

AIRBORNE SURVEY SPECIFICATIONS

- MAGNETOMETER : GEOMETRICS G-813 HIGH PERFORMANCE  
MAGNETOMETER RESOLUTION : 0.01 nT.  
CYCLE RATE: 0.31 seconds.
- SPECTROMETER : GEOMETRICS GR8008 256 CHANNEL  
SPECTROMETER OPERATING IN 4 CHANNELS  
GEOMETRICS DET 1024 SODIUM-100IDE  
CRYSTAL SENSOR SYSTEM (Vol : 1024 cu in)
- DATA ACQUISITION : HEWLETT PACKARD 9825 COMPUTER.  
HEWLETT PACKARD 9875 CARTRIDGE TAPE UNIT.  
AERODATA DIGITAL ACQUISITION SYSTEM.
- FLIGHT LINE SPACING : Traverse lines: 200 metres.  
Tie lines: 2500 metres.
- FLIGHT LINE DIRECTION: Traverse lines: 090-270 degrees.  
Tie lines: 000-180,160-340 degrees.
- SURVEY HEIGHT : 60 metres - Mean terrain clearance.
- FLIGHT PATH RECOVERY : On to A.M.G. controlled photography.
- RECOVERY INTERVAL : Traverse lines : Every 750 metres.  
Tie lines : Every 1000 metres

REFERENCE

CONTOUR INTERVAL - 25 nano Tesla  
Magnetic contour values follow convention of  
reading from LOW to HIGH intensity.  
The magnetic data has been adjusted for  
diurnal variation to a constant base value  
by use of a base station at LEONORA.  
Data has been corrected for system parallax  
and the IGRF effect has been removed.

SURVEYED AND COMPILED BY AERODATA HOLDINGS LTD 1984-85  
CONTOURING BY TESLA-10 PTY LTD

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100 PLAIN STREET, EAST PERTH 6004 WITH PERMISSION OF COPYRIGHT HOLDER

DIGITAL DATA AVAILABLE FROM:  
AERODATA HOLDINGS LTD, 17 EMERALD TERRACE, WEST PERTH 6005

INDEX TO ADJOINING SHEETS

WILDARA	WEEBO	KANBI
3041	3141	3241
WILBAH	LEONORA	HINERIE
3040	3140	3240
BALLARD	HELIITA	VERILLA
3039	3139	3239

1:250 000 SHEET INDEX

LEONORA SH 51-1	LAVERTON SH51-2
MENZIES SH51-5	EDJUDINA SH51-6



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HON. GORDON HILL, J. P. M.L.A.  
MINISTER FOR MINES  
D.R. KELLY, DIRECTOR GENERAL OF MINES



SCALE 1:100 000  
Metres 2000 1000 0 2 4 6 8 10  
Kilometres

TOTAL FIELD  
MAGNETIC CONTOUR MAP  
LEONORA AREA  
3140-3240-3139-3239