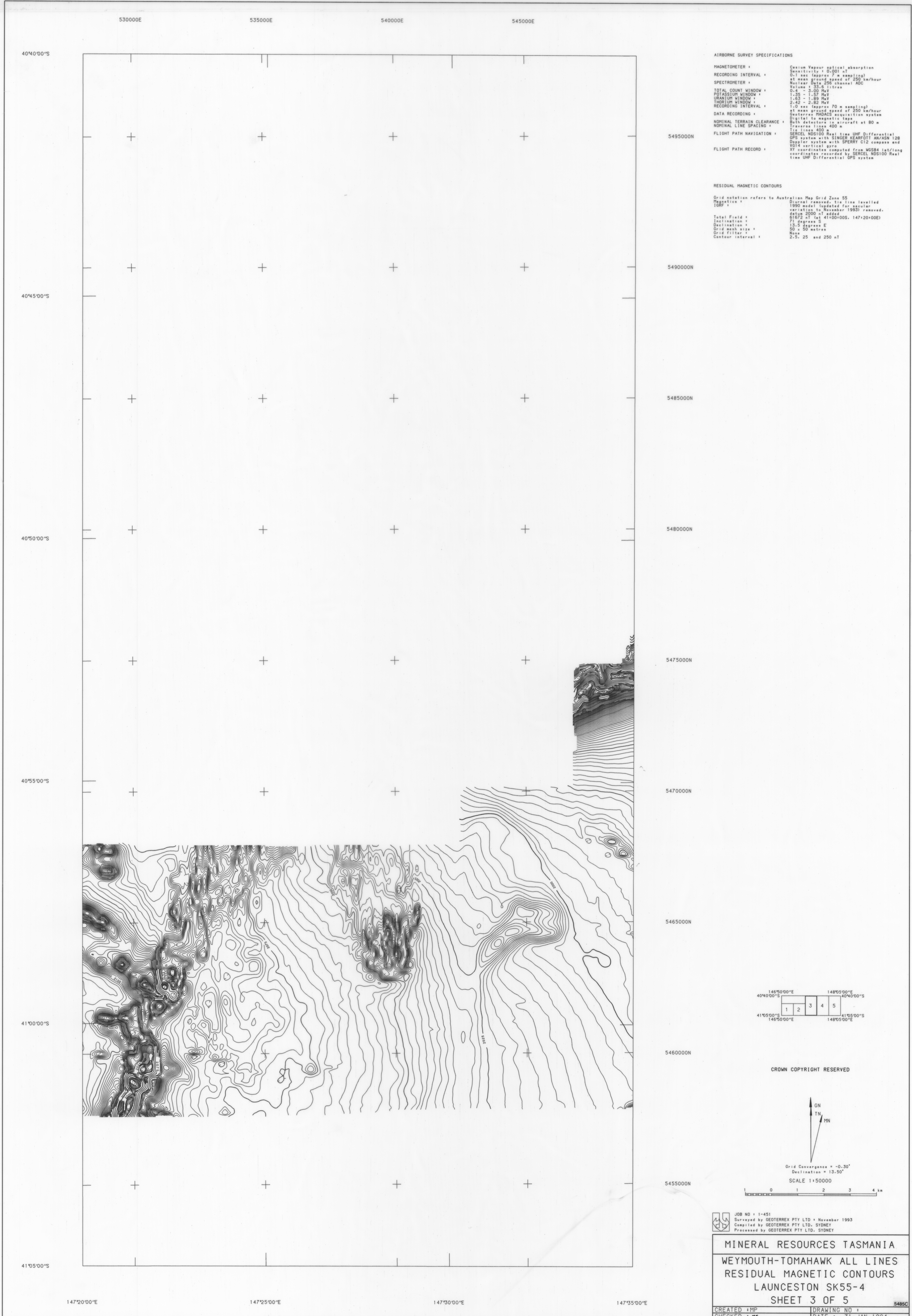


5484C

873

5 cm

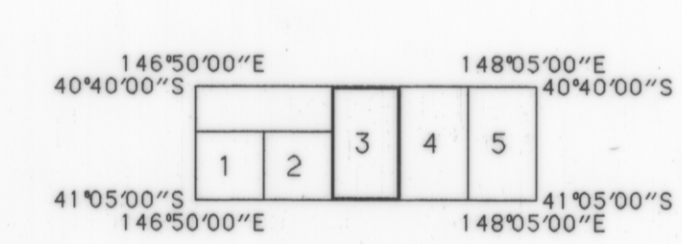


**AIRBORNE SURVEY SPECIFICATIONS**

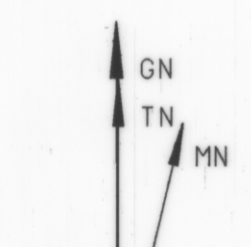
MAGNETOMETER : Cesium Vapour optical absorption  
Sensitivity : 0.001 nT  
RECORDING INTERVAL : 0.1 sec (approx 7 m sampling)  
at mean ground speed of 250 km/hour  
SPECTROMETER : Nuclear Data 255 channel ADC  
Volume : 33.6 litres  
TOTAL COUNT WINDOW : 0.4 - 3.00 MeV  
POTASSIUM WINDOW : 1.35 - 1.57 MeV  
URANIUM WINDOW : 1.35 - 1.89 MeV  
THORIUM WINDOW : 2.42 - 2.82 MeV  
RECORDING INTERVAL : 1.0 sec (approx 70 m sampling)  
at mean ground speed of 250 km/hour  
DATA RECORDING : Canberra RADACS acquisition system  
Digital to magnetic tape  
NOMINAL TERRAIN CLEARANCE : Both detectors to aircraft at 80 m  
NOMINAL LINE SPACING : Traverse lines 400 m  
FLIGHT PATH NAVIGATION : SERCEL NDS100 Real time UHF Differential  
GPS system with SINGER KEARFOTT AN/ASU 128  
Doppler system with SPERRY CI2 compass and  
Y0 vertical gyro  
FLIGHT PATH RECORD : XI coordinates computed from WGS84 lat/long  
coordinates recorded by SERCEL NDS100 Real  
time UHF Differential GPS system

**RESIDUAL MAGNETIC CONTOURS**

Grid notation refers to Australian Map Grid Zone 55  
Magnetic : Dipolar, reduced, six line levelled  
ICRP : 1990 model (updated for secular  
variation to November 1993) removed.  
Total Field : 46.20 nT added  
Inclination : 71.0 degrees S  
Declination : 13.5 degrees E  
Grid mesh size : 50 x 50 metres  
Grid filter : None  
Contour interval : 2.5, 25 and 250 nT



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Grid Convergence = -0.30°  
Declination = 13.50°  
SCALE 1:50000

JOB NO : 1-451  
Surveyed by GEOTERREX PTY LTD : November 1993  
Compiled by GEOTERREX PTY LTD, SYDNEY  
Processed by GEOTERREX PTY LTD, SYDNEY

**MINERAL RESOURCES TASMANIA**  
**WEYMOUTH-TOMAHAWK ALL LINES**  
**RESIDUAL MAGNETIC CONTOURS**  
**LAUNCESTON SK55-4**  
**SHEET 3 OF 5**

CREATED : MP  
CHECKED : MS  
DRAWING NO :  
DATE : 31-JAN-1994