

MAP NO.: ASSESSMENT REPORT X
115N/10 PROSPECTUS CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 092953
MINING DISTRICT: Dawson
TYPE OF WORK: Geology, geochemistry

REPORT FILED UNDER: Archer, Cathro and Associates (1981) Ltd. (YGC Resources Ltd.)

DATE PERFORMED: August 4 to September 12, 1990 DATE FILED: May 3, 1991

LOCATION: LAT.: 63°31'N AREA: Matson Creek
LONG.: 139°50'W VALUE \$: 18,050.00

CLAIM NAME & NO.: BOR 1-16 YB 30561 - YB 30576
BOR 21-42 YB 30577 - YB 30598

WORK DONE BY: K. Sax, R.C. Carne (Archer Cathro and Associates (1981) Ltd.)

WORK DONE FOR: Archer Cathro and Associates (1981) Ltd. (YGC Resources Ltd.)

| DATE TO GOOD STANDING: | |
|------------------------|--|
| | |
| | |
| | |
| | |

REMARKS: #100 BORED
Exploration in 1990 consisted of line cutting, prospecting and geochemistry. The target is a possible volcanogenic massive sulphide deposit. A 7 km long lead-zinc-copper soil anomaly parallels compositional layering in Paleozoic quartz-mica schists that have been interpreted as a metamorphosed felsic volcanic sequence.

*Summarized May 30/91
indexed May 30/91*

*check file
still valid
to closed*

ARCHER, CATHRO

& ASSOCIATES (1981) LIMITED

CONSULTING GEOLOGICAL ENGINEERS

1016-510 WEST HASTINGS STREET
VANCOUVER, B. C. V6B 1L8

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SUMMARY REPORT

on

1990 EXPLORATION

MATSON CREEK PROPERTY

DAWSON MINING DISTRICT

BOR 1-16 - YB30561-YB30576

BOR 21-42 - YB30577-YB30598

092953

Latitude 63°31' North; Longitude 139°50' West

NTS 115N/10

for

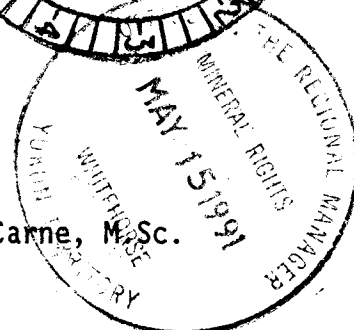
YGC RESOURCES LTD.

K. Sax, B.A.Sc.

December, 1990



R.C. Carne, M.Sc.



This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 18,050.00.

W. H. Baye
for Joint Manager, Exploration and
Technical Services for Commissioner
of Yukon Territory.

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092953

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INTRODUCTION

The Matson Creek property was staked in May, 1990 by Archer, Cathro & Associates (1981) Limited and sold to YGC Resources Ltd. at cost later that month. The claims were acquired to cover an extensive coincident lead-zinc-copper soil geochemical anomaly resulting from previous exploration.

The 1990 field program described in this report was funded by YGC and was conducted during the period August 4 to September 12, 1990. Work included line cutting, prospecting and grid soil sampling. Only a small part of the previously defined anomaly was explored in 1990.

Appendix I includes the Authors' Statements of Qualifications while a list of personnel who worked on the project is included as Appendix II.

PROPERTY, LOCATION AND ACCESS

The Matson Creek property is located in west-central Yukon, about 10 km east of the Alaska border and 90 km southwest of Dawson City (Figure 1). Coordinates for the central part of the property are 63°31' north latitude and 139°50' west longitude. Active placer mining in the area is serviced by a 60 km long winter road from Sixty Mile, the nearest settlement. Operators of the Matson Creek Placer Mine, located 2 km east of the property, are currently constructing an all-weather road which will provide year-round access to the area from the Top of the World Highway.

A 500 m long airstrip is located in the southwest part of the property and is suitable for small to medium sized fixed-wing aircraft such as the Cessna 206 or DeHavilland Otter.

The Matson Creek property consists of thirty-eight claims registered with the Dawson City Mining Recorder in the name of Archer, Cathro as follows:

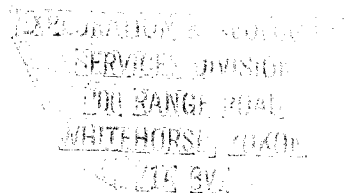
| <u>Claim Name</u> | <u>Grant Numbers</u> | <u>Expiry Date</u> |
|-------------------|----------------------|--------------------|
| Bor 1-16 | YB30561-YB30576 | June 4, 1991 |
| Bor 21-42 | YB30577-YB30598 | June 4, 1991 |

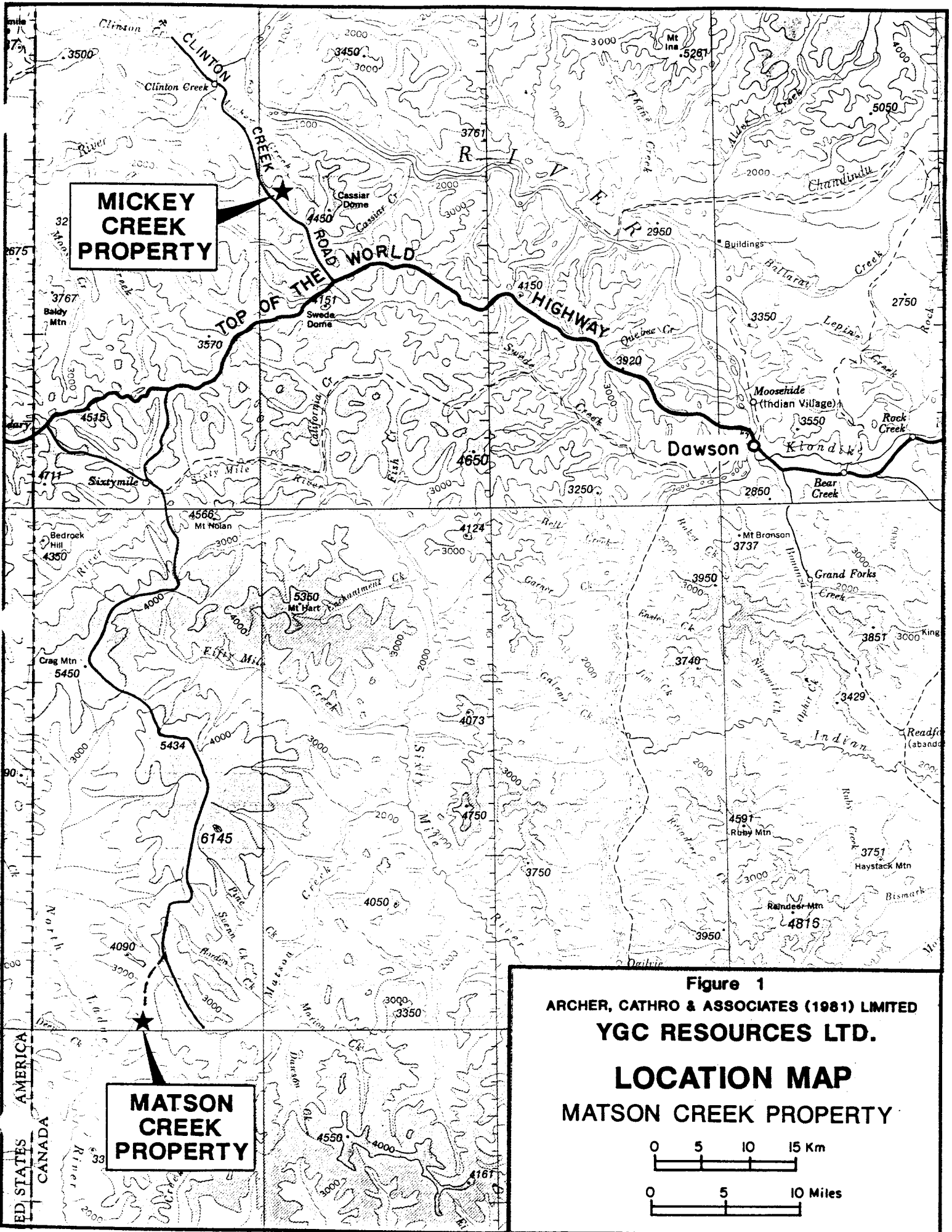
Claim locations are shown on Figure 2 on the following page.



Indian and Northern
Affairs Canada

Affaires indien
et du Nord Ca





**MICKEY
CREEK
PROPERTY**

**MATSON
CREEK
PROPERTY**

Figure 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
YGC RESOURCES LTD.
LOCATION MAP
MATSON CREEK PROPERTY

0 5 10 15 Km
 0 5 10 Miles

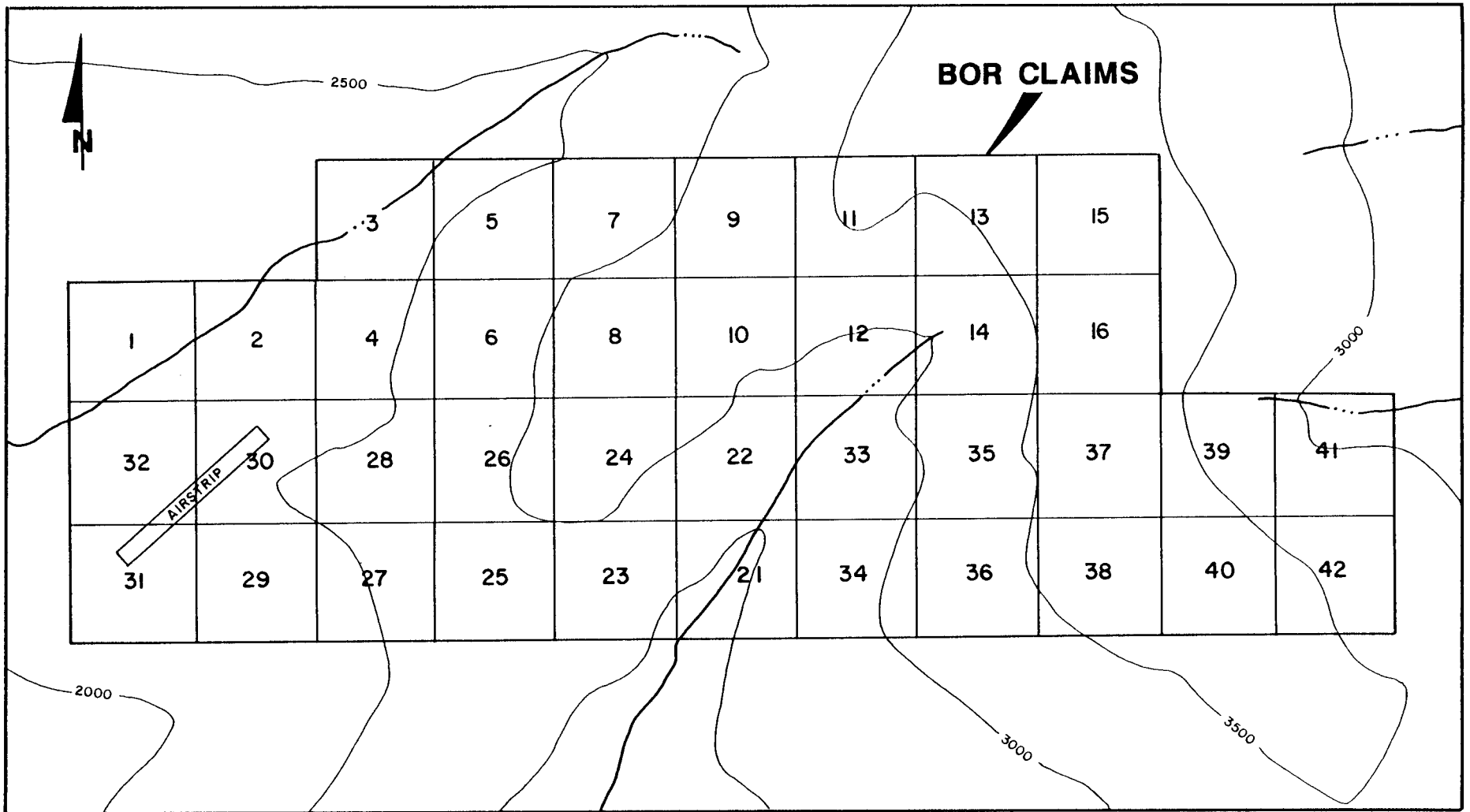


Figure 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

YGC RESOURCES LTD.

CLAIM LOCATIONS

MATSON CREEK PROPERTY

WEST-CENTRAL YUKON

HISTORY AND PREVIOUS WORK

The area was first staked in 1977 by Moose Creek Exploration Ltd. during the course of regional exploration for volcanogenic massive sulphide deposits in east-central Alaska and west-central Yukon. Moose Creek was a joint venture between American Copper and Nickel Company Inc. (Inco) and Kennecott Copper Corp. The property was explored with mapping, geophysical and geochemical surveys in 1977 and 1978. Ocean Home Exploration Co. Ltd., a successor company to Moose Creek, added to the claim block in late 1978 and extended the area of the geochemical survey in 1979. Archer, Cathro restaked the property in May, 1990 for YGC.

GEOMORPHOLOGY

Topography on the property is subdued with elevations ranging from 580 to 1160 m above sea level. Ridge crests on the claim block are above treeline while side hills and valley bottoms support light to moderate second growth re-established after destruction of heavy mature forest cover by a forest fire 15 to 20 years ago.

Residual overburden cover is thin but because the area is unglaciated, bedrock exposures are limited to resistant strata on ridge crests. Over 50% of the property is mantled by lightly vegetated talus and mineral soil. Actual in-place outcrop probably forms less than 10% of the area. The soil is dry and relatively well drained. Permafrost is probably absent to discontinuous on southerly-facing slopes and relatively continuous on northerly-facing slopes.

The area was unglaciated during the Pleistocene and sulphide minerals are completely oxidized on surface. Oxidation likely extends to several tens of metres or deeper from surface.

GEOLOGY

The Matson Creek area is underlain by a belt of intercalated metavolcanic and metasedimentary rocks assigned to the Carboniferous to Permian(?) Klondike Schist by the Geological Survey of Canada.

Regional mapping by Moose Creek in east-central Alaska and adjacent Yukon Territory identified a regionally extensive quartz-sericite and quartz-paragonite schist unit thought to be a metamorphosed felsic volcanic sequence. Correlative rocks host a number of metamorphosed volcanogenic massive sulphide base metal deposits in adjacent Alaska. These lithologies form a thicker than normal succession in the Matson Creek area, suggesting proximity to a felsic volcanic centre. Enclosing strata include biotite-quartz-muscovite schist, calcareous mica schist, chloritic green schist, marble and black graphitic schist. Results of previous property-scale mapping are not publicly available and no detailed mapping was carried out in 1990.

Compositional layering and schistosity in metamorphic rocks on the Matson Creek property dip moderately to the south, striking approximately east-west. Internal crenulations and small-scale folds may be parasitic folds related to larger-scale structures which are not evident from mapping of the poorly exposed bedrock sequence to date.

MINERALIZATION

No sulphide mineralization has been located within the property area and none would be expected in this highly oxidized and unglaciated terrain. The strongest evidence for volcanogenic massive sulphide mineralization is goethite and jarosite float fragments discovered in vegetated talus by Moose Creek. These are described as having a spongy texture with a distinctly stratiform character but their locations and metal contents are not reported.

Geochemical analyses of samples of similar material discovered by YGC in 1990 in one location in the southeast part of the property are listed below.

| <u>Sample No.</u> | <u>Lead (ppm)</u> | <u>Zinc (ppm)</u> | <u>Copper (ppm)</u> | <u>Barium (ppm)</u> | <u>Silver (ppm)</u> |
|-------------------|-------------------|-------------------|---------------------|---------------------|---------------------|
| 90-Bor-1 | 7760 | 440 | 2000 | 450 | 16.0 |
| R5266 | 654 | 380 | 185 | 5120 | 1.0 |
| R5267 | 1130 | 460 | 1315 | 3940 | 22.8 |
| R5268 | 1895 | 452 | 910 | 990 | 1.0 |

The samples consist of thinly laminated quartz-sericite schist with about 30 to 60% boxwork cavities lined with brown iron-oxides. The boxworks are aligned along compositional layering in the rock. While the metal values are not economic in themselves, they are significant indicators of stratiform base metal mineralization considering the extremely leached nature of the rock specimens.

