850  | 2         |     |                           |           | 10  | 264   | 2.05    | 22      | 5  | ND   | -    | 141       | .4   | 2         | 2  | 79  |         | .200       |           | 17  | .69  |           | .14         | 2    | .84     |         |            |            | 280        |
| 90G17-R34       |         | 479   | 2         |     | 2000.7004                 |           |     | 209   | 2.31    | <u></u> | 5  | ND   | -    | 124       | .3   | 2         | 2  |     | 1.01    |            |           |     | .84  |           | .13         |      | .96     |         |            |            | 68         |
| 90G17-R35       | 1       | 381   | 2         |     |                           |           |     | 2220  | 4.35    | 2<br>5  | 5  | ND   | -    | 110       | .3   | 2         | 2  |     | 1.13    |            | 5         |     | 1.68 |           | .07         |      | 1.61    |         |            | 1          | 26         |
| 90G19-R37       | 2       | 114   | 3         |     |                           | -         |     | 215   | 4.11    | 5       | 5  | ND   | 1    |           | .3   | 2         | 2  |     | 1.82    |            | 5         | 3   |      | 27        |             |      | .85     |         |            | I          | 12         |
| 90JB-G5         | 4       | 871   | 2         | 1   |                           | 3         | 14  | 186   | .21     | 2       | 5  | ND   | 2    | 21        | .2   | 2         | 2  | 8   | .57     | .208       | 5         | 3   | .01  | 348       | .01         | 7    | .53     | .05     | .11        |            | 12         |
| 90JT2-G2        | 10      | 776   | 17        |     |                           |           |     | 866   | 17.25   | 11      | 5  | 2    | 2    | 28        | .9   | 2         | 2  | 44  |         | . 146      | 4         | 6   | .81  |           | .10         |      | 1.60    |         |            | 2.777 E    | 5150       |
| 90JT2-G3        | 1       | 352   | 3         | 113 |                           |           |     |       | 4.57    | 2       | 5  | ND   | 1    | 104       | .4   | 2         |    | 74  |         | .254       | 6         |     | 1.80 |           | . 14        |      | 2.09    |         |            | 9          | 99         |
| 90JT2-G4        | 2       | 87    | 9         | 49  | .3                        | 8         | 9   | 472   | 5.77    | 4       | 5  | ND   | 1    | 53        | .5   | 2         | 2  | 124 | .28     | . 191      | 6         | 16  | .73  | 55        | .20         | 4 2  | 2.21    | .01     | .10 📓      | 2          | 61         |
| 90JT5-1M        | 5       | 336   | 6         | 45  | .1                        | 10        | 14  | 671   | 4.21    | 5       | 5  | ND   | 1    | 34        | .2   | 2         | 2  | 108 | .51     | . 160      | 8         | 12  | 1.70 | 29        | .10         | 4 1  | 1.79    | .01     | .11 🚿      | 2          | 27         |
| 90JT5-2M        | 4       | 257   | 7         | 53  | .1                        | 14        | 17  | 864   | 5.52    | 2       | 5  | ND   | 1    | 24        | .2   | 2         | 2  | 110 | .52     | .203       | 6         | 12  | 2.18 |           |             | 3 2  | 2.34    | .01     | .19        | 1          | 56         |
| 90JT5-3M        | 3       | 223   | 4         | 49  | .2                        |           |     | 613   | 3.50    | 2       | 5  | ND   | 1    | 85        | .4   | 2         |    | 79  |         | . 154      | 5         |     | 1.74 |           |             |      | 1.77    |         |            | 2          | 11         |
| STANDARD C/AU-R | 18      | 57    | 38        | 132 | 7.2                       | 70        | 31  | 1025  | 4.00    | 38      | 17 | 8    | 38   | 53        | 18.4 | 16        | 19 | 56  | .51     | .092       | 38        | 57  | .93  | 181       | .09         | 35 1 | 1.96    | .06     | .14 🛞      | 12         | 510        |

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: ROCK AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

