



AIRBORNE SURVEY SPECIFICATIONS

AIRCRAFT CESSNA STATIONAIR 206G
MAGNETOMETER SCINTREX V201 SPLIT BEAM CESIUM VAPOUR
RESOLUTION: 0.01 nano Tesla.
CYCLE RATE: 0.3 seconds.
SAMPLE INTERVAL: 17 metres.
SPECTROMETER GEOMETRICS EXPLORANUM GR800B.
Channels
Total Count 0.40 - 3.03 MeV
K 40 1.37 - 1.56 MeV
Bi 214 1.07 - 1.80 MeV
Tl 208 2.41 - 2.80 MeV
Cosmic 3.02 - 6.00 MeV
VOLUME: 16.76 litres.
CYCLE RATE: 1.2 seconds.
SAMPLE INTERVAL: 68 metres.
DATA ACQUISITION HEWLETT PACKARD 9825 COMPUTER.
AERODATA DIGITAL ACQUISITION SYSTEM.
FLIGHT LINE SPACING Traverse lines: 200 metres.
Tie lines: 2000 metres.
FLIGHT LINE DIRECTION Traverse lines 090-270 degrees.
Tie lines: 000-180 degrees.
SURVEY HEIGHT 60 metres - mean terrain clearance.

REFERENCE

CONTOUR INTERVAL 25 nano Teslas

The magnetic data has had the gradient due to the I.G.R.F models 1980 and 1985 and secular variation models 1980-1985 and 1985-1990 removed and has been adjusted for diurnal variation to a constant base value.

Data has been corrected for system paralax.

SURVEYED AND COMPILED BY AERODATA HOLDINGS LTD 1985-87
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100 PLAIN STREET, EAST PERTH 6004 WITH PERMISSION OF COPYRIGHT HOLDER

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AERODATA HOLDINGS LTD, 17 EMERALD STREET, WEST PERTH 6005

INDEX TO ADJOINING SHEETS

ROBINHARRA 2445	TIERACO 2545	GLENGARRY 2645
MADDONGA 2444	MEEKATHARRA 2544	GABANINTHA 2644
CUE 2443	REEDY 2543	HOWTHANA 2643



1:250 000 SHEET INDEX

ROBINSON RANGE	PEAR HILL
BELELE SG 50 - 11	GLENGARRY SG 50 - 12
CUE	SANDSTONE



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JOHN CLARKE
ACTING DIRECTOR, GEOLOGICAL SURVEY
OF WESTERN AUSTRALIA



SCALE 1: 100 000
2000 1000 0 2 4 6 8 10
Metres ZONE 50 AUSTRALIAN MAP GRID Kilometres

TOTAL FIELD MAGNETIC CONTOUR MAP

MEEKATHARRA
— GABANINTHA
— TIERACO
— GLENGARRY

2544-2644 - 2545 - 2645