



Gravity unit	Contour value	1,0ms <sup>-2</sup>	-200
<b>Survey name</b>	Winning Pool survey	Merlinleigh survey	Saltmarsh survey
Survey station	CSWA	CSWA	CSWA
Acquisition date	July-August 1999	May-August 1995	1987
Acquired by	CSWA	CSWA	WAPET
Nominal station spacing	4 km	2 km along lines 3 km apart	800m along tracks
Gravity meter	LaCoste and Romberg G	Scintrex CG-# Autograv	N/A
Gravity survey accuracy	1.4µms <sup>-2</sup>	0.5µms <sup>-2</sup>	N/A
Positioning	AshTech Z-12 dual frequency GPS	Trimble Land Surveyor II	Optical
Horizontal accuracy	5 m	3 m	N/A
Vertical accuracy	0.4 m	0.05 m	N/A
Data reduction by	Bouguer density		GSWA
Terrain correction			2200 kgm <sup>-3</sup>
Geoidetic datum			Applied for Merlinleigh
Height datum			WGS84
Gridding software			AHD
Grid cell size			Intrepid 3.4
Contour interval			800 m
Image processing software			10µms <sup>-2</sup>
Project geophysicist			ER Mapper 5.5.A
Processing			S. Shevchenko
Map compilation			S. Shevchenko
Cartography			J. H. Watt
			A. Fox

Published by the Geological Survey of Western Australia. Copies 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

These data are also available in digital form from the Geophysical Mapping Section, AGSO  
GPO Box 378, Canberra, ACT 2601  
Phone (02) 6249 9222, Fax (02) 6249 9913, www.agso.gov.au/geophysics/gravitymetry

The recommended reference for this map is:  
GEOLOGICAL SURVEY OF WESTERN AUSTRALIA, 1999, Winning Pool - Minilya, W.A.:  
Western Australia Geological Survey, 1:250 000 Bouguer Gravity image



**SHEET INDEX**

NINICALOO SF 49-12	WINNING POOL SF 50-9	WYLDON SF 50-10
MINILYA SF 49-13	WINNING POOL SF 50-13	EDMUND SF 50-14
QUORIBA SG 49-1	KENNEDY RANGE SG 50-1	MOUNT PHILLIPS SG 50-2

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



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



GEOLOGICAL SURVEY OF WESTERN AUSTRALIA

**BOUGUER GRAVITY  
WINNING POOL - MINILYA  
SHEET SF 50-13, PART OF SF 49-16**

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