

COMINCO LTD.

EXPLORATION
NTS 92I/6E&11E

WESTERN DISTRICT
April 23, 1980

ASSESSMENT REPORT
OF LINECUTTING
ON THE ISLAND PROPERTY

(Island 1-12, 12a & 13 Claims)

HIGHLAND VALLEY AREA, KAMLOOPS M.D., B.C.

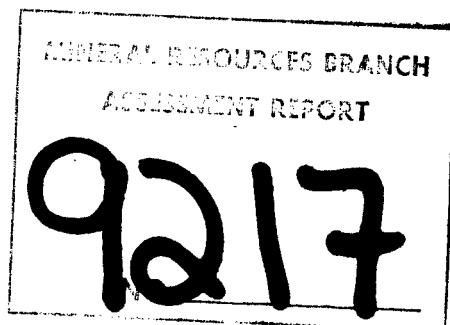
(work performed July 3-15, 1979, and March 7 to April 20, 1980)

LATITUDE: 50°27'

LONGITUDE: 121°10'

REPORT BY:

M.J. CASSELMAN



part 2
of 2

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Plate 1. Claim Location Map

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INTRODUCTION

During the intervals July 3 to July 15 and March 7 to April 20, 1980, cut lines and surveyed control lines were put in on the Island property by D. Martinson Linecutting and Staking Ltd. The linecutting is to facilitate an IP survey which will commence in August, 1980. In 1979 121 km of E-W oriented lines and 7.3 km of N-S oriented base line were flagged and blazed. In 1980, 21.5 km of E-W oriented lines were flagged and blazed and 18.8 km of N-S oriented control lines were chain sawed, picketed and surveyed. The E-W oriented lines were spaced at 400 meter intervals. No distances were marked along these lines as requested by the IP crew.

LOCATION AND ACCESS

The Island property is situated on the west side of the Guichon Creek Batholith, about 13.5 km ENE of Spences Bridge. The property extends north-south from just south of Mt. Spaist to the Highland Valley and is contiguous with the west side of the Valley Copper claims which include the Tom, B.L., Nancy, EZZ, RAF, MER, NIM, NEL, A, LUV and B. Good road access exists to most of the property via networks of dirt roads extending north from the Pimainus Lake access road or east and south from the OK Lake (Alwin-Dekalb Mine) access road.

TOPOGRAPHY AND VEGETATION

The claim area comprises moderately rolling topography locally dissected by E-W striking gulleys. The area is mostly covered by fir and Jack pine. Elevations range from about 1200 meters to 1550 meters above sea level.

OWNERSHIP

The Island property, located in the Kamloops Mining District, consists of 14 claims totalling 241 units, all 100% Cominco owned. Listed below are the claims, record numbers, numbers of units and due dates.

<u>CLAIM</u>	<u>RECORD NUMBER</u>	<u>NUMBER OF UNITS</u>	<u>DUE DATE</u>
Island 1	1843	20	May 4/80
Island 2	1832	20	" "
Island 3	1833	15	" "
Island 4	1834	6	" "

<u>CLAIM</u>	<u>RECORD NUMBER</u>	<u>NUMBER OF UNITS</u>	<u>DUE DATE</u>
Island 5	1835	20	May 4/80
Island 6	1836	20	" "
Island 7	1837	16	" "
Island 8	1838	20	" "
Island 9	1839	20	" "
Island 10	1840	15	" "
Island 11	1841	15	" "
Island 12	1842	14	" "
Island 12a	1883	20	July 30/80
Island 13	1884	20	July 30/80

LINECUTTING

One baseline and two surveyed control lines, all north-south oriented, were put in as controls for the E-W oriented cross lines. The baseline coincides with the east boundaries of the Island claims 12a, 1, 3, 5, 6, 8 and 10. The two control lines parallel the baseline and are located 1.8 km and 1.2 km east and west, respectively, from the baseline. The east control line is 15.5 km long. Only 5.8 km of this line is on Island property (claims 9 and 11). This portion is being applied for assessment credit on the property. The west control line is 13 km long. The baseline is 11.0 km long.