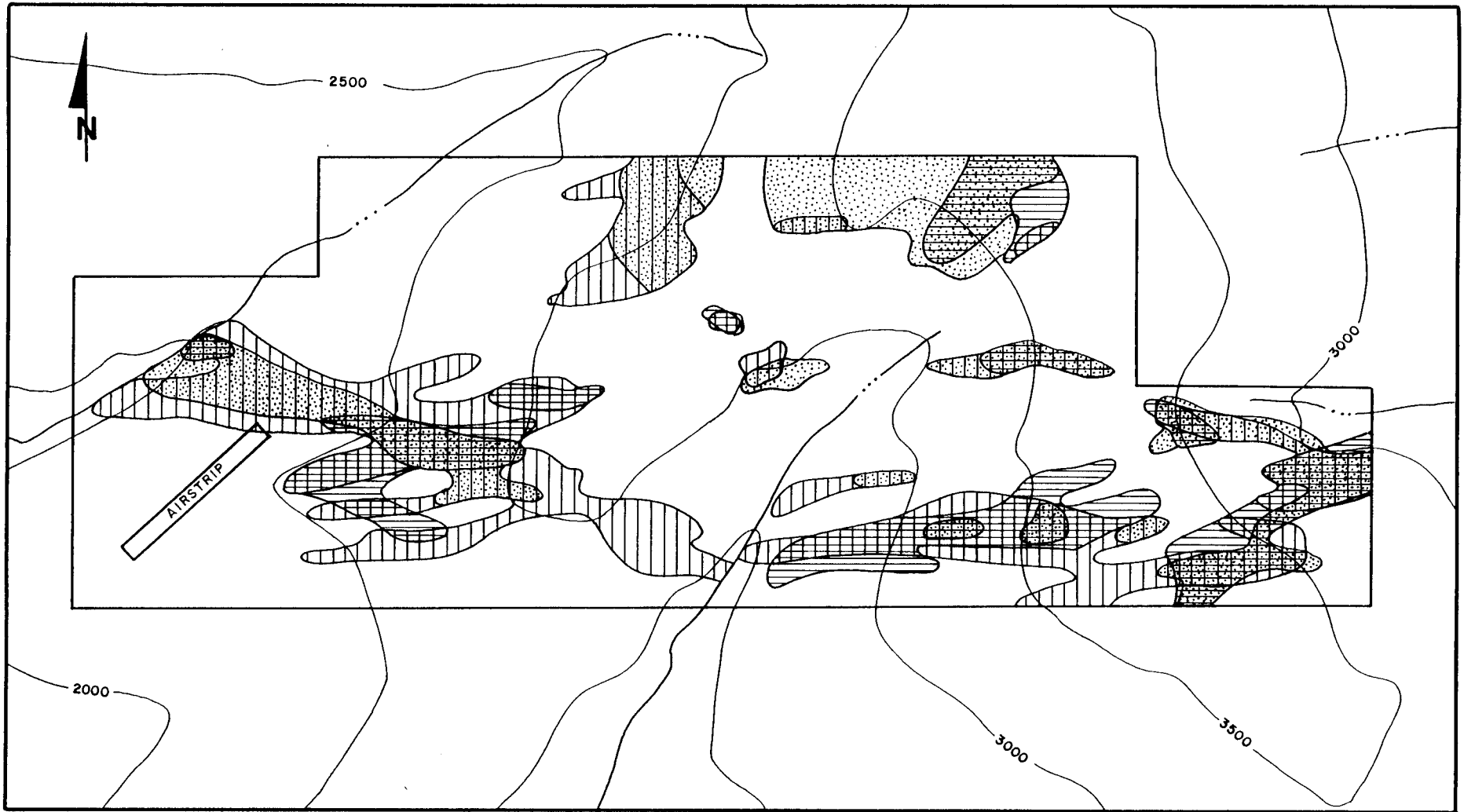
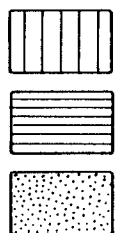


Figure 7

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
 YGC RESOURCES LTD.

GEOCHEMICAL COMPILATION

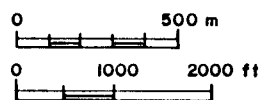
MATSON CREEK PROPERTY
 WEST-CENTRAL YUKON



150 - 1420 ppm Pb in soils

200 - 500 ppm Zn in soils

50 - 270 ppm Cu in soils



GEOCHEMISTRY

Most of the area of the present Matson Creek property was grid soil sampled by Moose Creek in 1978. The grid sampling was extended to the west and the east by Ocean Home in 1979. Results were filed for assessment credit and are publicly available. Five hundred and twenty-six soil samples were collected in 1978 and 107 silt and soil samples were collected the following year. The 1990 exploration by YGC included the collection of 144 soil samples and 5 rock samples.

The combined 1978-79 and 1990 grid soil sample surveys cover a 2 km wide area that extends for 7 km in an east-west direction, parallel to the structural fabric of underlying bedrock.

The 1978 samples were collected at 200 foot (61 m) intervals on lines spaced 1000 feet (305 m) apart. Sample locations were established by pace and compass and marked with a 60 cm wooden lath. Only one 1978 sample line was relocated in 1990, above the vegetation limit along the northerly-trending ridge in the east part of the property. A 1 km length of this line was re-established and checked for accuracy. Distance between the samples ranged from 42 to 76 m and lateral deviation from the north-south bearing of the line ranged up to 20 m on either side. The 1979 samples were collected at 100 foot (30.5 m) or 200 foot (61 m) intervals along claim lines. These were not relocated in 1990. The 1990 samples were collected at 50 m intervals on surveyed cut lines spaced 200 m apart. Sample locations were marked with a one metre wooden lath with the sample number labelled by lumber pencil (Figure 3).

Samples collected in 1978 and 1979 were sent to Fairbanks for analysis by Resource Associates of Alaska, Inc. Stream sediment and soil samples were dried and sieved to minus 80 mesh. Copper, lead, zinc and silver determinations were performed using atomic absorption spectroscopy (AA) on aqua-regia digestions of

2 gram samples. The 1990 soil samples were collected in pre-numbered Kraft paper bags and sent to Chemex Labs Ltd. in North Vancouver where they were prepared by drying and sieving to minus 80 mesh. Thirty-two element analysis, including those for all the major base metals and silver, were carried out on nitric aqua-regia digestion of 2 gram samples with induced coupled plasma (ICP) determination. Gold analyses were carried out on a separate 10 gram sample split by fire assay with atomic absorption spectroscopy finish (FA-AA). The 1990 analytical certificates are reproduced in Appendix III.

In all three sampling programs, soil samples were generally collected from the B Horizon although soil profiles in the area are not sufficiently developed to be reliably differentiated. Most samples were probably taken from mineral soils which include both B and C Horizons.

Results of all three geochemical surveys are compiled on Figures 4, 5 and 6 in the pocket and summarized on Figure 7 on the following page. Contour intervals were established based on the results of statistical analysis of the 1978 exploration data by Moose Creek. The 1979 program utilized the same lab and analytical methods as the 1978 exploration so the data should be compatible. The 1990 results are also plotted on the copper, lead and zinc maps. Inspection of the plots shows that range and variability of the 1990 data fall within those of the earlier results and, despite differing analytical techniques, the three data sets appear to be directly comparable.

Lead values have the highest contrast, ranging from 4 to 1420 ppm (Figure 4). Background values are less than 50 ppm. Contoured lead data reveals a 100 to 500 m wide zone of moderate to very high values that is continuous over the complete length of the 7 km long grid and extends off the area of sampling at both ends. The lead anomaly is roughly linear in shape, following the surficial

trace expected for a stratiform source that parallels compositional layering in underlying bedrock which dips south. Several other less well defined anomalies parallel the main zone to the north.

Zinc values in soils range between 8 and 500 ppm with background values ranging up to 75 ppm (Figure 5). Although the zinc contents of soil samples do not have the dramatic contrast between background and peak values similar to the lead data, the anomalous values coincide well with the lead anomalies.

Copper response is subdued. Backgrounds range up to 35 ppm while values in soils in the area sampled vary between 5 and 270 ppm (Figure 6). The contoured copper anomalies are somewhat discontinuous although they correlate well with the best lead and zinc values. The high lead versus copper and zinc values in soils on the property probably reflects the relatively higher geochemical mobility of copper and zinc with respect to lead in highly weathered terranes rather than reflecting metal ratios of primary bedrock mineralization.

The contoured soil geochemical data demonstrates a strong relationship between lead, zinc and copper values. Several anomalous zones are present. These roughly parallel stratigraphy and probably represent several stratigraphic/structural mineralized horizons or fold repeats of a single horizon. Insufficient prospecting and geological mapping have been carried out to define the type of mineral deposit present, however rock samples collected from the eastern part of the main geochemical anomaly contain banded limonitic and boxwork horizons characteristic of leached disseminated to semi-massive stratiform mineralization. Farther to the west in the area of the strongest geochemical response, northeast of the airstrip, the multi-element geochemical anomaly occurs within a 100 m wide zone of recessive, decomposed and very limonitic quartz-sericite schist.

SUMMARY AND RECOMMENDATIONS

The Matson Creek property is 100% owned by YGC Resources Ltd. The claim group covers an extensive coincident lead-zinc-copper geochemical anomaly outlined by previous operators. Sampling carried out in 1990 confirmed the original results.

The Matson Creek area is an unglaciated peneplain. Total oxidation of sulphide mineralization likely exceeds several tens of metres and surface exposures are completely leached of metals. Geochemical response for more soluble metals, such as copper and zinc, is accordingly much more subdued compared to the geochemical signature of base metal mineralization in glaciated regions. Lead, being less soluble, is probably the best geochemical indicator to direct further surface work.

The Matson Creek property covers a volcanogenic massive sulphide exploration target. A 7 km long coincident lead-zinc-copper soil geochemical anomaly parallels compositional layering in Paleozoic quartz-mica schists that have been interpreted as a metamorphosed felsic volcanic sequence. Float samples of oxidized and leached schist with boxwork texture after disseminated and laminated sulphide minerals have been located by prospecting ⁱⁿ an area of weak to moderate strength geochemical response. This probably represents the distal facies of mineralization. The best economic potential lies about 4 km west of the former area where a 1 km long intense geochemical anomaly is associated with a 100 m wide unit of recessive, decomposed and very limonitic quartz-sericite schist.

Further exploration should consist of linecutting, grid soil sampling, geophysical surveys and property-scale geological mapping with follow-up bulldozer trenching to establish targets for diamond drilling. The anomalies extend off the perimeter of the existing property and they are open along strike in unsampled areas. Additional reconnaissance-scale exploration should be carried out and the claim group enlarged to cover the full extent of the anomalous zone. A proposed budget for this work follows.

PROPOSED MATSON CREEK PROPERTY 1991 EXPLORATION BUDGET

Salaries

Geologist for 6 months; 3 labourers for 3 months;
60 days senior supervision; expediting, accounting and
secretarial \$ 55,000

Field Room and Board - 500 mandays @ \$70/day 35,000

Bulldozer - 300 hrs D-7 @ \$100/hr, including fuel 30,000

Assaying and Geochemical 24,000

Travel and Freight 15,000

Truck Rental

small four-wheel drive \$8,000
all terrain vehicle 6,000 14,000

Drafting and Printing 10,000

Fixed Wing Support 9,500

Linecutting - 30 km @ \$300/km 9,000

Geophysical Survey 5,000

Assessment Filing 5,000

Management 10,000

Contingency 8,500

TOTAL - \$230,000

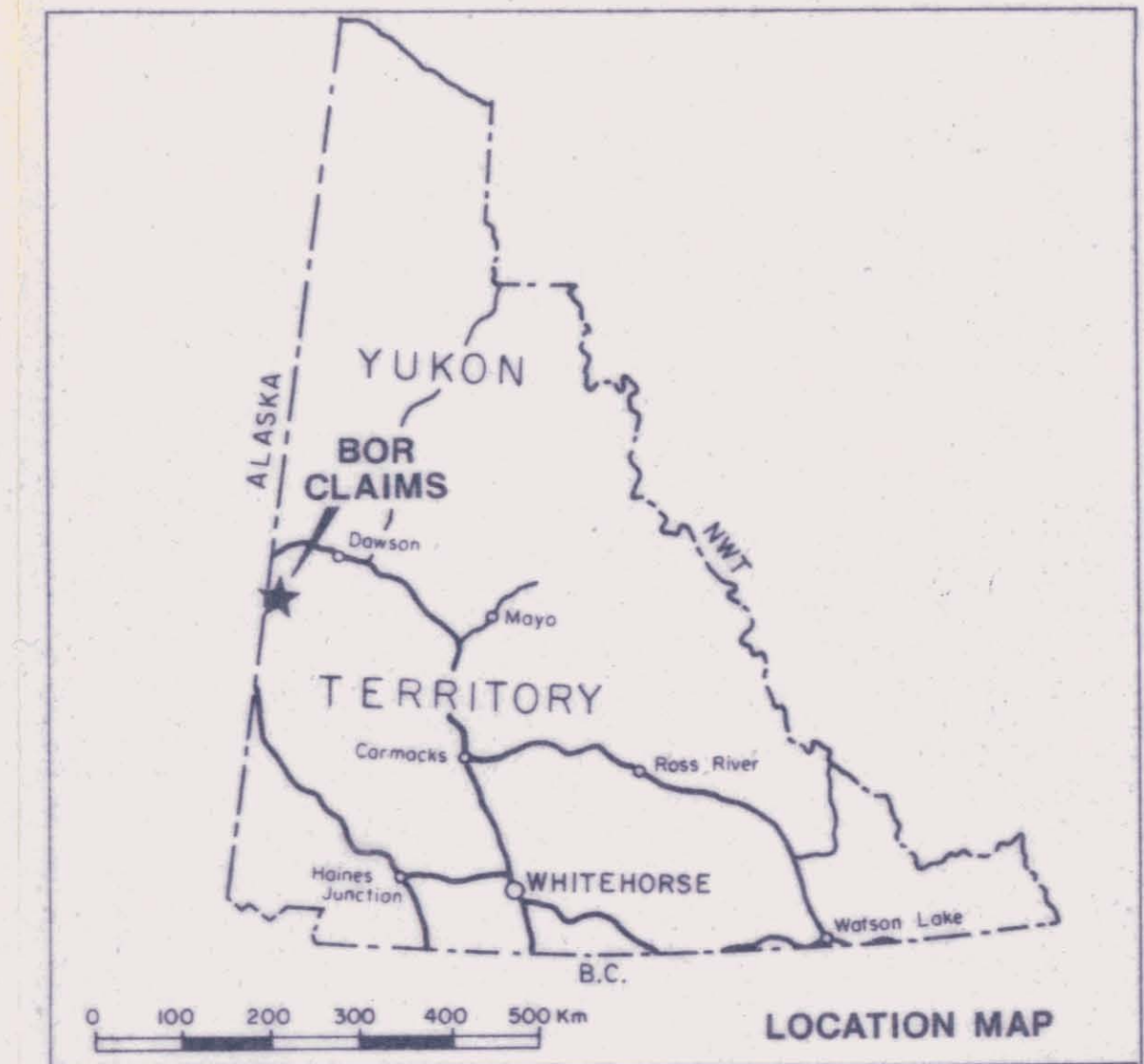
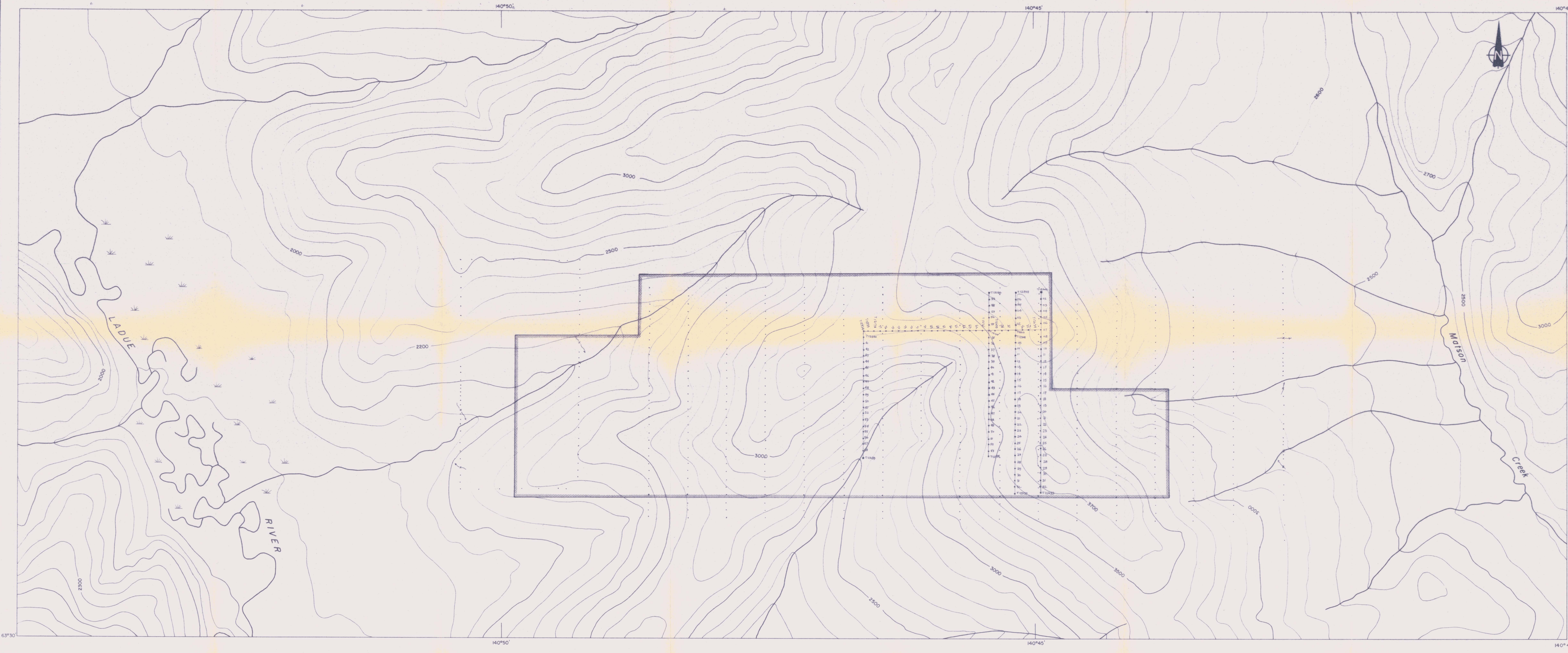
Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED



R.C. Carne, M.Sc.

