D. I. T. HOLDINGS LTD.
SUITE 102 - 2222 BELLEVUE AVENUE
WEST VANCOUVER, B.C.

1030/9E
REPORT ON THE

JC #1-24 and JJ #1-2 CLAIMS
GEORGIE RIVER - PORTLAND CANAL AREA
SKEENA MINING DIVISION
STEWART, BRITISH COLUMBIA

55-44 N. LAT. 130-05 W. LONG.

FOR

INLAND COPPER LTD.,
215-470 GRANVILLE STREET
VANCOUVER 2, B.C.

4820
BY

1030/9E
DONALD W. TULLY, P.ENG.

AUGUST 10, 1973 WEST VANCOUVER, B.C.

Department of
Mines and Geodetic Resources
ASSOCIATE REPORT
NO 4820 MAP
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SUMMARY AND CONCLUSIONS

The JC #1-24, JJ #1-2 and C #1 and C #4 claim groups comprise twenty-eight unpatented contiguous mineral claims on Collins Ridge at Georgie River about 15 miles south of Stewart, British Columbia.

Two mineral showings were chip sampled along north-northwesterly trending shear zones in gradational phases of diorite-andesite-greenstone. One showing returned economic values in copper.

A strong magnetic anomaly is indicated in the area of the copper mineral showings from previous exploration activities.

Geochemical, magnetometer and electromagnetic exploration is recommended to enlarge the known mineral occurrences and test for new mineral targets in two areas of known chalcopyrite-pyrrhotite bearing rock boulders. Drilling is proposed.

The estimated cost of the proposed work program is $26,559.00.

INTRODUCTION

Mr. C. Toporowski, President of Inland Copper Ltd., requested the writer to examine the mineral showings at Georgie River in company with Messrs. Joseph Sullivan, P.Eng., S. Toporowski and G. Douglas. The examination was performed on July 24 and 25, 1973.
PROPERTY LOCATION, ACCESS, TOPOGRAPHY

The JC, JJ and C claims are located about fifteen miles south of Stewart, British Columbia, on the east side of the Portland Canal and adjoining the west side of the Georgie River about three miles above the mouth of this river.

Access is best by helicopter which is based at Stewart. Trails are reported leading from the mouth of the Georgie River to the claim groups.

Topography is rugged. The claims are generally between elevations 1250 and 3000 feet above sea-level. Slopes and creek drainage are south. Forest cover is relatively open and overburden is relatively shallow.

CLAIMS

Inland Copper Ltd. has an option on twenty-eight mineral claims in the Skeena Mining Division, British Columbia.

The JC claims were staked on July 24-25, 1973 by Mr. Joseph Sullivan, P.Eng., as follows:

<table>
<thead>
<tr>
<th>CLAIM NAME</th>
<th>TAG NUMBER</th>
<th>DATE STAKED</th>
</tr>
</thead>
<tbody>
<tr>
<td>JC # 1</td>
<td>451197 M</td>
<td>July 24, 1973</td>
</tr>
<tr>
<td>2</td>
<td>451196 M</td>
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<tr>
<td>3</td>
<td>451199 M</td>
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<tr>
<td>4</td>
<td>451198 M</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>451201 M</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>451200 M</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>451217 M</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>451216 M</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>451211 M</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>451210 M</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>451212 M</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>451213 M</td>
<td></td>
</tr>
</tbody>
</table>
GENERAL TREND OF STEEP ESCARPMENT

CLAIM LOCATION MAP
OF
JC, JJ & C CLAIM GROUP

SCALE: 1" = 1500'