GEOCHEMICAL ANALYSIS CERTIFICATE

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| SAMPLE#         | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppm   | Ni<br>ppm | Co  | Mn<br>ppm | Fe<br>X | As<br>ppm | U<br>ppm | Au<br>ppm | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>X | P<br>X | La<br>ppm | Cr<br>ppm | Mg<br>% | <b>Ba</b><br>ppm | Ti<br>X | 8<br>ppm | Al<br>X | Na<br>X | K<br>X | W<br>ppm | Au*<br>ppt |
|-----------------|-----------|-----------|-----------|-----------|-------------|-----------|-----|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|------------------|---------|----------|---------|---------|--------|----------|------------|
|                 |           |           |           | _         |             |           |     |           |         |           |          |           |           |           |           |           |           |          |         |        |           |           |         |                  |         |          |         | ~       |        |          |            |
| 900-25-56       | 29        | 6         | 2         | 1         | .2          | 10        | 116 | 35        | 4.55    | 5         | 5        | ND        | 1         | 9         | •2        | 2         | 2         | 1        | .02     |        | 2         | 12        |         | -                | .01     | 2        | .02     | .01     | .05    |          | 10         |
| 90F-20-W17      | 4         | 2027      | 12        | 21        | .4          | 10        | 14  | 700       | 2.31    | 7         | 5        | ND        | 2         | 392       | 1.2       | 2         | 2         | 20       | 12.73   |        |           | 3         | .66     | 41               | .01     | 2        | .50     | .02     | .32    |          | 17         |
| 90F-COR-D4      | 2         | 46        | 4         | 7         | .1          | 11        | 7   | 66        | .80     | 3         | 5        | ND        | 1         | 94        | .2        | 2         | 2         | 19       | 1.07    | .033   | 2         | 5         | . 15    | 22               | .15     | _        | 1.37    | .23     | .10    |          | . 6        |
| 90F-COR-D5      | 3         | 126       | 7         | 172       | .8          | 15        | 21  | 291       | 2.58    | 63        | 5        | ND        | 2         | 142       | .3        | 2         | 2         | 34       | 4.75    | .009   | 2         | 13        | 1.71    |                  | .25     |          | 2.89    | .09     | .29    | 1        | 12         |
| 90F-COR-D6      | 1         | 18        | 2         | 18        | .3          | 9         | 8   | 123       | 2.30    | 2         | 5        | ND        | 1         | 254       | .3        | 2         | 2         | 29       | 7.66    | .004   | 3         | 7         | .21     | 33               | .17     | 4 (      | 5.56    | .21     | . 14   | 1        | 19         |
| 90F-COR-D7      | 1         | 23        | 4         | 12        | .5          | 4         | 22  | 85        | 6.00    | 19        | 5        | ND        | 1         | 8         | .2        | 2         | 2         | 11       | .06     | .018   | 2         | 3         | .31     | 59               | .02     | 2        | .96     | .01     | .25    | 1        | 610        |
| 90F-COR-X20     | 5         | 71        | 328       | 331       | 3.6         | 3         | 5   | 1265      | 2.91    | 7         | 5        | ND        | 5         | 156       | 6.4       | 2         | 11        | 94       | 4.57    | .068   | 15        | <u> </u>  | .51     | 111              | .05     | 2        | .83     | .04     | .13    |          | 20         |
| 90G-26-K11      | 44        | 2875      | 2         | 68        | 17.0        | 13        | 3   | 110       | 8.18    | 692       | 5        | ND        | 1         | 7         | 3.7       | 14        | 2         | - 1      | .04     | .014   | 2_        | 13        | .01     | 9                | .01     | 3        | .06     | .01     | .03    | 2        | 320        |
| 90G-COR-D2      | 5         | 43        | 5         | 10-       | <b>~.</b> 2 | 2         | 2   | 305       | .93     | 9         | 5        | ND        | 6         | 100       | -2        | 2         | 2         | 7        | 4.20    | .026   | 8         | 2         | .41     |                  | .04     | 2        | .68     | .05     | .15    | 1        | 8          |
| 90G-COR-D3      | 4         | 179       | 3         | 10        | .3          | 5         | 2   | 206       | 1.35    | 4         | 5        | ND        | 8         | 44        | .2        | 2         | 2         | 12       | .41     | .029   | 8         | 5         | .75     | 59               | .04     | 2 1      | .21     | .10     | .18    | 1        | 5          |
| 905-12-01       | 1         | 18        | 2         | 41        | .3          | 8         | 7   | 684       | 2.24    | 10        | 5        | ND        | 2         | 121       | .3        | 2         | 2         | 20       | 16.87   | .025   | 4         | 15        | 1.17    | 16               | .01     | 2 1      | .34     | .04     | .07    | 1        | 5          |
| STANDARD C/AU-R | 19        | 61        | 39        | 133       | 7.1         | 73        | 31  | 1052      |         | 40        | 18       | 7         | 40        |           | 18.8      | 15        | 20        | 61       |         | .096   | 41        | 61        | .89     | 192              | .08     | 33 1     | .89     | .06     | .13    | 12       | 530        |