K. Sax, B.A.Sc.

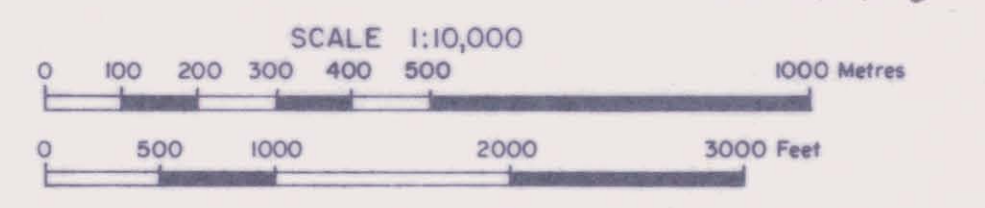


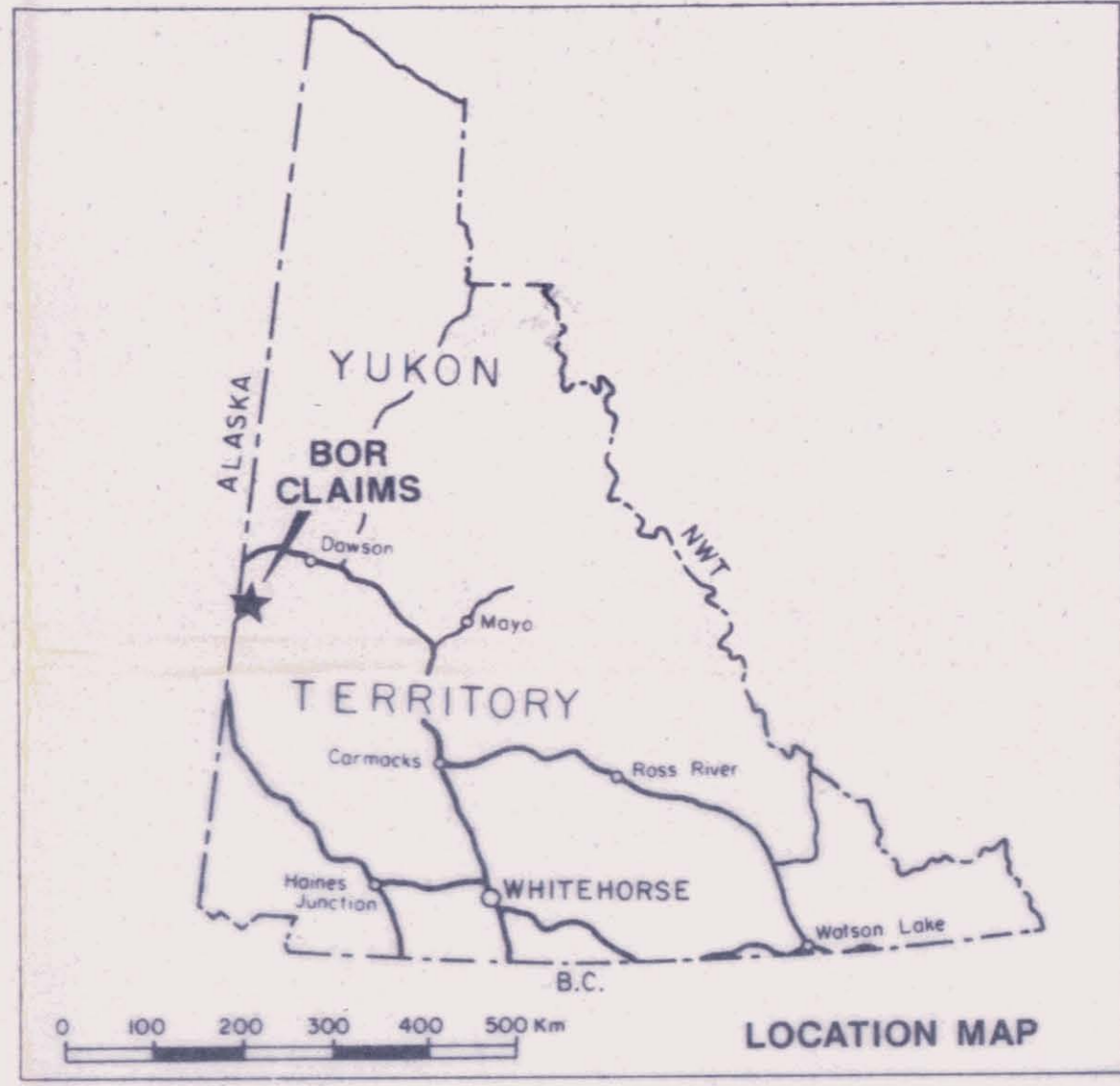
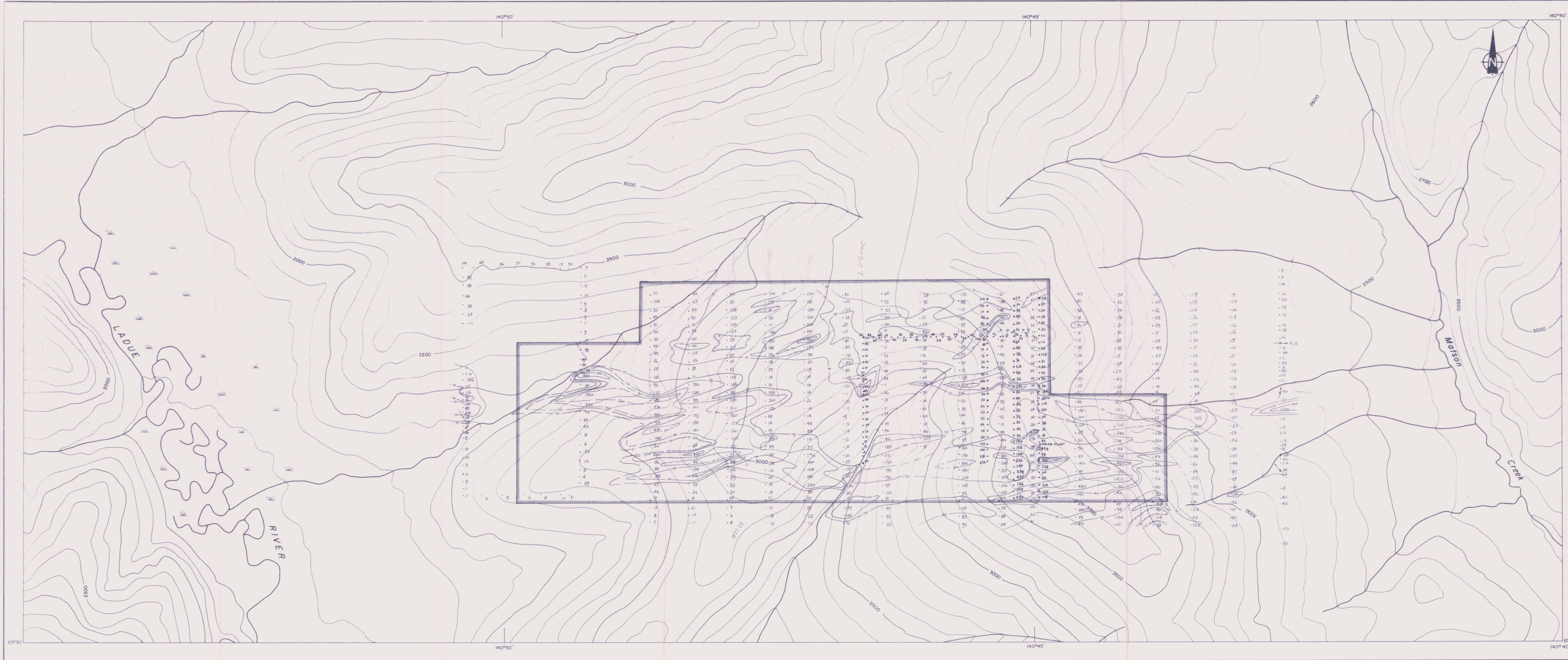
Soil sample location (1977 - 1979) without sample number
 Soil sample location (1990) with sample location number

Figure 3
 ARCHER, CATRO & ASSOCIATES (1981) LIMITED
SAMPLE LOCATION
 MATSON CREEK PROPERTY
 BOR CLAIMS
 YGC RESOURCES LTD.

092953

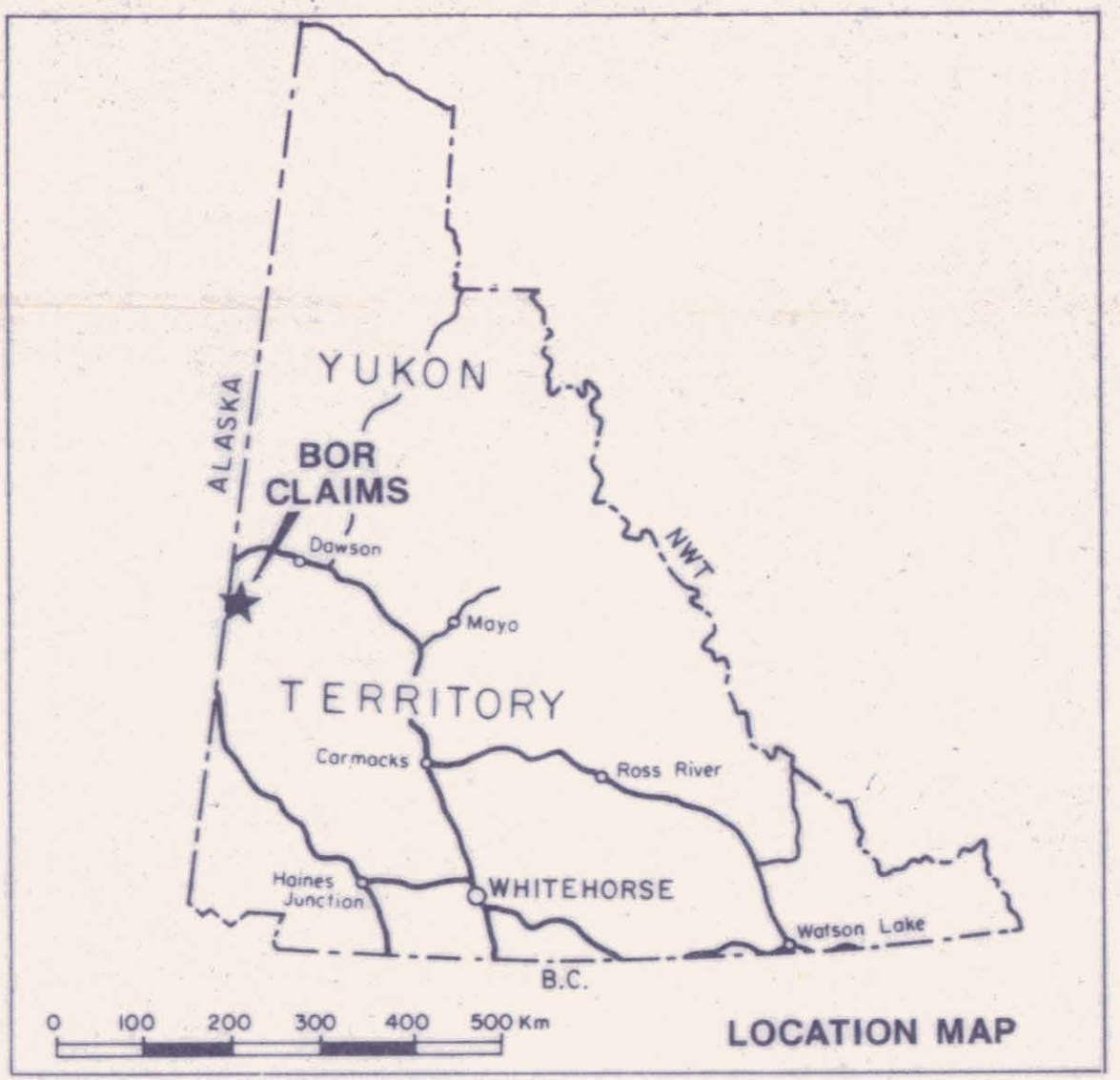
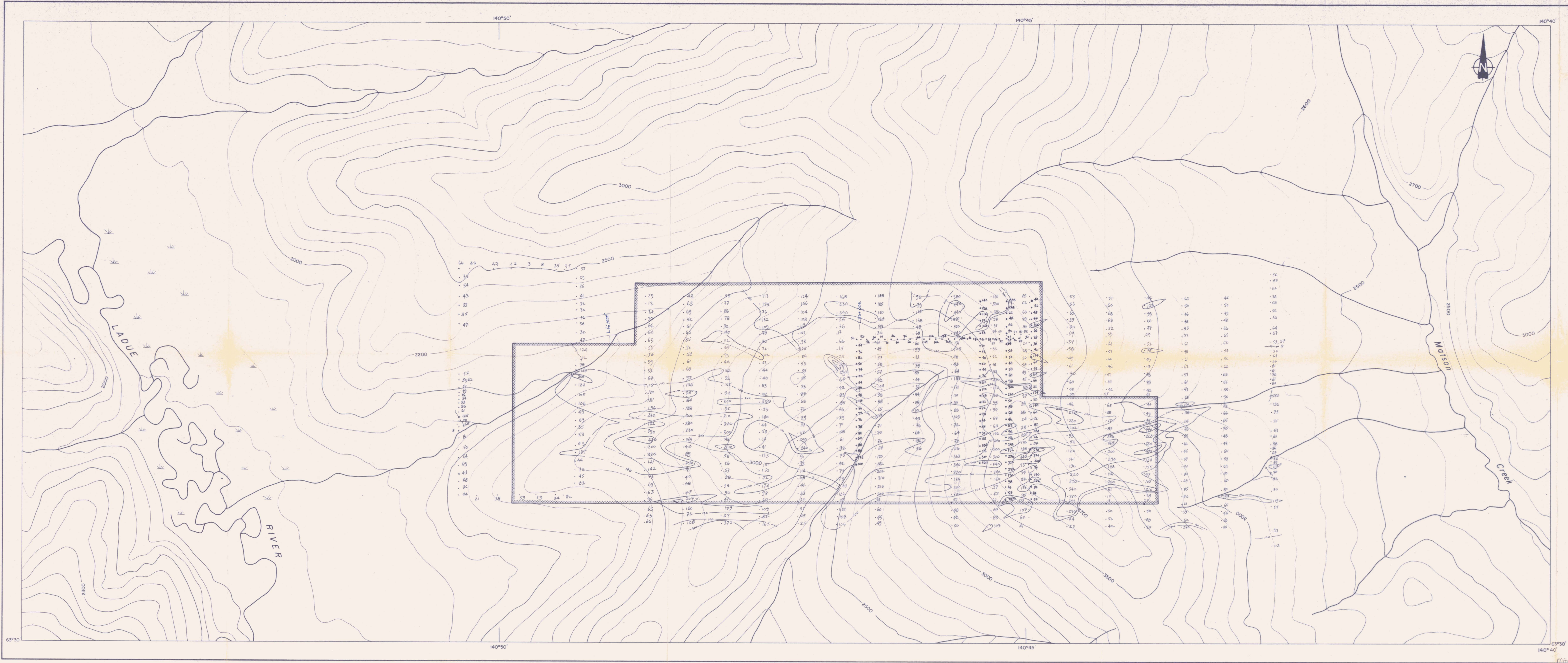
DWG 112





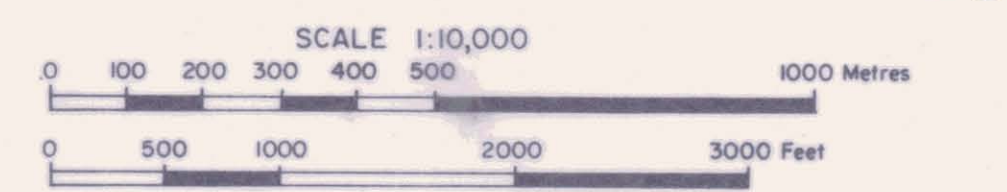
- 98 Soil sample location (1990) with lead values in ppm.
 - 101 Soil sample location (1977-79) " " " "
 - 67 Soil sample location (1977-79) " " " "
- ≥ 600 ppm
 - ≥ 300 ppm, < 600 ppm
 - ≥ 150 ppm, < 300 ppm
 - ≥ 75 ppm, < 150 ppm

