D. L. COOKE AND ASSOCIATES LTD.
MINERAL EXPLORATION CONSULTANTS

091816

ASSESSMENT REPORT
1985 GEOCHEMICAL SURVEY
ON THE
SQUAW CREEK PROPERTY
ATLIN MINING DIVISION, B.C.
AND
WHITEHORSE MINING DISTRICT, Y.T.
N.T.S. 114P/14E and 115A/3E
59°55'N, 137°05'W and 60°00'N, 137°08'W

FOR
ARBOR RESOURCES LTD.
1500 - 675 West Hastings Street
Vancouver, B.C. V6B 1N2

BY
DAVID L. COOKE, Ph.D., P.Eng.
D.L. COOKE AND ASSOCIATES LTD.
#800 - 675 West Hastings Street
Vancouver, B.C. V6B 1N2

Work Done: Aug 20-Sept 5, 1985

Report: April 9, 1986

<table>
<thead>
<tr>
<th>Claim Number</th>
<th>Units</th>
<th>Record No.</th>
<th>Anniversary Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Muncaster</td>
<td>16</td>
<td>2266</td>
<td>March 29</td>
</tr>
<tr>
<td>Squaw Divide</td>
<td>16</td>
<td>2267</td>
<td>March 29</td>
</tr>
<tr>
<td>Snowcave</td>
<td>20</td>
<td>2268</td>
<td>March 29</td>
</tr>
<tr>
<td>Avalanche</td>
<td>20</td>
<td>2269</td>
<td>March 29</td>
</tr>
<tr>
<td>Nancy 1</td>
<td>20</td>
<td>2270</td>
<td>March 29</td>
</tr>
<tr>
<td>Julie 1</td>
<td>20</td>
<td>2271</td>
<td>March 29</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Claim Number</th>
<th>Units</th>
<th>Anniversary Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burger King</td>
<td>YA82616</td>
<td>July 18</td>
</tr>
</tbody>
</table>

Owner: Colin R. Little
Operator: Arbor Resources Ltd.
This report has been examined by the Geologic Evaluation Unit under Sect. 35 (v) Yukon Quartz Mining Act as allowed as representation for work in the amount of $200.00.

Regional Manager, Exploration and Geology [Missing signature]
[Of Yukon Territory]
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summary</td>
<td>1</td>
</tr>
<tr>
<td>Introduction</td>
<td>2</td>
</tr>
<tr>
<td>Location and Access</td>
<td>2</td>
</tr>
<tr>
<td>Physiography</td>
<td>3</td>
</tr>
<tr>
<td>Property and Ownership</td>
<td>4</td>
</tr>
<tr>
<td>History and Previous Work</td>
<td>5</td>
</tr>
<tr>
<td>1985 Exploration Program</td>
<td>5</td>
</tr>
<tr>
<td>Geology</td>
<td>6</td>
</tr>
<tr>
<td>General Geology</td>
<td>6</td>
</tr>
<tr>
<td>Property Geology and Mineralization</td>
<td>6</td>
</tr>
<tr>
<td>Geochemistry</td>
<td>7</td>
</tr>
<tr>
<td>Stream and Soil Sampling</td>
<td>7</td>
</tr>
<tr>
<td>Sampling Techniques and Analytical Results</td>
<td>7</td>
</tr>
<tr>
<td>Presentation and Discussion of Results</td>
<td>8</td>
</tr>
<tr>
<td>Rock Chip Sampling</td>
<td>9</td>
</tr>
<tr>
<td>Sampling Techniques and Analytical Results</td>
<td>9</td>
</tr>
<tr>
<td>Presentation and Discussion of Results</td>
<td>9</td>
</tr>
<tr>
<td>Conclusions and Recommendations</td>
<td>10</td>
</tr>
<tr>
<td>References</td>
<td>11</td>
</tr>
</tbody>
</table>

## APPENDICES:

<table>
<thead>
<tr>
<th>Appendix</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Cost Statement</td>
</tr>
<tr>
<td>II</td>
<td>Statement of Qualifications</td>
</tr>
<tr>
<td>III</td>
<td>Analytical Results</td>
</tr>
</tbody>
</table>

## ILLUSTRATIONS:

<table>
<thead>
<tr>
<th>Figure</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Location Map; Squaw Creek Property, Atlin Mining Division, B.C.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Location Map; Squaw Creek Property, Whitehorse Mining Division, Y.T.</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Silt Geochemistry; Squaw Creek Property, 1:5,000</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>HMC Geochemistry; Squaw Creek Property, 1:5,000</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Rock Chip Sampling; Squaw Creek Property, 1:5,000</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Soil Geochemistry; Au &amp; Ag Results; Squaw Creek Property, 1:5,000</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Soil Geochemistry: Cu, Pb, Zn Results; Squaw Creek Property, 1:5,000</td>
<td></td>
</tr>
</tbody>
</table>
SUMMARY

The Squaw Creek property covers lode gold mineralization situated on the British Columbia - Yukon Territory border, 190 kilometers west of Atlin, B.C. Rich placer gold deposits are actively being exploited by several operators on Squaw Creek. Placer activity has been intermittent on this stream since 1924.

Heavy mineral concentrate (HMC) and silt sampling was done over the Squaw Creek drainage in 1984 and 1985 in an attempt to locate the source of the placer gold. Quartz-sericite-pyrite mineralization occurs downstream from anomalous HMC samples. Assays of this mineralization returned uneconomic values for gold and silver. The area of the main creek which exhibits best anomalous HMC samples are entirely covered, and no rock samples are exposed in this area. Soil sampling in 1985 confirms the presence of anomalous conditions for gold in the same area.

