



AIRBORNE SURVEY SPECIFICATIONS

- MAGNETOMETER : GEOMETRICS G-813 HIGH PERFORMANCE  
MAGNETOMETER. RESOLUTION : 0.01 nT.  
CYCLE RATE: 0.31 seconds.
- SPECTROMETER : SAMPLE INTERVAL: 17 metres.  
GEOMETRICS GR800B 256 CHANNEL.  
SPECTROMETER OPERATING IN 4 CHANNELS  
GEOMETRICS DET 1024 SODIUM-1010E  
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 KALGOORLIE.  
Data has been corrected for system parallax  
and the IGRF effect has been removed.

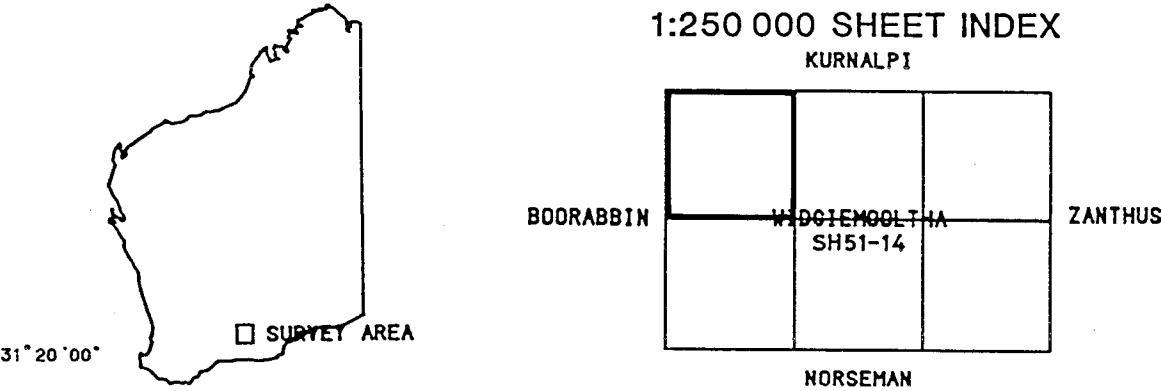
SURVEYED AND COMPILED BY AERODATA HOLDINGS LTD 1984-85  
CONTOURING BY TESLA-10 PTY LTD

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

KALGOORLIE	KANOWA	KURNALPI
3136	3236	3336
YILMIA	LAKE LEFROY	MOUNT BELCHES
3135	3235	3335
GAYE HILL	COWAN	YARDINA
3134	3234	3334



P.E. PLAYFORD  
DIRECTOR, GEOLOGICAL SURVEY  
OF WESTERN AUSTRALIA

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

AERODATA  
AERIAL PHOTOGRAPHIC SURVEYS

SCALE 1:100 000

2000 1000 2 4 6 8 10  
Metres Kilometres

TOTAL FIELD MAGNETIC CONTOUR MAP

LAKE LEFROY

3235