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HN03-H20 AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: P1 ROCK P2 SOIL AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

ASSAY RECOMMENDED

5 Page 2

7

# **Quest Canada Exploratión** FILE # 90-5450

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| SAMPLE#         | Mo<br>ppm | Cu  | Pb<br>ppm | Zn<br>ppm | Ag<br>ppm | N i<br>ppm | Co<br>ppm | Mn<br>ppm   | Fe As<br>X ppm | U<br>ppm | Au<br>ppm | Th       | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppa | Ca<br>% | PX   | La<br>ppm | Cr<br>ppm | Mg<br>X | Ba<br>ppm | Ti<br>X | B<br>ppm | Al<br>X | Na<br>% | K<br>X t | W Au<br>priti pp |
|-----------------|-----------|-----|-----------|-----------|-----------|------------|-----------|-------------|----------------|----------|-----------|----------|-----------|-----------|-----------|-----------|----------|---------|------|-----------|-----------|---------|-----------|---------|----------|---------|---------|----------|------------------|
|                 |           |     |           | Ppm       |           |            |           | <b>PP-n</b> |                |          |           |          | PP        |           |           | <b>FF</b> |          |         |      | <u> </u>  | FF        |         |           |         |          |         |         |          | <u>rn rr</u>     |
| 90LC-62         | 4         | 109 | 13        | 124       | .5        | 225        | 22        | 1246        | 5.12 75        | 5        | ND        | 1        | 71        | 1.0       | 2         | 2         | 220      | 1.18    | .107 | 11        | 69        | .47     | 236       | .09     | 7 1      | 1.58    | .03     | .06 🐰    | 1                |
| 90LC-65         | 23        | 98  | 4         | 78        | .4        | 73         | 15        | 508         | 6.71 50        | 5        | ND        | 1        | 57        | .2        | 2         | 2         | 226      | .86     | .102 | 10        | 166       | .83     | 235       | .21     | 2 1      | 1.95    | .03     | .05 🛞    |                  |
| 90LC-66         | 1         | 177 | 5         | 94        | .3        | 46         | 16        | 533         | 4.62 20        | 5        | ND        | 2        | 56        | .5        | 3         | 2         | 160      | .89     | ,158 | 12        | 37        | .99     | 113       | .13     | 6 1      | 1.57    | .07     | .09 🛞    |                  |
| 90LC-68         | 2         | 70  | 3         | 54        | .2        | 160        | 21        | 623         | 3.49 38        | 5        | ND        | 2        | 44        | .3        | 3         | 2         | 94       | .84     | .083 | 5         | 202       | 1.98    | 126       | .09     | 6 1      | .28     | .08     | .08      | Î.               |
| 90LC-70         | 1         | 226 | 4         | 52        | .3        | 171        | 15        |             | 3.52 4         | 5        | ND        | 1        | 54        | .2        | 3         | 2         | 135      | .98     | .115 | 11        | 144       | 1.54    | 124       | .08     |          | .09     | .02     | .05      | ŝ.               |
|                 |           |     | -         |           |           |            |           |             |                |          |           |          |           |           |           |           | -        |         |      |           |           |         |           |         |          |         |         |          |                  |
| 90LC-73         | 1         | 85  | 3         | 48        | .2        | 168        | 15        | 390         | 2.74 20        | 5        | ND        | 1        | 40        | .2        | 2         | 2         | 81       | .77     | .069 | 5         | 182       | 1.87    | 104       | .08     | 7 1      | .18     | .05     | .06 🕺    | 8 <b>1</b> 6     |
| 90MMC-63        | 3         | 59  | ō         | 83        | 2         | 113        | 15        |             | 3.08 29        | 5        | ND        | 1        | 43        | .4        | 2         | 2         | 114      | .68     | .079 | 6         | 33        | .56     | 125       | .07     | 4        | .91     | .04     | .36      | 8 <b>1</b>       |