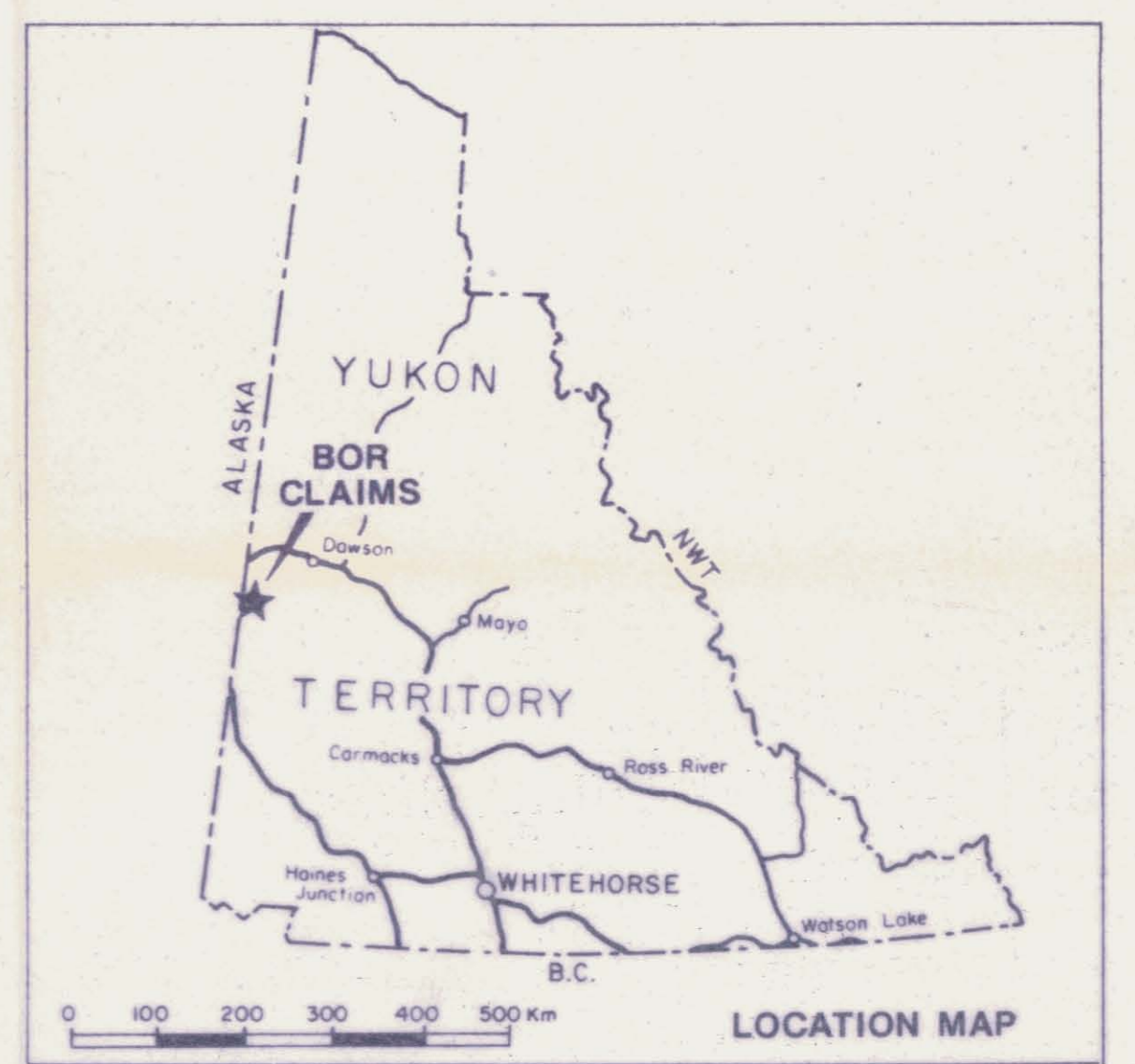
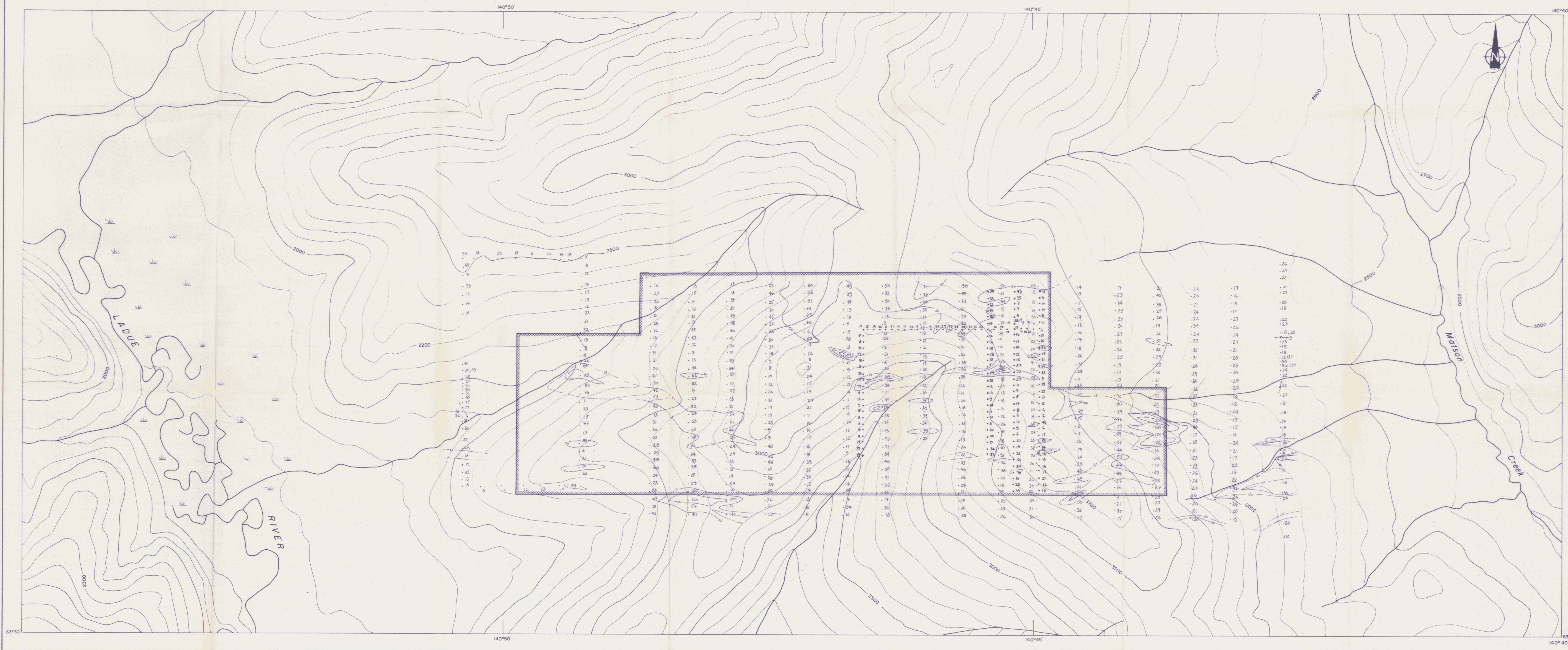
Figure 4
 ARCHER, CATRO & ASSOCIATES (1981) LIMITED
LEAD GEOCHEMISTRY
 MATSON CREEK PROPERTY
 BOR CLAIMS
 YGC RESOURCES LTD. **092953**
 SCALE 1:10,000
 0 100 200 300 400 500 1000 Metres
 0 500 1000 2000 3000 Feet



- 212 Soil sample location (1990) with zinc values in ppm.
 - 67 Soil sample location (1977-79) zinc values in ppm.
 - 177 Silt sample location (1977-79) zinc values in ppm.
- >400 ppm.
 - ≥200 ppm, <400 ppm.
 - ≥100ppm, <200 ppm.

Figure 5
 ARCHER, CATIRO & ASSOCIATES (1981) LIMITED
ZINC GEOCHEMISTRY
 MATSON CREEK PROPERTY
 BOR CLAIMS
 YGC RESOURCES LTD.





- 63 Soil sample location (1990) with copper in ppm.
 - 45 Soil sample location (1977-79) with copper in ppm.
 - Silt sample location (1977-79) with copper in ppm.
- ≥ 200 ppm
 - ≥ 100 ppm, < 200 ppm
 - ≥ 50 ppm, < 100 ppm

Figure 6
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
COPPER GEOCHEMISTRY
 MATSON CREEK PROPERTY
 BOR CLAIMS
 YGC RESOURCES LTD.
 DWG 115
 092953

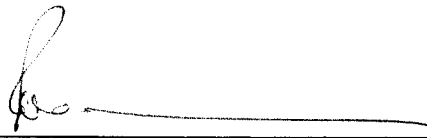
SCALE 1:10,000
 0 100 200 300 400 500 1000 Metres
 0 500 1000 2000 3000 Feet

APPENDIX I
AUTHORS' STATEMENTS OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Robert C. Carne, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Burnaby, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 1974 with a B.Sc. and in 1979 with an M.Sc. majoring in Geological Sciences.
2. I am a member of the Geological Association of Canada.
3. From 1974 to present, I have been actively engaged as a geologist in mineral exploration in British Columbia and Yukon Territory and on June 1, 1981 became a partner of Archer, Cathro & Associates (1981) Limited.
3. I have personally participated in or supervised the field work reported herein and have interpreted all data resulting from this work.

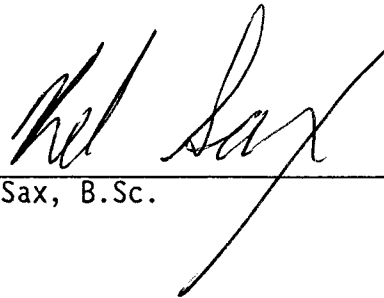


Robert C. Carne, B.Sc., M.Sc.

STATEMENT OF QUALIFICATIONS

I, Kelinda Sax, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia do hereby certify that:

1. I graduated from the Michigan Technological University in 1989 with a B.Sc. in geological engineering.
2. I graduated from the Haileybury School of Mines in 1986 as a Mining Engineering Technician.
3. From 1981 to present, I have been actively engaged in mineral exploration in British Columbia and Yukon Territory and am presently employed with Archer, Cathro & Associates (1981) Limited.
4. I have personally participated in and supervised the field work reported herein.



K. Sax, B.Sc.

APPENDIX II
LIST OF PERSONNEL

LIST OF PERSONNEL

| <u>NAME</u> | <u>POSITION</u> |
|-------------|------------------|
| R. Carne | Senior Geologist |
| K. Sax | Geologist |
| T. Becker | Geologist |
| C. Getz | Geologist |
| K. Owerko | Field Assistant |
| C. Vig | Catskinner |

APPENDIX III
ANALYTICAL CERTIFICATES



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

RICHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Project : YGC
Comments:

Page Num. : A
Total Page:
Invoice Date: 30-AUG-90
Invoice No.: I-9021535
P.O. Number:

CERTIFICATE OF ANALYSIS A9021535

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppm | K % | La ppm | Mg % | Mn ppm |
|--------------------|-----------|-----|--------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|-------|--------|--------|------|--------|------|--------|
| | | | FA+AA | | | | | | | | | | | | | | | | | | |
| T12001 | 205 | 294 | < 5 | < 0.2 | 3.71 | < 5 | 760 | 0.5 | < 2 | 0.98 | < 0.5 | 54 | 126 | 75 | 14.30 | 20 | < 1 | 0.32 | 30 | 0.92 | 4930 |
| T12002 | 205 | 294 | < 5 | < 0.2 | 0.60 | < 5 | 140 | < 0.5 | < 2 | 0.06 | < 0.5 | 1 | 44 | < 1 | 0.82 | < 10 | < 1 | 0.30 | 20 | 0.53 | 165 |
| 90-BAL-R-KS-1 | 205 | 294 | < 5 | < 0.2 | 0.76 | 5 | 440 | < 0.5 | < 2 | 0.12 | < 0.5 | 13 | 146 | 3 | 3.58 | < 10 | < 1 | 0.45 | < 10 | 0.10 | 155 |
| 90-BAL-R-KS-2 | 205 | 294 | < 5 | < 0.2 | 1.63 | 5 | 500 | < 0.5 | < 2 | 1.34 | < 0.5 | 22 | 147 | 10 | 4.44 | 10 | < 1 | 0.85 | 30 | 0.70 | 775 |
| 90-BAL-R-KS-3 | 205 | 294 | < 5 | < 0.2 | 0.46 | 15 | 830 | < 0.5 | < 2 | 0.03 | < 0.5 | < 1 | 203 | 140 | 8.23 | < 10 | < 1 | 0.07 | < 10 | 0.02 | 200 |
| 90-BOR-R-KS-1 | 205 | 294 | 15 | 16.0 | 0.62 | 30 | 450 | < 0.5 | < 2 | 0.05 | < 0.5 | < 1 | 160 | 2000 | 13.95 | < 10 | < 1 | 1.16 | 10 | 0.09 | 50 |

CERTIFICATION:

B. Coughlin



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

RESEARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
WHITEHORSE, YT
Y1A 3S9

Page Number: B
Total Pages:
Invoice Date: 30-AUG-90
Invoice No.: I-9021535
P.O. Number:

Project: YGC
Comments:

CERTIFICATE OF ANALYSIS

A9021535

| SAMPLE DESCRIPTION | PREP CODE | | Mo | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
|--------------------|-----------|-----|-----|--------|-----|------|------|-----|-----|-----|--------|------|------|-----|------|-----|
| | | | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| T12001 | 205 | 294 | 1 | 0.09 | 189 | 1340 | 2 | < 5 | 12 | 97 | 0.33 | < 10 | < 10 | 100 | 20 | 108 |
| T12002 | 205 | 294 | < 1 | < 0.01 | < 1 | 40 | < 2 | < 5 | 1 | 13 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 62 |
| 90-BAL-R-KS-1 | 205 | 294 | 5 | 0.02 | 10 | 420 | 10 | < 5 | 2 | 12 | 0.04 | < 10 | < 10 | 8 | < 10 | 12 |
| 90-BAL-R-KS-2 | 205 | 294 | 2 | 0.01 | 6 | 270 | 4 | < 5 | 4 | 23 | 0.05 | < 10 | < 10 | 14 | < 10 | 84 |
| 90-BAL-R-KS-3 | 205 | 294 | 6 | < 0.01 | 7 | 680 | 6 | < 5 | 1 | 6 | < 0.01 | < 10 | < 10 | 55 | < 10 | 72 |
| 90-BOR-R-KS-1 | 205 | 294 | 11 | 0.05 | 2 | 270 | 7760 | 10 | 2 | 19 | 0.01 | < 10 | < 10 | 4 | < 10 | 440 |

CERTIFICATION:

B. Coughlin



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

RESEARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
 WHITEHORSE, YT
 Y1A 3S9

Page No. 1-A
 Total Page 1
 Invoice Date: 23-SEP-90
 Invoice No.: I-9022370
 P.O. Number:

Project: YGC
 Comments:

CERTIFICATE OF ANALYSIS A9022370

| SAMPLE DESCRIPTION | PREP CODE | | Au | NAA | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | La | Mg | Mn |
|--------------------|-----------|-----|-----|-------|------|-----|------|-------|-----|------|--------|-----|-----|------|--------|------|-----|--------|------|--------|------|-----|
| | | | ppb | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | % | ppm |
| R5258 | 205 | 294 | 26 | 0.6 | 1.58 | 25 | 10 | < 0.5 | < 2 | 0.04 | < 0.5 | 24 | 194 | 177 | >15.00 | < 10 | < 1 | 0.05 | < 10 | 1.26 | 160 | |
| R5259 | 205 | 294 | 4 | < 0.2 | 1.02 | 10 | 10 | < 0.5 | < 2 | 0.02 | < 0.5 | 140 | 68 | 382 | 14.75 | < 10 | < 1 | 0.01 | < 10 | 0.98 | 125 | |
| R5260 | 205 | 294 | 25 | 8.8 | 0.08 | 10 | 100 | < 0.5 | 6 | 1.86 | >100.0 | 1 | 8 | 475 | 1.66 | < 10 | < 1 | 0.02 | < 10 | 0.02 | 40 | |
| R5261 | 205 | 294 | 16 | 18.6 | 0.01 | 5 | 260 | < 0.5 | 4 | 0.02 | 37.5 | < 1 | 3 | 262 | 0.81 | < 10 | < 1 | < 0.01 | < 10 | < 0.01 | < 5 | |
| R5262 | 205 | 294 | 44 | 57.0 | 0.27 | 195 | 1320 | < 0.5 | < 2 | 0.01 | 1.5 | < 1 | 28 | 62 | 14.15 | < 10 | 7 | 0.13 | < 10 | 0.02 | 15 | |
| R5263 | 205 | 294 | 13 | 4.0 | 0.29 | 5 | 4540 | < 0.5 | 6 | 0.06 | 1.0 | 1 | 111 | 80 | 2.31 | < 10 | 16 | 0.10 | 20 | 0.04 | 75 | |
| R5264 | 205 | 294 | 1 | 1.8 | 0.24 | < 5 | 4050 | < 0.5 | < 2 | 0.02 | 3.0 | 3 | 76 | 114 | 3.75 | < 10 | < 1 | 0.09 | 10 | 0.02 | 500 | |
| R5265 | 205 | 294 | 2 | 1.6 | 0.35 | 5 | 2440 | < 0.5 | < 2 | 0.02 | 5.0 | 6 | 55 | 226 | 6.65 | < 10 | < 1 | 0.07 | 10 | 0.01 | 1010 | |
| R5266 | 205 | 294 | 3 | 1.0 | 0.27 | 5 | 5120 | < 0.5 | < 2 | 0.02 | 1.0 | < 1 | 136 | 185 | 4.25 | < 10 | < 1 | 0.17 | 10 | 0.04 | 110 | |
| R5267 | 205 | 294 | 13 | 22.8 | 0.53 | 10 | 3940 | < 0.5 | 66 | 0.02 | < 0.5 | < 1 | 225 | 1315 | 6.52 | < 10 | < 1 | 0.06 | < 10 | 0.11 | 65 | |
| R5268 | 205 | 294 | 13 | 1.0 | 0.56 | 15 | 990 | < 0.5 | < 2 | 0.01 | < 0.5 | < 1 | 119 | 910 | >15.00 | < 10 | < 1 | 0.36 | 10 | 0.03 | 40 | |
| T14414 | 205 | 294 | < 1 | < 0.2 | 0.38 | < 5 | 1190 | < 0.5 | < 2 | 0.05 | < 0.5 | < 1 | 35 | 455 | >15.00 | < 10 | < 1 | < 0.01 | < 10 | 0.11 | 200 | |
| T14415 | 205 | 294 | < 1 | < 0.2 | 0.54 | < 5 | 580 | < 0.5 | < 2 | 0.11 | < 0.5 | < 1 | 110 | 890 | >15.00 | < 10 | < 1 | < 0.01 | < 10 | 0.25 | 555 | |
| T14416 | 205 | 294 | < 1 | < 0.2 | 2.00 | 5 | 430 | < 0.5 | < 2 | 0.06 | < 0.5 | 1 | 155 | 22 | 5.91 | < 10 | < 1 | 0.62 | 30 | 0.66 | 330 | |

CERTIFICATION:

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ARCHER CATHRO & ASSOC. (1981) LTD.

