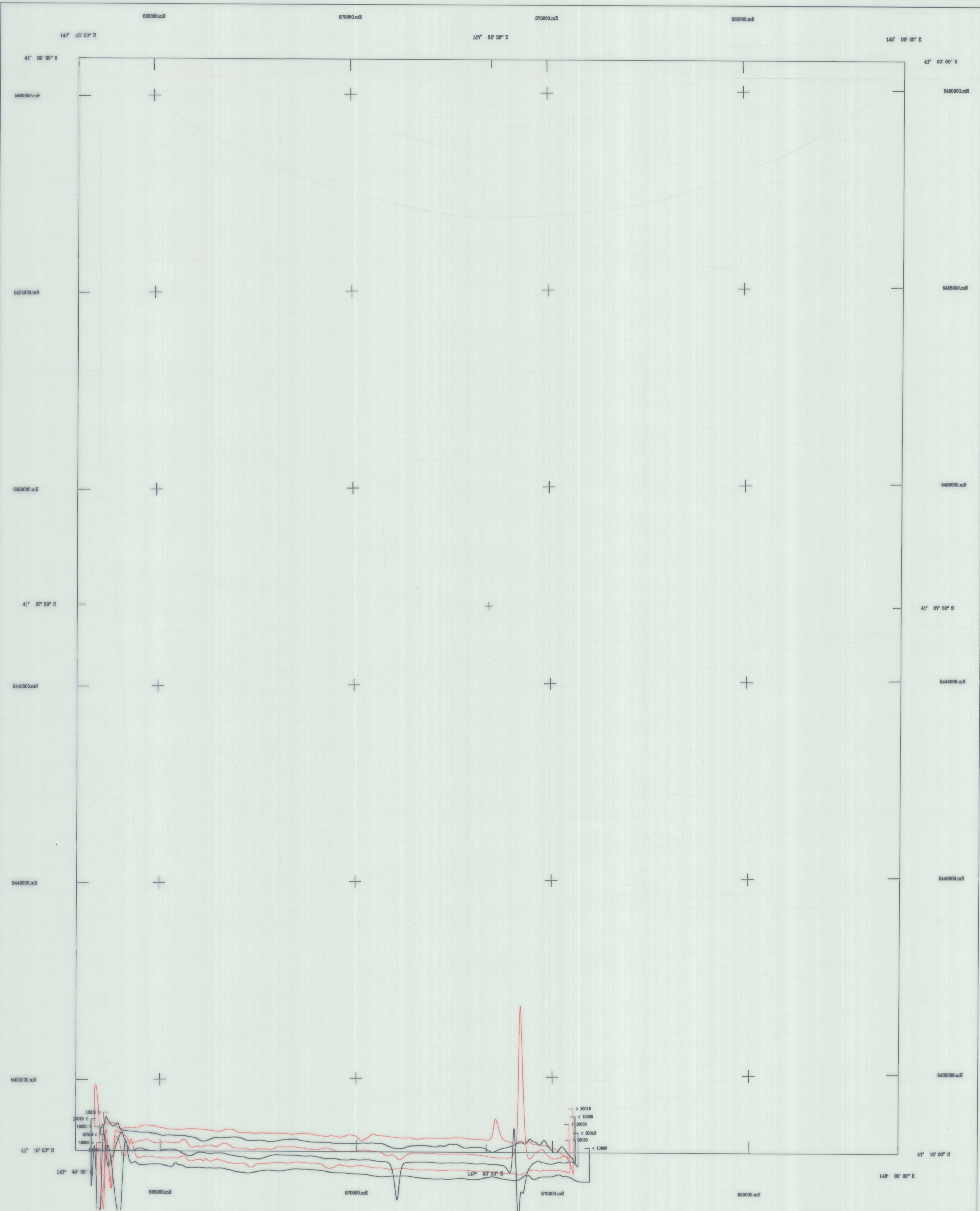


1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES  
MINERAL RESOURCES TASMANIA



**AIRBORNE SURVEY EQUIPMENT**

Aircraft  
Magnetometer  
Magnetometer Resolution  
Magnetometer Sample Interval  
Data Acquisition  
Data Recording  
Spectrometer  
Crystal Size  
Spectrometer Sample Interval  
Flight Path Record  
GPS Navigation System

Bell 206 - 3 YF-FSH  
Geometrics G833 Helium Vapour  
0.01 nT  
0.20 seconds  
Geo Instruments Model 5000  
1.44 MB floppy disks  
Exploranium G8500  
16.8K downward array  
1.0 Seconds (approx 20 metres)  
VHS Colour Video System  
Novatel GPS Receiver

**AIRBORNE SURVEY SPECIFICATIONS**

Flight Line Direction  
Flight Line Separation  
Dr Line Direction  
Dr Line Separation  
Terrain Clearance

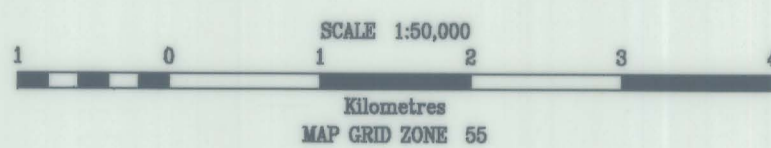
090 - 270 degrees  
200 metres  
000 - 180 degrees  
400 metres  
60 metres (MVC)

**TOTAL MAGNETIC INTENSITY STACKED PROFILES**

Diurnal variations removed  
IGRF(1980) updated to 1992.8 removed  
Average survey base station value added to datum  
Datum Base Value 5000 nT  
Vertical Scale 50 nT / cm

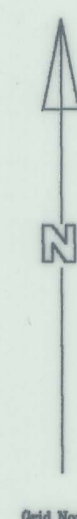
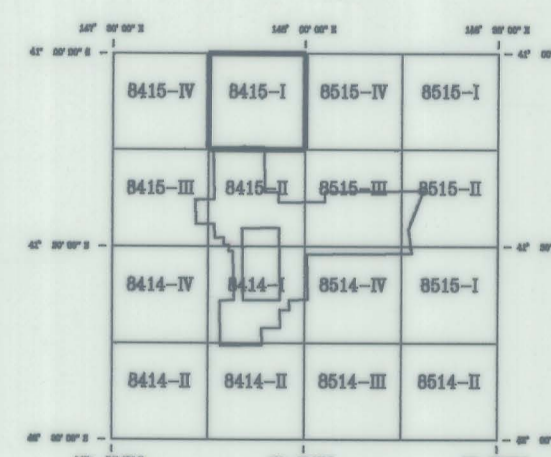
**Fingal Aeromagnetic Survey**  
Tasmania Development and Resources  
Minerals Resources Tasmania  
Surveyed and compiled Geo Instruments Pty. Ltd  
Processed by Kevron Geophysics Pty. Ltd  
October - November 1993

Mineral Resources Tasmania Reserved  
Project Supervision by Mineral Resources Tasmania



SPHEROID : Australian National  
PROJECTION : Universal Transverse Mercator

**1:50,000 SHEET LOCATION**



8415-I