



**AIRBORNE SURVEY SPECIFICATIONS**

MAGNETOMETER : GEOMETRICS G-813 HIGH PERFORMANCE  
MAGNETOMETER RESOLUTION : 0.01 nT.  
CYCLE RATE : 0.31 seconds.  
SAMPLE INTERVAL : 17 metres.  
SPECTROMETER : GEOMETRICS GR800B 256 CHANNEL.  
SPECTROMETER OPERATING IN 4 CHANNELS  
GEOMETRICS DET 1024 SODIUM-IODIDE  
CRYSTAL SENSOR SYSTEM (Vol. 1024 eu 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 NORSEMAN.  
Data has been corrected for system parallax  
and the IGRF effect has been removed.

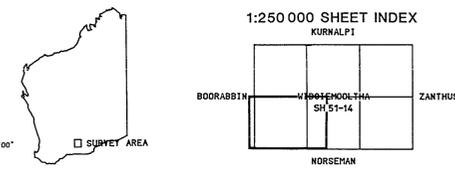
SURVEYED AND COMPILED BY AERODATA HOLDINGS LTD 1984-85  
CONTOURING BY TESLA-10 PTY LTD

PUBLISHED BY AND AVAILABLE FROM GEOLOGICAL SURVEY OF WESTERN AUSTRALIA  
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**

YILGINA	LAKE	HOMT
3135	LEFROY	BELCHES
	3225	3335
CAVE	COWAN	YARDINA
HILL	3234	3334
3134		
BRONKITE	NORSEMAN	SILDANIA
RIDGE	3133	3233
		3333



**TOTAL FIELD MAGNETIC CONTOUR MAP**

**CAVE HILL-COWAN  
-YARDINA AREA**

**3134-3234-3334**