P.O. BOX 4127
 WHITEHORSE, YT
 Y1A 3S9

Page No. 1-B
 Total Pages 1
 Invoice Date 23-SEP-90
 Invoice No. : I-9022370
 P.O. Number :

Project : YGC
 Comments:

CERTIFICATE OF ANALYSIS **A9022370**

| SAMPLE DESCRIPTION | PREP CODE | | Mo | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
|--------------------|-----------|-----|-----|------|-----|------|--------|-----|-----|-----|--------|------|------|-----|------|--------|
| | | | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| R5258 | 205 | 294 | 9 | 0.01 | 13 | 60 | 4 | 5 | 5 | 1 | 0.12 | < 10 | < 10 | 135 | < 50 | 76 |
| R5259 | 205 | 294 | 10 | 0.01 | 6 | 40 | < 2 | 5 | 4 | < 1 | < 0.01 | < 10 | < 10 | 68 | 30 | 26 |
| R5260 | 205 | 294 | 1 | 0.05 | < 1 | 70 | 2410 | < 5 | < 1 | 136 | < 0.01 | < 10 | < 10 | 1 | 50 | >10000 |
| R5261 | 205 | 294 | < 1 | 0.01 | < 1 | 20 | >10000 | 10 | < 1 | 133 | < 0.01 | < 10 | < 10 | < 1 | 10 | 6800 |
| R5262 | 205 | 294 | 18 | 0.01 | < 1 | 50 | 9680 | 95 | < 1 | 49 | < 0.01 | < 10 | < 10 | < 1 | 40 | 780 |
| R5263 | 205 | 294 | 2 | 0.01 | 10 | 450 | 1070 | 5 | 1 | 27 | < 0.01 | < 10 | < 10 | 14 | < 10 | 1025 |
| R5264 | 205 | 294 | 2 | 0.01 | 10 | 1130 | 3450 | 5 | < 1 | 41 | < 0.01 | < 10 | < 10 | 5 | < 10 | 800 |
| R5265 | 205 | 294 | 4 | 0.01 | 29 | 1870 | 4780 | 25 | 1 | 30 | < 0.01 | < 10 | < 10 | 5 | 10 | 1600 |
| R5266 | 205 | 294 | 9 | 0.03 | 4 | 230 | 654 | < 5 | < 1 | 35 | < 0.01 | < 10 | < 10 | < 1 | < 10 | 380 |
| R5267 | 205 | 294 | 3 | 0.01 | 3 | 550 | 1130 | < 5 | < 1 | 38 | 0.01 | < 10 | 60 | 14 | < 10 | 460 |
| R5268 | 205 | 294 | 23 | 0.05 | 3 | 1350 | 1895 | 5 | 1 | 97 | < 0.01 | < 10 | < 10 | < 1 | < 50 | 452 |
| T14414 | 205 | 294 | 1 | 0.01 | 14 | 180 | 30 | 5 | 2 | 9 | 0.01 | < 10 | < 10 | < 1 | 50 | 494 |
| T14415 | 205 | 294 | < 1 | 0.01 | 28 | 270 | < 2 | 5 | 3 | 6 | 0.03 | < 10 | < 10 | 3 | 50 | 488 |
| T14416 | 205 | 294 | 3 | 0.03 | 7 | 320 | 24 | < 5 | 4 | 28 | 0.07 | < 10 | < 10 | 29 | < 10 | 132 |

CERTIFICATION: B. Coughlin



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ARCHER CATHRO & ASSOC. (1981) LTD.

1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Page: 1-A
 Total: 4
 Invoice Date: 26-SEP-90
 Invoice No.: I-9023248
 P.O. Number:

Project: YGC-BOR
 Comments:

CERTIFICATE OF ANALYSIS A9023248

| SAMPLE DESCRIPTION | PREP CODE | Au ppb FA+AA | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppm | K % | La ppm | Mg % | Mn ppm |
|--------------------|-----------|-----------------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|
| T12134 | 203 205 | < 5 | 0.2 | 1.66 | 15 | 140 | < 0.5 | < 2 | 0.14 | < 0.5 | 4 | 63 | 15 | 2.49 | < 10 | 1 | 0.20 | 20 | 0.33 | 190 |
| T12135 | 203 205 | < 5 | 0.6 | 1.09 | < 5 | 170 | < 0.5 | < 2 | 0.08 | < 0.5 | 1 | 88 | 12 | 1.84 | < 10 | < 1 | 0.29 | 40 | 0.27 | 105 |
| T12136 | 203 205 | < 5 | 0.2 | 1.54 | < 5 | 190 | < 0.5 | < 2 | 0.16 | < 0.5 | 5 | 71 | 14 | 2.18 | < 10 | < 1 | 0.16 | 20 | 0.59 | 360 |
| T12137 | 203 205 | < 5 | 0.2 | 1.78 | 5 | 210 | < 0.5 | < 2 | 0.18 | < 0.5 | 4 | 85 | 18 | 2.44 | < 10 | < 1 | 0.15 | 30 | 0.66 | 315 |
| T12138 | 203 205 | < 5 | 0.4 | 1.73 | 5 | 160 | < 0.5 | < 2 | 0.16 | < 0.5 | 8 | 61 | 28 | 2.34 | < 10 | < 1 | 0.21 | 50 | 0.78 | 440 |
| T12139 | 203 205 | < 5 | 0.2 | 1.51 | < 5 | 290 | < 0.5 | < 2 | 0.16 | < 0.5 | 3 | 63 | 18 | 2.11 | < 10 | < 1 | 0.16 | 70 | 0.33 | 165 |
| T12140 | 203 205 | < 5 | 0.6 | 1.18 | 10 | 170 | < 0.5 | < 2 | 0.10 | < 0.5 | 5 | 60 | 31 | 1.85 | < 10 | < 1 | 0.18 | 40 | 0.26 | 410 |
| T12141 | 203 205 | < 5 | 0.4 | 2.36 | 5 | 150 | < 0.5 | 2 | 0.11 | < 0.5 | 7 | 79 | 109 | 5.61 | 10 | < 1 | 0.24 | 20 | 1.31 | 555 |
| T12142 | 203 205 | < 5 | < 0.2 | 0.89 | < 5 | 140 | < 0.5 | < 2 | 0.21 | < 0.5 | 4 | 27 | 28 | 2.03 | < 10 | < 1 | 0.17 | 10 | 0.45 | 320 |
| T12143 | 203 205 | < 5 | 0.6 | 1.22 | 10 | 230 | < 0.5 | < 2 | 0.07 | < 0.5 | 4 | 47 | 16 | 2.87 | 10 | < 1 | 0.45 | 60 | 0.42 | 275 |
| T12144 | 203 205 | < 5 | 0.8 | 1.08 | < 5 | 200 | < 0.5 | < 2 | 0.08 | < 0.5 | 4 | 49 | 13 | 2.71 | 10 | 1 | 0.42 | 60 | 0.35 | 255 |
| T12145 | 203 205 | < 5 | 0.6 | 1.27 | 5 | 210 | < 0.5 | 2 | 0.08 | < 0.5 | 4 | 52 | 9 | 3.02 | 10 | < 1 | 0.46 | 50 | 0.45 | 565 |
| T12146 | 203 205 | < 5 | 0.6 | 1.24 | < 5 | 160 | < 0.5 | < 2 | 0.06 | < 0.5 | 3 | 40 | 14 | 2.72 | 10 | 1 | 0.34 | 30 | 0.32 | 395 |
| T12147 | 203 205 | < 5 | 0.6 | 1.29 | < 5 | 200 | < 0.5 | < 2 | 0.07 | < 0.5 | 2 | 40 | 11 | 3.24 | 10 | < 1 | 0.41 | 50 | 0.33 | 270 |
| T12148 | 203 205 | < 5 | 1.0 | 1.08 | 5 | 280 | < 0.5 | 2 | 0.04 | < 0.5 | 2 | 36 | 10 | 3.61 | 10 | < 1 | 0.52 | 80 | 0.18 | 210 |
| T12149 | 203 205 | < 5 | 0.4 | 1.41 | < 5 | 210 | < 0.5 | 2 | 0.05 | < 0.5 | 2 | 49 | 8 | 2.77 | < 10 | < 1 | 0.71 | 60 | 0.81 | 470 |
| T12150 | 203 205 | < 5 | 0.6 | 1.60 | 10 | 190 | < 0.5 | < 2 | 0.10 | < 0.5 | 5 | 49 | 20 | 3.36 | < 10 | 1 | 0.52 | 60 | 0.67 | 430 |
| T12151 | 203 205 | < 5 | 0.4 | 1.77 | < 5 | 220 | < 0.5 | 4 | 0.06 | < 0.5 | 1 | 36 | 22 | 3.67 | 10 | < 1 | 0.53 | 30 | 1.36 | 330 |
| T12152 | 203 205 | < 5 | 0.2 | 1.11 | 5 | 250 | < 0.5 | 4 | 0.09 | < 0.5 | 4 | 41 | 21 | 2.02 | < 10 | 1 | 0.31 | 30 | 0.46 | 395 |
| T12153 | 203 205 | < 5 | 0.4 | 1.18 | < 5 | 160 | < 0.5 | 2 | 0.16 | 0.5 | 3 | 49 | 34 | 1.84 | < 10 | < 1 | 0.23 | 20 | 0.62 | 195 |
| T12154 | 203 205 | < 5 | 0.2 | 1.04 | < 5 | 140 | < 0.5 | 4 | 0.13 | 0.5 | 4 | 54 | 39 | 1.74 | < 10 | < 1 | 0.20 | 10 | 0.77 | 470 |
| T12155 | 203 205 | < 5 | 0.4 | 0.57 | 15 | 110 | < 0.5 | < 2 | 0.05 | < 0.5 | 1 | 43 | 14 | 1.64 | < 10 | < 1 | 0.28 | 20 | 0.16 | 90 |
| T12156 | 203 205 | < 5 | < 0.2 | 2.25 | 10 | 120 | < 0.5 | 4 | 0.21 | < 0.5 | 18 | 59 | 86 | 4.07 | < 10 | < 1 | 0.30 | 10 | 1.46 | 1160 |
| T12157 | 203 205 | < 5 | 0.2 | 1.88 | < 5 | 120 | < 0.5 | 2 | 0.20 | < 0.5 | 12 | 54 | 39 | 2.63 | < 10 | < 1 | 0.17 | < 10 | 1.31 | 460 |
| T12158 | 203 205 | < 5 | < 0.2 | 2.11 | 10 | 100 | < 0.5 | 4 | 0.24 | < 0.5 | 13 | 45 | 62 | 3.29 | < 10 | < 1 | 0.16 | < 10 | 1.08 | 590 |
| T12159 | 203 205 | < 5 | < 0.2 | 2.56 | < 5 | 80 | 0.5 | 4 | 0.31 | < 0.5 | 14 | 59 | 33 | 3.23 | < 10 | < 1 | 0.39 | < 10 | 2.33 | 1205 |
| T12160 | 203 205 | < 5 | 0.2 | 1.81 | < 5 | 90 | < 0.5 | 2 | 0.19 | 0.5 | 5 | 48 | 37 | 2.75 | < 10 | < 1 | 0.17 | 10 | 0.92 | 530 |
| T12161 | 203 205 | < 5 | 0.6 | 1.39 | < 5 | 150 | < 0.5 | 2 | 0.15 | < 0.5 | 2 | 46 | 28 | 1.81 | < 10 | < 1 | 0.18 | 20 | 0.23 | 125 |
| T12162 | 203 205 | < 5 | 0.4 | 0.93 | 10 | 120 | < 0.5 | < 2 | 0.09 | < 0.5 | 1 | 42 | 13 | 1.48 | < 10 | < 1 | 0.20 | 30 | 0.24 | 125 |
| T12163 | 203 205 | < 5 | 0.2 | 2.10 | 15 | 140 | 0.5 | < 2 | 0.21 | < 0.5 | 9 | 50 | 61 | 3.64 | 10 | < 1 | 0.28 | 10 | 1.05 | 750 |
| T12164 | 203 205 | < 5 | < 0.2 | 2.09 | 15 | 110 | 0.5 | 2 | 0.28 | < 0.5 | 8 | 88 | 38 | 2.94 | 10 | < 1 | 0.20 | 10 | 1.18 | 520 |
| T12165 | 203 205 | < 5 | < 0.2 | 1.58 | 15 | 100 | 0.5 | 4 | 0.19 | < 0.5 | 29 | 36 | 38 | 2.46 | < 10 | < 1 | 0.13 | < 10 | 0.96 | 1930 |
| T12166 | 203 205 | < 5 | 0.2 | 1.87 | 15 | 150 | 0.5 | < 2 | 0.21 | < 0.5 | 15 | 63 | 59 | 2.70 | < 10 | < 1 | 0.15 | 10 | 1.02 | 1800 |
| T12167 | 203 205 | < 5 | 0.4 | 1.66 | 20 | 100 | < 0.5 | < 2 | 0.22 | < 0.5 | 7 | 45 | 29 | 2.52 | 10 | < 1 | 0.18 | 10 | 1.12 | 630 |
| T12168 | 203 205 | 20 | 0.2 | 2.24 | 10 | 180 | 0.5 | 2 | 0.32 | < 0.5 | 16 | 58 | 71 | 2.97 | 10 | < 1 | 0.25 | 10 | 1.27 | 975 |
| T12169 | 203 205 | < 5 | 0.4 | 1.17 | 20 | 80 | 0.5 | < 2 | 0.05 | < 0.5 | 2 | 23 | 9 | 2.30 | < 10 | < 1 | 0.22 | 40 | 0.35 | 245 |
| T12170 | 203 205 | < 5 | 0.2 | 1.90 | 20 | 170 | 0.5 | < 2 | 0.16 | < 0.5 | 8 | 58 | 15 | 3.11 | 10 | < 1 | 0.13 | 10 | 0.46 | 725 |
| T12171 | 203 205 | < 5 | 0.4 | 1.60 | 15 | 130 | < 0.5 | < 2 | 0.11 | < 0.5 | 5 | 34 | 12 | 2.35 | 10 | < 1 | 0.09 | 10 | 0.31 | 530 |
| T12172 | 203 205 | < 5 | 0.6 | 1.95 | < 5 | 160 | < 0.5 | < 2 | 0.11 | < 0.5 | 13 | 43 | 10 | 3.20 | 10 | < 1 | 0.08 | 10 | 0.35 | 1290 |
| T12173 | 203 205 | < 5 | 0.6 | 2.04 | 20 | 170 | < 0.5 | 2 | 0.22 | < 0.5 | 4 | 43 | 11 | 3.12 | 10 | < 1 | 0.14 | 10 | 0.38 | 255 |

CERTIFICATION:

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ARCHER CATHRO & ASSOC. (1981) LTD.

1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
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Page No. : 1-B
 Total P. : 4
 Invoice Date: 26-SEP-90
 Invoice No. : I-9023248
 P.O. Number :

Project : YGC-BOR
 Comments:

