

PROCESSING

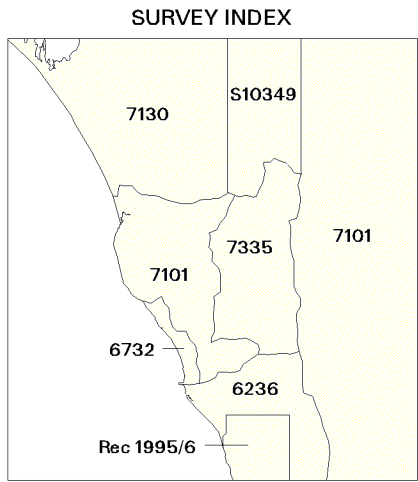
Data reduction by: GSWA  
Terrain correction: Not applied  
Bouguer density: 2.2 t/m<sup>3</sup>  
Geoid datum: AGD66  
Height datum: AHD  
Gridding by: GSWA (Interpld V3.0)  
Image processing by: GSWA (EIMapset V5.1)  
Illumination (direction/elevation): 233/084 deg  
Date of processing: 24 November 1997

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Processed and compiled by: S. I. Shorochenko  
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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 3456, fax 08 9222 3444.

This image is also available in digital form.

The recommended reference for this map: GEOLOGICAL SURVEY OF WESTERN AUSTRALIA, 1996, Onshore Southern Carnarvon and northern Perth Basins Bouguer gravity image, (1:500 000) (2nd edition), Western Australia Geological Survey.



The image is a mosaic constructed from the surveys listed below. The area of each survey is shown in the survey index above.

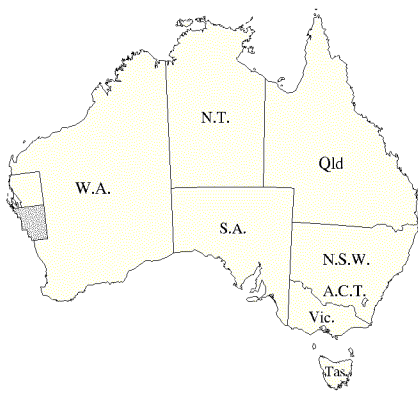
DATABASE INDEX NO.	SURVEY NAME	OPERATOR	SURVEY DATE	DATASOURCE	GRID SIZE FOR PROCESSING
6236	Dongara-Mullewa gravity survey	WAPEI	1962	AGSO gravity database	3000 m
6732	Geraldton gravity survey	WAPEI	1967	AGSO gravity database	3000 m
7101	Helicopter reconnaissance gravity survey	BMR	1969	AGSO gravity database	3000 m
7130	Murchison-Gascoyne gravity survey	WAPEI	1972	AGSO gravity database	3000 m
7335	Coolalalaya gravity survey	Summingdale Pty Ltd	1973	AGSO gravity database	3000 m
Rec 1995/6	Dongara gravity survey *	GSWA	1994	GSWA VIAPEX database	500 m
510349	Murchison gravity survey	GSWA	1997	GSWA VIAPEX database	2000 m

\* Only every third gravity station shown. Gravity stations are spaced 300 m apart in the area shown by the white box.

SYMBOLS

- ◊ Dry well, abandoned
- ◊ Exploration well, show of gas, abandoned
- Oil production well, suspended
- ✱ Gas production well
- ✱ Stratigraphic well
- Gravity station
- Town
- Coastline

Position and status of selected wells from WAPEX database as at 1 December 1997



SHEET INDEX

MINERALIA SP 40-10	WINNING POOL SP 50-13	EDMUND SP 50-14
QUINBA SS 40-1	KEMSEY RANGE SS 50-1	MOUNT PHILLIPS SS 50-2
PIPER DAM SS 40-8	WYOMING SS 50-5	GUMBRIDGE SS 50-9
EDEN SS 40-2	YARRILLA SS 50-8	BYGO SS 50-10
ZUTTORP SS 40-10	ALUNA SS 50-13	MIRROO SS 50-14
HUTTEN SS 40-4	GERALDTON SS 50-1	YALGOO SS 50-2
ZEEBYUK SS 40-4	DOBARRA SS 50-5	PERENORI SS 50-6



DEPARTMENT OF  
MINERALS AND ENERGY  
I. C. BARNARD, DIRECTOR GENERAL

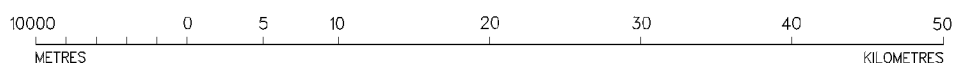


GOVERNMENT OF WESTERN AUSTRALIA  
HON. NORMAN MACDOUGALL, M.L.C.  
MINISTER FOR MINES



GEOLOGICAL SURVEY OF  
WESTERN AUSTRALIA  
DAVID B. ROSE, ACTING DIRECTOR

SCALE 1:500 000



TRANSVERSE MERCATOR PROJECTION  
Grid lines indicate 50 000 metre interval of the Australian Map Grid Zone 50

# ONSHORE SOUTHERN CARNARVON AND NORTHERN PERTH BASINS

## Bouguer Gravity Image

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