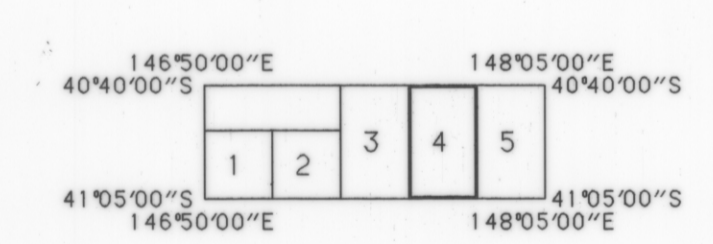


AIRBORNE SURVEY SPECIFICATIONS

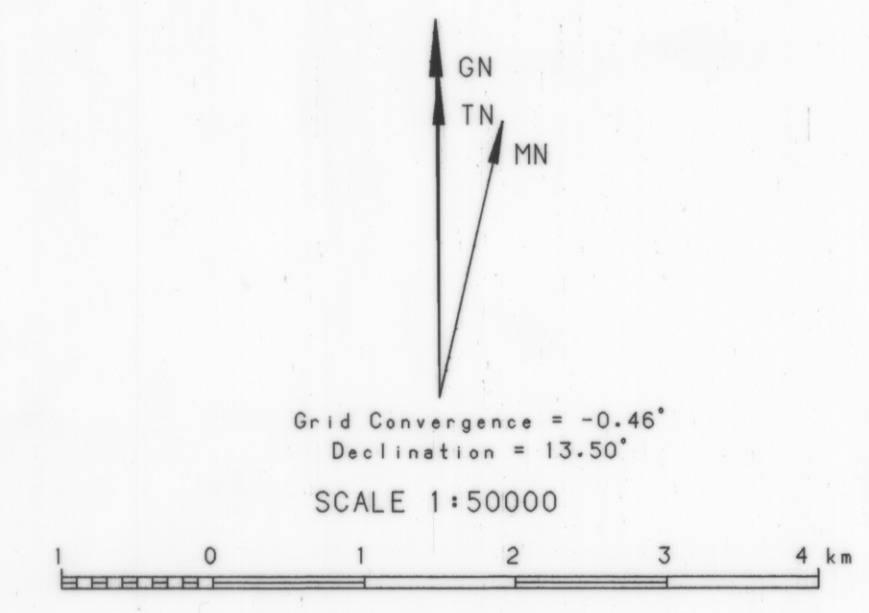
MAGNETOMETER : Cesium Vapour optical absorption
Sensitivity : 0.001 nT
RECORDING INTERVAL : 0.1 sec (approx 7 m sampling)
SPECTROMETER : at mean ground speed of 250 km/hour
Nuclear Only 256 channel ADC
TOTAL COUNT WINDOW : Volume : 0.336 litres
POTASSIUM WINDOW : 0.6 - 3.00 MeV
THORIUM WINDOW : 1.83 - 3.00 MeV
RECORDING INTERVAL : 2.02 sec (approx 70 m sampling)
DATA RECORDING : at mean ground speed of 250 km/hour
NOMINAL TERRAIN CLEARANCE : Both detectors in aircraft at 80 m
NOMINAL LINE SPACING : 400 m
FLIGHT PATH NAVIGATION : SERCEL NSD100 Real time UHF Differential GPS system with SINGER KEARFOOT AN/ASN 128 Doppler system with SPERRY CT2 compass and VDI4 receiver
FLIGHT PATH RECORD : All coordinates computed from MOSSA lat/long coordinates recorded by SERCEL NSD100 Real time UHF Differential GPS system

RESIDUAL MAGNETIC PROFILES

Grid station refers to Australian Map Grid Zone 55
Magnetic : Digital removed, 1:1 line levelled
IGRF : 1990 model (updated for secular variation to November 1993) removed.
Total Field : 41872 nT (at 41°00'00S, 147°20'00E)
Inclination : 51 degrees S
Declination : 13.5 degrees E
Vertical Scale : 200 nT/cm
Base Value : 2000 nT



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

MINERAL RESOURCES TASMANIA
WEYMOUTH-TOMAHAWK NS LINES
RESIDUAL MAGNETIC PROFILES
LAUNCESTON SK55-4
SHEET 4 OF 5

CREATED : MP
CHECKED : HS
DRAWING NO :
DATE : 27-JAN-1994