CERTIFICATE OF ANALYSIS

A9023248

| SAMPLE DESCRIPTION | PREP CODE | | Mo | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
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| | | | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| T12134 | 203 | 205 | 2 | 0.02 | 11 | 220 | 66 | < 5 | 2 | 14 | 0.06 | < 10 | < 10 | 39 | 10 | 50 |
| T12135 | 203 | 205 | 2 | 0.02 | 3 | 330 | 48 | < 5 | 1 | 16 | 0.02 | < 10 | < 10 | 23 | < 10 | 30 |
| T12136 | 203 | 205 | < 1 | 0.02 | 7 | 270 | 10 | < 5 | 3 | 16 | 0.07 | < 10 | < 10 | 37 | < 10 | 46 |
| T12137 | 203 | 205 | 1 | 0.02 | 9 | 270 | 16 | < 5 | 4 | 15 | 0.06 | < 10 | < 10 | 41 | < 10 | 48 |
| T12138 | 203 | 205 | 1 | 0.01 | 14 | 330 | 36 | < 5 | 4 | 13 | 0.05 | 10 | < 10 | 38 | 10 | 60 |
| T12139 | 203 | 205 | 2 | 0.02 | 11 | 380 | 40 | < 5 | 2 | 16 | 0.06 | < 10 | < 10 | 40 | < 10 | 44 |
| T12140 | 203 | 205 | 3 | 0.01 | 6 | 270 | 80 | < 5 | 2 | 12 | 0.04 | < 10 | < 10 | 27 | < 10 | 76 |
| T12141 | 203 | 205 | 2 | 0.02 | 11 | 430 | 246 | < 5 | 6 | 16 | 0.02 | < 10 | < 10 | 48 | 10 | 310 |
| T12142 | 203 | 205 | 1 | 0.05 | 5 | 410 | 180 | < 5 | 2 | 18 | 0.04 | < 10 | 10 | 27 | 10 | 120 |
| T12143 | 203 | 205 | 2 | 0.01 | 5 | 480 | 66 | < 5 | 2 | 35 | 0.06 | 10 | < 10 | 22 | 10 | 108 |
| T12144 | 203 | 205 | 1 | 0.01 | 6 | 430 | 32 | < 5 | 2 | 41 | 0.05 | 20 | < 10 | 19 | 10 | 122 |
| T12145 | 203 | 205 | 1 | 0.01 | 4 | 490 | 36 | < 5 | 2 | 47 | 0.08 | 20 | < 10 | 24 | 20 | 72 |
| T12146 | 203 | 205 | 1 | 0.02 | 3 | 370 | 62 | < 5 | 2 | 31 | 0.06 | 10 | < 10 | 22 | 10 | 78 |
| T12147 | 203 | 205 | 1 | 0.01 | 4 | 410 | 56 | < 5 | 2 | 41 | 0.07 | < 10 | < 10 | 24 | < 10 | 64 |
| T12148 | 203 | 205 | 3 | 0.02 | 5 | 540 | 40 | < 5 | 2 | 73 | 0.03 | 10 | < 10 | 17 | 10 | 44 |
| T12149 | 203 | 205 | < 1 | 0.01 | 2 | 410 | 18 | < 5 | 2 | 35 | 0.12 | 10 | < 10 | 11 | 10 | 92 |
| T12150 | 203 | 205 | 1 | 0.01 | 6 | 360 | 66 | < 5 | 3 | 29 | 0.14 | < 10 | < 10 | 31 | 10 | 118 |
| T12151 | 203 | 205 | 1 | 0.01 | 2 | 470 | 122 | < 5 | 4 | 25 | 0.08 | < 10 | < 10 | 32 | 20 | 194 |
| T12152 | 203 | 205 | 1 | 0.01 | 6 | 450 | 166 | < 5 | 2 | 33 | 0.04 | < 10 | < 10 | 17 | 10 | 176 |
| T12153 | 203 | 205 | < 1 | 0.01 | 6 | 420 | 218 | < 5 | 2 | 18 | 0.06 | 10 | 10 | 24 | 10 | 300 |
| T12154 | 203 | 205 | 1 | 0.01 | 5 | 340 | 226 | < 5 | 2 | 14 | 0.07 | < 10 | < 10 | 19 | < 10 | 422 |
| T12155 | 203 | 205 | < 1 | 0.02 | 4 | 290 | 154 | < 5 | 1 | 59 | 0.03 | < 10 | < 10 | 16 | < 10 | 58 |
| T12156 | 203 | 205 | 1 | 0.01 | 15 | 390 | 96 | < 5 | 6 | 20 | 0.09 | < 10 | < 10 | 44 | 10 | 220 |
| T12157 | 203 | 205 | < 1 | 0.02 | 14 | 270 | 46 | < 5 | 4 | 21 | 0.11 | < 10 | < 10 | 50 | < 10 | 192 |
| T12158 | 203 | 205 | < 1 | 0.01 | 13 | 340 | 10 | < 5 | 3 | 20 | 0.12 | < 10 | < 10 | 54 | < 10 | 114 |
| T12159 | 203 | 205 | < 1 | 0.01 | 13 | 250 | 36 | < 5 | 3 | 20 | 0.17 | < 10 | < 10 | 44 | 10 | 328 |
| T12160 | 203 | 205 | 1 | 0.01 | 7 | 260 | 116 | < 5 | 3 | 16 | 0.12 | < 10 | < 10 | 54 | 10 | 242 |
| T12161 | 203 | 205 | 2 | 0.03 | 10 | 480 | 110 | < 5 | 2 | 17 | 0.05 | < 10 | < 10 | 32 | < 10 | 50 |
| T12162 | 203 | 205 | < 1 | 0.01 | 6 | 190 | 134 | < 5 | 1 | 32 | 0.04 | 10 | < 10 | 22 | < 10 | 46 |
| T12163 | 203 | 205 | < 1 | 0.01 | 10 | 480 | 60 | < 5 | 7 | 23 | 0.09 | < 10 | < 10 | 51 | < 10 | 186 |
| T12164 | 203 | 205 | < 1 | 0.02 | 12 | 250 | 24 | < 5 | 4 | 26 | 0.12 | < 10 | < 10 | 55 | < 10 | 156 |
| T12165 | 203 | 205 | < 1 | 0.02 | 10 | 420 | 34 | < 5 | 2 | 15 | 0.06 | < 10 | < 10 | 38 | < 10 | 164 |
| T12166 | 203 | 205 | < 1 | 0.02 | 11 | 540 | 36 | < 5 | 3 | 18 | 0.06 | < 10 | < 10 | 45 | < 10 | 184 |
| T12167 | 203 | 205 | < 1 | 0.01 | 11 | 260 | 26 | < 5 | 3 | 25 | 0.10 | < 10 | < 10 | 41 | < 10 | 142 |
| T12168 | 203 | 205 | < 1 | 0.01 | 12 | 430 | 24 | < 5 | 4 | 25 | 0.06 | < 10 | < 10 | 45 | 10 | 124 |
| T12169 | 203 | 205 | < 1 | 0.01 | 3 | 340 | 94 | < 5 | 1 | 22 | 0.01 | < 10 | < 10 | 13 | < 10 | 104 |
| T12170 | 203 | 205 | < 1 | 0.02 | 13 | 430 | 32 | < 5 | 2 | 17 | 0.09 | < 10 | < 10 | 62 | < 10 | 66 |
| T12171 | 203 | 205 | < 1 | 0.02 | 6 | 150 | 42 | < 5 | 2 | 11 | 0.08 | < 10 | < 10 | 58 | < 10 | 62 |
| T12172 | 203 | 205 | < 1 | 0.03 | 14 | 230 | 28 | < 5 | 2 | 11 | 0.10 | < 10 | < 10 | 69 | 10 | 70 |
| T12173 | 203 | 205 | 1 | < 0.01 | 11 | 240 | 34 | < 5 | 2 | 21 | 0.07 | < 10 | < 10 | 50 | < 10 | 60 |

CERTIFICATION: _____

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 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

ARCHER CATHRO & ASSOC. (1981) LTD.

1016 - 510 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1L8

Page No: 2-A
 Total Pa: 4
 Invoice Date: 26-SEP-90
 Invoice No.: I-9023248
 P.O. Number:

Project: YGC-BOR
 Comments:

CERTIFICATE OF ANALYSIS

A9023248

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppm | K % | La ppm | Mg % | Mn ppm |
|--------------------|-----------|-----|--------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|
| | | | FA+AA | | | | | | | | | | | | | | | | | | |
| T12174 | 203 | 205 | < 5 | 1.0 | 1.60 | 5 | 120 | < 0.5 | < 2 | 0.10 | < 0.5 | 17 | 59 | 10 | 2.46 | < 10 | 1 | 0.08 | 10 | 0.19 | 2280 |
| T12175 | 203 | 205 | < 5 | 0.8 | 2.93 | 15 | 210 | < 0.5 | 2 | 0.15 | < 0.5 | 9 | 90 | 21 | 3.30 | < 10 | 1 | 0.16 | 20 | 0.46 | 385 |
| T12176 | 203 | 205 | < 5 | 1.0 | 2.37 | 10 | 170 | < 0.5 | 2 | 0.15 | < 0.5 | 4 | 101 | 11 | 3.78 | < 10 | < 1 | 0.17 | 10 | 0.36 | 275 |
| T12177 | 203 | 205 | < 5 | 1.0 | 2.38 | 15 | 250 | < 0.5 | 2 | 0.17 | < 0.5 | 6 | 79 | 22 | 3.23 | < 10 | 2 | 0.15 | 20 | 0.38 | 575 |
| T12178 | 203 | 205 | < 5 | 1.0 | 1.19 | 5 | 350 | < 0.5 | 2 | 0.13 | < 0.5 | 5 | 130 | 14 | 1.97 | < 10 | 1 | 0.29 | 30 | 0.16 | 660 |
| T12601 | 203 | 205 | < 5 | 0.6 | 1.03 | < 5 | 100 | < 0.5 | < 2 | 0.10 | < 0.5 | 1 | 64 | 18 | 1.77 | < 10 | < 1 | 0.17 | 30 | 0.22 | 80 |
| T12602 | 203 | 205 | < 5 | 0.8 | 0.83 | 5 | 140 | < 0.5 | 2 | 0.05 | < 0.5 | 2 | 141 | 9 | 1.73 | 10 | < 1 | 0.40 | 40 | 0.15 | 155 |
| T12603 | 203 | 205 | < 5 | 0.6 | 0.97 | < 5 | 100 | < 0.5 | < 2 | 0.03 | < 0.5 | 2 | 54 | 10 | 2.40 | 10 | < 1 | 0.14 | 30 | 0.09 | 140 |
| T12604 | 203 | 205 | < 5 | 0.6 | 0.84 | < 5 | 120 | < 0.5 | 2 | 0.02 | < 0.5 | 3 | 124 | 10 | 1.59 | < 10 | < 1 | 0.35 | 30 | 0.25 | 190 |
| T12605 | 203 | 205 | < 5 | 0.6 | 1.34 | < 5 | 80 | < 0.5 | 2 | 0.06 | < 0.5 | 3 | 70 | 8 | 1.94 | 10 | < 1 | 0.18 | 30 | 0.43 | 260 |
| T12606 | 203 | 205 | < 5 | 0.6 | 1.12 | < 5 | 110 | < 0.5 | < 2 | 0.06 | < 0.5 | 4 | 163 | 10 | 1.64 | 10 | < 1 | 0.28 | 20 | 0.16 | 270 |
| T12607 | 203 | 205 | < 5 | 0.8 | 1.02 | < 5 | 80 | < 0.5 | 2 | 0.06 | < 0.5 | 4 | 98 | 11 | 1.66 | 10 | < 1 | 0.15 | 30 | 0.17 | 230 |
| T12608 | 203 | 205 | < 5 | 0.8 | 1.96 | < 5 | 120 | < 0.5 | 2 | 0.11 | < 0.5 | 7 | 163 | 17 | 1.73 | 10 | < 1 | 0.20 | 30 | 0.32 | 215 |
| T12609 | 203 | 205 | < 5 | 0.8 | 1.35 | < 5 | 130 | < 0.5 | 2 | 0.15 | < 0.5 | 5 | 102 | 16 | 1.90 | 10 | < 1 | 0.17 | 20 | 0.27 | 380 |
| T12610 | 203 | 205 | < 5 | 1.4 | 1.51 | < 5 | 200 | 0.5 | 2 | 0.02 | 0.5 | 9 | 130 | 53 | 2.13 | 10 | < 1 | 0.34 | 50 | 0.16 | 920 |
| T12611 | 203 | 205 | < 5 | 0.6 | 1.84 | 5 | 90 | < 0.5 | 2 | 0.11 | < 0.5 | 5 | 93 | 19 | 2.32 | 10 | < 1 | 0.14 | 10 | 0.23 | 205 |
| T12612 | 203 | 205 | < 5 | 0.6 | 2.12 | 15 | 140 | 0.5 | 2 | 0.17 | < 0.5 | 5 | 134 | 21 | 2.56 | 10 | < 1 | 0.22 | 10 | 0.36 | 215 |
| T12613 | 203 | 205 | < 5 | 1.2 | 2.57 | 10 | 160 | 0.5 | 6 | 0.13 | < 0.5 | 11 | 66 | 54 | 2.56 | 10 | < 1 | 0.18 | 30 | 0.49 | 285 |
| T12614 | 203 | 205 | < 5 | 0.6 | 0.99 | 5 | 190 | < 0.5 | 2 | 0.05 | < 0.5 | 1 | 130 | 33 | 1.80 | < 10 | 1 | 0.42 | 40 | 0.21 | 85 |
| T12615 | 203 | 205 | < 5 | 0.4 | 0.81 | 5 | 250 | < 0.5 | < 2 | 0.06 | < 0.5 | < 1 | 91 | 9 | 1.40 | < 10 | < 1 | 0.34 | 20 | 0.14 | 55 |
| T12616 | 203 | 205 | < 5 | 0.6 | 1.67 | 5 | 180 | < 0.5 | 4 | 0.08 | < 0.5 | 4 | 91 | 23 | 2.61 | 10 | < 1 | 0.34 | 40 | 0.60 | 290 |
| T12617 | 203 | 205 | < 5 | 0.8 | 1.35 | 20 | 170 | < 0.5 | 6 | 0.07 | < 0.5 | 2 | 53 | 23 | 3.27 | 10 | < 1 | 0.47 | 60 | 0.37 | 200 |
| T12618 | 203 | 205 | < 5 | 0.8 | 2.09 | 5 | 320 | < 0.5 | 6 | 0.08 | < 0.5 | 5 | 94 | 13 | 3.88 | 10 | < 1 | 0.83 | 60 | 0.98 | 570 |
| T12619 | 203 | 205 | < 5 | 0.4 | 1.53 | 20 | 190 | < 0.5 | 4 | 0.10 | < 0.5 | 6 | 64 | 12 | 3.48 | 10 | < 1 | 0.40 | 40 | 0.47 | 400 |
| T12620 | 203 | 205 | < 5 | 0.6 | 1.16 | < 5 | 280 | < 0.5 | 4 | 0.08 | < 0.5 | 16 | 226 | 6 | 2.57 | 10 | < 1 | 0.70 | 40 | 0.35 | 1215 |
| T12621 | 203 | 205 | < 5 | 1.0 | 1.77 | 10 | 160 | < 0.5 | 4 | 0.02 | < 0.5 | 4 | 53 | 6 | 3.18 | 10 | < 1 | 0.54 | 70 | 0.56 | 445 |
| T12622 | 203 | 205 | < 5 | 1.0 | 2.00 | 15 | 230 | < 0.5 | 2 | 0.08 | < 0.5 | 9 | 77 | 46 | 3.98 | 10 | < 1 | 0.91 | 70 | 0.90 | 925 |
| T12623 | 203 | 205 | < 5 | 0.6 | 1.40 | 10 | 200 | < 0.5 | 4 | 0.04 | < 0.5 | 2 | 86 | 6 | 3.51 | 10 | < 1 | 0.42 | 50 | 0.19 | 115 |
| T12624 | 203 | 205 | < 5 | 0.4 | 1.13 | 5 | 210 | < 0.5 | 2 | 0.04 | < 0.5 | 2 | 137 | 17 | 2.06 | < 10 | < 1 | 0.53 | 30 | 0.57 | 240 |
| T12625 | 203 | 205 | < 5 | 0.4 | 1.63 | < 5 | 220 | < 0.5 | 2 | 0.06 | 1.0 | 13 | 91 | 59 | 1.83 | 10 | < 1 | 0.30 | 50 | 0.34 | 2880 |
| T12626 | 203 | 205 | < 5 | 0.2 | 1.41 | < 5 | 100 | < 0.5 | 6 | 0.04 | < 0.5 | 5 | 121 | 14 | 1.30 | < 10 | < 1 | 0.36 | 30 | 0.77 | 210 |
| T12627 | 203 | 205 | < 5 | 1.2 | 1.58 | 10 | 170 | < 0.5 | 6 | 0.06 | < 0.5 | 6 | 199 | 121 | 2.46 | 10 | < 1 | 0.30 | 30 | 0.26 | 475 |
| T12628 | 203 | 205 | < 5 | 0.6 | 1.20 | < 5 | 180 | < 0.5 | 4 | 0.09 | < 0.5 | 3 | 70 | 19 | 2.19 | 10 | < 1 | 0.20 | 30 | 0.33 | 185 |
| T12629 | 203 | 205 | < 5 | 0.6 | 1.44 | 5 | 340 | < 0.5 | 6 | 0.03 | < 0.5 | 1 | 191 | 16 | 1.83 | 10 | < 1 | 0.55 | 30 | 0.62 | 275 |
| T12630 | 203 | 205 | < 5 | 0.6 | 1.79 | 10 | 200 | < 0.5 | < 2 | 0.11 | < 0.5 | 5 | 118 | 17 | 2.32 | 10 | < 1 | 0.24 | 40 | 0.60 | 500 |
| T12631 | 203 | 205 | < 5 | 0.6 | 1.45 | < 5 | 150 | < 0.5 | < 2 | 0.10 | < 0.5 | 3 | 181 | 25 | 1.92 | 10 | < 1 | 0.20 | 20 | 0.27 | 150 |
| T12632 | 203 | 205 | < 5 | 0.6 | 1.57 | < 5 | 160 | < 0.5 | < 2 | 0.08 | < 0.5 | 2 | 107 | 32 | 2.39 | 10 | < 1 | 0.20 | 20 | 0.30 | 140 |
| T12633 | 203 | 205 | < 5 | 0.4 | 1.44 | 5 | 230 | < 0.5 | < 2 | 0.10 | < 0.5 | 2 | 118 | 15 | 2.11 | 10 | < 1 | 0.22 | 20 | 0.25 | 125 |
| T12634 | 203 | 205 | < 5 | 0.6 | 2.85 | 15 | 170 | < 0.5 | < 2 | 0.14 | < 0.5 | 9 | 76 | 21 | 2.33 | 10 | < 1 | 0.11 | 30 | 0.43 | 260 |
| T12635 | 203 | 205 | < 5 | 0.4 | 2.32 | 15 | 130 | < 0.5 | < 2 | 0.13 | < 0.5 | 5 | 152 | 15 | 2.66 | 10 | < 1 | 0.18 | 30 | 0.29 | 255 |

CERTIFICATION:

