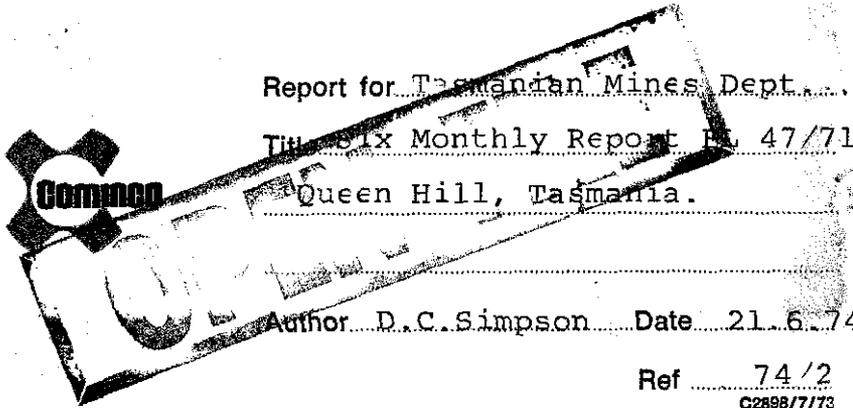


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Cominco Exploration Pty. Ltd.



Report for Tasmanian Mines Dept.

The Six Monthly Report Pt. 47/71

Queen Hill, Tasmania.

Author D. C. Simpson Date 21.6.74

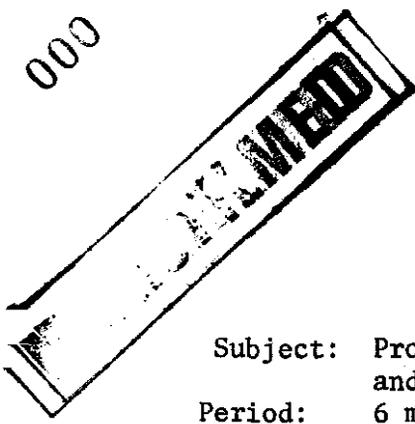
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DESS



OPEN FILE

COMINCO EXPLORATION PTY. LTD.

Subject: Progress Report, Exploration Licence 47/71, QUEEN HILL
and Programme for coming period
 Period: 6 months ended June 21, 1974, and programme for
period to December 21, 1974
 Date: June 13, 1974
 By: D.C. Simpson

1. SUMMARY

During the above period work was directed towards assessing geophysical data from the previous summer season as well as drilling known pyrite-cassiterite occurrence within the E.L. Further airborne geophysics is proposed.

2. DIAMOND DRILLING

As anticipated in the last progress report, one diamond drill hole was sited at Bradshaw's lode, south west of the Oonah workings, to test down dip of the pyrite-tin mineralisation exposed in the open cut. The drill hole was stopped at 108' due to drilling difficulties in the contorted pyritic shales. Only minor pyritic joints were encountered, and low tin assays are expected.

3. GEOPHYSICS

A reassessment by staff geophysicist S.S. Webster of results from the previously reported Turair survey, resulted in the conclusion that anomalies defined by the survey were of such a low order as to be insignificant. It was concluded that the survey did not detect the main Queen Hill body.

No further geophysical surveys are planned until November, when it is intended to fly test lines with a McPhar F500 over a number of locations including this exploration licence.

