

CR#28066

Exploration Data Centre



EDC03783008

CR 8688

EPM 8334

WARBURTON CREEK

**PARTIAL RELINQUISHMENT REPORT
FOR THE PERIOD ENDING
4 SEPTEMBER 1996**

OPEN FILE

**C HENSLEY
AUGUST 1996**

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1. INTRODUCTION

EPM 8334 Warburton Creek is located approximately 150 km south-south-east of Cloncurry, and 15 km east of the Cannington Ag-Pb-Zn mine (see figure 1).

This tenement forms part of BHP Minerals' Soldiers Cap Project which has largely targeted the Soldiers Cap Group and Fullarton River Group where they extend under shallow cover of the Cretaceous aged Eromanga Basin.

Mineralisation styles of significance in the project area include magnetite-Cu-Au deposits (eg. Ernest Henry, Starra, Osborne), stratabound ironstone associated VMS deposits (eg Monakoff) and Cannington-style Ag-Pb-Zn deposits. These targets are all associated with direct magnetic and gravity anomalies.

This partial relinquishment report details work carried out over the four relinquished sub-blocks of EPM 8334 (see figure 1).

2. TENEMENT DETAILS

EPM 8334 Warburton Creek was granted to BHP Minerals Pty Ltd on 5 September 1991. The block map for the relinquished portion is given below:

BLOCK IDENTIFICATION MAP - SERIES B

CLONCURRY

Block	Sub-blocks
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1621	o p t u
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Total:	4 sub-blocks
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3. PREVIOUS WORK

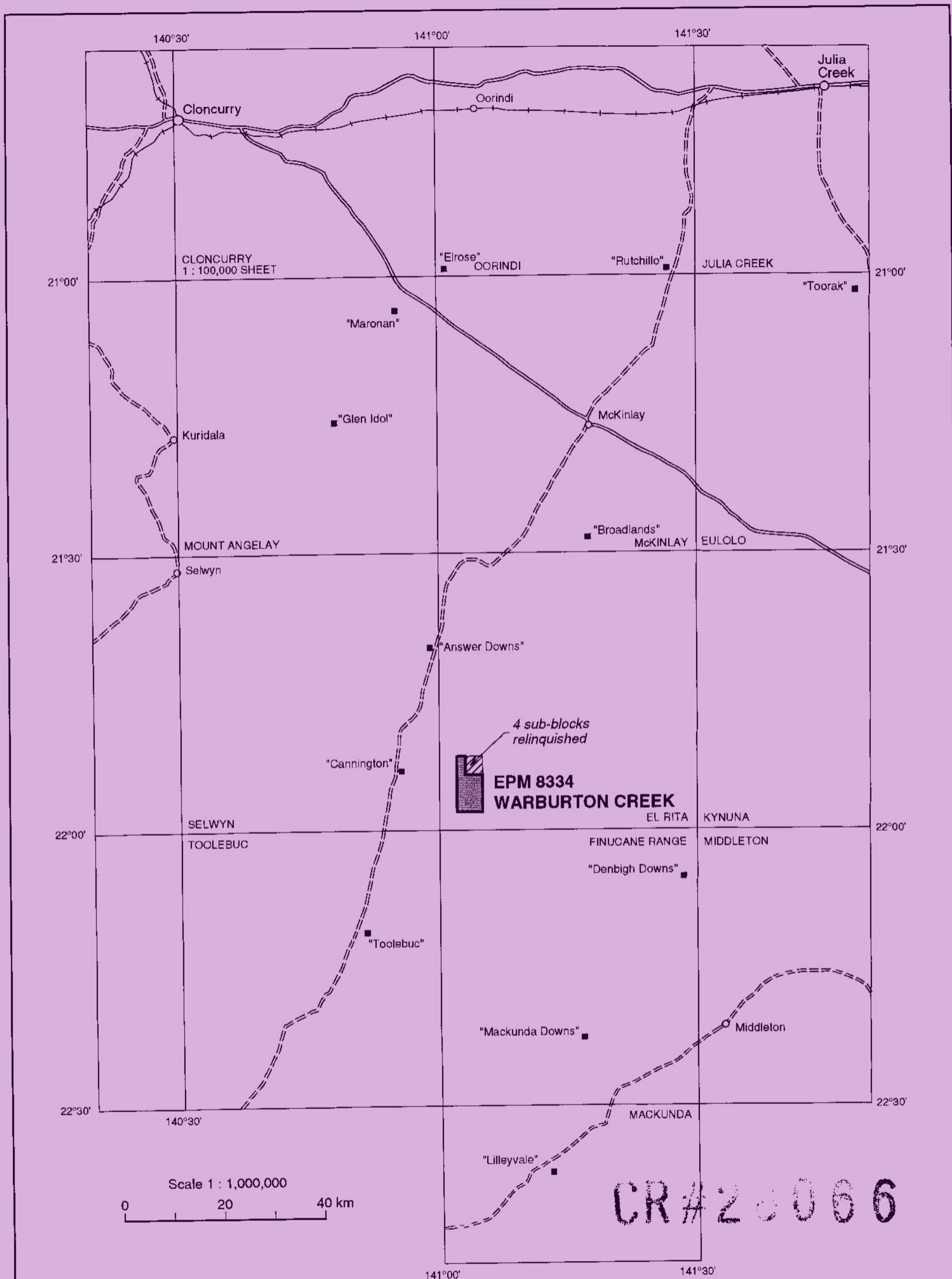
No previous exploration was carried out within the tenement area.

