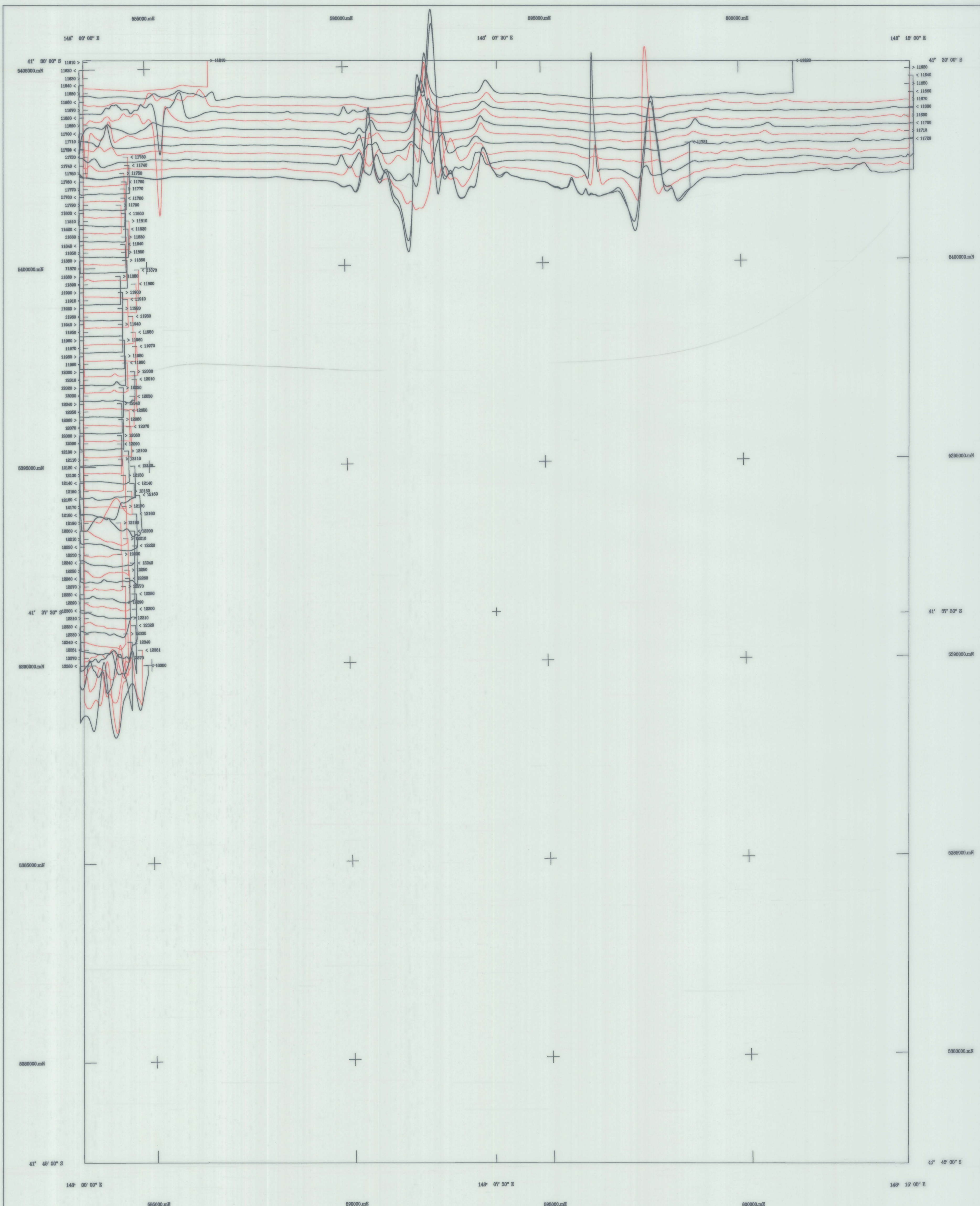


1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY PROFILES
MINERAL RESOURCES TASMANIA



AIRBORNE SURVEY EQUIPMENT

Aircraft	Boeing 737-400
Magnetometer	Ball 208 - 3 VIT-FHE
Magnetometer Resolution	Geometrics G825 Helium Vapor
Magnetometer Sample Interval	0.01 nT
Data Acquisition	8.25 seconds
Data Recording	Geo Instruments Model 2000
Speckrometer	1.44 Mb floppy disks
Crystal Size	Exploranium 03523
Spectrometer Sample Interval	16.0K downward array
Flight Path Record	1.0 Seconds (approx 25 metres)
GPS Navigation System	VHS Colour Video 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	80 metres (MTC)

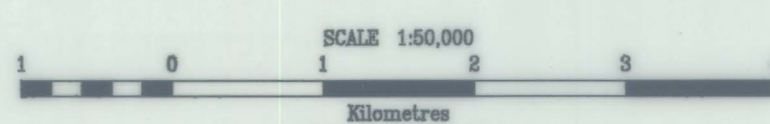
TOTAL MAGNETIC INTENSITY STACKED PROFILES

Diurnal variations removed
IGRF(1990) updated to 1982.8 removed
Average survey base station value added to datum

Datum Base Value 5000 nT
Vertical Scale 50 nT / cm

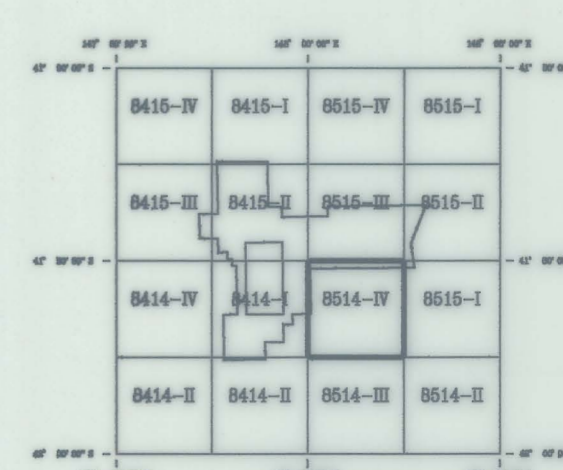
Fingal Aeromagnetic Survey
Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania



SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

1:50,000 SHEET LOCATION



8514-IV



Grid North