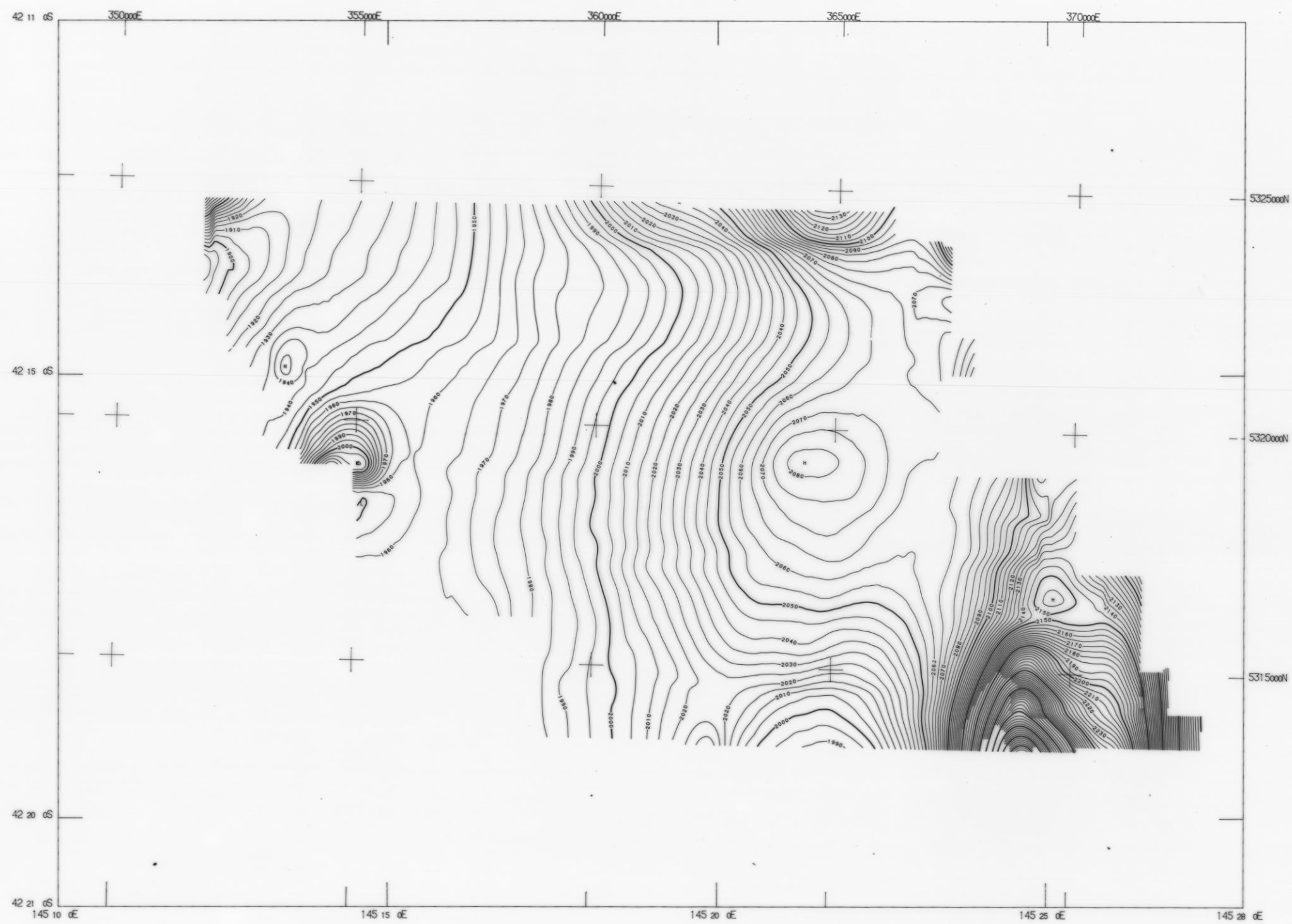
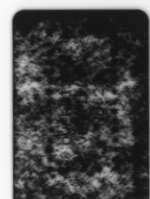


5162 B 388

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  
30m sampling

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 - 2.82 MeV  
RECORDING INTERVAL \* 60m sampling

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

NOMINAL TERRAIN CLEARANCE \* All detectors in aircraft at 150m.

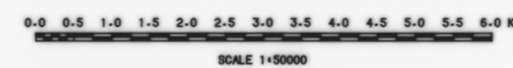
NOMINAL LINE SPACING \* Traverse lines 500 metres.  
Tie lines 10 km.  
continuous tracking colour video.

FLIGHT PATH RECORD \* Visually to 1:80,000 enlarged photos  
and topographic maps.

RESIDUAL MAGNETIC CONTOURS

Grid notation refers to Australian Map Grid Zone 55  
Digitized from topographic maps

Magnetic \* Tie line levelled and diurnal removed  
IGRF (1980) \* Updated to December 1985  
IGRF (1980) \* Removed. Datum 2000 nT added  
Grid mesh size \* 100 x 100 metres  
Grid filter \* Polynomial, radius 150 metres  
Contour Interval 5, 10, 50, 100 and 250 nT



SCALE 1:50000

JOB NO \* 9312  
Flown by Geometrics International Corporation  
November 1985  
Processed by Engineering Computer Services, Soerai

TASMANIAN MINES DEPARTMENT

MACQUARIE HARBOUR  
RESIDUAL MAGNETIC CONTOURS

DATE \* 20-MAR-86