| 90MMC-64        | 4         | 57  | 2         | 83        |           | 40         | 6         |             | 1.42 19        | 5        | ND        | 1        | 83        | 2         | 2         | ž         | 46       |         | .170 | 3         | 25        | .28     | 241       | .01     | 11       | .36     |         | 1.18     |                  |
| 90MMC-67        | i i       | 202 | ž         | 75        | •         | 44         | ~         | 231         | .90 8          | 5        | ND        | 1        | 57        | 1.2       | 2         | 2         | 40       |         | .206 | 6         | 22        | .32     | 129       | .02     | 11       | .49     |         | 1.51     |                  |
| 90MMC-69        |           | 115 |           | 68        |           | 238        | 19        | 685         | 242444444444   | 5        | ND        | <b>i</b> | 64        | .3        | 2         | 2         | 124      |         | .118 | 6         |           | 1.59    | 246       | .08     |          | .20     | .03     | .31      |                  |
| 70mmu - 07      | 5         |     | -         | 00        |           | 230        | .,        |             |                |          |           | •        | 04        |           | -         | -         | 167      | • • •   |      | •         | 207       |         | - 10      |         |          |         | 105     |          |                  |
| 90MMC-71        | 1         | 436 | 2         | 68        | .3        | 241        | 11        | 544         | 1.59 8         | 5        | ND        | 1        | 107       | .2        | 3         | 2         | 53       | 1.87    | .153 | 14        | 82        | 1.01    | 246       | .03     | 32       | .72     | .04     | .52      |                  |
| 90MMC-72        | 2         | 205 |           | 55        | 3         | 279        | 17        | 705         |                | ź        | ND        | 4        | 74        | .3        | 2         | 2         | 116      |         | .142 | 0         |           | 1.52    |           | .07     | 12 1     |         | .02     | .51      |                  |
| 90MM-GR-X01     | 1         | 251 | 7         | 49        | :2        |            | 18        | 397         | 26666622226    | 5        | ND        | 1        | 73        |           | 2         | 2         | 72       |         |      | ,<br>8    | 178       |         | 338       | .07     | 21 1     |         | .03     | .14      |                  |
|                 | 4         | 202 | 2         |           |           | 535        | 22        | 1891        |                | 5        |           | 4        | 49        | • • •     | 5         | 2         | 75       |         | .095 | 0         | 225       |         | 421       | .09     | 14 1     |         | .03     | .16      |                  |
| 90MM-GR-X02     |           |     | ~ ~ ~     | 40        | .4        | 11         | - 22      |             |                | - 2      | ND        |          |           |           |           |           |          |         |      | - 7       | _         | 2.55    |           | .01     |          | .20     | .01     | .02      |                  |
| 90L-COR-S1      |           | 12  |           | 31        | .3        |            | <u> </u>  | 154         | .37 8          |          | ND        |          | 362       | •4        | ۲         |           |          | 21.09   | .012 |           | 12        | 2.33    | 87        | •41     |          | .20     | .01     | .02      | <u> </u>         |
| 9055-GR-X01     | 1         | 40  | 3         | 27        | 2         | 14         | 7         | 288 2       | 7 RR RR C      | 5        | ND        | 2        | 33        | .2        | 2         | 2         | 115      | 1,12    | .068 | 7         | 22        | .59     | 37        | .07     | 23       | .65     | .01     | .05      | 1                |
| STANDARD C/AU-S | 18        | 57  | 38        |           | 7.1       | 72         | <b>1</b>  |             | 3.97 44        | 20       | 7         | 39       |           | 19.7      | 15        | 18        | 59       |         | .095 | 40        | 60        | .90     | 187       | .07     | 34 1     |         | .06     | 10603    | 13 51            |