The gold is believed to be derived from sources underlying Squaw Creek. A program of trenching and diamond drilling is recommended to evaluate the covered anomalous area of the creek for lode gold mineralization.
INTRODUCTION

The Squaw Creek property of Arbor Resources Ltd. is a lode gold prospect located in the Atlin Mining Division in northwestern British Columbia. The mineral claims were staked over a well-known placer gold area. Geological and geochemical work in 1984 was directed towards finding the lode source of the placer gold. Additional geochemical work in 1985 was undertaken because the 1984 work did not satisfactorily establish the lode gold source.

The writer was requested in early March, 1986 by Arbor Resources Inc. to review the 1985 results, prepare a report and to recommend further exploration if that were warranted. The writer has not visited the property. During the time of this report, the ground was covered with snow, and a visit to the property would have provided little new information.

Location and Access

The Squaw Creek property is located in northwestern British Columbia approximately 190 km west of the community of Atlin (Figure 1). The claims centre on latitude $59^\circ55'N$ and longitude $137^\circ05'W$ and cover a $28 \text{ km}^2$ area that includes the entire Squaw Creek drainage basin south of $60^\circ$ north latitude. One claim is located in the Yukon Territory (Figure 2).

The property is accessible in summer by means of a 20 km long, dry weather road that services placer mining operations along Squaw Creek and the Tatshenshini River. This road extends from the Haines Highway near the south end of Pringle Lake just 148 km north of Haines, Alaska.
Physiography

The property is located along the B.C./Yukon border near the north end of the Squaw Mountain Range. The claims are drained by the northwest flowing Squaw Creek and include the headwaters and southern half of this auriferous stream. Topography is moderately rugged with slopes of up to 30° rising from the floor of Squaw Creek at 2,500 feet to the crest of Mt. Beaton at 6,800 feet. Till cover is thin or non-existent above the valley floor, giving way to felsenmeere and outcrop at higher elevations.

The tree line is at approximately 3,000 feet. Below 3,000 feet the valleys are forested with stunted black spruce, aspen and dwarf birch, with mountain alder and willow growing along streams. Stunted buckbrush covers the hills to about 3,800 feet with alpine conditions existing above this elevation.

The area enjoys a pleasant summer climate with July temperatures averaging 20°C. Winter conditions can be expected from October to April with an average temperature of -15°C in January, the coldest month.
PROPERTY AND OWNERSHIP

The Squaw Creek property consists of 112 British Columbia mineral units in six modified grid claims located in the Atlin Mining District, and a single Yukon quartz mineral claim located in the Whitehorse Mining District (Figures 3 through 5).

The claims are owned by Colin R. Little, and are operated under agreement by Arbor Resources Ltd.

The pertinent claim data follows:

**CLAIM STATUS**

<table>
<thead>
<tr>
<th>B.C. Claim Name</th>
<th>Units</th>
<th>Record No.</th>
<th>Anniversary Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Muncaster</td>
<td>16</td>
<td>2266</td>
<td>March 29</td>
</tr>
<tr>
<td>Squaw Divide</td>
<td>16</td>
<td>2267</td>
<td>March 29</td>
</tr>
<tr>
<td>Snowcave</td>
<td>20</td>
<td>2268</td>
<td>March 29</td>
</tr>
<tr>
<td>Avalanche 2</td>
<td>20</td>
<td>2269</td>
<td>March 29</td>
</tr>
<tr>
<td>Nancy 1</td>
<td>20</td>
<td>2270</td>
<td>March 29</td>
</tr>
<tr>
<td>Julie 1</td>
<td>20</td>
<td>2271</td>
<td>March 29</td>
</tr>
</tbody>
</table>

Yukon Claims

| Burger King | -    | YA82616    | July 18         |
HISTORY AND PREVIOUS WORK

The claims overlie rich placer gold deposits along Squaw Creek. These deposits have been worked intermittently since 1924. At present, there are several placer operations on the creek. Coarse gold occurs in these deposits; some rounded and others angular in texture and associated with quartz vein material (B.C. Ministry of Mines Rept. p. A 77). The largest nugget was recovered in 1937 and weighed 46 ounces (B.C. Dept. of Mines, Bull. 25, p. 37).

The Squaw Creek mineral claims were staked in 1984, and explored for lode gold mineralization in 1984 and 1985. The 1984 program consisted of prospecting, stream silt, panned heavy mineral concentrate (HMC) and rock chip sampling. Although anomalous levels of gold were found in rock chip samples and HMC samples, economic values were more elusive. However, this work indicated certain areas in which further exploration was directed in 1985.

1985 EXPLORATION PROGRAM

The exploration work in 1985 was done by a crew of two from a base camp on the property. The work was done between August 20 and September 5, 1985 by C.R. Little and J. Thompson. Supervision was provided by A.G. Troup, P.Eng., of Archean Engineering Ltd., who also visited the property on August 22, 1985. Total expenditures were $13,477.05.

The 1985 program consisted of soil sampling at 50 to 100 metre intervals along the banks of Squaw Creek and its tributaries. Additional stream silt sampling and rock chip sampling of mineralized zones was also done.
GEOLOGY

General Geology

The geology of this area was mapped by R.B. Campbell and C.J. Dodds of the Geological Survey of Canada in 1983 and published in Open File 926. That work shows the property to be situated over the northwest trending Duke River Fault which follows the west side of Squaw Creek over the entire length of the property. East of the fault the claims are underlain by a series of metasediments and metavolcanics of Upper Triassic age, cut by Cretaceous age diorite and granodiorite stocks. West of the fault the claims are underlain by a series of limestones, argillites and minor siltstones intruded by gabbro and diabase sills. The age of the package of rocks situated west of the fault is uncertain but is believed to be Upper Paleozoic.

Property Geology and Mineralization

The property has not been mapped in recent times. Previous mapping of portions of Squaw Creek shows the underlying sedimentary rocks striking north-northwesterly and dipping steeply to vertically. The creek area is characterized by sericite schists, carbonaceous schists and gouge seams (B.C. Ministry of Mines Report, 1932, p. A78), which are typical of a major shear structure. Quartzose zones, impregnated with fine pyrite, and quartz veins and veinlets up to two feet wide occur, on Ainge Creek. Narrow quartz veins occur within a diorite intrusion on the south side of Squaw Creek. Silicified limestone occurs on the margins of the diorite.

