

FINAL REPORT ON EL 17/88
 QUE RIVER, WEST COAST TASMANIA
 ON RELINQUISHMENT BY SAMISEN PTY. LTD.

Introduction

This brief report is the statutory report required upon the relinquishment of the Que River EL 17/88.

1 - Resume of Exploration Philosophy

The exploration problem over the alteration zone in Boco Siding area was to be able to meaningfully search beneath the conductive glacial cover. This cover was seen to have multiple layering within the glacials themselves, and the approach adopted was to carry out RMIP over the most accessible sections of the area of interest.

The target sought was Hellyer/Que River/Rosebery type mineralisation which was seen as being: a) **polarizable**, b) **conductive** (or at least **less resistive** than the enclosing rocks and c) significantly higher specific gravity than the enclosing rocks.

Thus the RMIP target sought was seen to be of higher than background conductivity and polarization response. Such targets or variants thereof were then screened using the gravity method.

2 - Summary of Exploration Carried Out

The exploration was carried out in two phases.

- a) Between 15th February and 13th March, 1989 an RMIP survey involving some 24 production days was carried out by geophysical contractors Scintrex Pty. Ltd.
- b) A gravity survey was undertaken over 5½ days between 20th July and 5th August, 1989 by Scintrex Pty. Ltd. over several of the anomalies generated during the RMIP phase. → 89-3018

(The above reports have been submitted to the Mines Department.)

3 - Conclusions as to the Nature and Distribution of any Mineralisation in the Licence Area

The work carried out in the licence area was restricted to a section around Boco Siding. In this section, no RMIP anomalies having the characteristics sought, namely, higher internal polarization allied with higher to much higher magnetometric conductivity with respect to the enclosing rocks, were defined.

Nevertheless, a number of RMIP anomalies were selected for detail which had higher than background polarization but within rocks which showed little conductivity contrast with respect to the enclosing rocks. With one minor exception, no significant mass surplus was defined over polarization sources.

It is thus concluded that no obvious Hellyer/Que River/Rosebery type mineralisation can be detected within the limited area covered by the present surveys.

4 - Bibliography

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Howland-Rose, A.W.	1989	A Report on Reconnaissance Magnetic Induced Polarization Surveys over the Boco Siding Area within EL 17/88, Que River, Tasmania on behalf of Samisen Pty. Ltd.

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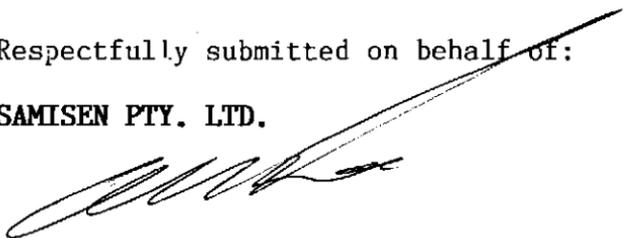
Howland-Rose, A.W. 1989 A Report on Gravity Check Survey over RMIP Anomalies on the Boco Siding Area within EL 17/88, Que River, Tasmania on behalf of Samisen Pty. Ltd.

5 - Construction/Rehabilitation

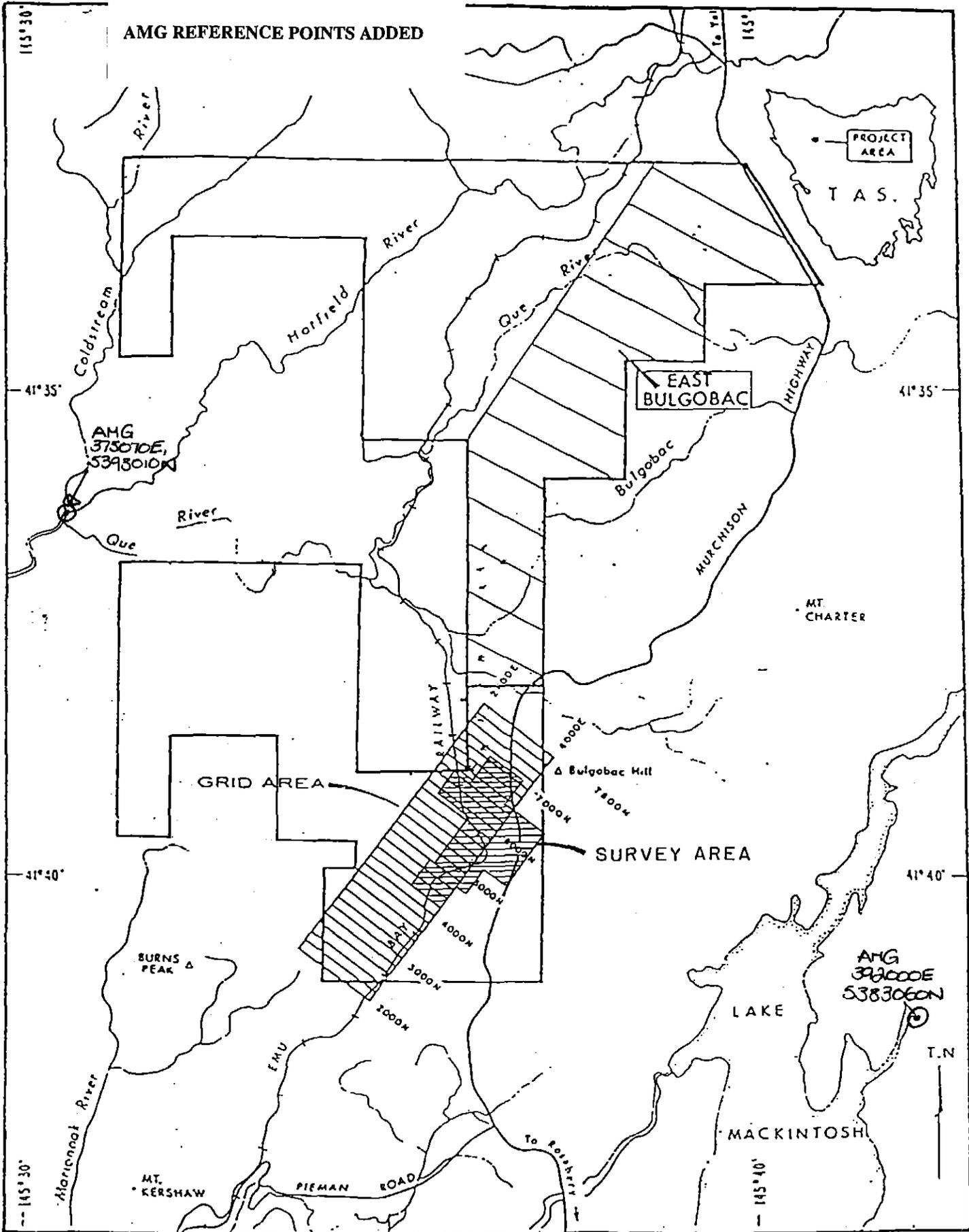
During the re-establishment of the geophysical grid, every attempt was made to avoid damage to vegetation. A chain saw was used over 10% of the 40 kilometres of grid line re-established, and no track construction or excavation or drilling was carried out.

Respectfully submitted on behalf of:

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BOCO SIDING PROJECT

E.L. 17/88 - TASMANIA

GEOPHYSICAL GRID