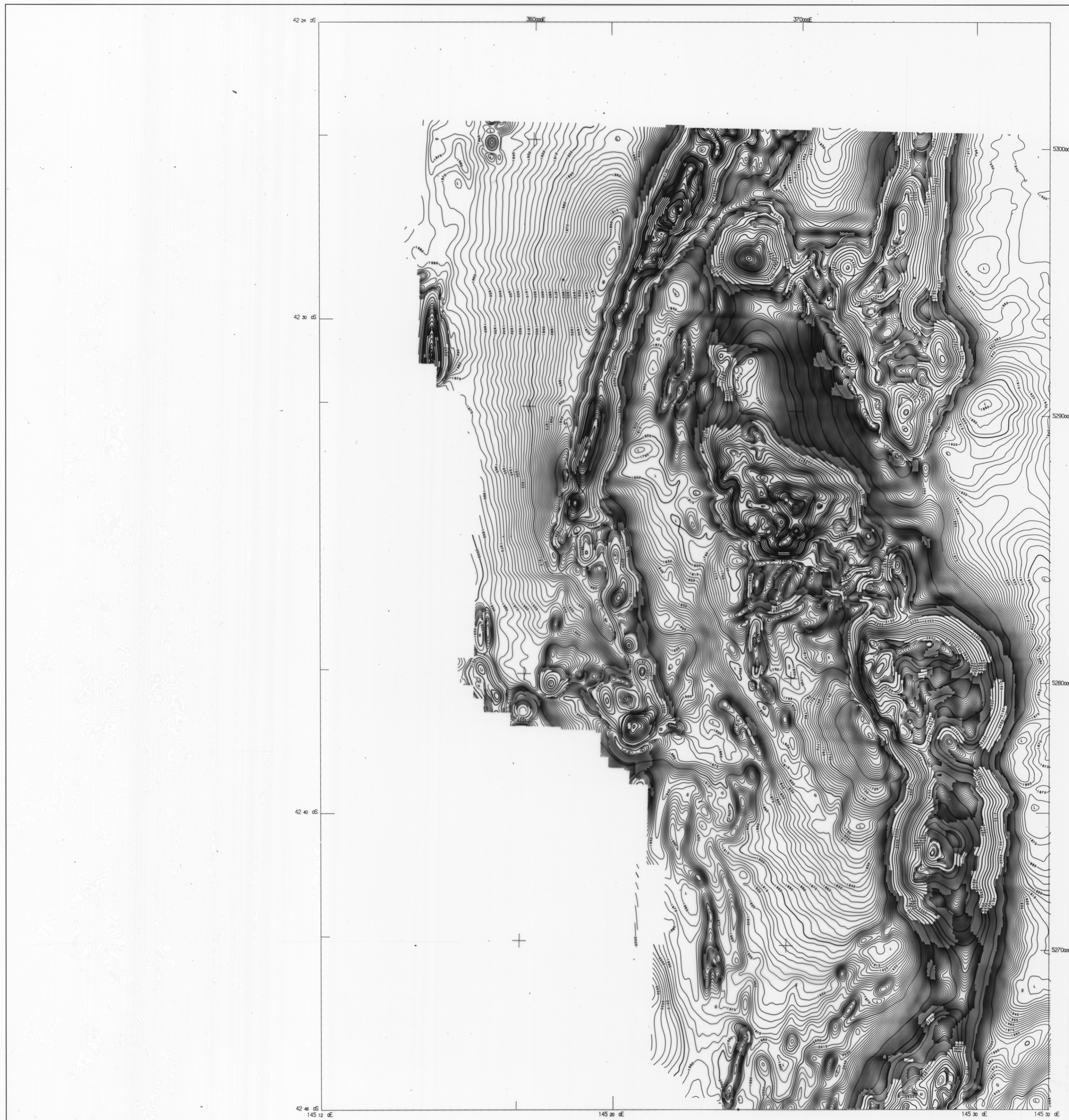


5160 D

384

1:100,000

5 cm



**AIRBORNE SURVEY SPECIFICATIONS**

**MAGNETOMETER** \* 3 G-813 proton precession magnetometers in tail stinger and wing tips.  
Sensitivity +/- 0.2 nT

**RECORDING INTERVAL** \* 30m sampling

**SPECTROMETER** \* GR - 800 gamma ray spectrometer  
Volume \* 16.8 litres

**TOTAL COUNT WINDOW** \* 0.8 - 3.00 MeV

**POTASSIUM WINDOW** \* 1.36 - 1.56 MeV

**URANIUM WINDOW** \* 1.66 - 1.86 MeV

**THORIUM WINDOW** \* 2.42 - 2.62 MeV

**RECORDING INTERVAL** \* 60m sampling

**DATA RECORDING** \* Geometrics 714 acquisition system.  
Digital to magnetic tape.

**NOMINAL TERRAIN CLEARANCE** \* All detectors in aircraft at 150m.  
Traverse lines 500 metres.  
Tie lines 10 km.

**FLIGHT PATH RECORD** \* continuous tracking colour video.

**FLIGHT LINE RECOVERY** \* Visually to 1:50,000 topographic maps

**SHEET TWO**  
**GRADIENT ENHANCED MAGNETIC CONTOURS**

Grid notation refers to Australian Map Grid Zone 55

Digitized from colour photos at 1:50000

Magnetics \* gradient enhanced  
\* from transverse gradient derived  
\* from 3 total field sensors

Altitude corrections have not been applied to gradients. This may account for some line dependent features in hilly areas

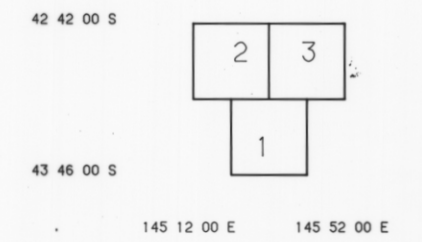
IGRF (1980) \* Updated to December 1985

IGRF (1980) \* Revised. Datum 2000 m added

Grid mesh size \* 100 x 100 metres

Grid filter \* Polynomial, radius 150 metres

Contour Interval \* 5.10, 50, 100 and 250 m



0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 km  
SCALE 1:50000

JOB NO. 8312  
Flown by Geometrics International Corporation  
November 1985  
Processed by Engineering Computer Services, Boral

**TASMANIAN MINES DEPARTMENT**

**WESTERN TASMANIA**  
**GRADIENT ENHANCED MAGNETIC CONTOURS**  
**SHEET TWO**

DATE: 11-APR-86