Department of
Mines and Petroleum Resources

ASSESSMENT REPORT

NO. 4820 MAP #2
<table>
<thead>
<tr>
<th>CLAIM NAME</th>
<th>TAG NUMBER</th>
<th>DATE STAKED</th>
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</thead>
<tbody>
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<td>JC #13</td>
<td>451215 M</td>
<td>July 24, 1973</td>
</tr>
<tr>
<td>14</td>
<td>451214 M</td>
<td>&quot;</td>
</tr>
<tr>
<td>15</td>
<td>451219 M</td>
<td>&quot;</td>
</tr>
<tr>
<td>16</td>
<td>451218 M</td>
<td>&quot;</td>
</tr>
<tr>
<td>17</td>
<td>451221 M</td>
<td>July 25, 1973</td>
</tr>
<tr>
<td>18</td>
<td>451220 M</td>
<td>&quot;</td>
</tr>
<tr>
<td>19</td>
<td>451223 M</td>
<td>&quot;</td>
</tr>
<tr>
<td>20</td>
<td>451222 M</td>
<td>&quot;</td>
</tr>
<tr>
<td>21</td>
<td>451225 M</td>
<td>&quot;</td>
</tr>
<tr>
<td>22</td>
<td>451224 M</td>
<td>&quot;</td>
</tr>
<tr>
<td>23</td>
<td>451209 M</td>
<td>July 24, 1973</td>
</tr>
<tr>
<td>24</td>
<td>451208 M</td>
<td>&quot;</td>
</tr>
<tr>
<td>JJ #1</td>
<td>4510202 M</td>
<td>August 8, 1973</td>
</tr>
<tr>
<td>2</td>
<td>4510203 M</td>
<td>&quot;</td>
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</tbody>
</table>

The JC #1-24 claims were recorded on July 30, 1973 at Vancouver, British Columbia.

JJ #1 and #2 were staked by D.E. Douglas on August 8, 1973 as agent for J. Sullivan, P.Eng., and were recorded at Vancouver on August 9, 1973 according to B.C. Mining Receipt No. 82201E. The tag numbers are 4510202 M and 4510203 M respectively.

Claims C #1 and C #4, Record Numbers 34513 H and 34516 H expire on July 10, 1974.

A survey of the location lines in the area of claims C #1, C #4, JC #11, 13, 15, 24 and JJ #1-2 is suggested because of apparent contravention under Section 12 (1) of the Mineral Act.

PREVIOUS DEVELOPMENT – REFERENCES

Copper was reported discovered on the ground presently held by the JC, JJ and C claims circa the year 1926. The
B.C. Minister of Mines Reports show a Mr. J.S. Lydden of Stewart was the owner of the M.J. claim group. Trenching was reported done at that time.

In 1963 Newconex Explorations Ltd. optioned the claims covering this prospect from Mr. Alfred Teed, New Westminster, British Columbia, and did prospecting, geological mapping and magnetometer surveying under the direction of Joseph Sullivan, P.Eng.

Since that time Zodiac Mines Ltd. and C & P Mining Co. Ltd. are known to have held this ground under consideration.

Useful references are noted below.

1. B.C. Minister of Mines Annual Report for 1926 - page 86
2. B.C. Minister of Mines Annual Report for 1928 - page 92
3. B.C. Minister of Mines Annual Report for 1931 - page A41
4. Geological Survey of Canada Memoir 175 - page 100
5. N.T.S. Topographic Map 103P (1" - 4 miles)
6. Reports and maps on file with Newconex Holdings Ltd.
GEOLOGY

Andesitic lava frequently grading to greenstone, diorite and diorite porphyry are the main lithologic units. Chloritized phases of andesite are locally recognized as greenstone. These rock units are considered to be part of the Hazelton Group of Jurassic age.

In relative age the diorite porphyry is believed to be youngest. Medium to fine-grained diorite has been mapped over much of the claim groups and may in reality be a coarser-grained portion of the andesite lava.

Structurally, the rock units trend north-south. Valley trends, assumed to be the loci of faults and shear zones have two apparent trends, one about 20 degrees west of magnetic north and a second about 10 degrees east of magnetic north. The apparent dips are steep both to the east and west.