A total of 142.5 km of E-W oriented cross lines traverse the width of the property. The lines are spaced 400 meters apart. No distances were placed along the E-W lines, as requested by the geophysicists who will conduct the follow up IP survey.

The survey control lines required 46.0 man days to complete at a cost of \$135/man day. The E-W cross lines cost \$120/km.

Report by: Michael J. Casselman
M.J. Casselman
Project Geologist

Endorsed by: F.L. Wynne
F.L. Wynne
Senior Geologist

Approved for Release by: G. Harden
G. Harden, Manager, Exploration
Western District

Distribution:
Mining Recorder
Western District File
Vernon File

APPENDIX "A"

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EXPLORATION

WESTERN DISTRICT

Statement of Expenditures for Linecutting on the Island Mineral Claims.

SUPERVISION

F.L. WYNNE - July 3 - July 5, 1979 (3 days @ \$198/day)	\$ 594.
M.J. CASSELMAN - March 25 & 26, 1980 (2 days @ \$179/day)	358.

REPORT WRITING

M.J. CASSELMAN - April 21 & 22, 1980 (2 days @ \$179/day)	358.
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LINECUTTING

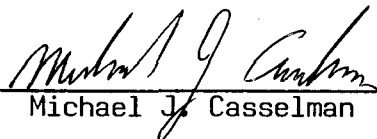
Crosslines - 142.5 km @ \$120/km; Baseline - 11.0 km @ \$120/km	18,420.
Surveyed Control Lines - 18.8 km, 11.5 days or 46.0 man days A \$135/man day	<u>6,210.</u>
Total	<u>\$ 25,940.</u>

APPENDIX "B"
IN THE MATTER OF THE
B.C. MINERAL ACT
AND
IN THE MATTER OF A LINECUTTING PROGRAM
CARRIED OUT ON THE ISLAND MINERAL CLAIMS
Located in the Kamloops Mining Division
of the Province of British Columbia
More Particularly N.T.S. 92I/6E&11E

A F F I D A V I T

I, MICHAEL J. CASSELMAN, OF THE CITY OF VERNON, IN THE PROVINCE OF BRITISH COLUMBIA, MAKE OATH AND SAY:

1. THAT I AM EMPLOYED AS A PROJECT GEOLOGIST BY COMINCO LTD. AND AS SUCH HAVE A PERSONAL KNOWLEDGE OF THE FACTS TO WHICH I HEREINAFTER DEPOSE;
2. THAT ANNEXED HERETO AND MARKED AS "APPENDIX A" TO THIS MY REPORT IS A TRUE COPY OF EXPENDITURES OF A LINECUTTING PROGRAM CARRIED OUT ON THE ISLAND MINERAL CLAIMS;
3. THAT THE SAID EXPENDITURES WERE INCURRED BETWEEN THE THIRD DAY OF JULY 1979 AND THE FIFTEENTH DAY OF JULY 1979 AND THE SEVENTH DAY OF MARCH AND THE TWENTIETH DAY OF APRIL 1980 FOR THE PURPOSE OF MINERAL EXPLORATION ON THE ABOVE NOTED CLAIMS.



Michael J. Casselman

APPENDIX "C"

COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

STATEMENT OF QUALIFICATIONS

I, MICHAEL J. CASSELMAN, OF THE CITY OF VERNON, BRITISH COLUMBIA, HEREBY CERTIFY:

1. THAT I AM A GEOLOGIST, RESIDING AT 8901 CHERRY LANE, VERNON, BRITISH COLUMBIA, WITH A BUSINESS ADDRESS AT 4405-28th STREET, VERNON, BRITISH COLUMBIA.
2. THAT I GRADUATED WITH B.Sc. AND M.Sc. DEGREES IN GEOLOGY FROM THE UNIVERSITY OF BRITISH COLUMBIA IN 1969 AND CARLETON UNIVERSITY IN 1977.
3. THAT I HAVE PRACTISED GEOLOGY WITH COMINCO LTD. FROM 1969 TO THE PRESENT.

DATED THIS 24th day of April 1980 at Vernon, British Columbia.

SIGNED


Michael J. Casselman, M. Sc.