B. Coughlin



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
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CERTIFICATE OF ANALYSIS A9023248

| SAMPLE DESCRIPTION | PREP CODE | | Mo | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
|--------------------|-----------|-----|-----|--------|-----|-----|-----|-----|-----|-----|--------|------|------|-----|------|-----|
| | | | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| T12174 | 203 | 205 | 1 | 0.03 | 7 | 250 | 36 | < 5 | 2 | 11 | 0.07 | < 10 | < 10 | 51 | 10 | 46 |
| T12175 | 203 | 205 | 1 | 0.02 | 21 | 290 | 44 | < 5 | 4 | 18 | 0.11 | < 10 | < 10 | 53 | 10 | 70 |
| T12176 | 203 | 205 | 1 | 0.02 | 13 | 290 | 18 | < 5 | 4 | 18 | 0.12 | < 10 | < 10 | 72 | 10 | 74 |
| T12177 | 203 | 205 | 2 | 0.02 | 16 | 280 | 88 | < 5 | 4 | 20 | 0.10 | < 10 | < 10 | 56 | 10 | 66 |
| T12178 | 203 | 205 | 2 | 0.01 | 4 | 190 | 60 | < 5 | 1 | 19 | 0.01 | 10 | < 10 | 20 | < 10 | 56 |
| T12601 | 203 | 205 | 1 | 0.01 | 4 | 200 | 74 | < 5 | 2 | 15 | 0.04 | < 10 | < 10 | 25 | < 10 | 40 |
| T12602 | 203 | 205 | 2 | 0.02 | 4 | 180 | 50 | < 5 | 1 | 18 | 0.02 | 10 | < 10 | 18 | < 10 | 26 |
| T12603 | 203 | 205 | < 1 | < 0.01 | 1 | 190 | 28 | < 5 | 1 | 14 | 0.05 | 20 | < 10 | 39 | < 10 | 48 |
| T12604 | 203 | 205 | 1 | 0.01 | 2 | 130 | 28 | < 5 | 1 | 17 | < 0.01 | 20 | < 10 | 10 | < 10 | 44 |
| T12605 | 203 | 205 | < 1 | < 0.01 | 9 | 200 | 40 | < 5 | 2 | 9 | 0.05 | 20 | < 10 | 23 | < 10 | 106 |
| T12606 | 203 | 205 | < 1 | 0.02 | 10 | 150 | 30 | < 5 | 1 | 8 | 0.03 | 20 | < 10 | 27 | < 10 | 66 |
| T12607 | 203 | 205 | < 1 | 0.01 | 7 | 250 | 22 | < 5 | 1 | 6 | 0.05 | 20 | < 10 | 37 | < 10 | 38 |
| T12608 | 203 | 205 | < 1 | 0.01 | 18 | 190 | 16 | < 5 | 2 | 9 | 0.05 | 20 | < 10 | 33 | < 10 | 38 |
| T12609 | 203 | 205 | 1 | 0.01 | 11 | 300 | 28 | < 5 | 2 | 14 | 0.07 | 20 | < 10 | 42 | < 10 | 42 |
| T12610 | 203 | 205 | 1 | 0.01 | 7 | 220 | 124 | < 5 | 2 | 10 | 0.01 | 20 | < 10 | 10 | < 10 | 174 |
| T12611 | 203 | 205 | < 1 | 0.01 | 11 | 370 | 30 | < 5 | 2 | 11 | 0.07 | 10 | < 10 | 43 | < 10 | 64 |
| T12612 | 203 | 205 | 1 | 0.02 | 16 | 280 | 42 | < 5 | 3 | 19 | 0.08 | < 10 | < 10 | 51 | < 10 | 52 |
| T12613 | 203 | 205 | < 1 | 0.01 | 18 | 230 | 56 | < 5 | 5 | 14 | 0.08 | < 10 | < 10 | 46 | < 10 | 110 |
| T12614 | 203 | 205 | 1 | 0.01 | 5 | 210 | 92 | < 5 | 1 | 14 | 0.01 | < 10 | < 10 | 11 | < 10 | 66 |
| T12615 | 203 | 205 | 1 | 0.01 | 5 | 230 | 38 | < 5 | 1 | 20 | 0.03 | < 10 | < 10 | 21 | < 10 | 22 |
| T12616 | 203 | 205 | < 1 | 0.02 | 11 | 360 | 184 | < 5 | 3 | 19 | 0.05 | < 10 | < 10 | 36 | < 10 | 134 |
| T12617 | 203 | 205 | 1 | 0.01 | 6 | 390 | 80 | < 5 | 2 | 18 | 0.06 | 10 | < 10 | 26 | 10 | 52 |
| T12618 | 203 | 205 | 1 | 0.01 | 9 | 430 | 118 | < 5 | 4 | 84 | 0.15 | < 10 | < 10 | 33 | < 10 | 140 |
| T12619 | 203 | 205 | < 1 | 0.02 | 8 | 510 | 70 | < 5 | 3 | 45 | 0.10 | < 10 | < 10 | 40 | < 10 | 60 |
| T12620 | 203 | 205 | < 1 | 0.01 | 5 | 460 | 24 | < 5 | 1 | 25 | 0.06 | 10 | < 10 | 22 | < 10 | 52 |
| T12621 | 203 | 205 | < 1 | < 0.01 | 3 | 340 | 28 | < 5 | 3 | 25 | 0.10 | < 10 | < 10 | 21 | 10 | 82 |
| T12622 | 203 | 205 | 1 | < 0.01 | 3 | 550 | 36 | < 5 | 2 | 28 | 0.15 | < 10 | < 10 | 12 | < 10 | 144 |
| T12623 | 203 | 205 | 1 | 0.01 | 7 | 450 | 18 | < 5 | 2 | 42 | 0.05 | < 10 | < 10 | 23 | < 10 | 26 |
| T12624 | 203 | 205 | < 1 | 0.03 | 6 | 260 | 92 | < 5 | 1 | 21 | 0.03 | < 10 | < 10 | 16 | < 10 | 114 |
| T12625 | 203 | 205 | < 1 | 0.01 | 11 | 420 | 434 | < 5 | 2 | 21 | 0.02 | 10 | < 10 | 16 | < 10 | 530 |
| T12626 | 203 | 205 | < 1 | 0.01 | 6 | 250 | 58 | < 5 | 1 | 6 | 0.03 | < 10 | < 10 | 9 | < 10 | 226 |
| T12627 | 203 | 205 | 1 | 0.02 | 10 | 480 | 930 | < 5 | 2 | 18 | 0.05 | < 10 | < 10 | 32 | < 10 | 220 |
| T12628 | 203 | 205 | 1 | 0.02 | 8 | 180 | 278 | < 5 | 2 | 12 | 0.05 | 10 | < 10 | 26 | < 10 | 94 |
| T12629 | 203 | 205 | < 1 | 0.02 | 5 | 200 | 64 | < 5 | 1 | 11 | 0.02 | 10 | < 10 | 6 | < 10 | 160 |
| T12630 | 203 | 205 | < 1 | 0.01 | 12 | 230 | 64 | < 5 | 3 | 12 | 0.07 | < 10 | < 10 | 36 | < 10 | 266 |
| T12631 | 203 | 205 | 1 | 0.01 | 10 | 170 | 214 | < 5 | 2 | 11 | 0.06 | 10 | < 10 | 34 | < 10 | 82 |
| T12632 | 203 | 205 | 1 | 0.01 | 11 | 190 | 356 | < 5 | 2 | 8 | 0.06 | < 10 | < 10 | 33 | < 10 | 94 |
| T12633 | 203 | 205 | 1 | 0.01 | 8 | 190 | 108 | < 5 | 2 | 10 | 0.05 | < 10 | < 10 | 42 | < 10 | 52 |
| T12634 | 203 | 205 | 1 | 0.01 | 26 | 270 | 22 | < 5 | 4 | 13 | 0.07 | < 10 | < 10 | 46 | < 10 | 50 |
| T12635 | 203 | 205 | < 1 | 0.02 | 14 | 330 | 34 | < 5 | 3 | 12 | 0.07 | < 10 | < 10 | 54 | < 10 | 58 |

CERTIFICATION:

B. Coughlin



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| SAMPLE DESCRIPTION | PREP CODE | Au ppb FA+AA | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppm | K % | La ppm | Mg % | Mn ppm |
|--------------------|-----------|--------------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|
| T12636 | 203 205 | < 5 | 0.4 | 1.17 | < 5 | 150 | < 0.5 | < 2 | 0.11 | < 0.5 | 3 | 96 | 10 | 1.59 | < 10 | < 1 | 0.23 | 30 | 0.25 | 180 |
| T12637 | 203 205 | < 5 | 0.2 | 0.97 | < 5 | 180 | < 0.5 | < 2 | 0.11 | < 0.5 | 3 | 160 | 15 | 1.79 | < 10 | < 1 | 0.26 | 20 | 0.23 | 185 |
| T12638 | 203 205 | < 5 | 0.6 | 1.56 | < 5 | 190 | < 0.5 | 2 | 0.06 | < 0.5 | 6 | 103 | 15 | 3.04 | 10 | < 1 | 0.38 | 20 | 0.66 | 380 |
| T12639 | 203 205 | < 5 | 1.0 | 1.36 | < 5 | 220 | < 0.5 | < 2 | 0.13 | < 0.5 | 2 | 225 | 10 | 1.86 | 10 | < 1 | 0.36 | 30 | 0.26 | 110 |
| T12640 | 203 205 | < 5 | 0.8 | 2.28 | < 5 | 160 | < 0.5 | 2 | 0.16 | < 0.5 | 4 | 73 | 11 | 2.93 | 10 | < 1 | 0.13 | 10 | 0.33 | 305 |
| T12641 | 203 205 | < 5 | 0.8 | 1.55 | < 5 | 160 | < 0.5 | 2 | 0.11 | < 0.5 | 4 | 106 | 8 | 2.15 | 10 | < 1 | 0.19 | 20 | 0.27 | 215 |
| T12642 | 203 205 | < 5 | 1.2 | 2.98 | 20 | 260 | < 0.5 | 4 | 0.15 | < 0.5 | 10 | 67 | 25 | 3.36 | 10 | < 1 | 0.11 | 20 | 0.53 | 290 |
| T12643 | 203 205 | < 5 | 0.8 | 2.16 | < 5 | 200 | < 0.5 | 2 | 0.15 | < 0.5 | 6 | 105 | 23 | 2.63 | < 10 | < 1 | 0.20 | 20 | 0.42 | 225 |
| T12644 | 203 205 | < 5 | 0.8 | 1.47 | 15 | 200 | < 0.5 | < 2 | 0.11 | < 0.5 | 2 | 64 | 18 | 1.79 | 10 | < 1 | 0.26 | 20 | 0.26 | 90 |
| T12645 | 203 205 | < 5 | 0.8 | 1.19 | < 5 | 190 | < 0.5 | 4 | 0.09 | < 0.5 | 1 | 45 | 18 | 1.51 | 10 | < 1 | 0.19 | 20 | 0.17 | 55 |
| T12646 | 203 205 | 10 | 1.0 | 1.91 | 20 | 290 | < 0.5 | 6 | 0.07 | < 0.5 | 4 | 64 | 26 | 3.40 | < 10 | < 1 | 0.25 | 10 | 0.31 | 140 |
| T12647 | 203 205 | < 5 | 0.8 | 1.73 | 15 | 230 | < 0.5 | 4 | 0.10 | < 0.5 | 3 | 64 | 57 | 3.03 | < 10 | < 1 | 0.24 | 20 | 0.61 | 240 |
| T12648 | 203 205 | < 5 | 0.4 | 2.10 | 20 | 200 | < 0.5 | 4 | 0.06 | < 0.5 | 2 | 88 | 97 | 3.89 | 10 | < 1 | 0.51 | 20 | 1.07 | 385 |
| T12649 | 203 205 | < 5 | 0.8 | 1.75 | < 5 | 200 | < 0.5 | 4 | 0.07 | < 0.5 | 4 | 79 | 13 | 2.81 | 10 | < 1 | 0.45 | 50 | 0.75 | 250 |
| T12650 | 203 205 | < 5 | 0.8 | 1.47 | 10 | 200 | < 0.5 | < 2 | 0.07 | < 0.5 | 3 | 112 | 14 | 2.49 | 10 | < 1 | 0.48 | 60 | 0.28 | 390 |
| T12651 | 203 205 | < 5 | 0.8 | 1.80 | 5 | 160 | < 0.5 | < 2 | 0.06 | < 0.5 | 2 | 62 | 9 | 2.80 | 10 | < 1 | 0.46 | 50 | 0.41 | 195 |
| T12652 | 203 205 | < 5 | 0.8 | 1.79 | 5 | 180 | < 0.5 | 4 | 0.02 | < 0.5 | 2 | 74 | 15 | 3.11 | 10 | < 1 | 0.76 | 50 | 0.49 | 280 |
| T12653 | 203 205 | < 5 | 0.6 | 1.70 | 5 | 150 | < 0.5 | 2 | 0.11 | < 0.5 | 2 | 79 | 8 | 3.00 | 10 | < 1 | 0.28 | 20 | 0.41 | 190 |
| T12654 | 203 205 | < 5 | 0.8 | 1.16 | 5 | 170 | < 0.5 | 2 | 0.03 | < 0.5 | 1 | 96 | 5 | 2.64 | 10 | < 1 | 0.43 | 50 | 0.19 | 90 |
| T12655 | 203 205 | < 5 | 0.8 | 1.63 | < 5 | 160 | < 0.5 | 2 | 0.03 | < 0.5 | 3 | 68 | 6 | 2.59 | 10 | < 1 | 0.57 | 40 | 0.69 | 325 |
| T12656 | 203 205 | < 5 | 0.8 | 1.61 | 10 | 170 | < 0.5 | 2 | 0.04 | < 0.5 | 3 | 76 | 12 | 2.56 | 10 | < 1 | 0.60 | 50 | 0.75 | 330 |
| T12657 | 203 205 | < 5 | 0.8 | 1.47 | < 5 | 140 | < 0.5 | < 2 | 0.07 | < 0.5 | 3 | 55 | 14 | 2.31 | 10 | < 1 | 0.38 | 40 | 0.55 | 300 |
| T12658 | 203 205 | 10 | 0.8 | 1.54 | 5 | 140 | < 0.5 | 2 | 0.04 | < 0.5 | 2 | 60 | 19 | 3.10 | 10 | < 1 | 0.53 | 50 | 0.51 | 255 |
| T12659 | 203 205 | < 5 | 0.6 | 1.35 | 10 | 220 | < 0.5 | < 2 | 0.08 | < 0.5 | 1 | 66 | 17 | 2.47 | 10 | < 1 | 0.66 | 60 | 0.48 | 180 |
| T12901 | 203 205 | < 5 | 0.8 | 1.44 | 15 | 200 | < 0.5 | < 2 | 0.14 | < 0.5 | 4 | 181 | 19 | 2.08 | 10 | < 1 | 0.35 | 40 | 0.32 | 340 |
| T12902 | 203 205 | < 5 | 0.4 | 2.28 | 5 | 160 | < 0.5 | 4 | 0.10 | < 0.5 | 11 | 91 | 15 | 3.63 | 10 | < 1 | 0.54 | 20 | 1.47 | 725 |
| T12903 | 203 205 | < 5 | 0.4 | 4.06 | 15 | 140 | < 0.5 | 6 | 0.10 | < 0.5 | 12 | 132 | 9 | 5.52 | 10 | < 1 | 0.25 | < 10 | 2.54 | 935 |
| T12904 | 203 205 | < 5 | 0.8 | 2.49 | 25 | 130 | < 0.5 | 2 | 0.11 | < 0.5 | 4 | 93 | 13 | 3.83 | 10 | < 1 | 0.10 | 20 | 0.31 | 260 |
| T12905 | 203 205 | < 5 | 1.0 | 1.23 | < 5 | 170 | < 0.5 | 2 | 0.04 | < 0.5 | 2 | 227 | 7 | 2.02 | 10 | < 1 | 0.51 | 40 | 0.17 | 100 |
| T12906 | 203 205 | < 5 | 0.8 | 3.70 | < 5 | 140 | < 0.5 | < 2 | 0.24 | < 0.5 | 15 | 258 | 35 | 4.09 | 10 | < 1 | 0.45 | 30 | 3.87 | 1320 |
| T12907 | 203 205 | < 5 | 0.4 | 3.30 | 20 | 130 | < 0.5 | 6 | 0.30 | < 0.5 | 6 | 197 | 43 | 5.21 | 10 | < 1 | 0.59 | < 10 | 2.68 | 1480 |
| T12908 | 203 205 | < 5 | 1.0 | 1.06 | 25 | 130 | < 0.5 | 4 | 0.10 | < 0.5 | 2 | 111 | 10 | 1.56 | 10 | < 1 | 0.23 | 30 | 0.25 | 205 |
| T12909 | 203 205 | < 5 | 1.2 | 2.12 | 15 | 170 | < 0.5 | < 2 | 0.11 | < 0.5 | 4 | 128 | 15 | 2.60 | 10 | < 1 | 0.26 | 30 | 0.34 | 235 |
| T12910 | 203 205 | < 5 | 1.4 | 0.98 | 15 | 120 | < 0.5 | 4 | 0.05 | < 0.5 | 2 | 172 | 14 | 1.33 | 10 | < 1 | 0.25 | 90 | 0.18 | 185 |
| T12911 | 203 205 | < 5 | 1.0 | 2.47 | 20 | 240 | < 0.5 | 4 | 0.19 | < 0.5 | 6 | 114 | 22 | 2.69 | 10 | < 1 | 0.17 | 20 | 0.45 | 250 |
| T12912 | 203 205 | < 5 | 1.0 | 1.24 | 15 | 110 | < 0.5 | 2 | 0.09 | < 0.5 | 3 | 102 | 25 | 1.97 | 10 | < 1 | 0.17 | 20 | 0.22 | 170 |
| T12913 | 203 205 | 10 | 1.0 | 1.20 | 25 | 170 | < 0.5 | 4 | 0.10 | < 0.5 | 3 | 166 | 37 | 1.95 | 10 | < 1 | 0.22 | 30 | 0.23 | 145 |
| T12914 | 203 205 | < 5 | 1.0 | 1.40 | 20 | 200 | < 0.5 | 2 | 0.05 | < 0.5 | 4 | 138 | 59 | 2.36 | 10 | < 1 | 0.35 | 50 | 0.46 | 185 |
| T12915 | 203 205 | < 5 | 0.8 | 2.08 | 20 | 170 | < 0.5 | 2 | 0.06 | < 0.5 | 8 | 81 | 37 | 3.95 | 10 | < 1 | 0.54 | 60 | 1.29 | 585 |
| T12916 | 203 205 | < 5 | 1.2 | 1.32 | 10 | 240 | < 0.5 | 4 | 0.05 | < 0.5 | 1 | 155 | 11 | 2.96 | 10 | < 1 | 0.72 | 60 | 0.40 | 245 |

CERTIFICATION:

B. Coughlin



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ARCHER CATHRO & ASSOC. (1981) LTD.