4. WORK COMPLETED

Work carried out on the relinquished portion of EPM 8334 consisted of interpretation of aeromagnetic data (details of the survey are given in Appendix 1 and aeromagnetic contours for the relinquished area are shown in figure 2).

The relinquished area contains no Proterozoic outcrop but aeromagnetic interpretation suggests that the basement comprises Fullarton River Group metamorphics.

The depth of the Eromanga Basin (mostly Cretaceous black shale cover) over the basement is estimated to be about 170 m.



Prepared : R. Melsom

Drawn : R. Melsom

Date : August 1996

Revised :



EPM 8334 Warburton Creek
North West Queensland

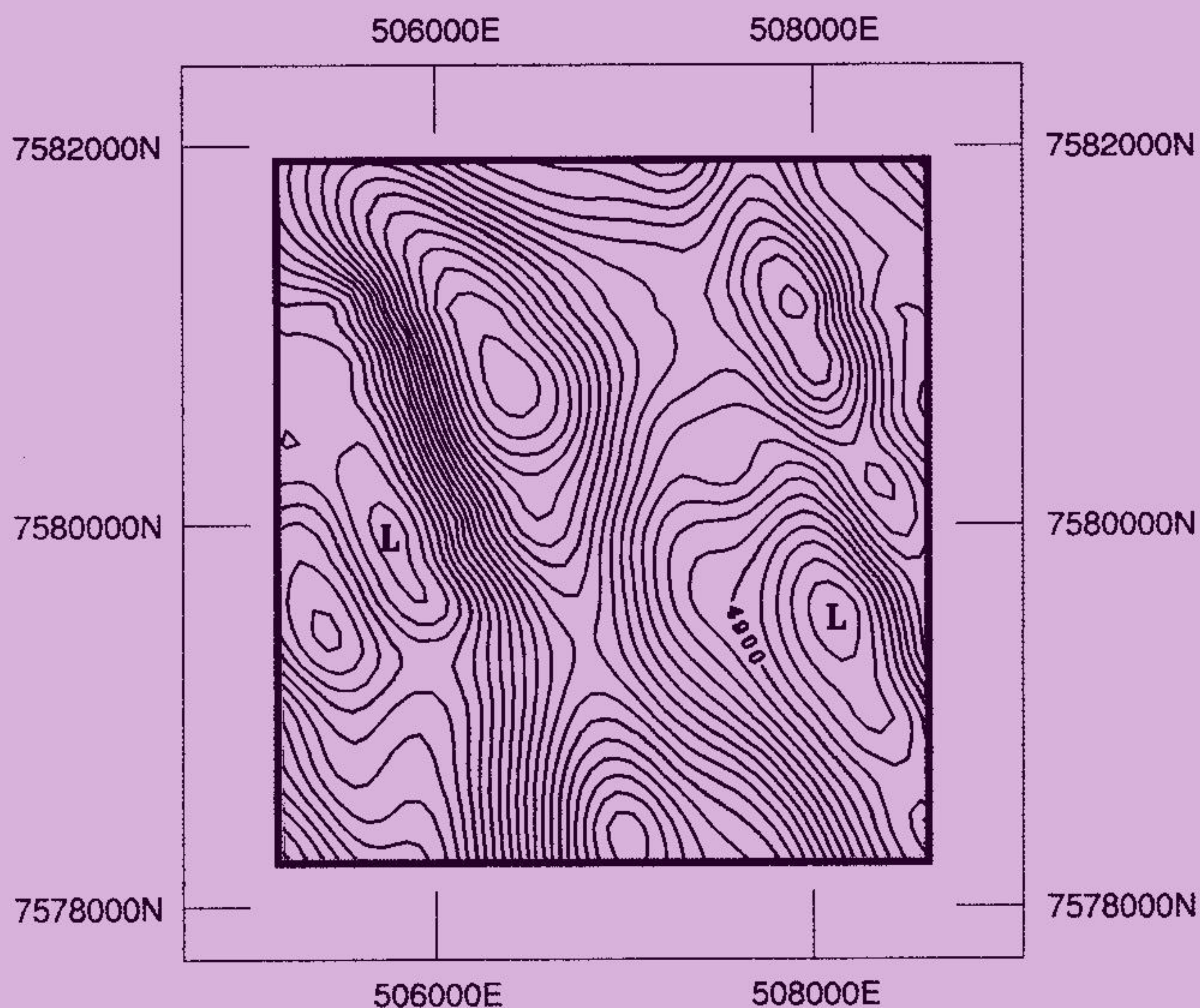
LOCATION MAP

Exploration - BHP Minerals
BHP Minerals Pty. Ltd., A.C.N. 006 694 782

Centre : Brisbane


Drawing No.: A4-1223

FIGURE 1



TMI contour interval = 10nT

UK 2006

Prepared : C Hensley		Exploration - BHP Minerals BHP Minerals Pty. Ltd., A.C.N. 008 694 782	Centre : Brisbane
Drawn : W Mead		RELINQUISHED AREA OF EPM 8334 Warburton Creek AEROMAGNETIC CONTOURS	Drawing No.: A4-1860
Date : August 1996			FIGURE 2
Revised :			