



Gravity unit
Contour value
Gravity station

1µms⁻²
-200
□

Acquisition date: April 1999
Acquired by: Geological Survey of Western Australia
Nominal station spacing: 4 km
Gravity meter: LaCoste and Romberg G
Gravity survey accuracy: 1.9µms⁻²
Positioning: Ashtech Z-12 dual frequency GPS
Horizontal accuracy: 5 m
Vertical accuracy: 0.6m

Data reduction by: GSWA
Bouguer density: 2670 kgm⁻³
Terrain correction: Not applied
Geoidetic datum: WGS84
Height datum: AHD
Gridding software: Intrepid 3.4
Grid cell size: 1500m
Contour interval: 10 µms⁻²
Image processing software: ER Mapper 5.5

Project geophysicist: S. Shevchenko
Processing: S. Shevchenko
Map compilation: 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, Kingston, W.A.: Western Australia Geological Survey, 1:250 000 Bouguer Gravity Image



NABBERU SG 51-5	STANLEY SG 51-6	HERBERT SG 51-7
WILUNA SG 51-9	KINGSTON SG 51-10	ROBERT SG 51-11
SIR SAMUEL SG 51-13	DIKETON SG 51-14	THROSSSELL SG 51-15

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



GOVERNMENT OF WESTERN AUSTRALIA
MINISTER FOR MINES



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



NGMA
PRODUCT OF THE NATIONAL GEOSCIENCE MAPPING ACCORD
GEOLOGICAL SURVEY OF WESTERN AUSTRALIA
DAVID BLIGHT, DIRECTOR



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 1984 (GDA84).
GDA84 is compatible within one metre of the Global Positioning System (GPS) satellite datum WGS84

GEOLOGICAL SURVEY OF WESTERN AUSTRALIA

BOUGUER GRAVITY
KINGSTON
SHEET SG 51-10

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