Lode gold mineralization has not been identified in any of the quartz veins and pyritic zones. Assay of numerous samples indicate anomalous but uneconomic amounts of gold (Trace to 0.032 oz/T). See Figure 5.
GEOCHEMISTRY

Stream and Soil Sampling

Sampling Techniques and Analytical Procedures

In order to locate the source of the placer gold found in Squaw Creek, stream sediment and panned heavy mineral concentrate samples were collected at 500 m intervals along all streams on the property in 1984. Additional silt samples were collected in 1985 to fill out the area covered.

At each stream sample site approximately 300 g of active stream sediment and 500 g of panned concentrate was collected. All samples were placed in numbered kraft envelopes and sent to Chemex Laboratories Ltd. in Vancouver for analysis.

Soil samples were collected at 50 to 100 metre intervals along the banks of the creeks and tributaries. Samples were taken with a mattock from depths of 15-25 cm and placed in numbered kraft envelopes for analysis by Chemex Laboratories Ltd.

In the laboratory all samples were oven dried at approximately 60°C. The silt and soil samples were sieved to minus 80 mesh and the fine fraction analysed for gold by atomic absorption and for an additional 24 elements (Mo, W, Zn, P, Pb, Bi, Cd, Co, Ni, Ba, Fe, Mn, Cr, Mg, V, Al, Be, Ca, Cu, Ag, Ti, Sr, Na, and K) by induction coupled plasma. The heavy mineral samples were sieved to minus 10 mesh and then pulverized to minus 100 mesh. The resulting samples were fire assayed for gold and analysed for the above 24 elements by induction coupled plasma.
Presentation and Discussion of Results

Silt sample results for the elements Cu, Mo, Zn and Au are shown on Figure 3 and laboratory results for all elements are included in Appendix III. The results are surprisingly low for all elements of interest with only a handful of samples having detectible gold concentrations ranging from 10 ppb to 30 ppb.

Soil sample results for Au and Ag are presented on Figure 6 and Cu, Pb, Zn on Figure 7. Significant levels (10 ppb to 330 ppb) of gold occur along a section of Squaw Creek which is presently being worked, and along tributary Ainge and Wade Creeks.

Heavy mineral sample sites are shown on Figure 4 and laboratory results are given in Appendix III. The results show high gold concentrations of up to 100,000 ppb Au to be confined to placer producing sections of Squaw Creek. Tributary creeks run as high as 19,200 ppb gold. Values in silver are also high, and in places exceed 200 ppm Ag on the main creek and 20 ppm Ag on a tributary creek from the south.
Rock Chip Sampling

Sampling Techniques and Analytical Procedures

In the course of prospecting the property extensive areas of quartz veining, sericite alteration and pyrite veining were found along the Duke River Fault zone which follows the west side of Squaw Creek. Rock chip samples were taken across quartz veins and pyritic zones discovered along the main and tributary creeks in 1984. Additional samples were collected from one Yukon claim and a few other locations in 1985. At each sample site three or four representative, fist-sized samples were collected and placed in a numbered plastic bag. The samples were shipped to either Chemex Labs. Ltd. in North Vancouver, or Bondar Clegg Laboratories in Whitehorse for analysis. In the laboratory the samples were crushed to minus 200 mesh and fire assayed for gold and silver.

Presentation and Discussion of Results

Rock chip sample sites for 1984 and 1985 are shown on Figure 6 for the sake of completeness. The 1985 assay results are given in Appendix III. The results are very low with only five samples showing gold concentrations above 0.01 oz/ton. The highest assay of 0.032 oz/ton was obtained from a three metre wide vein found on the Burger King claim.
CONCLUSIONS AND RECOMMENDATIONS

Results of the survey suggest that the placer gold along Squaw Creek has been derived from a northwest trending shear zone that can be traced over a large portion of the area occupied by the main creek. Extensive areas of quartz, sericite and pyrite alteration were found along the northwest part of this shear but assays of the best surface mineralization are uneconomic. Both HMC and soil sampling suggests that some of the gold may be derived from covered portions of Squaw Creek between Paul's Camp and Bonnie Gulch and along Ainge and Wade Creeks.

Further exploration of the Squaw Creek property is warranted. Additional work consisting of backhoe trenching and diamond drilling is recommended to evaluate the anomalous areas for economic lode gold mineralization.

Report by:
D.L. COOKE AND ASSOCIATES LTD.

David L. Cooke, Ph.D., P.Eng.
REFERENCES

B.C. Ministry of Mines, 1983:

B.C. Department of Mines, 1948:
Bulletin No. 25, pp. 36-38.

Campbell, R.B., Dodds, C.J., 1983:
Geology of Tatshenshini River map-area (114 p), G.S.C. O.F. 926.

Little, Colin, R., 1984:
Report on the Squaw Creek Mineral Claims, Atlin Mining Division, B.C., pp. 2.