Sulphide mineralization occurs as a massive replacement filling along shear planes and is weakly disseminated in the adjacent wall-rocks along a northwesterly trend.

MINERALIZATION - ASSAYS

Three target areas are indicated. They are the Z and Lydden Copper Zones on JJ #1-2 claims and the claims lying on strike to the south and north of this zone. A second zone of chalcopyrite-pyrrhotite float on JC claims #18 and #20 and a third area on JC claims #13, 15 and 16.
MAGNETIC CONTOUR VALUES IN GAMMAS

SCALE: 1' = 400'

WORK PERFORMED BY NEWCONEX

DRAWN FROM PLAN SUPPLIED BY J. SULLIVAN, P.ENG.

LIDDON COPPER SHOWING

'Z' ZONE

INLAND COPPER LTD.

MAGNETIC SURVEY

NO. 4820  #4

Mines and Mineral Resources Branch

B.C.

D. W. TULLY

BRITISH COLUMBIA ENGINEER

Aug. 6, 1973
Five chip samples were taken across two mineral zones on the JJ #1-2 claims. The results were:

<table>
<thead>
<tr>
<th>ZONE</th>
<th>SAMPLE #</th>
<th>WIDTH</th>
<th>% COPPER</th>
<th>.02 GOLD</th>
<th>.02 SILVER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z</td>
<td>1A</td>
<td>4.0 feet</td>
<td>0.21</td>
<td>0.002</td>
<td>0.03</td>
</tr>
<tr>
<td></td>
<td>2A</td>
<td>5.0 &quot;</td>
<td>2.00</td>
<td>Trace</td>
<td>0.08</td>
</tr>
<tr>
<td></td>
<td>3A</td>
<td>3.0 &quot;</td>
<td>1.67</td>
<td>0.006</td>
<td>0.01</td>
</tr>
<tr>
<td>Lydden</td>
<td>1B</td>
<td>4.0 &quot;</td>
<td>6.85</td>
<td>0.01</td>
<td>0.18</td>
</tr>
<tr>
<td>Copper</td>
<td>2B</td>
<td>4.0 &quot;</td>
<td>4.75</td>
<td>0.02</td>
<td>0.16</td>
</tr>
</tbody>
</table>

Minerals observed in the Z and Lydden Copper Showings were pyrite, magnetite, chalcopyrite, minor pyrrhotite.

Structurally the mineral occurrences are considered to be replacement in sheared diorite-andesite host rocks probably occurring en echelon in pattern.

Alteration minerals observed are chlorite and epidote with minor carbonate and sericite.

The lateral and downward extent of the Z zone should be tested with packsack core-drill holes. This zone strikes north 20-25 degrees west and dips vertical to 80 degrees east. It is exposed for a length of 65 feet on surface.

The James Lydden Copper Showing is exposed for about 45 feet on surface. Massive chalcopyrite and pyrite in one - three inch bands with pyrrhotite and magnetite were observed across a zone 8 feet wide. The strike is north 35 degrees west magnetic and the dip is 68 degrees west. An east-west fault truncates the sulphide zone at the south end.
Packsack core-drill holes would test the downward and horizontal extent of this zone.

RECOMMENDATIONS

1. Layout grid lines over the property at intervals of 500 feet in an east-west direction from a north-south base line with pickets every 100 feet along each grid line.

2. Layout a detailed grid on lines 100 feet apart along an east-west direction over the JJ #1 and #2 claims, JC #18 and #20 claims and JC #13, 15 and 16 claim areas.

3. Do a geochemical soil survey over the JC and JJ claim groups.

4. Do a magnetometer survey over the JC and JJ claim groups.

5. Do an electromagnetic survey, preferably a horizontal-loop type instrument, at 100 and 200 foot-spacing intervals over the 500-foot grid lines.

