

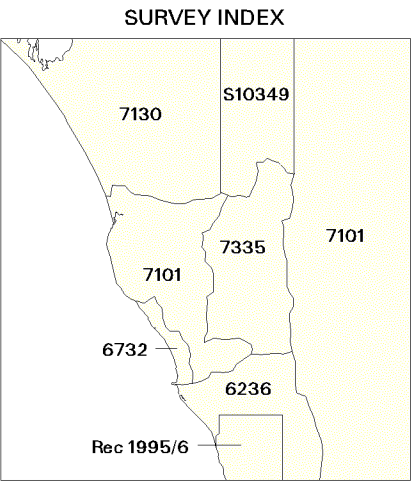
PROCESSING

Data reduction by:	GSWA
Terrain correction:	Not applied
Bouguer density:	2.2 t/m ³
Geoid datum:	AGD66
Height datum:	AHD
Gridding by:	GSWA (Interpld V3.0)
Image processing by:	GSWA (EIMapset V1.1)
Illumination (direction/elevation):	063/090 deg
Date of processing:	24 November 1997
Senior geophysicist:	R. P. Isakky
Processed and compiled by:	S. I. Shorchenko
Edited by:	L. Day and G. Ioann
Cartography by:	G. van Burell

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) 5222 3456, fax (08) 5222 3444.

This image is also available in digital form.

The recommended reference for this map: GEOLOGICAL SURVEY OF WESTERN AUSTRALIA, 1998, Onshore Southern Carnarvon and northern Perth Basins, First vertical derivative of 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.

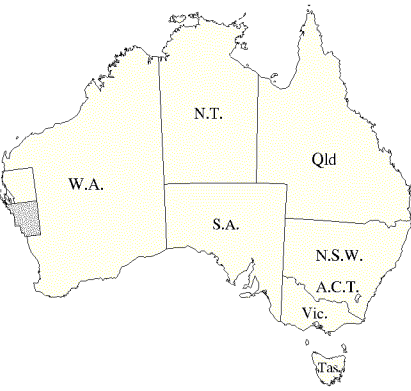
DATABASE INDEX NO.	SURVEY NAME	OPERATOR	SURVEY DATE	DATASOURCE	GRID SIZE FOR PROCESSING
6236	Dongara-Mullewa gravity survey	WAPEI	1962	ASGO gravity database	3000 m
6732	Geraldton gravity survey	WAPEI	1967	ASGO gravity database	3000 m
7101	Helicopter reconnaissance gravity survey	BMR	1969	ASGO gravity database	3000 m
7130	Murchison-Gascoyne gravity survey	WAPEI	1972	ASGO gravity database	3000 m
7335	Coolalalaya gravity survey	Summingdale Pty Ltd	1973	ASGO 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

MIRABELLA SH 40-16	WINNING POOL SH 50-13	EDMUND SH 50-14
GOSSABA SH 40-14	KEMSEY RANGE SH 50-11	MOUNT PHILLIPS SH 50-12
PIPER DAM SH 40-15	WYOMING SH 50-15	GUMBRIDGE SH 50-16
EDEN SH 40-17	YARRILLA SH 50-18	BYGO SH 50-19
ZIMMERMAN SH 40-18	ALMA SH 50-13	MIRROO SH 50-14
HUTTEN SH 40-19	GERALDTON SH 50-1	VALDOO SH 50-2
ZEEBEEK SH 40-4	DOUGARA SH 50-5	PERENORI SH 50-6



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

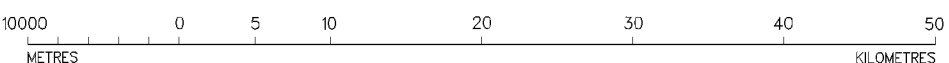


GOVERNMENT OF WESTERN AUSTRALIA
HON. NORMAN MACDOUGALL, M.L.C.
MINISTER FOR MINES



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

First Vertical Derivative of Bouguer Gravity Image

SECOND EDITION 1998
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WARNING: Inks are water soluble and will
fade with prolonged exposure to light