APPENDIX II

SAMPLE DESCRIPTIONS - ROCKS

CU. ST ... UNT ... N GLULOG. ... L L'. I.

ROCK SAMPLE SHEET

Sampler <u>D. Ribley</u> Date <u>Sept. 90</u>

Property \_\_\_\_\_\_

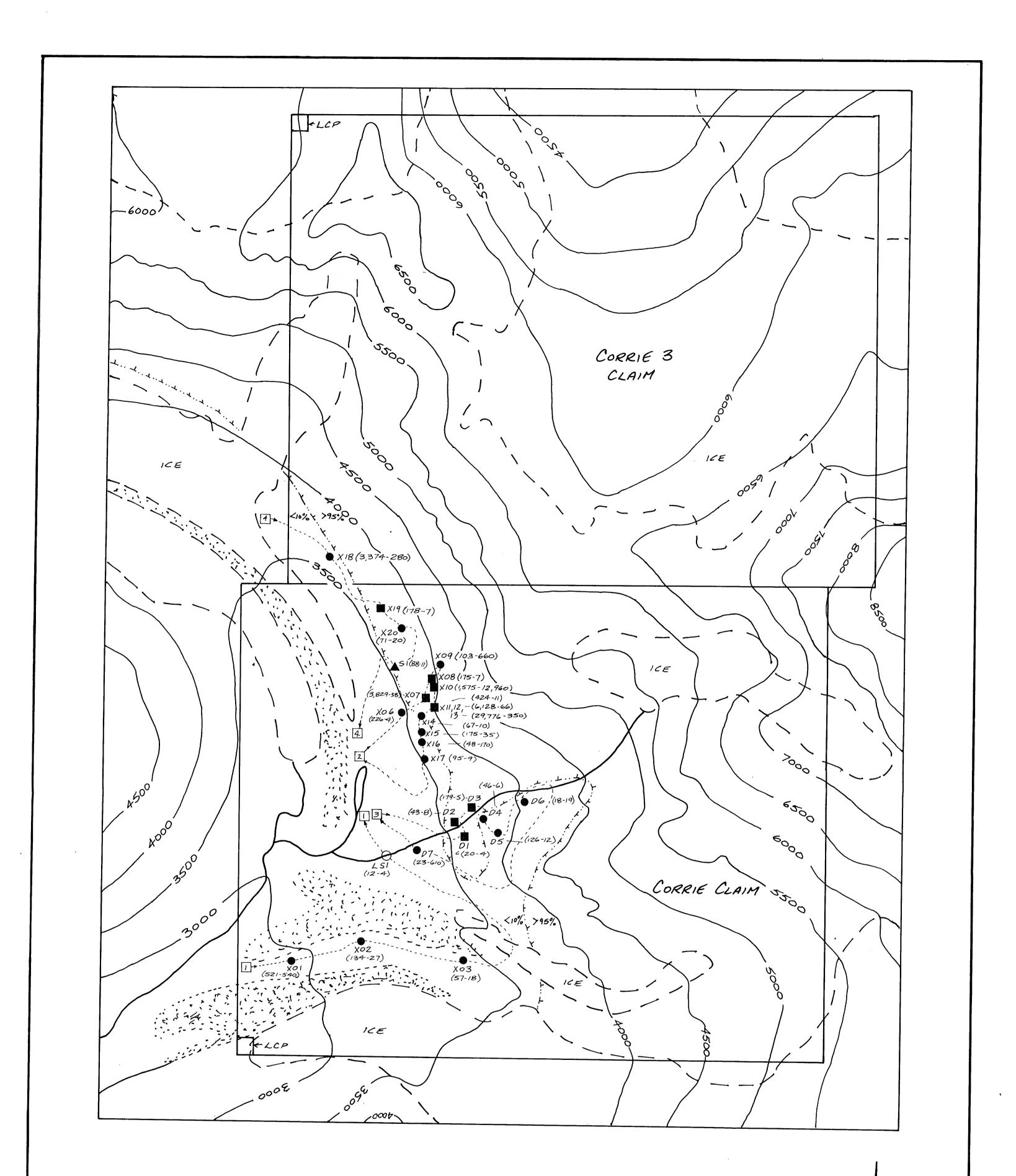
NTS 1046/5

| SAMPLE                            | ,<br>L .        |                  | DESCRIPT   | ION                          | 1                         | L   | A  | SS  | AYS |     |
|-----------------------------------|-----------------|------------------|------------|------------------------------|---------------------------|-----|----|-----|-----|-----|
| NO.                               | Sample<br>Width | Rock Type        | Alteration | Mineralization               | ADDITIONAL OBSERVATIONS   | Cu  | Pb | Zn  | Ag  | Au  |
| 90G<br>COR -D1                    | 2m              | limistr          | marble     | 140 py-pyrch<br>miner sphal? | Zune atleast 4x15m; 3620' |     |    | 22  | Ŭ   |     |
| 90G<br>CUZ-DZ                     | 2m              | gradat<br>Inista | limonite   | >1% py                       | Same zone as D/           | 43  | 5  | 10  | .2  | 8   |
| 90 9                              | 3m              | Imstr            | marble     | 1-2% dissim<br>pyrrhotite    | 11                        | 179 | 3  | 10  | . 3 | 5   |
| $\frac{COR - D3}{90F}$ $COR - D4$ | F               | Instr            | skarn      | AYRY , absent                | angular that              | 46  | 4  | 7   | .1  | 6   |
| 90F<br>QDR-D5                     | F               | mafic<br>volc.   |            | 340 pt.<br>Minor chiles      | angular                   | 126 | 7  | 172 | ۶,  | 12  |
| 90F<br>COIE - D6                  | F               | Insta            | Skarn      | minor chiles<br>up to 5% py  | large boulder             | 18  | 2  | 18  | .3  | 19  |
| 90F<br>COR D7                     | F               | intrisive        | cerbonate  | up to 1% dissen<br>py rblebs | 3360'                     | 23  | 4  | 12  | ,5  | 610 |
|                                   |                 |                  |            | //                           |                           |     |    |     |     |     |
|                                   |                 |                  |            |                              |                           |     |    |     |     |     |
|                                   |                 |                  |            |                              |                           |     |    |     |     |     |
|                                   |                 |                  |            |                              |                           |     |    |     |     |     |
|                                   |                 |                  |            | ·                            |                           |     |    |     |     |     |
|                                   |                 |                  |            |                              |                           |     |    |     |     |     |
|                                   |                 |                  |            |                              |                           |     |    |     |     |     |
|                                   |                 |                  |            |                              |                           |     |    |     |     |     |

