



AIRBORNE SURVEY SPECIFICATIONS

AIRCRAFT  
MAGNETOMETER  
SPECTROMETER  
DATA ACQUISITION  
FLIGHT LINE SPACING  
FLIGHT LINE DIRECTION  
SURVEY HEIGHT

CESSNA STATIONAIR 206G.  
SCINTREX V201 SPLIT BEAM CESIUM VAPOUR  
RESOLUTION: 0.01 nano Tesla.  
CYCLE RATE: 0.3 seconds.  
SAMPLE INTERVAL: 17 metres.  
GEOMETRICS EXPLORANUM GR800B.  
Channels  
Total Count 0.40 - 3.03 MeV  
K 40 1.37 - 1.56 MeV  
Bi 214 1.67 - 1.86 MeV  
TI 208 2.41 - 2.80 MeV  
Cosmic 3.02 - 6.00 MeV  
VOLUME: 16.78 litres.  
CYCLE RATE: 1.2 seconds.  
SAMPLE INTERVAL: 68 metres.  
HEWLETT PACKARD 9825 COMPUTER.  
AERODATA DIGITAL ACQUISITION SYSTEM.  
Traverse lines:200 metres.  
Tie lines: 2000 metres.  
Traverse lines:090-270 degrees.  
Tie lines: 000-180 degrees.  
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 parallax

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

MADOONGA	HEEKATHARRA	CABANINTHA
2444	2544	2644
CUE	REEDY	HOWTHANNA
2443	2543	2643
AUSTIN	WYNYANGOOD	WOODLEY
2442	2542	2642

1:250 000 SHEET INDEX



BELELE		
YALGOO	CUE SG 50-15	SANDSTONE
KIRKALOOKA		



DEPARTMENT OF MINERALS AND ENERGY  
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MINISTER FOR MINES  
D.R. KELLY, DIRECTOR GENERAL



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

REEDY  
2543