

PROCESSING

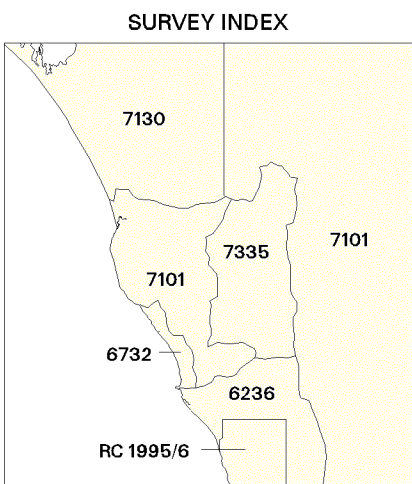
Data reduction by: Terrain correction: GSWA Not applied
Bouguer density: 2.2 t/m³
Geoid datum: AGD
Gridding by: GSWA (Interpolated V2.0)
Image processing by: GSWA (ER Mapper V2.0)
Illustration direction (elevation): 0625/060 deg
Date of processing: 15 November 1998

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Published by the Geological Survey of Western Australia. Copies available from the Mining Information Centre, Department of Minerals and Energy, 100 Plain Street, East Perth, WA, 6004. Phone (08) 9222 3459, Fax (08) 9222 3444

This image is also available in digital form

The recommended reference for this map: GEOLOGICAL SURVEY OF WESTERN AUSTRALIA, 1997 Southern Carnarvon and Northern Perth Basin, First Vertical Derivative of Bouguer Gravity Image, 1:500 000. Western Australia Geological Survey



The image is a mosaic constructed from the surveys listed below.

The coverage of the surveys is shown in the survey index.

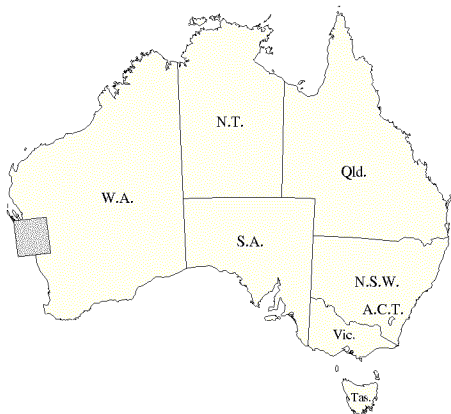
DATABASE INDEX NO.	SURVEY NAME	OPERATOR	SURVEY DATE	DATASOURCE	GRID SIZE FOR PROCESSING
6256	Dongara-Millers gravity survey	WAPET	1982	AGSO gravity database	3000 m
6782	Geraldton gravity survey	WAPET	1987	AGSO gravity database	3000 m
7101	Helicopter reconnaissance gravity survey	BMR	1969	AGSO gravity database	3000 m
7130	Murchison-Gascoyne gravity survey	WAPET	1972	AGSO gravity database	3000 m
7335	Coastalays gravity survey	Sunningdale Pty Ltd	1973	AGSO gravity database	3000 m
RC 1995/8	Dongara gravity survey *	GSWA	1994	GSWA WAPET database	500 m

* Only every third gravity station shown. Within white box, gravity stations are not shown because they are spaced 300 m apart.

SYMBOLS

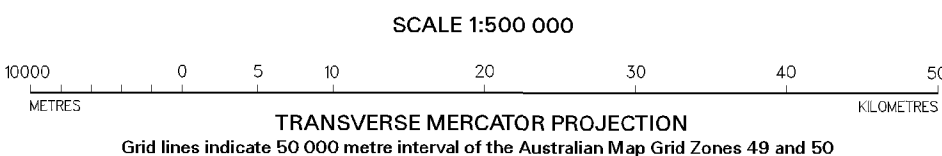
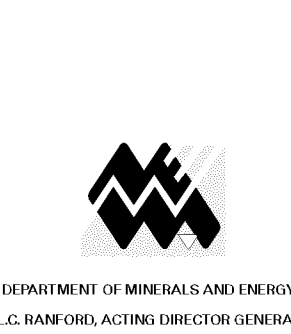
- ◊ Dry well, abandoned
- ✧ Exploration well, show of gas, abandoned
- Oil production well, suspended
- ✧ Gas production well
- ✧ Oil and gas production well
- ✧ Stratigraphic well
- Gravity stations
- Towns
- Coastline

Position and status of selected wells from WAPET database as at 1 December 1996



SHEET INDEX

COOL SH 46-12	YARRALLA SH 50-9	BYRD SH 50-10
ZUYTDERP SH 46-16	ALBANY SH 50-13	MARSDEN SH 50-14
HOUTMAN ABUNDANCE SH 46-4	GERALDTON SH 50-1	YALGOO SH 50-2
ZELBYCK SH 46-4	DONGARA SH 50-5	PENNEBARRIE SH 50-6



ONSHORE SOUTHERN CARNARVON AND NORTHERN PERTH BASIN

First Vertical Derivative of Bouguer Gravity Image

FIRST EDITION 1997
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