



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 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

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

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AERODATA HOLDINGS LTD, 17 EMERALD TERRACE, WEST PERTH 6005

INDEX TO ADJOINING SHEETS

DAYTHORST 3037	BARDOC 3137	GINDALBIE 3237
DUNNSVILLE 3036	KALGOORLIE 3136	KANONWA 3236
WOOLGANGIE 3035	YILLIHA 3135	LAKE LEFFROY 3235



1:250 000 SHEET INDEX

MENZIES		
JACKSON	KALGOORLIE SH 51-9	KURNALPI
BOORABBIN		



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D.R. KELLY, DIRECTOR GENERAL OF MINES



TOTAL FIELD MAGNETIC CONTOUR MAP

KALGOORLIE

3136