

DEPARTMENT OF
MINERALS AND ENERGY
WESTERN AUSTRALIA

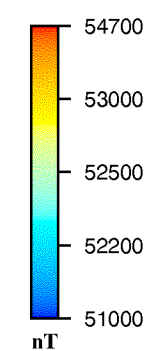
NGMA
PRODUCT OF THE NATIONAL
GEOSCIENCE MAPPING ACCORD



AGSO
AUSTRALIAN
GEOLOGICAL SURVEY
ORGANISATION

WEST PILBARA Total Magnetic Intensity

Scale 1:250 000
0 5 10 20 30
Kilometres

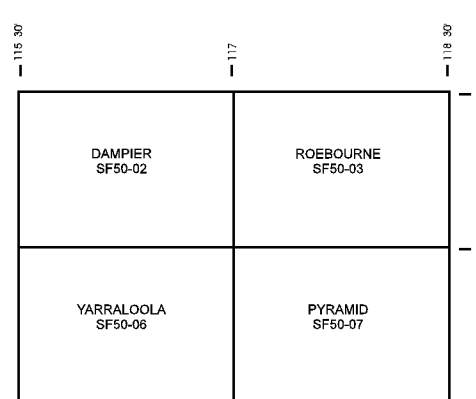
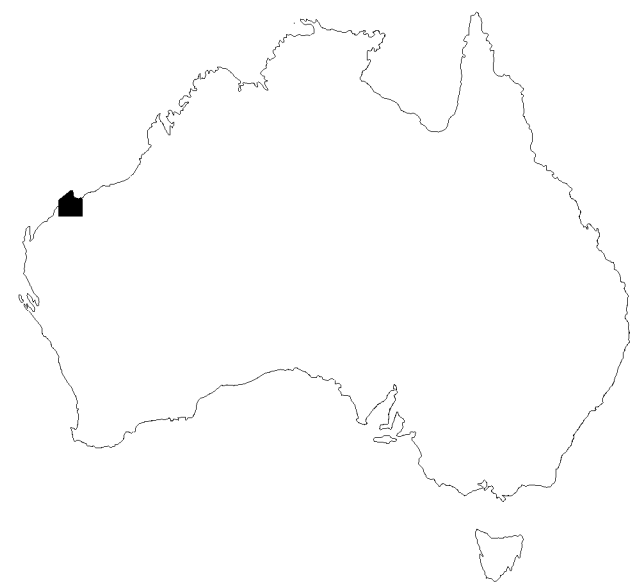


SURVEY SPECIFICATIONS

Date flown May - July 1995
Survey area 77 213 km
Line spacing 400 m
Line direction 135 - 315 degrees
To line spacing 4000 m
To line direction 45 - 215 degrees
Navigation GPS
Terrain clearance 60 m
Magnetometer C1 vacout
Magnetometer sample interval 0.1 second (7 m approx)
Spectrometer sample interval 1 second (7 m approx)
Crystal size 33 lbs

PROCESSING

Data reduction by: Tetra-10 Pty Ltd
IGRF: 1990 extrapolated to 1995.6
Geoid: Datum AGDS84
Map Projection: Trans Mercator AMG80
Gridding by: Tetra-10 Pty Ltd
Image processing by: GSWA (ER Mapper 5.1)
Bathymetry: Elevation 50 - 4000 m
Data range: 46000 nT to 96000 nT. High and low
values clipped to improve imaging.
Grid cell: 100 m
Algorithm: pilbas250k_m
Geophysical project manager: G. Stearnson
Compiled by: J. H. Watt
1 December 1995



SHEET INDEX

Preliminary Edition
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