

This sheet area is covered by two surveys that are listed below, and the areas covered by each are shown on the Survey Index. The grid cell size is 60m.

Survey ID	Line Spacing (m)	Line Direction	Flying Height (m)	Navigation/flight path recovery	Survey distance (km)	Date	Operator
1	400	E-W	80	GPS	16 600	1999	TAG
2	400	E-W	50	GPS	7 900	1997	Kevron
3	200	N-S	60	GPS	17 400	1995	Kevron
4	200	N-S	60	GPS	25 000	1994	Kevron
5	200	E-W	80	Maxiran II ENS	13 600	1987	Kevron

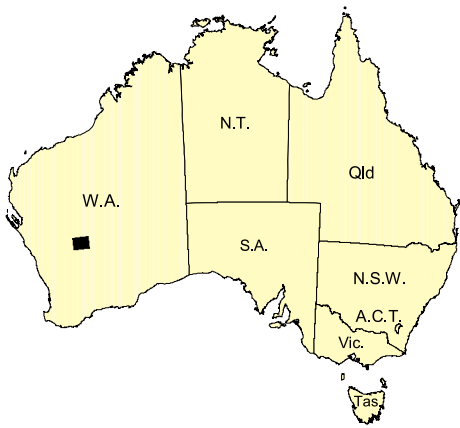
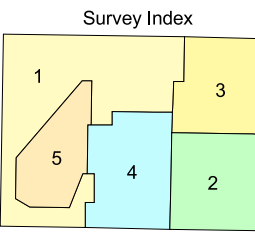
The 1999 survey was flown by Tesla Airborne Geoscience (TAG) under contract to GSWA. The data were merged by TAG with data from four private company surveys flown between 1987 and 1997. These earlier survey datasets were acquired by AGSO and GSWA from the private company owners and now form part of the National Airborne Geophysics Database

Published by the Geological Survey of Western Australia. Copies are available from the Information Centre, Department of Minerals and Energy, 100 Plain Street, East Perth, WA 6004 Phone (08) 9222 3459, Fax (08) 9222 3444, [www.dme.wa.gov.au](http://www.dme.wa.gov.au)

Image processing J. Watt  
Cartography A. Fox  
Geophysics Project Manager D. Howard

These data are available in digital form from AGSO Airborne Geophysical Data Sales, GPO Box 378, Canberra, ACT 2601  
Phone (02) 6249 9210, Fax (02) 6249 9913, [www.agso.gov.au](http://www.agso.gov.au)

The recommended reference for this map is:  
GEOLOGICAL SURVEY OF WESTERN AUSTRALIA, 2000, Youanmi, W.A.: Western Australia Geological Survey, 1:250 000 Total Magnetic Intensity image



SHEET INDEX		
CUE SG 50-15	SANDSTONE SG 50-16	SIR SAMUEL SG 51-13
KIRKALOOKA SH 50-3	YOUANMI SH 50-4	LEONORA SH 51-1
NINGHAN SH 50-7	BARLEE SH 50-8	MENZIES SH 51-5

WARNING: Inks are water soluble and will fade with prolonged exposure to light



GOVERNMENT OF WESTERN AUSTRALIA  
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DEPARTMENT OF MINERALS  
AND ENERGY  
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AGSO  
PRODUCT OF THE NATIONAL  
GEOSCIENCE MAPPING ACCORD



GEOLOGICAL SURVEY OF  
WESTERN AUSTRALIA  
DAVID BLOUNT, DIRECTOR

SCALE 1:250 000



TRANSVERSE MERCATOR PROJECTION  
HORIZONTAL DATUM: WORLD GEODETIC SPHEROID 1984  
Grid lines indicate 20 000 metre interval of the Map Grid Australia Zone 50



The Map Grid Australia (MGA) is based on the Geocentric Datum of Australia 1994 (GDA94).  
GDA94 positions are compatible within one metre of the datum WGS84 positions.

GEOLOGICAL SURVEY OF WESTERN AUSTRALIA

Total Magnetic Intensity  
**YOUANMI**  
SHEET SH 50-4

First Edition 2000  
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