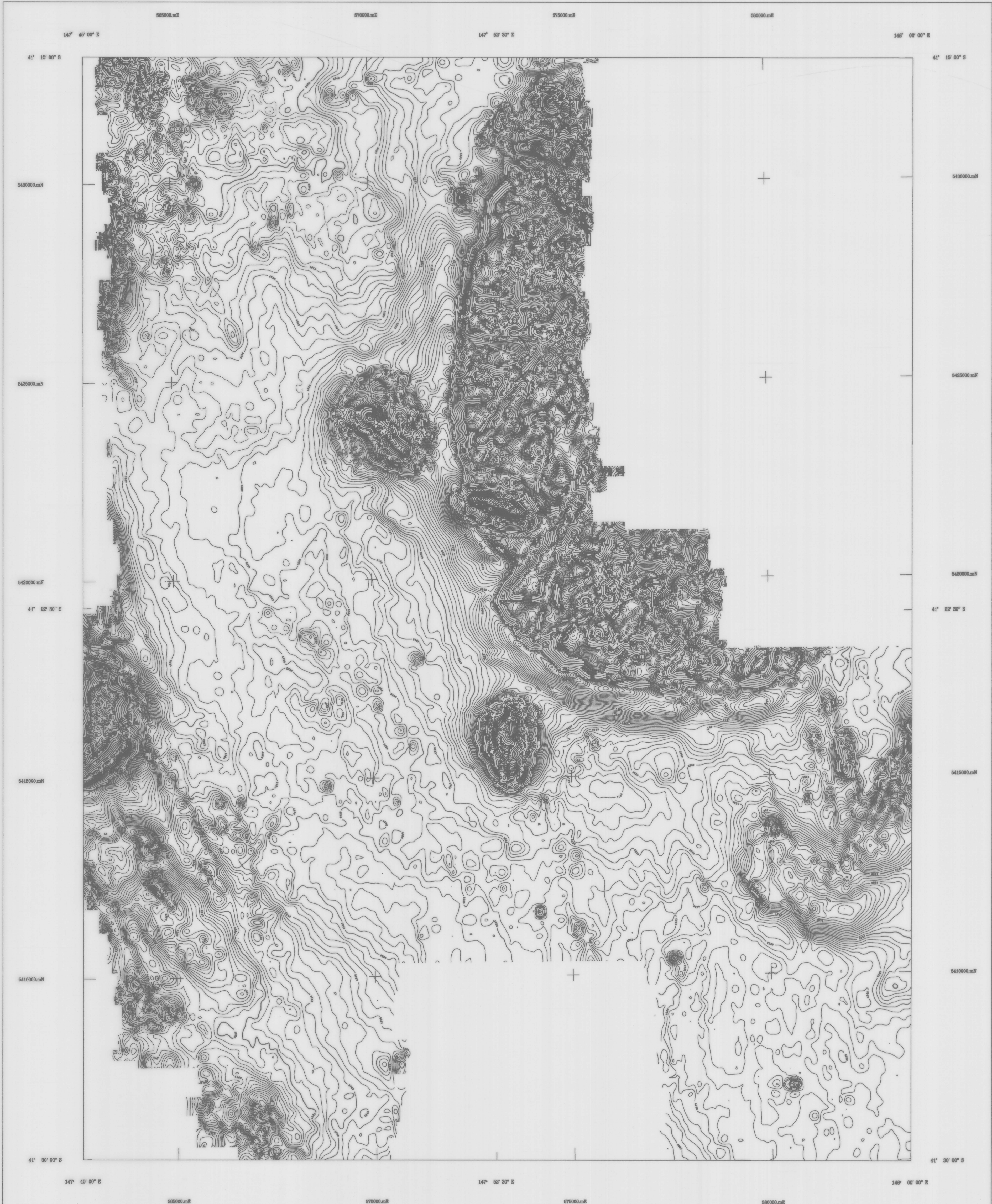


1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY CONTOURS  
MINERAL RESOURCES TASMANIA



**AIRBORNE SURVEY EQUIPMENT**

Aircraft: Bell 206 - 3 YF-FSH  
Magnetometer: Geometrics G833 Helium Vapor  
Magnetometer Resolution: 0.01 nT  
Magnetometer Sample Interval: 0.20 seconds  
Data Acquisition: Geo Instruments Model 2500  
Data Recording: 1.44 MB floppy disks  
Spectrometer: Explorerium G850  
Crystal Size: 16.25 downward array  
Spectrometer Sample Interval: 1.0 Seconds (approx 50 metres)  
Flight Path Record: VHS Colour Video System  
GPS Navigation System: Novatel GPS Receiver

**AIRBORNE SURVEY SPECIFICATIONS**

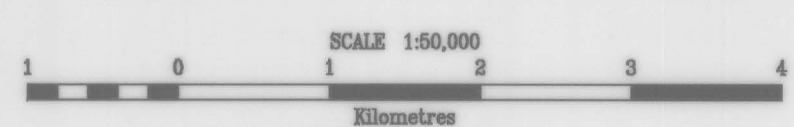
Flight Line Direction: 090 - 270 degrees  
Flight Line Separation: 200 metres  
The Line Direction: 000 - 180 degrees  
The Line Separation: 400 metres  
Terrain Clearance: 60 metres (MVC)

**TOTAL MAGNETIC INTENSITY CONTOURS**

Durnal variations removed  
IGMF(1990) updated to 1990.8 removed  
Average survey base station value and a constant of 5000 nT added to datum  
Grid mesh: 50 x 50 metres  
Contour Interval: 2, 10, 50, 250, 1000 nT

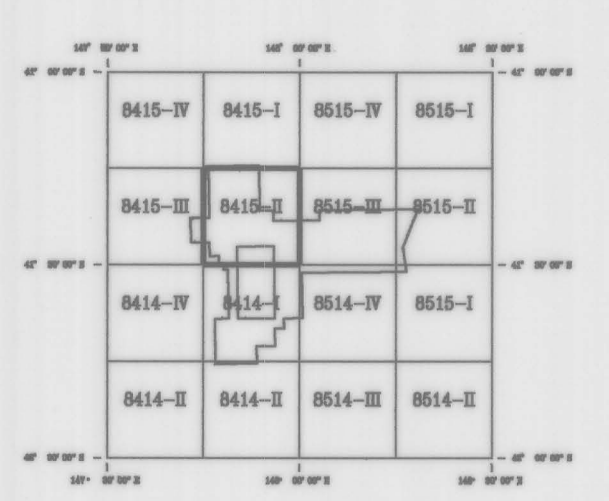
**Fingal Aeromagnetic Survey**  
Tasmania Development and Resources  
Minerals Resources Tasmania  
Surveyed and compiled Geo Instruments Pty. Ltd  
Processed by Kevron Geophysics Pty. Ltd.  
October - November 1993

Mineral Resources Tasmania Reserved  
Project Supervision by Mineral Resources Tasmania



MAP GRID ZONE 55  
SPHEROID: Australian National  
PROJECTION: Universal Transverse Mercator

**1:50,000 SHEET LOCATION**



8415-II

