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COMINCO EXPLORATION PTY. LTD.

PROGRESS REPORT ON EXPLORATION

LICENCE ~~22/73~~ - ST. DIZIER.

47/77  
for 6 months ending June 17, 1976

INCORPORATED  
IN 47/71 ON NOV. 1977

D.C. Simpson  
Project Geologist  
30/6/76

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SUMMARY

During the reporting period, work was limited to establishing a grid over the "Big H" prospect and along strike of it to allow a ground magnetic survey to be carried out. At the time of writing the magnetic survey is half complete.

Logging and sampling of Pickands Mather drill core was carried out.

GRIDDING

Grid lines at 100 metre spacing, were established over the area outlined in green on the accompanying plan. Pegs were placed at 50m intervals along the lines using theodolite and chain control. This grid is continuous with that established over the St. Dizier prospect in 1973-74.

MAGNETIC SURVEY

A ground magnetic survey was commenced covering the magnetically anomalous area from "St. Dizier" to the east of the "Big H" prospect. (See Plates X-SD 38 and X SD-39 from previous progress report). At the time of writing this survey remains incomplete.

CORE LOGGING AND SAMPLING

Core from four diamond holes drilled by Pickands Mather International was briefly logged and sampled. Logging confirmed that the tin mineralisation occurred in rocks very similar in mineralogical compositions to those at St. Dizier, i.e. magnetite rich skarn variably altered to serpentine bearing rocks.

Grab samples were taken from selected sections of core to confirm tin values obtained by Pickands Mather. The following results were obtained.

<u>Sample No.</u>	<u>DDH No.</u>	<u>Depth (ft.)</u>	<u>Tin (ppm)</u>
88776	101	190	70
88777	101	463	2350
88778	101	468	6400
88779	101	510	430
88780	102	65	4
88782	102	156	60
88783	102	223	20
88784	102	305	10
88785	103	52	290

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<u>Sample No.</u>	<u>DDH No.</u>	<u>Depth (Ft.)</u>	<u>Tin (ppm)</u>
88786	103	104	270
88787	104	117	4
88788	104	128	4
88789	104	220	6
88790	104	336	6
88791	104	477	6

Allowing for the small size of these samples, the results obtained are in agreement with Pickands Mather results.

EXPENDITURE

During the six months ended June 8, 1976 the following expenditure was recorded against this Exploration Licence:

Geology	452
Surveying	2,871
Geophysics	932
Tenure	107
	<u>\$4,362</u>

Submitted

*D.C. Simpson*

D.C. Simpson  
Project Geologist

Endorsed

*L.V. Gentle*

L.V. Gentle  
Chief Geologist

Stn 1060  
1600 74E

Stn 1058  
1672 66E

Stn 1050  
1693 11E

Stn 1042  
1722 59E  
20700 N

Stn 1038  
1738 62E

Stn 1034  
1750 0E

Stn 1028  
1772 74E

Stn 1022  
1800 0E

Stn 1018  
1819 84E

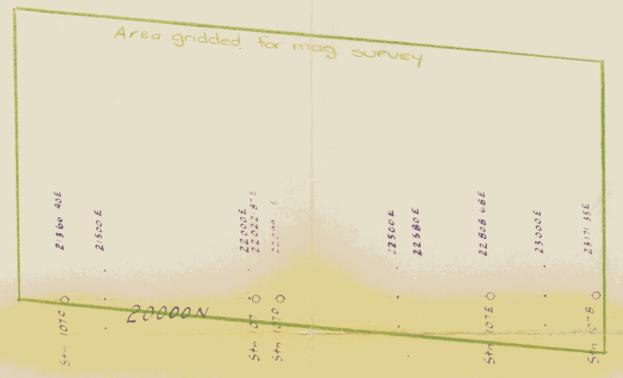
Stn 1012  
1836 0E

Stn 101  
20 9 11  
PREVIOUS SURVEY

SEE SHEET 1

M.C. Trig  
21 10 50

Stn 1024  
2055 98E



ALL POINTS ON THE BASELINE ARE MARKED BY 3"x2" PEGS AND INDICATORS

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COMINCO EXPLORATION PTY. LTD.

ST. DIZIER PROSPECT

Base Line Control Survey

Scale:-1:10000



COORDS ARE TO LOCAL ASSUMED DATUM

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