Troup, A.R., 1985:
Geochemical Report on the Squaw Creek Property, Atlin Mining Division and Whitehorse Mining District, pp. 16.
APPENDIX I

COSTS STATEMENT
SQUAW CREEK, KWATINI and BURGER KING CLAIMS
20 August - 5 September 1985

SALARIES AND WAGES AND BENEFITS:
C. Little, 20Aug-5Sep, 15days $1,270.50
J. Thompson, 24Aug-2Sep 9days 720.00
A. Troup, 22Aug 250.00

FOOD & ACCOMMODATION:
3pers, 25 man days @ $25.58 639.51

FIXED WING TRAVEL:
Klondike Travel, 1 pers $349.00
Taxi 10.45 359.45

HELICOPTER:
Trans North Air, 24Aug, 1.9hr @ $553 1,050.70

SUPPLIES:
Fuel: 97.18

SHIPPING & POSTAGE: 201.22

FIELD TELEPHONE SERVICE 6.00

RENTALS:
J. Thompson ATV, 24Aug-2Sep, 10days @ $6 60.00
Norcan 4wd PU, 26Aug-5Sep, 10days @ $97.49 974.88
Ezekiel Camp Equipment, 25 man days @ $6 150.00 1,184.88

CONSULTANT FEES:
Archean Engineering 1,482.00

ASSAYS & ANALYSES:
11 HMC for Au & 30-element ICP @ $26.75 $294.25
36 Rock for Au & 30-element ICP @ $15.25 549.00
3 Rock for Au, Ag @ $14.25 42.75
1 Rock for Ni, Ag, Au, Pt, Pd 30.50
181 Soil for Au @ 30-element ICP @ $14.75 2,669.75
1 Soil for Au, Pt, Pd 16.25
13 Pulp for As @ $3.50 45.50
1 Pulp for 30-element ICP 6.50 3,654.50

REPORT PREPARATION: 2,305.00

TOTAL COSTS: $13,477.05

COSTS APPORTIONED TO CLAIMS:

<table>
<thead>
<tr>
<th>Claim</th>
<th>Month</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUNCASTER</td>
<td>March</td>
<td>$3,119.26</td>
</tr>
<tr>
<td>SNOW CAVE</td>
<td>March</td>
<td>$3,119.27</td>
</tr>
<tr>
<td>AVALANCHE 2</td>
<td>March</td>
<td>$3,119.26</td>
</tr>
<tr>
<td>JULIE 1</td>
<td>March</td>
<td>$3,119.26</td>
</tr>
<tr>
<td>BURGER KING</td>
<td>July</td>
<td>200.00</td>
</tr>
<tr>
<td>KWATINI 1</td>
<td>August</td>
<td>200.00</td>
</tr>
<tr>
<td>KWATINI 2</td>
<td>August</td>
<td>200.00</td>
</tr>
<tr>
<td>KWATINI 3</td>
<td>August</td>
<td>200.00</td>
</tr>
<tr>
<td>KWATINI 4</td>
<td>August</td>
<td>200.00</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td>$13,477.05</td>
</tr>
</tbody>
</table>

D. L. COOKE AND ASSOCIATES LTD.
PERSONNEL, CONTRACTORS AND SUPPLIERS LIST

Mark Management Ltd.

Colin Little, 1746 MacDonald Street, Vancouver, B.C.  
Jason Thompson, #24 - 100 Lewis Blvd, Whitehorse  
A. Troup, 3605 Creery, W. Vancouver, B.C.

CONSULTANTS

Archean Engineering Ltd., 3605 Creery, West Vancouver, B.C.

SUPPLIERS

Canadian Freightways, Whitehorse  
Chemex Labs Ltd., 212 Brooksbank Ave., North Vancouver, B.C.  
Chilkoot Trail Inn, 4190 4th Ave., Whitehorse  
Cozy Corner, Whitehorse  
CP Air, Whitehorse  
Dawson City General Store, Bag 450, Dawson City, Yukon  
Dezadeash Lodge, Haines Jct.  
Ezekiel Explorations Ltd., 1500-675 W. Hastings, Vancouver, B.C.  
Frontier Freight Lines, 105 Gold Road, Whitehorse  
Klondike Travel, Dawson City  
Mr. Mikes, Whitehorse  
Pat's Place, 4th & Main, Whitehorse  
RWR Mineral Graphics Ltd., 1024 470 Granville, Vancouver, B.C.  
Stratford Motel, Whitehorse  
Super Valu 80, Whitehorse  
Trails North Truck/Auto, Whitehorse  
VANCAL, 1180 W. Hastings, Vancouver, B.C.  
Western Reproductions Ltd., 514 Hornby, Vancouver, B.C.  
Yellow Cab, 106 Main, Whitehorse
APPENDIX II

STATEMENT OF QUALIFICATIONS

I, DAVID LAWRENCE COOKE, of the Municipality of Surrey in the Province of British Columbia, hereby certify:

1. That I am a Consulting Geologist, residing at 16331 Bell Road, Surrey, B.C., V3S 1J9, with a business office at 800 - 675 West Hastings Street, Vancouver, B.C., V6B 1N2.

2. That I graduated with a B.Sc. degree in Geology from the University of New Brunswick in 1959, and with a M.A. degree and Ph.D. degree in Geology from the University of Toronto in 1961 and 1966 respectively.

3. That I have practised my profession as an exploration geologist from 1959 to the present time in Canada, the U.S.A., Mexico, the Caribbean and South America.

4. That I am a Registered Member of the Association of Professional Engineers of the Province of British Columbia.

5. That I have no material interest in the Squaw Creek property, nor the shares of Arbor Resources Ltd., nor do I expect to receive any interest.

6. That I consent to the use of this report in a Prospectus or Statement of Material Facts for the purpose of a private or public financing.

