

**GEOPHYSICAL MAPPING  
GRAVIMETRY GROUP**

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COMPUTED 1994/01/04

**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 (seal datum and scale. Compatible with IGSN71 (see BMR Report 281 Gravity Base Station Network Values, Australia (1985).)


Normal Gravity Geodetic Reference System 1987 (GRS87)

Elevation Datum Australian Height Datum

Bouguer Density 2.67 t/m<sup>3</sup>

Terrain Corrections No terrain corrections have been applied

Gravity Stations Are identified by a four digit survey number followed by a four or six figure station number. On the map the survey numbers are replaced by the letter(s) shown in the Survey Key (eg K0208-6735.0208).



**BOUGUER GRAVITY ANOMALIES  
STATION LOCATIONS**

SCALE 1 : 250 000

KILOMETRES

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

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**LEGEND**

+ K0208 Station key (see below)

-23.4 Bouguer anomaly (  $\mu\text{m}^2$  )

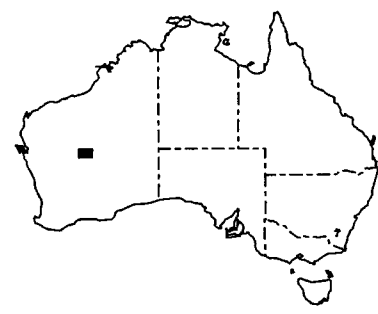
567 Height (metres)

**SURVEY KEY**

- \* 5099
- W 6205
- I 6401
- V 7100
- X 7102
- SS 9310
- WL 9311

**INDEX TO ADJOINING  
1:250000 MAP AREAS**

PEAK HILL 650-8	NABBERU 651-5	STANLEY 651-6
GLENGARRY 650-12	<b>WILUNA 651-9</b>	KINGSTON 651-10
SANDSTONE 650-16	SIR SAMUEL 651-13	DUKETON 651-14



**WILUNA  
WESTERN AUSTRALIA  
SHEET 651-9**

The fill-in survey 9311 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).