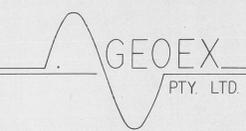


365000 366000 367000 368000 369000 370000 371000 372000 373000 374000 375000

Airborne Geophysical Survey
and Compilation by



WEST COAST AREA

TASMANIA

EQUIPMENT SPECIFICATIONS

Cessna 441B2 Aircraft
 SONOTEC 16551 SYSTEM
 O-101 MAGNETOMETER
 256 CHANNEL SPECTROMETER
 24-Line Nal (Tl) DETECTOR
 4000 KHZ RADAR ALTIMETER
 16-mm Ground Tracking Camera
 Industry Standard 3000 32 RPM Magnetic Tape
 8 Channel Analogue Recorder
 2 Channel Analogue Recorder for Magnetometer

The nominal flight line separation was 500m and the nominal
 line bearing was 0 degrees. The observed mean sample
 interval in the flight direction was 41m, achieved with a
 nominal aircraft speed of 100kms and a landing interval of 0.8
 second. The mean sensor height was 135m using a towed bird
 configuration. The magnetometer accuracy is 1.0nT, and the
 resolution is 0.1nT.

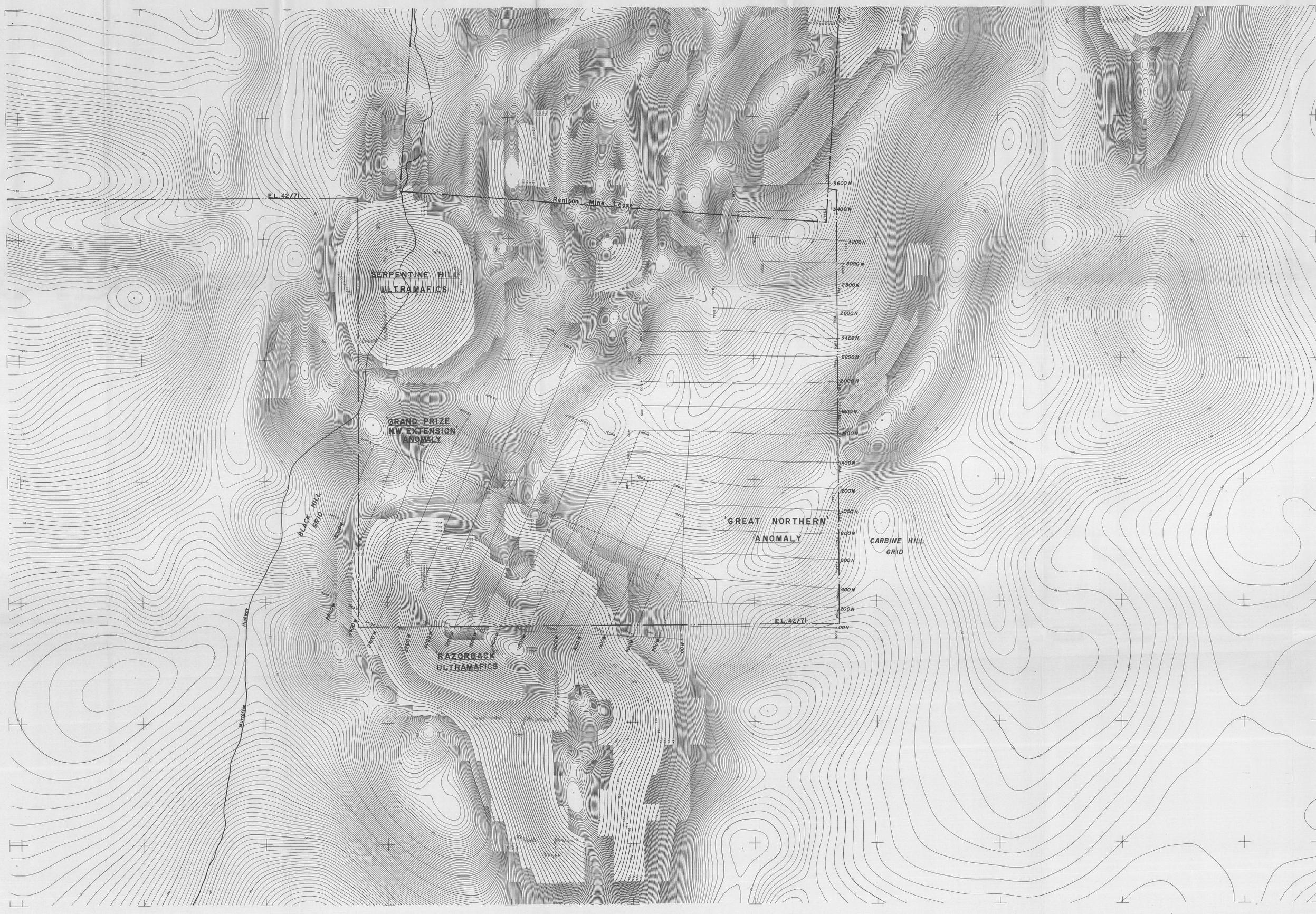
The data presented is the residual magnetic intensity after
 subtracting the International Geomagnetic Reference Field
 from the observed Total Magnetic Intensity.
 The data was corrected for diurnal drift using a base station
 number of 0382870000 surface.
 Latitude 42 07'PS
 Longitude 145 51'PE
 Altitude 239m

The sensor height was 3m. The adapted value for this
 location was 0.25nT.

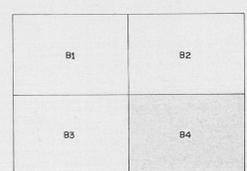
Final detailed leveling of this data was performed using tie-line
 crossline profiles. A simple 3 point filter was applied to the
 data, which was then gridded and contoured using a 125 by
 125 meter grid.

The CONTOUR INTERVAL is 5nT.

CONTOURS OF RESIDUAL
TOTAL MAGNETIC INTENSITY
ZEEHAN B4
 1:10,000 061
 Ref: GFL/MG 84/03 FIG. 62
 650482 84-2183 VOL 5/5



SHEET B4



SHEET INDEX



SCALE
 0 200 400 600 800 1000
 METRES
 1:10000