| CueST ทบปไ                         |                 |           | icae L'i <i>u</i> . | ROC                         | K SAMPLE SHEET  |       |        |       |     |       |              |
|------------------------------------|-----------------|-----------|---------------------|-----------------------------|---|-------|--------|-------|-----|-------|--------------|
| Sampler <u>Ć</u><br>Date <u>Se</u> |                 |           |                     | Property                    | LURRIE  | NT    | rs _   | 104   | -6/ | 15-   |              |
|                                    |                 |           | DESCRIPT            | ION                         | 1   |       | I      | A     | SS  | AYS   |              |
| SAMPLE<br>NO.                      | Sample<br>Width | Rock Type | Alteration          | Mineralization              | ADDITIONAL OBSERVATIONS   | Mo    | Cu     | Fb    | Zn  | Aq    | Au           |
| FCURXUI                            | F               | Imsta     | skarn               | py, arseno,                 |   |       | 521    | u     | 34  | 1.7   | ste          |
| FORXOZ                             | F               | 00        | carbinate           | 01                          |   |       | 134    | 7     | 82  | .3    | 27           |
| FCORX03                            | F               | intrusive |                     | trpy                        |   |       | 57     | 17    | 8   | يا،   | 18           |
| 90F<br>COR-XU6                     |                 | volc.     | prietz              |                             | buttom of fight gulley  |       | 226    | 6     | 19  | 1.5   | 4            |
| 9069<br>(02-X07                    |                 | marble    | skarn               | opj, py                     | 1180 meler, 37° from lake<br>up fight gulley                                |       | 3621   | Zc    | 153 | 10.1  | 38           |
| 90G                                | ,3.n            | 1,        | 11                  | moly                        | 10° striking heavy skiern/garnet<br>zone w/steep Widip 1210m.               | 7     | 175    |       |     |       | 1            |
| 40F<br>COR-X09                     | F               | vulc.     | РЧ                  | R +                         | abure XOE   |       | 103    | 3     | 47  | .6    | <i>د</i> ر.  |
| 90G                                | +Ocm            | felsic    |                     | moly, galena                | dyte 10°/85°W- contacts starn<br>mineralization on state w/x08-bates gossen | 54.96 | 1515   | 314Eg | 13  | 147.1 | 124 C        |
| LOC NO                             | 1m <sup>2</sup> |           | ſY                  | py, trigal.                 |   | 289   |        |       | 1   |       |              |
| 90 G                               | $lm^2$          |           |                     | <u>- 47 - 17 Gerti</u><br>N | 11  |       | 6, 28  | 9     | 420 | 21.2  | 66           |
| 90G                                | ,3m             | Л         | j i                 | and an and                  | "   |       | 247.29 | 16    | 992 | и.ј   | 352          |
| 40 F                               |                 | volc.tuff |                     | mal, py, cpy                | py in verilets / dissem   |       | 67     |       |     | ,S    |              |
| COR-XIY<br>90F                     | r<br>F          |           |                     |                             | angular float   |       | 175    | 2     | j19 | 1.3   | 35           |
| CUR-X15<br>90F                     |                 | vole.     | skarn               | <u>fy, sph</u>              | angular float<br>actinclife, garnet in angular float                        |       | 48     | 417   |     |       | 1 <b>7</b> 0 |
| 10R-X16<br>40F                     | F               | marble    | 11                  | <u> </u>                    | Large py + may crystals   |       | 95     |       |     | 1.4   |              |
| C-CHIP G-                          |                 |           |                     | fy, meg                     |   |       |        |       | I   |       |              |

