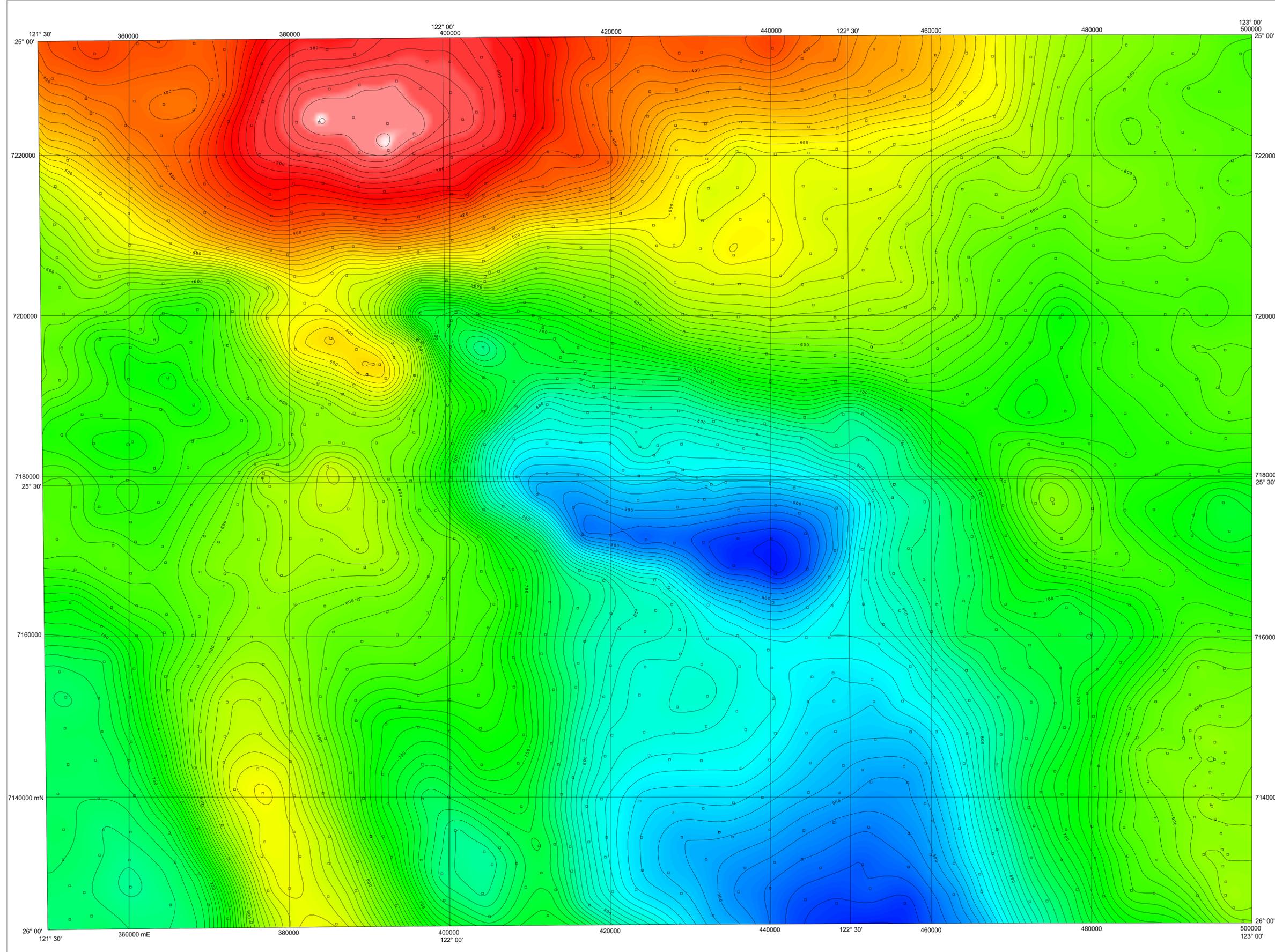


STANLEY
GEOLOGICAL SURVEY OF WESTERN AUSTRALIA

1:250 000 BOUGUER GRAVITY

SHEET SG 51-6



Gravity units

-238
-389
-540
-692
-843
-994

Gravity unit
Contour value
Gravity station

1µms⁻²
-200
□

Acquisition date: June 1999
 Acquired by: Geological Survey of Western Australia
 Nominal station spacing: 4 km
 Gravity meter: LaCoste and Romberg G
 Gravity survey accuracy: 1.5µms⁻²
 Positioning: Ashtech Z-12 dual frequency GPS
 Horizontal accuracy: 5 m
 Vertical accuracy: 0.4 m

Data reduction by: GSWA
 Bouguer density: 2670 kgm⁻³
 Terrain correction: Not applied
 Geoidic datum: WGS84
 Height datum: AHD
 Gridding software: Intrepid 3.4
 Grid cell size: 1500 m
 Contour interval: 10µms⁻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, 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

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



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



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



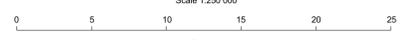
AGSO
AUSTRALIAN GEOSCIENCE ORGANISATION



GEOLOGICAL SURVEY OF WESTERN AUSTRALIA
DAVID BLIGHT, DIRECTOR

NGMA
PRODUCT OF THE NATIONAL GEOSCIENCE MAPPING ACCORD

Scale 1:250 000



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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