

Bouguer gravity  
— contours.

SIR SAMUEL

G 5 1 - 1 3



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## DATA SOURCES

*The data used to prepare this map were obtained from surveys carried out by AGSO, Geological Survey of Western Australia and private companies. All data are held in principal facts form and will be released in the AGSO National Gravity Database in late 1993. The principal facts for this Special map are available on disc for purchase from AGSO and GSWA. Gravity data compiled and edited by A.S.Murray and J.W.Williams.*

## DATA PROCESSING AND PRESENTATION

Gravity Datum	1984 Australian land, depth and scale, Compatible with IGSN71 (see GUM Report 201 - Gravity Base Station Network Values, Australia (1985)).
Normal Gravity	Geoidic Reference System 1987 (GRS87)
Bouguer Density	2.67 t/m <sup>3</sup>
Terrain Corrections	No terrain corrections have been applied
Gravity Stations	Are indicated by small squares
Contour Interval	10 $\mu\text{m}^2$ /heavy lines at 20 and 100 $\mu\text{m}^2$ (10 $\mu\text{m}^2 = 100\text{Nkg} = \text{mGal}$ )
Contour Accuracy	$\pm 5 \mu\text{m}^2$ at observation points
Contours	The contours are computer generated from 1 kilometre grid values derived from the observations. Contours are not however marked where several closely spaced values have been averaged during the grid- pointing.

BOUGUER GRAVITY ANOMALIES  
CONTOURS

SCALE 1 : 250 000



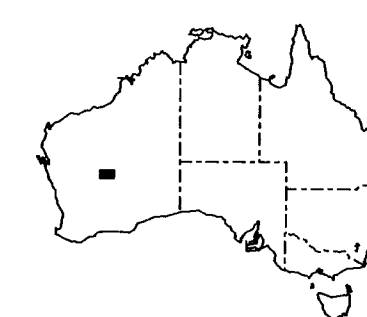
TRANSVERSE MERCATOR PROJECTION Zone 51 - Central Meridian 123° 0' East  
AUSTRALIAN NATIONAL SPHEROID

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LEGEND

<del>220</del>	Contour value
H256	Anomaly high
L-73	Anomaly low
□	Gravity station



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*The fill-in survey 9310 on this map has been a co-operative project between the Australian Geological Survey Organisation (AGSO) and the Geological Survey of Western Australia (GSWA) as part of the National Geoscience Mapping Accord. Gravity measurements for this survey were made by H.G.Reith (AGSO) and D.Reid (GSWA).*