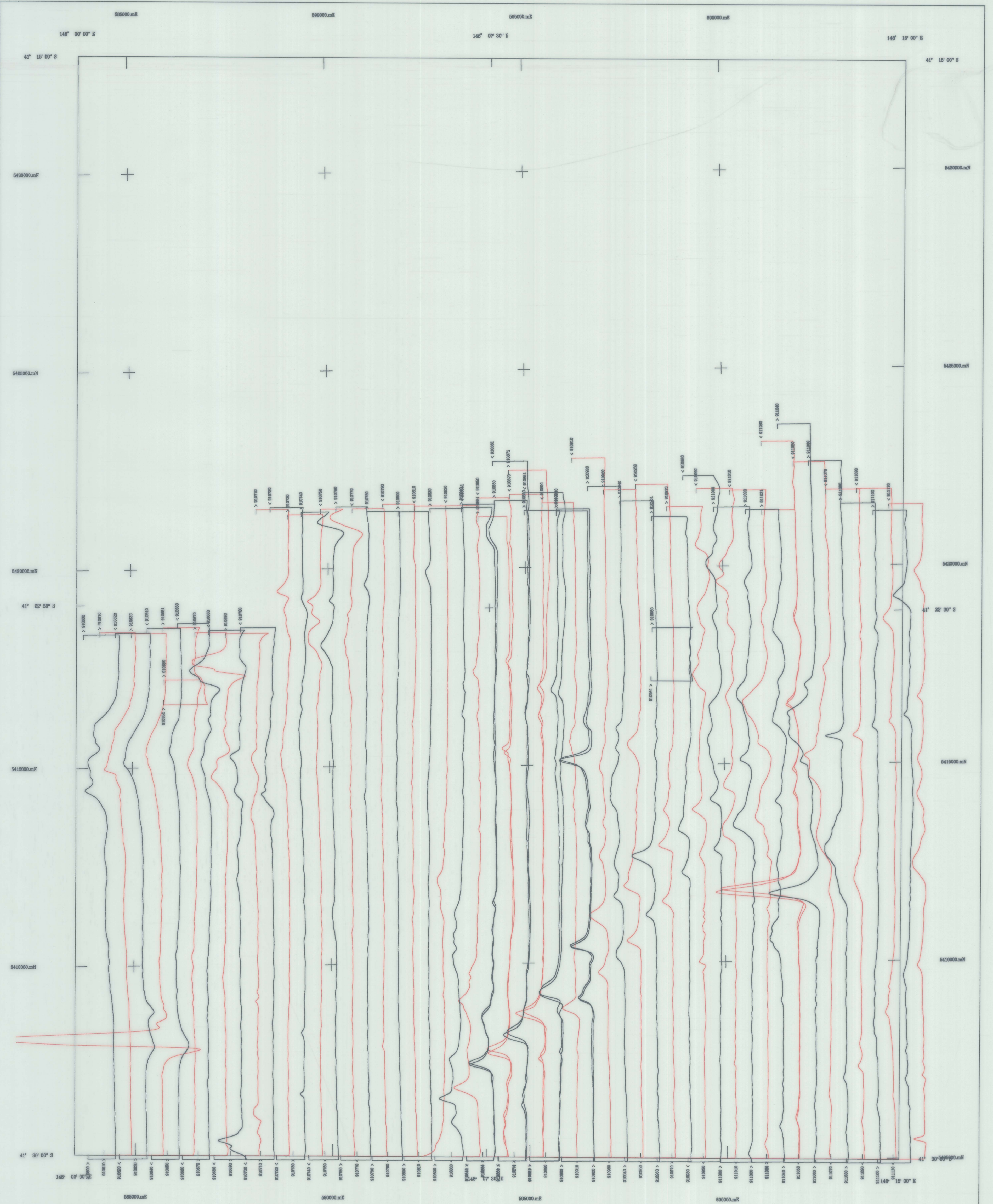


1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES  
MINERAL RESOURCES TASMANIA



**AIRBORNE SURVEY EQUIPMENT**

Aircraft	Boeing 737 - 3 WU-70H
Magnetometer	Geomatrix G533 Helium Fugate
Magnetometer Resolution	0.01 nT
Magnetometer Sample Interval	0.50 seconds
Data Acquisition	Geo Instruments Model 2000
Data Recording	1.44 MB floppy disks
Spectrometer	Supravision Q2000
Crystal Size	16.00 downward array
Spectrometer Sample Interval	1.0 Seconds (approx 25 metres)
Flight Path Record	VHS Colour Video System
GPS Navigation System	Novatel GPS Receiver

**AIRBORNE SURVEY SPECIFICATIONS**

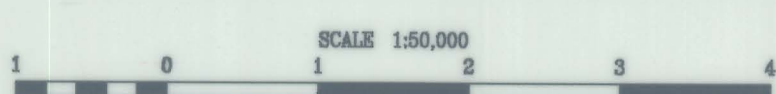
Flight Line Direction	090 - 270 degrees
Flight Line Separation	200 metres
The Line Direction	000 - 180 degrees
The Line Separation	400 metres
Terrain Clearance	60 metres (MFL)

**TOTAL MAGNETIC INTENSITY STACKED PROFILES**

Diurnal variations removed  
IGRF(1990) updated to 1993.6 removed  
Average survey base station value added to datum  
Datum Base Value 5100 nT  
Vertical Scale 50 nT / cm

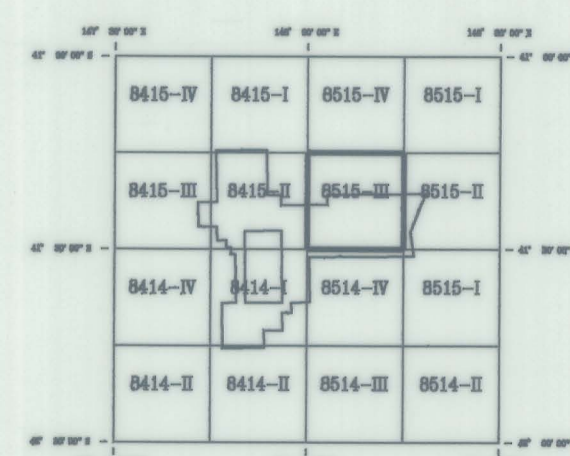
**Fingal Aeromagnetic Survey**  
Tasmania Development and Resources  
Minerals Resources Tasmania  
Surveyed and compiled Geo Instruments Pty. Ltd  
Processed by Kevron Geophysics Pty. Ltd.  
October - November 1993

Mineral Resources Tasmania Reserved  
Project Supervision by Mineral Resources Tasmania



SCALE 1:50,000  
Kilometres  
MAP GRID ZONE 55  
SPHEROID : Australian National  
PROJECTION : Universal Transverse Mercator

**1:50,000 SHEET LOCATION**



8515-III