

1:50,000 AIRBORNE GEOPHYSICAL SERIES

FINGAL SURVEY

TOTAL MAGNETIC INTENSITY CONTOURS
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

Boill 208 - 3 V8-V8H
Geometrics G85 Helium Vapor
0.01 nT
0.20 seconds
Geo Instruments Model 2000
1.44 MB floppy disks
Exploranium G850
16.8M downward array
1.0 Seconds (approx 35 metres)
VHS Colour Video System
Novatel GPS Receiver

AIRBORNE SURVEY SPECIFICATIONS

Flight Line Direction
Flight Line Separation
Tie Line Direction
Tie Line Separation
Terrain Clearance

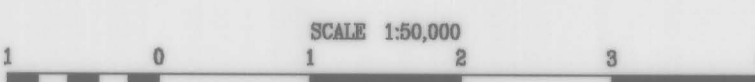
090 - 270 degrees
200 metres
090 - 180 degrees
400 metres
60 metres (MTC)

TOTAL MAGNETIC INTENSITY CONTOURS

Diurnal variations removed
IGRF(1990) updated to 1993.0 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

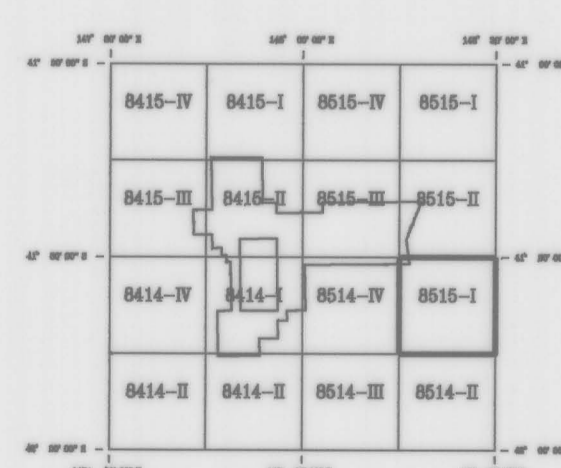
Fingal Aeromagnetic Survey
Tasmania Development and Resources
Minerals Resources Tasmania
Surveyed and compiled Geo Instruments Pty. Ltd
Processed by Kevron Geophysics Pty. Ltd.
October - November 1993

Mineral Resources Tasmania Reserved
Project Supervision by Mineral Resources Tasmania



SPHEROID : Australian National
PROJECTION : Universal Transverse Mercator

1:50,000 SHEET LOCATION



8515-I