6. Do detailed geochemical soil sampling, magnetometer and electromagnetic surveying over the detailed grids on the JJ #1-2, JC #18 and 20 and the JC #13, 15 and 16 claim areas.

7. Drill two packsack holes in each of the Z and James Lydden Copper Showings to test both for lateral and downward continuity.
## ESTIMATED COSTS OF PROPOSED WORK PROGRAM

1. Line-cutting including recommended detailed work, 39 line-miles x $150/mile  
   \[ \text{Cost} = 39 \times 150 = 5,850 \text{.00} \]

2. Geochemical soil sampling including recommended detail work on three claim areas, 2550 samples x $1.00/sample/copper  
   \[ \text{Cost} = 2,550 \text{.00} \]

3. Magnetometer survey including recommended detail work on three claim areas, 39 line-miles x $80/mile  
   \[ \text{Cost} = 3,120 \text{.00} \]

4. Electromagnetic survey including detail work on three claim areas, 39 line-miles x $125/mile  
   \[ \text{Cost} = 4,875 \text{.00} \]

5. Packsack core drilling including core-splitting and assaying, 500 feet x $5.50/foot  
   \[ \text{Cost} = 2,750 \text{.00} \]

6. Administration, engineering and travel  
   \[ \text{Cost} = 5,000 \text{.00} \]

7. Contingency @ 10%  
   \[ \text{Cost} = 2,414 \text{.00} \]

**TOTAL** \[ \text{Cost} = 26,559 \text{.00} \]

---

Date: August 10, 1973

Respectfully submitted,

Donald W. Tully P.Eng.
CERTIFICATE

I, DONALD WILLIAM TULLY, of the Municipality of West Vancouver, Province of British Columbia, hereby certify as follows:

1. I am a Consulting Geologist with an office at Suite 102, 2222 Bellevue Avenue, West Vancouver, British Columbia.

2. I am a registered Professional Engineer in the Provinces of British Columbia and Ontario.

3. I graduated with a degree of Bachelor of Science, Honours Geology, from McGill University in 1943.

4. I have practiced my profession for twenty-eight years.

5. I have no direct, indirect or contingent interest in the JC #1-24, JJ #1-2 and C #1 and C #4 mineral claims nor in the shares of Inland Copper Ltd. (N.P.L.) nor do I intend to receive any interest.

6. This report dated August 10, 1973, is based on a personal examination in the field of the claim posts, rock outcrops and mineral samples on July 24-25, 1973.

DATED at West Vancouver, British Columbia, this 10th day of August, 1973.

[Signature]
Donald W. Tully, P.Eng.
Consulting Geologist
CERTIFICATE OF ASSAY

We hereby certify that the following are the results of assays on:

<table>
<thead>
<tr>
<th>MARKED</th>
<th>COPPER (Cu)%</th>
<th>GOLD (Oz/ST)</th>
<th>SILVER (Oz/ST)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 A</td>
<td>0.21</td>
<td>0.002</td>
<td>0.83</td>
</tr>
<tr>
<td>1 B</td>
<td>6.85</td>
<td>0.01</td>
<td>0.18</td>
</tr>
<tr>
<td>2 A</td>
<td>2.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 B</td>
<td>4.75</td>
<td>0.02</td>
<td>0.16</td>
</tr>
<tr>
<td>3 A</td>
<td>1.67</td>
<td>0.006</td>
<td>0.91</td>
</tr>
</tbody>
</table>

O.O. No. B 57774

cc: Mr. Joe Sullivan, PO Box 395, Nanaimo Dr, Duncan, B.C.
cc: Mr. R.V. Tally, PO Box 470, Granville St, Van, B.C.

JUTE REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS OR REQUEST PULPS AND REJECTS WILL BE STORED FOR A MAXIMUM OF ONE YEAR.

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PHONE 604-255-164, TELEX 04-507314, CABLE SUPERVISE

CERTIFICATE OF ASSAY
No: 12278-67258
DATE: July 13, 1973