| CuAST ทเบป                         | NIAIN           | I GeulOG           | ical Liu.  | ROC            | K SAMPLE SHEET   |       |     |            |                     |      |
|------------------------------------|-----------------|--------------------|------------|----------------|--|-------|-----|------------|---------------------|------|
| Sampler <u>C</u><br>Date <u>Sa</u> | BAS<br>ept      | 51 <u>C</u><br>190 |            | Property       | CURRIE   | NTS   | 104 | <u>467</u> | <u> 5</u>           | -    |
| SAMPLE                             | Sample          |                    | DESCRIPT   |                | J  | L     | 4   | 155/       | AYS                 | ;    |
| NO.                                | Width           | Rock Type          | Alteration | Mineralization | ADDITIONAL OBSERVATIONS                                  | Cu    | Pb  | Zn         | Ag                  | Au   |
| 40F<br>COR-X18                     | F               | Volc               | minor py   | ρ-j            | 1100 meler 350° from Lake<br>pj in lem veinlets + dissem |       |     |            | 1 .7                | 5260 |
| 90G<br>CUR-X19                     | /m <sup>2</sup> | vole/<br>sed       |            | py, pych       | between Instar felsic intrusive                          | 1.    | •   | 290        | 1 1                 |      |
| 90F<br>COR-X20                     | F               | volc               |            | py trgal.      |  | 71    | 328 | 331        | 36                  | 20   |
| 90C<br>COR-51                      | 2m              | volc               | sussan     | [ ]<br>[ ]     | 2 metre chip across gussan                               | ક્ષ્ક | 7   | 18         | ، 3                 | 11   |
|                                    |                 |                    |            |                |  |       |     |            |                     |      |
|                                    |                 |                    |            |                |  |       |     |            |                     |      |
|                                    |                 |                    |            |                |  |       |     |            |                     |      |
|                                    |                 |                    |            |                |  |       |     |            |                     |      |
|                                    |                 |                    |            |                |  |       |     |            |                     |      |
|                                    |                 |                    |            |                |  |       |     |            | $\square^{\dagger}$ |      |
|                                    |                 |                    |            |                |  |       |     |            |                     |      |
|                                    |                 |                    |            |                |  |       |     |            |                     |      |
|                                    |                 |                    |            |                |  |       |     |            |                     |      |
|                                    |                 |                    |            |                |  |       |     |            | -+                  |      |
|                                    |                 |                    |            |                |  |       |     |            | +                   |      |
| LJ                                 | l               |                    | L          |                |  |       |     |            | ]                   | L    |

| lunST הטלא                        |                 |                  | une L'i <i>v</i> . | ROC                          | K SAMPLE SHEET             |          |     |          |     |      |
|-----------------------------------|-----------------|------------------|--------------------|------------------------------|----------------------------|----------|-----|----------|-----|------|
| Sampler <u>P</u><br>Date <u>S</u> | Rio             | 90<br>10         |                    | Property                     | CORRIE                     | NTS      |     |          |     |      |
| SAMPLE                            | L I             |                  | DESCRIPT           |                              | ł                          | <b> </b> | A   | SS       | AYS | ;    |
| NO.                               | Sample<br>Width | Rock Type        | Alteration         | Mineralization               | ADDITIONAL OBSERVATIONS    | a        | Pb  | Zn       | Ag  | Au   |
| 90G<br>WR-DI                      | 2m              | limistr          | marble             | 140 py-pyrch<br>minor sphal? | Zune at least 4x15m; 3620' | 20       | 51  | 22       | .2  | 4    |
| 90G<br>CUR-D2                     |                 | gradat<br>Inista | limonite           | >1% py                       | Same zone as D/            | 43       | 5   | 10       | .2  | 8    |
| 90 G<br>COR - D3                  | 3m              | Imstr            | marble             | 1-2% dissum<br>pyrdotite     | //                         | 179      | 3   | 10       | . 3 | 5    |
| 90F<br>COR-D4                     | F               | Instr            | starn              | AYRE, absent.                | angular theat              | 46       | 4   | 7        | .1  | 6    |
| 90F<br>QR-D5                      | F               | mafic<br>volc.   |                    | 340 pt.<br>Minor chiles      | angular                    | 126      | , 7 | 172      | .8  | 12.  |
| 90F<br>COI2 - D6                  | F               | Instr            | skarn              | p to 5% py                   | large boulder              | 18       | 2   | 18       | 1.3 | 19   |
| 90F<br>COR DT                     | F               | intraire         | cerbonate          | up to 7% dissen<br>py +blebs | 3360'                      | 23       | 4   | 12       | .5  | 611  |
|                                   |                 |                  |                    |                              |                            |          |     |          | ļ   |      |
|                                   |                 |                  |                    |                              |                            |          |     |          |     |      |
|                                   |                 |                  |                    |                              |                            |          |     |          |     |      |
|                                   |                 |                  |                    |                              |                            |          | ļ   | <b> </b> |     | ļ    |
|                                   |                 |                  |                    |                              |                            |          |     |          |     | ļ    |
|                                   |                 |                  |                    |                              |                            |          |     | ļ        | ļ   |      |
|                                   |                 |                  |                    |                              |                            |          |     |          | ļ   | <br> |
|                                   |                 |                  |                    |                              |                            |          |     |          |     |      |



