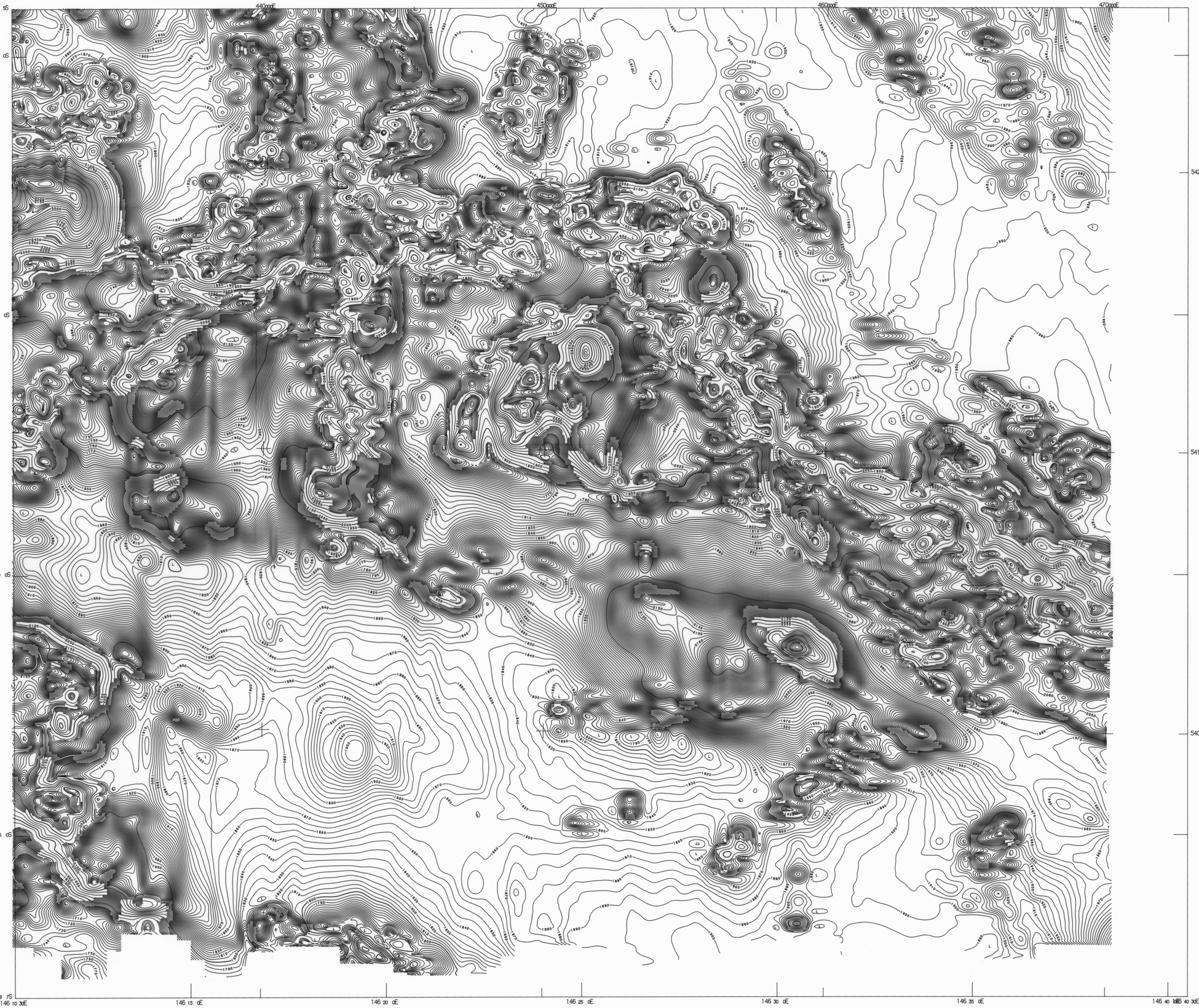

AIRBORNE SURVEY SPECIFICATIONS

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 - 2.82 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.
FLIGHT PATH RECORD :	continuous tracking colour video.
FLIGHT LINE RECOVERY :	Visually to 1:100.000 mosaics with Doppler interpolation between recovered points

GRADIENT ENHANCED MAGNETICS

Grid notation refers to Australian Map Grid Zone 55
Digitised from mosaics at 1:100000

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 dependant features in hilly areas

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

41 00 05 S
41 38 05 S
145 40 30 E
146 40 30 E

1	2
3	4

N

0 2 4 6 Km
SCALE 1: 50000

JOB NO : 9312
Flown by Geometrics International Corporation
November 1985
Processed by Engineering Computer Services, Bowral

TASMANIAN MINES DEPARTMENT

DEVONPORT AREA
GRADIENT ENHANCED MAGNETICS
SHEET FOUR

DATE: 26-MAY-86

ORIGINAL
5cm
5158 D
1:50,000
OVERSIZE VERTIPLAN