[Signature]
DAVID L. COOKE, PH.D., P.ENG.
APPENDIX III

ANALYTICAL RESULTS
TO: ARBOR RESOURCES INC.
1500 - 675 W. HASTINGS ST.
VANCOUVER, B.C.
V6B 1N2

ATTN: ART TROUP

<table>
<thead>
<tr>
<th>Sample description</th>
<th>Prep code</th>
<th>Pt ppb</th>
<th>Pd ppb</th>
</tr>
</thead>
<tbody>
<tr>
<td>50373</td>
<td>207</td>
<td>&lt;50</td>
<td>&lt;5</td>
</tr>
</tbody>
</table>
## CERTIFICATE OF ASSAY

**TO:** ARBOR RESOURCES INC.
1500 - 675 W. HASTINGS ST.
VANCOUVER, B.C.
V6B 1N2

**ATTN:** ART TROUP

<table>
<thead>
<tr>
<th>Sample description</th>
<th>Prep code</th>
<th>Ni %</th>
<th>Ag FA oz/T</th>
<th>Au FA oz/T</th>
</tr>
</thead>
<tbody>
<tr>
<td>50373</td>
<td>207</td>
<td>&lt;0.01</td>
<td>&lt;0.01</td>
<td>0.002</td>
</tr>
</tbody>
</table>

**CERT. #:** A8516299-001-A

**INVOICE #:** I8516299

**DATE:** 23-SEP-85

**P.O. #:** NONE

**SQUAW**

Registered Assayer, Province of British Columbia
# CERTIFICATE OF ANALYSIS

**TO:** ARBOR RESOURCES INC.
1500 - 675 W. HASTINGS ST.
VANCOUVER, B.C.
V6B 1N2

**ATTN:** ART TROUP

<table>
<thead>
<tr>
<th>Sample description</th>
<th>Prep code</th>
<th>Au ppb</th>
<th>Pt ppb</th>
<th>Pd ppb</th>
</tr>
</thead>
<tbody>
<tr>
<td>AKB-1</td>
<td>203</td>
<td>&lt;5</td>
<td>&lt;50</td>
<td>&lt;5</td>
</tr>
</tbody>
</table>

**CERT. #:** A8516297-001-A
**INVOICE #:** 18516297
**DATE:** 19-SEP-85
**P.O. #:** NONE
**SQUAW**

Certified by: 

[Signature]

[small print: **CERT. **]
**CERTIFICATE OF ANALYSIS**

**TO:** ARBOR RESOURCES INC.

1500 - 675 W. HASTINGS ST.
VANCOUVER, B.C.
V6B 1N2

**ATTN:** ART TROUP

<table>
<thead>
<tr>
<th>Sample description</th>
<th>Prep code</th>
<th>AS ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>BK 01</td>
<td>214</td>
<td>24</td>
</tr>
<tr>
<td>BK 02</td>
<td>214</td>
<td>5</td>
</tr>
<tr>
<td>BK 03</td>
<td>214</td>
<td>30</td>
</tr>
<tr>
<td>SQ 01</td>
<td>214</td>
<td>12</td>
</tr>
<tr>
<td>SQ 02</td>
<td>214</td>
<td>24</td>
</tr>
<tr>
<td>SQ 03</td>
<td>214</td>
<td>1</td>
</tr>
<tr>
<td>SQ 04</td>
<td>214</td>
<td>3</td>
</tr>
<tr>
<td>SQ 05</td>
<td>214</td>
<td>4</td>
</tr>
<tr>
<td>SQ 06</td>
<td>214</td>
<td>5</td>
</tr>
<tr>
<td>SQ 07</td>
<td>214</td>
<td>2</td>
</tr>
<tr>
<td>SQ 08</td>
<td>214</td>
<td>2</td>
</tr>
<tr>
<td>SQ 09</td>
<td>214</td>
<td>2</td>
</tr>
</tbody>
</table>

**CERT. #** : A8513103-001-1

**INVOICE #** : I8513103

**DATE** : 1-JUL-85

**P.O. #** : NONE

**SQUAW**

**INVOICE #** : I8513103

**VANCOUVER**

**V60**

**IN2**

**ILLUSTRATION**

Certified by

[Signature]

*Certified by [Signature]*
<table>
<thead>
<tr>
<th>Sample</th>
<th>K2O</th>
<th>Na2O</th>
<th>MgO</th>
<th>CaO</th>
<th>Al2O3</th>
<th>Fe2O3</th>
<th>TiO2</th>
<th>MnO</th>
<th>P2O5</th>
<th>SiO2</th>
<th>H2O</th>
<th>Loss</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>2.04</td>
<td>1.02</td>
<td>0.12</td>
<td>0.05</td>
<td>0.06</td>
<td>0.06</td>
<td>0.01</td>
<td>0.01</td>
<td>0.01</td>
<td>0.01</td>
<td>0.01</td>
<td>0.01</td>
<td>0.01</td>
</tr>
<tr>
<td>02</td>
<td>2.08</td>
<td>1.03</td>
<td>0.12</td>
<td>0.05</td>
<td>0.06</td>
<td>0.06</td>
<td>0.01</td>
<td>0.01</td>
<td>0.01</td>
<td>0.01</td>
<td>0.01</td>
<td>0.01</td>
<td>0.01</td>
</tr>
<tr>
<td>03</td>
<td>2.10</td>
<td>1.04</td>
<td>0.12</td>
<td>0.05</td>
<td>0.06</td>
<td>0.06</td>
<td>0.01</td>
<td>0.01</td>
<td>0.01</td>
<td>0.01</td>
<td>0.01</td>
<td>0.01</td>
<td>0.01</td>
</tr>
</tbody>
</table>

Notes:
- Values are in weight percentages.
- K2O, Na2O, MgO, CaO, Al2O3, Fe2O3, TiO2, MnO, P2O5, SiO2, H2O, and Loss are the major oxides present.
- Total is the sum of all oxides present, excluding H2O and Loss.