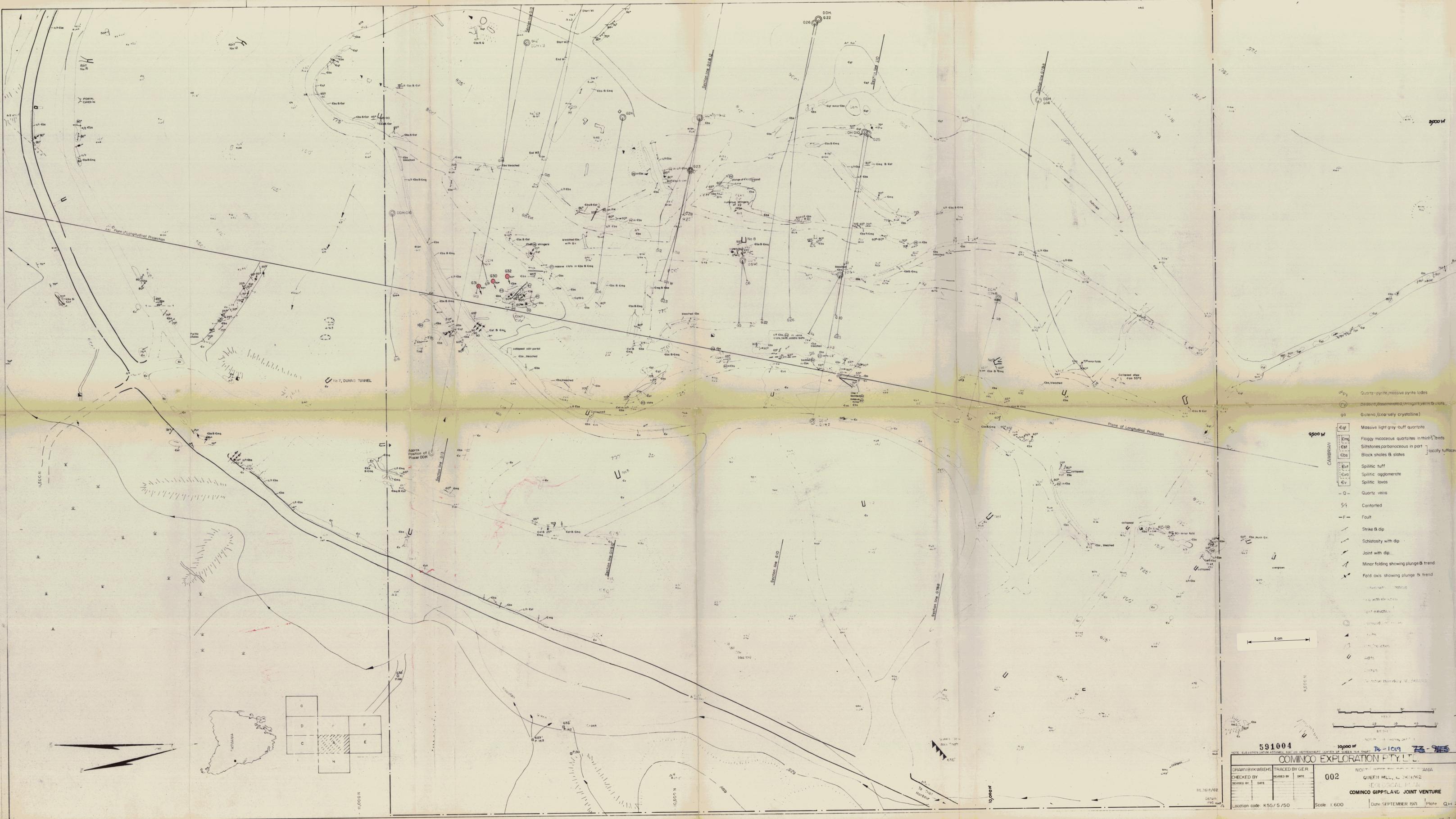
4. METALLURGY

Metallurgical test work was carried out by Amdel in Adelaide and K. Foo at the London School of Mines. The work by K. Foo has been reported previously, and follow on results are not yet to hand.

Results of Amdel's test work indicate that pressure leaching with alkaline sodium sulphide solution on Queen Hill pyritic-cassiterite rock is a promising method of extraction. A further series of tests using higher reaction temperatures are to be carried out by Amdel.

5. EXPENDITURE on Exploration Licence

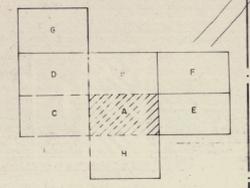
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2000	Geophysics		127
3100	Drilling		1,089
5600	Feasibility		292
6100	Tenure		187
6200	Legal		1,764
			\$ 4,553



- Py Quartz-pyrite, massive pyrite lodes
- Da Dissected, disseminated, stringer veins & clots
- ga Golenka (coarsely crystalline)
- qt Massive light grey-buff quartzite
- Em Flaggy micaceous quartzites in thin beds
- Est Siltstones carbonaceous in part locally tuffaceous
- cb Black shales & slates
- Ev Splittic tuff
- Ev Splittic agglomerate
- Ev Splittic lavas
- Q Quartz veins
- S Contorted
- F Fault
- Strike & dip
- Schistosity with dip
- Joint with dip
- Minor folding showing plunge & trend
- Fold axis showing plunge & trend

5 cm

10000 W
9500 W
9000 W
8500 W
8000 W
7500 W
7000 W
6500 W
6000 W
5500 W
5000 W
4500 W
4000 W
3500 W
3000 W
2500 W
2000 W
1500 W
1000 W



591004
 NOTE: ELEVATIONS UNLESS OTHERWISE STATED ON THIS MAP ARE IN METERS
 COMINCO EXPLORATION PTY. LTD.
 QUEEN HILL, VIC. 3225
 COMINCO GIPPSLAND JOINT VENTURE
 Scale 1:600
 Date SEPTEMBER 1971
 Plate QH 7/A