GEOCHEM - ROCKS

| C7          | EUCA       | EM        | - ~ | DER   | 5                 |      |             |      |     |      |       |     |                                 |
|-------------|------------|-----------|-----|-------|-------------------|------|-------------|------|-----|------|-------|-----|---------------------------------|
| SAMPLE#     | Cu         | Рb        | Zn  | Ag    | Au                | Mo   | SAMPLE #    | Си   | Pb  | 7    | Λ.    | Δ., | LEGEND                          |
| FCORXOI     | ррт<br>521 | ррт<br>11 | PPM | ppm   | <i>ррЬ</i><br>540 | PPM  |             | Ppm  | ррт | Ppm  | Ag    | ppb | SILT SAMPLE                     |
| FCOR XOZ    |            |           |     |       |                   |      | 90F COR XIG | 48   | 417 | 1205 | 12. Z | 170 | ROCK SAMPLE - FLOAT             |
|             | 134        |           |     |       | 27                |      | 90F COR XIT | 95   | 6   | 10   | 1.4   | 9   | ROCK SAMPLE - GRAB              |
| FCOR X03    | 57         | 17        | 8   | .6    | 18                |      | 90F COR X18 | 3374 | 19  | 114  | 15.5  | 280 | ROCK SAMPLE - CHIP              |
| 90FCORXO6   | 226        | 6         | 19  | 1.5   | 4                 |      | 90G COR X19 | 178  | 17  | 290  | .4    | 7   | TRAVERSE LOCATION               |
| 90G COR XOT | 3829       | 20        | 153 | 10.1  | 38                |      | 90F COR X20 | 71   | 328 | 33(  | 3.6   | 20  | - TRAVERSE LUCATION             |
| 90G COR XOB | 175        | 103       | 30  | .4    | 7                 | 7226 | 90C COR 51  | 88   |     | 18   |       |     | X01 (521-540)                   |
| 90FCORX09   | 103        | 3         | 41  | .6    | 660               |      | 90G COR DI  | 20   |     | 22   |       |     | Sample #                        |
| 90G COR X10 | 1575       | 31,689    | 13  | 197.1 | 12,960            | 5496 | 90G COR DZ  | 43   |     |      | .2    |     | >95%<br>1.1.1.1. OUTCROP BOUNDA |
| 90G COR XII | 424        | 217       | 46  | 7.6   | 11                | 289  | 906 COR D3  | 179  | 3   |      | .3    | 5   | <10%                            |
| 90G COR XIZ | 6128       | 9         | 420 | 21.2  | 66                |      | 90F COR D4  | 46   | 4   | 7    | ./    |     | MORAINE                         |
| 90G COR X13 | 29779      | 16        | 99Z | 76.7  | 350               |      | 90F COR D5  | 126  | 7   | 172  |       | 12  |                                 |
| 90FCORX14   | 67         | 11        | 58  | ,5    | 10                |      | 90FCOR D6   | 18   | 2   | 18   | ,3    | 19  |                                 |
| 90F CORXIS  | 175        | 2         | 119 | /.3   | 35                |      | 90F COR DT  | 23   | 4   | 12   |       |     | 0 100 200 400 600               |
|             |            |           |     |       |                   |      | 5           | 127- | GEO | OCHE | EM    |     | METRES                          |

GEOLOGICAL BRANCH ASSESSMENT REPORT