COMMENTS:
- CO: COLUMBIA WADE EXPLORATION
- DC: CO: COLUMBIA WADE EXPLORATION
<table>
<thead>
<tr>
<th>Sample</th>
<th>Si</th>
<th>Al</th>
<th>Fe</th>
<th>Ca</th>
<th>Mg</th>
<th>K</th>
<th>Na</th>
<th>Zn</th>
<th>Sr</th>
<th>Ba</th>
<th>P</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-300</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
</tr>
<tr>
<td>50-301</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
</tr>
<tr>
<td>50-302</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
<td>0.23</td>
</tr>
</tbody>
</table>

**Comments:**
- Semi-quantitative multi-element ICP analysis.
- Nitric-Aqua-Regia digestion of A.G. sample material followed by ICP analysis. Final digestion is incomplete for some volatile elements. Values reported as A.G. 61.6% Fe. 10.5% Ca. 9.2% Na. 4.8% Ti. It is recommended only be considered as semi-quantitative.
**Certificate of Analysis**

**Chemex Labs Ltd.**

212 Brooksbank Ave.
North Vancouver, B.C.
Canada
V7L 2C1

Telephone (604) 984-0221
Telex: 04352967

**TO: RAP MANAGEMENT LIMITED**

**1907 - 665 WEST HASTINGS ST.**

**Vancouver, B.C.**

**VBE INC.**

<table>
<thead>
<tr>
<th>Sample</th>
<th>Na</th>
<th>K</th>
<th>Ca</th>
<th>Mg</th>
<th>Fe</th>
<th>Al</th>
<th>Si</th>
<th>Cu</th>
<th>Zn</th>
<th>Co</th>
<th>Ni</th>
<th>Cr</th>
<th>Mn</th>
<th>Zr</th>
<th>Nb</th>
<th>Mo</th>
<th>Ta</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>03-443</td>
<td>0.44</td>
<td>0.2</td>
<td>1.6</td>
<td>0.06</td>
<td>0.05</td>
<td>0.2</td>
<td>0.05</td>
<td>0.02</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
</tr>
<tr>
<td>04-444</td>
<td>0.44</td>
<td>0.2</td>
<td>1.6</td>
<td>0.06</td>
<td>0.05</td>
<td>0.2</td>
<td>0.05</td>
<td>0.02</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
</tr>
<tr>
<td>04-445</td>
<td>0.44</td>
<td>0.2</td>
<td>1.6</td>
<td>0.06</td>
<td>0.05</td>
<td>0.2</td>
<td>0.05</td>
<td>0.02</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
</tr>
<tr>
<td>04-446</td>
<td>0.44</td>
<td>0.2</td>
<td>1.6</td>
<td>0.06</td>
<td>0.05</td>
<td>0.2</td>
<td>0.05</td>
<td>0.02</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
</tr>
<tr>
<td>04-447</td>
<td>0.44</td>
<td>0.2</td>
<td>1.6</td>
<td>0.06</td>
<td>0.05</td>
<td>0.2</td>
<td>0.05</td>
<td>0.02</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
</tr>
<tr>
<td>04-448</td>
<td>0.44</td>
<td>0.2</td>
<td>1.6</td>
<td>0.06</td>
<td>0.05</td>
<td>0.2</td>
<td>0.05</td>
<td>0.02</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
</tr>
<tr>
<td>04-449</td>
<td>0.44</td>
<td>0.2</td>
<td>1.6</td>
<td>0.06</td>
<td>0.05</td>
<td>0.2</td>
<td>0.05</td>
<td>0.02</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
</tr>
<tr>
<td>04-450</td>
<td>0.44</td>
<td>0.2</td>
<td>1.6</td>
<td>0.06</td>
<td>0.05</td>
<td>0.2</td>
<td>0.05</td>
<td>0.02</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
</tr>
<tr>
<td>04-451</td>
<td>0.44</td>
<td>0.2</td>
<td>1.6</td>
<td>0.06</td>
<td>0.05</td>
<td>0.2</td>
<td>0.05</td>
<td>0.02</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
<td>0.05</td>
</tr>
</tbody>
</table>

**Comments:**

COMMENTS: CCI: COLUMBIA WADE EXPLORATION

**Nitric-Aqua-Aqua digestion of 2.5 g of material followed by ICP analysis.**
**Digestion is incomplete for many minerals.**
**Values reported for Al, Stg, F, Pt, Pd, Cu, Zn, Co, Ni, Cr, Mn, Zr, Nb, Mo, Ta, W only be considered semi-quantitative.**
## Chemex Labs Ltd.

**212 Brookbank Ave.**

**North Vancouver, B.C.**

**V7J 2C1**

**Telephone:** (604) 984-0210

**Fax:** 043-52597

---

### CERTIFICATE OF ANALYSIS

TO: MARK MANAGEMENT LIMITED

1500 - 675 WEST HASTINGS ST.

VANCOUVER, B.C.

V6B 1N2

---

**CERT. #:** AS016241-001-A

**INVOICE #:** 1B016241

**DATE:** 1B-BPB-85

**P.O. #:** N/A

---

**COMMENT:** COLUMBIA WADE EXP.

---

### Semi quantitative multi element ICP analysis

**Nitric-Aqua-Regia digestion of 0.5 mg of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Si, Be, Re, Ca, Fe, Ga, La, Mg, Na, Sr, Ti, Ti, W and V can only be considered as semi-quantitative.**