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 VANCOUVER, BC
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Page No. : 3-B
 Total Pages : 4
 Invoice Date: 26-SEP-90
 Invoice No. : I-9023248
 P.O. Number :

Project : YGC-BOR
 Comments:

CERTIFICATE OF ANALYSIS A9023248

| SAMPLE DESCRIPTION | PREP CODE | | Mo | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U | V | W | Zn |
|--------------------|-----------|-----|-----|--------|-----|-----|-----|-----|-----|-----|------|------|------|-----|------|-----|
| | | | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| T12636 | 203 | 205 | 1 | 0.02 | 7 | 230 | 32 | < 5 | 1 | 12 | 0.04 | < 10 | < 10 | 27 | < 10 | 36 |
| T12637 | 203 | 205 | 1 | 0.05 | 7 | 340 | 16 | < 5 | 2 | 15 | 0.04 | < 10 | < 10 | 29 | < 10 | 32 |
| T12638 | 203 | 205 | 1 | 0.01 | 6 | 300 | 6 | < 5 | 4 | 15 | 0.03 | < 10 | < 10 | 26 | 20 | 58 |
| T12639 | 203 | 205 | 1 | 0.02 | 8 | 270 | 46 | < 5 | 2 | 17 | 0.03 | < 10 | < 10 | 26 | < 10 | 38 |
| T12640 | 203 | 205 | 1 | 0.02 | 8 | 170 | 28 | < 5 | 3 | 17 | 0.12 | < 10 | < 10 | 74 | 20 | 54 |
| T12641 | 203 | 205 | 1 | 0.02 | 6 | 150 | 26 | < 5 | 2 | 15 | 0.06 | 10 | < 10 | 48 | 10 | 36 |
| T12642 | 203 | 205 | 2 | 0.02 | 21 | 230 | 18 | < 5 | 5 | 14 | 0.12 | 10 | < 10 | 70 | 30 | 82 |
| T12643 | 203 | 205 | 2 | 0.02 | 10 | 140 | 30 | < 5 | 4 | 17 | 0.07 | < 10 | < 10 | 49 | 20 | 50 |
| T12644 | 203 | 205 | < 1 | 0.02 | 5 | 170 | 60 | < 5 | 3 | 15 | 0.04 | 10 | < 10 | 35 | 10 | 34 |
| T12645 | 203 | 205 | 1 | 0.02 | < 1 | 170 | 72 | < 5 | 2 | 13 | 0.03 | < 10 | < 10 | 26 | 10 | 26 |
| T12646 | 203 | 205 | 2 | 0.02 | 7 | 280 | 228 | < 5 | 3 | 13 | 0.04 | < 10 | < 10 | 41 | 30 | 54 |
| T12647 | 203 | 205 | 1 | 0.02 | 5 | 420 | 310 | < 5 | 3 | 19 | 0.03 | < 10 | < 10 | 37 | 20 | 146 |
| T12648 | 203 | 205 | 1 | 0.01 | 12 | 330 | 446 | < 5 | 5 | 21 | 0.09 | < 10 | < 10 | 52 | < 10 | 218 |
| T12649 | 203 | 205 | 1 | 0.02 | 6 | 240 | 54 | < 5 | 2 | 23 | 0.09 | 10 | < 10 | 29 | < 10 | 124 |
| T12650 | 203 | 205 | 1 | 0.02 | 5 | 450 | 34 | < 5 | 2 | 23 | 0.05 | 20 | < 10 | 14 | < 10 | 56 |
| T12651 | 203 | 205 | 1 | 0.01 | 6 | 250 | 16 | < 5 | 3 | 27 | 0.09 | 10 | < 10 | 28 | < 10 | 72 |
| T12652 | 203 | 205 | 1 | < 0.01 | 6 | 250 | 22 | < 5 | 2 | 31 | 0.12 | 10 | < 10 | 14 | < 10 | 76 |
| T12653 | 203 | 205 | < 1 | 0.01 | 10 | 190 | 24 | < 5 | 2 | 23 | 0.09 | 10 | < 10 | 44 | < 10 | 38 |
| T12654 | 203 | 205 | 1 | 0.01 | 4 | 300 | 22 | < 5 | 1 | 38 | 0.04 | 10 | < 10 | 19 | < 10 | 34 |
| T12655 | 203 | 205 | 1 | 0.01 | 7 | 230 | 16 | < 5 | 2 | 22 | 0.11 | 20 | < 10 | 19 | < 10 | 60 |
| T12656 | 203 | 205 | 1 | < 0.01 | 5 | 220 | 18 | < 5 | 2 | 17 | 0.10 | 10 | < 10 | 17 | < 10 | 86 |
| T12657 | 203 | 205 | < 1 | 0.01 | 4 | 180 | 16 | < 5 | 2 | 15 | 0.08 | 20 | < 10 | 26 | < 10 | 86 |
| T12658 | 203 | 205 | 1 | 0.01 | 5 | 330 | 14 | < 5 | 2 | 15 | 0.09 | 10 | < 10 | 28 | < 10 | 132 |
| T12659 | 203 | 205 | < 1 | 0.01 | 2 | 300 | 22 | < 5 | 2 | 21 | 0.07 | 10 | < 10 | 9 | < 10 | 100 |
| T12901 | 203 | 205 | 1 | 0.03 | 13 | 320 | 82 | < 5 | 2 | 17 | 0.04 | 10 | < 10 | 40 | < 10 | 54 |
| T12902 | 203 | 205 | 1 | 0.01 | 14 | 210 | 16 | < 5 | 5 | 14 | 0.09 | < 10 | < 10 | 55 | < 10 | 92 |
| T12903 | 203 | 205 | < 1 | 0.01 | 11 | 360 | 20 | 5 | 9 | 11 | 0.06 | < 10 | < 10 | 44 | < 10 | 86 |
| T12904 | 203 | 205 | < 1 | 0.01 | 10 | 280 | 44 | < 5 | 3 | 13 | 0.09 | 20 | < 10 | 68 | 10 | 48 |
| T12905 | 203 | 205 | 1 | 0.01 | 7 | 190 | 74 | < 5 | 1 | 12 | 0.01 | 20 | < 10 | 21 | < 10 | 22 |
| T12906 | 203 | 205 | 1 | < 0.01 | 65 | 510 | 170 | < 5 | 5 | 13 | 0.18 | < 10 | < 10 | 53 | < 10 | 348 |
| T12907 | 203 | 205 | < 1 | 0.02 | 9 | 200 | 24 | < 5 | 4 | 21 | 0.20 | < 10 | < 10 | 85 | < 10 | 278 |
| T12908 | 203 | 205 | 1 | 0.01 | 8 | 220 | 64 | < 5 | 2 | 12 | 0.03 | 10 | < 10 | 28 | < 10 | 36 |
| T12909 | 203 | 205 | 2 | 0.01 | 13 | 230 | 68 | < 5 | 3 | 15 | 0.06 | 10 | < 10 | 48 | < 10 | 54 |
| T12910 | 203 | 205 | 2 | 0.01 | 4 | 230 | 58 | < 5 | 1 | 7 | 0.03 | 30 | < 10 | 24 | < 10 | 50 |
| T12911 | 203 | 205 | 2 | 0.02 | 18 | 160 | 30 | < 5 | 4 | 18 | 0.10 | < 10 | < 10 | 61 | < 10 | 48 |
| T12912 | 203 | 205 | 3 | < 0.01 | 9 | 170 | 68 | < 5 | 2 | 10 | 0.03 | 10 | < 10 | 24 | < 10 | 58 |
| T12913 | 203 | 205 | 2 | 0.01 | 7 | 240 | 84 | < 5 | 1 | 14 | 0.04 | 10 | < 10 | 30 | < 10 | 60 |
| T12914 | 203 | 205 | 4 | 0.01 | 6 | 360 | 86 | < 5 | 1 | 31 | 0.03 | < 10 | < 10 | 18 | < 10 | 98 |
| T12915 | 203 | 205 | 3 | 0.01 | 11 | 450 | 250 | < 5 | 4 | 35 | 0.05 | < 10 | < 10 | 33 | < 10 | 302 |
| T12916 | 203 | 205 | 3 | 0.01 | 6 | 440 | 70 | < 5 | 2 | 32 | 0.08 | 10 | < 10 | 27 | < 10 | 62 |

CERTIFICATION:

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 Invoice Date: 26-SEP-90
 Invoice No. : I-9023248
 P.O. Number :

Project : YGC-BOR
 Comments:

CERTIFICATE OF ANALYSIS

A9023248

| SAMPLE DESCRIPTION | PREP CODE | | Au ppb | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppm | K % | La ppm | Mg % | Mn ppm |
|--------------------|-----------|-----|--------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|
| | | | FA+AA | | | | | | | | | | | | | | | | | | |
| T12917 | 203 | 205 | < 5 | 0.8 | 1.33 | 15 | 190 | 0.5 | 4 | 0.05 | < 0.5 | 2 | 73 | 9 | 3.45 | 10 | < 1 | 0.48 | 40 | 0.36 | 260 |
| T12918 | 203 | 205 | < 5 | 1.0 | 1.46 | < 5 | 260 | 0.5 | 4 | 0.03 | < 0.5 | 1 | 85 | 5 | 3.02 | 10 | < 1 | 0.89 | 70 | 0.66 | 505 |
| T12919 | 203 | 205 | < 5 | 0.6 | 2.33 | 25 | 210 | 0.5 | < 2 | 0.17 | < 0.5 | 8 | 52 | 14 | 3.52 | 10 | < 1 | 0.25 | 30 | 0.55 | 630 |
| T12920 | 203 | 205 | < 5 | 0.6 | 1.40 | 5 | 150 | < 0.5 | < 2 | 0.09 | < 0.5 | 1 | 77 | 8 | 2.40 | 10 | < 1 | 0.20 | 20 | 0.22 | 220 |
| T12921 | 203 | 205 | < 5 | 0.6 | 2.39 | 15 | 210 | 0.5 | 4 | 0.09 | < 0.5 | 2 | 40 | 6 | 3.82 | 10 | < 1 | 0.76 | 50 | 1.51 | 725 |
| T12922 | 203 | 205 | < 5 | 0.8 | 1.83 | 25 | 190 | 0.5 | 2 | 0.08 | < 0.5 | 4 | 85 | 10 | 3.21 | 10 | < 1 | 0.78 | 50 | 0.85 | 460 |
| T12923 | 203 | 205 | < 5 | 0.8 | 2.24 | 10 | 420 | 1.0 | 4 | 0.10 | < 0.5 | 5 | 62 | 9 | 3.95 | 20 | < 1 | 0.79 | 50 | 1.45 | 690 |
| T12924 | 203 | 205 | < 5 | 0.6 | 1.65 | < 5 | 260 | 0.5 | 4 | 0.07 | < 0.5 | 5 | 66 | 6 | 2.21 | 10 | < 1 | 0.68 | 40 | 1.49 | 685 |
| T12925 | 203 | 205 | < 5 | 1.0 | 1.72 | 10 | 240 | 0.5 | < 2 | 0.15 | < 0.5 | 4 | 49 | 37 | 2.36 | 10 | < 1 | 0.18 | 40 | 0.43 | 285 |
| T12926 | 203 | 205 | < 5 | 0.4 | 1.27 | 10 | 120 | 0.5 | 2 | 0.12 | < 0.5 | 6 | 85 | 19 | 1.79 | < 10 | < 1 | 0.31 | 20 | 0.69 | 565 |
| T12927 | 203 | 205 | < 5 | 0.4 | 1.29 | 10 | 160 | < 0.5 | 4 | 0.04 | < 0.5 | 3 | 90 | 35 | 1.88 | < 10 | < 1 | 0.51 | 20 | 0.91 | 680 |
| T12928 | 203 | 205 | 5 | 0.8 | 1.25 | 15 | 140 | < 0.5 | < 2 | 0.05 | < 0.5 | 4 | 93 | 50 | 2.15 | < 10 | < 1 | 0.24 | 20 | 0.56 | 775 |
| T12929 | 203 | 205 | < 5 | 0.6 | 1.35 | 10 | 180 | < 0.5 | 2 | 0.09 | < 0.5 | 2 | 85 | 37 | 2.55 | < 10 | < 1 | 0.28 | 20 | 0.49 | 315 |
| T12930 | 203 | 205 | 5 | 0.6 | 1.93 | 10 | 220 | 0.5 | 2 | 0.12 | < 0.5 | 3 | 101 | 78 | 2.62 | < 10 | < 1 | 0.16 | 20 | 0.28 | 230 |
| T12931 | 203 | 205 | < 5 | 0.6 | 1.22 | 10 | 110 | 0.5 | < 2 | 0.07 | < 0.5 | 2 | 74 | 16 | 2.52 | < 10 | < 1 | 0.16 | 30 | 0.17 | 115 |
| T12932 | 203 | 205 | < 5 | 0.8 | 0.90 | 5 | 130 | < 0.5 | 2 | 0.07 | < 0.5 | 1 | 110 | 23 | 1.72 | 10 | < 1 | 0.13 | 30 | 0.11 | 90 |
| T12933 | 203 | 205 | < 5 | 0.8 | 1.03 | 5 | 140 | < 0.5 | 2 | 0.05 | < 0.5 | 1 | 84 | 44 | 1.64 | < 10 | < 1 | 0.17 | 30 | 0.31 | 330 |
| T12934 | 203 | 205 | < 5 | 0.8 | 1.91 | 25 | 150 | 0.5 | 2 | 0.12 | < 0.5 | 3 | 66 | 13 | 4.01 | 10 | 2 | 0.12 | 10 | 0.30 | 230 |
| T12935 | 203 | 205 | 10 | 0.8 | 3.31 | 15 | 210 | 0.5 | < 2 | 0.18 | < 0.5 | 7 | 78 | 15 | 3.36 | 10 | 1 | 0.13 | 20 | 0.39 | 235 |

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Page No. : 4-B
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CERTIFICATE OF ANALYSIS

A9023248

| SAMPLE DESCRIPTION | PREP CODE | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|--------------------|-----------|--------|--------|--------|-------|--------|--------|--------|--------|------|--------|-------|-------|-------|--------|
| T12917 | 203 205 | 1 | 0.02 | 6 | 510 | 40 | < 5 | 2 | 51 | 0.08 | < 10 | < 10 | 30 | < 10 | 50 |
| T12918 | 203 205 | < 1 | 0.01 | 6 | 440 | 76 | < 5 | 2 | 59 | 0.12 | 10 | < 10 | 13 | < 10 | 88 |
| T12919 | 203 205 | 1 | 0.01 | 20 | 370 | 26 | < 5 | 4 | 27 | 0.13 | < 10 | < 10 | 60 | < 10 | 68 |
| T12920 | 203 205 | < 1 | 0.01 | 7 | 280 | 32 | < 5 | 2 | 16 | 0.11 | < 10 | < 10 | 56 | < 10 | 46 |
| T12921 | 203 205 | < 1 | 0.01 | 6 | 500 | 20 | < 5 | 4 | 43 | 0.20 | < 10 | < 10 | 46 | < 10 | 112 |
| T12922 | 203 205 | < 1 | 0.01 | 7 | 380 | 42 | < 5 | 2 | 55 | 0.13 | < 10 | < 10 | 22 | < 10 | 96 |
| T12923 | 203 205 | < 1 | 0.01 | 7 | 350 | 36 | < 5 | 8 | 33 | 0.18 | < 10 | < 10 | 44 | < 10 | 166 |
| T12924 | 203 205 | < 1 | 0.01 | 8 | 390 | 194 | < 5 | 2 | 28 | 0.07 | < 10 | < 10 | 18 | < 10 | 242 |
| T12925 | 203 205 | < 1 | 0.01 | 10 | 690 | 138 | < 5 | 3 | 20 | 0.07 | < 10 | < 10 | 38 | < 10 | 156 |
| T12926 | 203 205 | < 1 | 0.01 | 10 | 450 | 184 | < 5 | 1 | 17 | 0.06 | < 10 | < 10 | 24 | < 10 | 296 |
| T12927 | 203 205 | < 1 | 0.01 | 6 | 370 | 532 | < 5 | 1 | 25 | 0.06 | < 10 | < 10 | 12 | < 10 | 326 |
| T12928 | 203 205 | 1 | < 0.01 | 7 | 240 | 524 | < 5 | 1 | 8 | 0.04 | < 10 | < 10 | 16 | < 10 | 272 |
| T12929 | 203 205 | < 1 | 0.01 | 6 | 340 | 374 | < 5 | 2 | 14 | 0.05 | < 10 | < 10 | 27 | < 10 | 130 |
| T12930 | 203 205 | 1 | 0.01 | 13 | 520 | 430 | < 5 | 3 | 17 | 0.07 | < 10 | < 10 | 51 | < 10 | 98 |
| T12931 | 203 205 | < 1 | 0.01 | 9 | 240 | 136 | < 5 | 1 | 8 | 0.04 | < 10 | < 10 | 33 | < 10 | 46 |
| T12932 | 203 205 | 1 | 0.01 | 7 | 270 | 150 | < 5 | 1 | 8 | 0.05 | 10 | < 10 | 41 | < 10 | 58 |
| T12933 | 203 205 | < 1 | < 0.01 | 8 | 150 | 490 | < 5 | 1 | 7 | 0.03 | 10 | < 10 | 17 | < 10 | 222 |
| T12934 | 203 205 | 1 | 0.01 | 13 | 220 | 36 | < 5 | 2 | 15 | 0.07 | < 10 | < 10 | 76 | < 10 | 50 |
| T12935 | 203 205 | < 1 | 0.02 | 15 | 280 | 86 | < 5 | 4 | 17 | 0.10 | < 10 | < 10 | 82 | < 10 | 52 |

CERTIFICATION: _____

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