



-238

-389

-540

-692

-843

-994

Gravity units

Gravity unit

Contour value

Gravity station

Acquisition date

Acquired by

Nominal station spacing

Gravity meter

Gravity survey accuracy

Positioning

Horizontal accuracy

Vertical accuracy

June 1999

Geological Survey of Western Australia

4 km

LaCoste and Romberg G

1.5µms⁻²

Ashtech Z-12 dual frequency GPS

5 m

0.4 m

Data reduction by

Bouguer density

Terrain correction

Geoid datum

Height datum

Gridding software

Grid cell size

Contour interval

Image processing software

GSWA

2670 kgm⁻³

Not applied

WGS84

AHD

Intrepid 3.4

1500 m

10µms⁻²

ER Mapper 5.5

Project geophysicist

Processing

Map compilation

S. Shevchenko

S. Shevchenko

J. H. Watt

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/gravimetry

Recommended Reference is: GEOLOGICAL SURVEY OF WESTERN AUSTRALIA, 1999, Stanley, W.A.: Western Australia Geological Survey, 1:250 000 Bouguer Gravity Image



BULLEN SG 51-1	TRAINOR SG 51-2	MADLEY SG 51-3
NABBERU SG 51-5	STANLEY SG 51-6	HERBERT SG 51-7
WILUNA SG 51-9	KINGSTON SG 51-10	ROBERT SG 51-11

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DEPARTMENT OF MINERALS
AND ENERGY
L.C. RANFORD, DIRECTOR GENERAL



AGSO
AUSTRALIAN
GEOSCIENCE
ORGANISATION



GEOLOGICAL SURVEY OF
WESTERN AUSTRALIA
DAVID BLIGHT, DIRECTOR

NGMA
PRODUCT OF THE NATIONAL
GEOSCIENCE MAPPING ACCORD

Scale 1:250 000

0 5 10 15 20 25
Kilometres

TRANSVERSE MERCATOR PROJECTION
HORIZONTAL DATUM: WORLD GEODETIC SPHEROID 1984
Grid lines indicate 20 000 metre interval of the Map Grid Australia Zone 51



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

BOUGUER GRAVITY
STANLEY
SHEET SG 51-6

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