---

### Sample Report

<table>
<thead>
<tr>
<th>Sample</th>
<th>Au g/pt</th>
<th>Al %</th>
<th>Ag %</th>
<th>As %</th>
<th>Ba %</th>
<th>Be %</th>
<th>Mg %</th>
<th>Ca %</th>
<th>Co %</th>
<th>Cr %</th>
<th>Cu %</th>
<th>Pb %</th>
<th>Si %</th>
<th>Sn %</th>
<th>Sr %</th>
<th>Ti %</th>
<th>Zn %</th>
</tr>
</thead>
<tbody>
<tr>
<td>S0-240</td>
<td>55</td>
<td>0.24</td>
<td>0.8</td>
<td>30</td>
<td>60</td>
<td>90</td>
<td>80</td>
<td>60</td>
<td>40</td>
<td>30</td>
<td>20</td>
<td>10</td>
<td>50</td>
<td>80</td>
<td>60</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>S0-241</td>
<td>10</td>
<td>0.12</td>
<td>0.6</td>
<td>20</td>
<td>50</td>
<td>80</td>
<td>70</td>
<td>50</td>
<td>40</td>
<td>30</td>
<td>20</td>
<td>10</td>
<td>40</td>
<td>70</td>
<td>50</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>S0-242</td>
<td>5</td>
<td>0.24</td>
<td>1.2</td>
<td>50</td>
<td>80</td>
<td>100</td>
<td>90</td>
<td>80</td>
<td>70</td>
<td>60</td>
<td>50</td>
<td>40</td>
<td>30</td>
<td>20</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S0-243</td>
<td>50</td>
<td>0.99</td>
<td>0.5</td>
<td>20</td>
<td>50</td>
<td>80</td>
<td>70</td>
<td>60</td>
<td>50</td>
<td>40</td>
<td>30</td>
<td>20</td>
<td>10</td>
<td>40</td>
<td>70</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S0-244</td>
<td>10</td>
<td>1.2</td>
<td>0.6</td>
<td>20</td>
<td>50</td>
<td>80</td>
<td>70</td>
<td>60</td>
<td>50</td>
<td>40</td>
<td>30</td>
<td>20</td>
<td>10</td>
<td>40</td>
<td>70</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S0-245</td>
<td>25</td>
<td>1.01</td>
<td>1.1</td>
<td>20</td>
<td>50</td>
<td>80</td>
<td>70</td>
<td>60</td>
<td>50</td>
<td>40</td>
<td>30</td>
<td>20</td>
<td>10</td>
<td>40</td>
<td>70</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S0-246</td>
<td>10</td>
<td>0.22</td>
<td>0.2</td>
<td>10</td>
<td>20</td>
<td>30</td>
<td>40</td>
<td>50</td>
<td>60</td>
<td>70</td>
<td>80</td>
<td>90</td>
<td>100</td>
<td>110</td>
<td>120</td>
<td>130</td>
<td></td>
</tr>
</tbody>
</table>

---

**Certified by:** [Signature]

---

**Sample description:**

<table>
<thead>
<tr>
<th>Sample</th>
<th>Au g/pt</th>
<th>Si %</th>
<th>Sn %</th>
<th>Sr %</th>
<th>Ti %</th>
<th>Zn %</th>
</tr>
</thead>
<tbody>
<tr>
<td>S0-240</td>
<td>55</td>
<td>60</td>
<td>80</td>
<td>60</td>
<td>40</td>
<td>30</td>
</tr>
<tr>
<td>S0-241</td>
<td>10</td>
<td>50</td>
<td>80</td>
<td>70</td>
<td>60</td>
<td>50</td>
</tr>
<tr>
<td>S0-242</td>
<td>5</td>
<td>40</td>
<td>70</td>
<td>60</td>
<td>50</td>
<td>40</td>
</tr>
<tr>
<td>S0-243</td>
<td>50</td>
<td>80</td>
<td>70</td>
<td>60</td>
<td>50</td>
<td>40</td>
</tr>
<tr>
<td>S0-244</td>
<td>10</td>
<td>40</td>
<td>70</td>
<td>60</td>
<td>50</td>
<td>40</td>
</tr>
<tr>
<td>S0-245</td>
<td>25</td>
<td>50</td>
<td>80</td>
<td>70</td>
<td>60</td>
<td>50</td>
</tr>
<tr>
<td>S0-246</td>
<td>10</td>
<td>30</td>
<td>60</td>
<td>50</td>
<td>40</td>
<td>30</td>
</tr>
</tbody>
</table>
Chemex Labs Ltd.

212 Brooksbank Ave.
North Vancouver, B.C.
Canada
V7W 2C1

Telephone: (604) 984-0221
Telex: 04352597

CERTIFICATE OF ANALYSIS

TD: MARK MANAGEMENT LIMITED

1500 - 675 WEST HASTINGS ST.
VANCOUVER, B.C.

V8P 1N2

CERT. #: A0516242-001-A
INVOICE #: IS0616242
DATE: 23-SEP-88
P.O. #: None

Semi quantitative multi element ICP analysis
Nitric-Aqua-Resia digestion of 0.5 g of
material followed by ICP analysis. Since this
digestion is incomplete for many minerals,
values reported for Al, As, Ba, Be, Ca, Cu,
Ga, La, Mg, Ni, Na, Sr, Ti, U and V can
only be considered as semi-quantitative.

COMMENTS:
CC: COLUMBIA WADE EXP.

<table>
<thead>
<tr>
<th>Sample</th>
<th>Na</th>
<th>K</th>
<th>Ca</th>
<th>Mg</th>
<th>Fe</th>
<th>Zn</th>
<th>Cr</th>
<th>Cu</th>
<th>Co</th>
<th>Mn</th>
<th>Pb</th>
<th>Sr</th>
<th>Si</th>
<th>P</th>
<th>Si O 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>00-32</td>
<td>0.79</td>
<td>2.4</td>
<td>40</td>
<td>80</td>
<td>0.5</td>
<td>0.58</td>
<td>3.0</td>
<td>285</td>
<td>66</td>
<td>295</td>
<td>97</td>
<td>71</td>
<td>0.01</td>
<td>0.10</td>
<td>12</td>
</tr>
<tr>
<td>00-33</td>
<td>0.79</td>
<td>2.4</td>
<td>40</td>
<td>20</td>
<td>0.5</td>
<td>1.52</td>
<td>1.0</td>
<td>266</td>
<td>301</td>
<td>319</td>
<td>26.43</td>
<td>0.01</td>
<td>1.45</td>
<td>5075</td>
<td>9</td>
</tr>
<tr>
<td>00-34</td>
<td>0.72</td>
<td>0.8</td>
<td>210</td>
<td>70</td>
<td>0.5</td>
<td>1.52</td>
<td>1.0</td>
<td>67</td>
<td>158</td>
<td>3802</td>
<td>23.32</td>
<td>0.17</td>
<td>90</td>
<td>0.94</td>
<td>1225</td>
</tr>
<tr>
<td>00-35</td>
<td>0.72</td>
<td>0.8</td>
<td>210</td>
<td>70</td>
<td>0.5</td>
<td>1.52</td>
<td>1.0</td>
<td>67</td>
<td>158</td>
<td>3802</td>
<td>23.32</td>
<td>0.17</td>
<td>90</td>
<td>0.94</td>
<td>1225</td>
</tr>
<tr>
<td>00-36</td>
<td>0.72</td>
<td>0.8</td>
<td>210</td>
<td>70</td>
<td>0.5</td>
<td>1.52</td>
<td>1.0</td>
<td>67</td>
<td>158</td>
<td>3802</td>
<td>23.32</td>
<td>0.17</td>
<td>90</td>
<td>0.94</td>
<td>1225</td>
</tr>
<tr>
<td>00-37</td>
<td>0.72</td>
<td>0.8</td>
<td>210</td>
<td>70</td>
<td>0.5</td>
<td>1.52</td>
<td>1.0</td>
<td>67</td>
<td>158</td>
<td>3802</td>
<td>23.32</td>
<td>0.17</td>
<td>90</td>
<td>0.94</td>
<td>1225</td>
</tr>
</tbody>
</table>

Certified by:
Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Ti, Ti, W and V can only be considered as semi-quantitative.

**COMMENTS:**
- ATTN: ART TRoup

| Sample | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | K | Mg | Mn | Mo | Na | Ni | P | Pb | Sb | S | Ti | Tl | U | V | W | Zn |
|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| description | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 50073 | 0.03 | 0.2 | 0.2 | 0.3 | 0.5 | 0.4 | 0.5 | 0.5 | 0.7 | 0.5 | 26 | 26 | 1.5 | 0.1 | 0.1 | 0.02 | 0.2 | 0.2 | 0.0 | 7 | 280 | 4 | 10 | 9 | 0.01 | 10 | 0.1 | 10 | 0.1 | 10 | -- | -- |
Chemex Labs Ltd.

212 Brookbank Ave,
North Vancouver, B.C.
Canada V7J 2C1

Telephone: (604) 984-0221
Telex: 04362597

Analytical Chemists
Geochemists
Registered Assayers

CERTIFICATE OF ANALYSIS

TO: ARDBP RESOURCES INC.
1500 - 6TH W. HASTINGS ST.
VANCOUVER, B.C.

INVOICE #: AB516298-001-A
DATE: 22-SEP-85

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 g of material followed by ICP analysis. Since the digestion is incomplete for many minerals, values reported for Al, Si, Ba, Be, Co, Cr, Ga, La, Mg, Mn, Ni, Sr, Th, Ti, W and U can only be considered as semi-quantitative.

COMMENTS:
ATTN: ART GROUP

Sample | Al | As | Au | Ba | Be | Bi | Ca | Co | Cr | Cu | Fe | Ga | Hf | K | La | Mg | Mn | Mo | Na | Nb | Ni | P | Pb | Pb | Sb | Sr | Ti | V | W | Zn
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>AHB-1</td>
<td>0.10</td>
<td>0.1</td>
<td>20</td>
<td>40</td>
<td>0.5</td>
<td>0.23</td>
<td>0.5</td>
<td>15</td>
<td>16</td>
<td>25</td>
<td>6.35</td>
<td>&lt;10</td>
<td>0.10</td>
<td>0.08</td>
<td>140</td>
<td>2</td>
<td>0.01</td>
<td>44</td>
<td>430</td>
<td>22</td>
<td>&lt;10</td>
<td>17</td>
<td>0.01</td>
<td>&lt;10</td>
<td>10</td>
<td>9</td>
<td>&lt;10</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>

Certified by: [Signature]

Date: [Signature Date]
## Certificate of Analysis

**Chemex Labs Ltd.**

212 Brooksbank Ave.
North Vancouver, B.C.
Canada

**Telephone:** (604) 984-0221  
**Telex:** 043-62597

**TO:** COLUMBIA WADE EXPLORATION  
**FROM:** COLUMBIA WADE EXPLORATION LTD.

**DATE:** [Blank]  
**INVOICE:** [Blank]

**DEPT.** [Blank]  
**B.O.** [Blank]

**INVOICE No.:** 4010-0014  
**INV. Date:** 24-SEP-80  
**INV. No.:** [Blank]

---

### Semi-quantitative multi-element ICP analysis

Metrion-Aqua-Reds direction of O.C. and C. material followed by ICP analyses. Since the direction is inconsistent for many of the values reported for Al, Cl, Ca, Co, Cu, Fe, Hg, K, Mg, Mn, Mo, N, Na, Sr, Ti, Tl, V, and Zn only be considered as semi-quantitative.

**COMMENTS:**

- COLUMBIA WADE EXPLORATION

---

### Analysis Results

<table>
<thead>
<tr>
<th>Sample</th>
<th>Sr</th>
<th>Ca</th>
<th>Na</th>
<th>Mg</th>
<th>K</th>
<th>Ti</th>
<th>Al</th>
<th>V</th>
<th>Cr</th>
<th>Mn</th>
<th>Fe</th>
<th>Ni</th>
<th>Cu</th>
<th>Zn</th>
<th>Co</th>
<th>Mo</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-124</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
</tr>
<tr>
<td>10-125</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
<td>[Data]</td>
</tr>
</tbody>
</table>

---

**Signatory:** [Signature]

**Note:** The data provided in the table above is indicative of the chemical composition analysis conducted by Chemex Labs Ltd. for the samples mentioned. The results are presented in parts per million (ppm) and are indicative of the semi-quantitative nature of the ICP analysis. The comments section highlights the direction for O.C. and C. material followed by ICP analyses, noting the inconsistency of values for certain elements, which are only considered semi-quantitative.