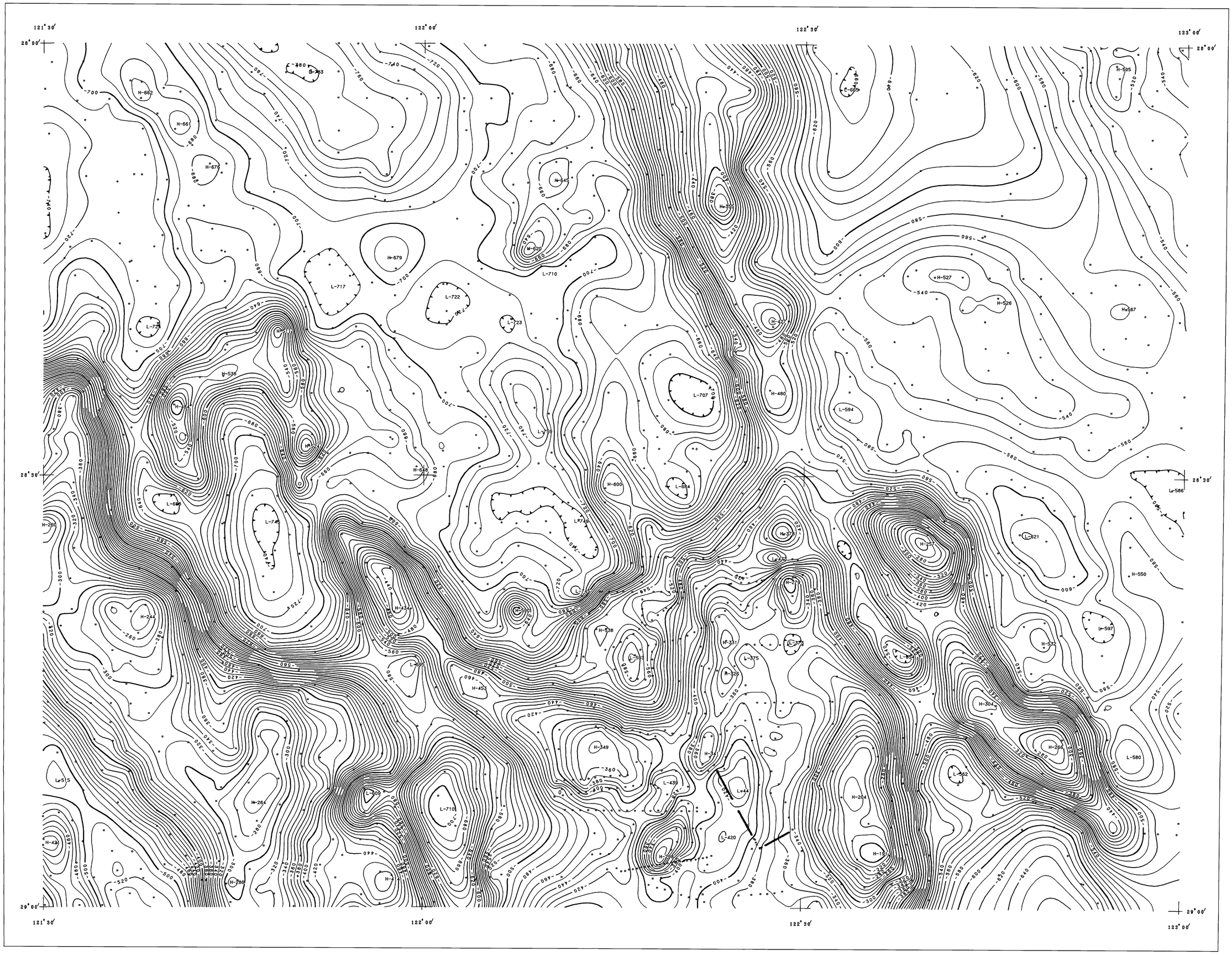
SCALE 1 : 250 000

LAVERTON

H51-2



AGSO
AUSTRALIAN GEOLOGICAL SURVEY ORGANISATION

GEOPHYSICAL MAPPING
GRAVIMETRY GROUP

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COMPUTED 1993/03/24

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 isogal datum and scale. Compatible with IGSN71 (see BMR Report 261 - Gravity Base Station Network Values, Australia (1985).)*
Normal Gravity	*Geodetic Reference System 1967 (GRS67)*
Bouguer Density	*2.67 tm^{-3}*
Terrain Corrections	*No terrain corrections have been applied*
Gravity Stations	*Are indicated by small squares*
Contour Interval	*10 μms^{-2} (heavy lines at 20 and 100 μms^{-2}) ($10\mu ms^{-2}$ = $1\mu N/kg$ = $1mGal$)*
Contour Accuracy	*±5 μms^{-2} at observation points*
Contours	*The contours are computer generated from 1 kilometre grid values derived from the observations. Contours may not honour marked values where several close stations have been averaged during the gridding.*

BOUGUER GRAVITY ANOMALIES
CONTOURS

SCALE 1 : 250 000

KILOMETRES

0 5 10 15 20 25 30

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

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LEGEND

—200—	*Contour value*
H256	*Anomaly high*
L-73	*Anomaly low*
▫	*Gravity station*

INDEX TO ADJOINING 1:250000 MAP AREAS

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LEONORA H51-1	LAVERTON H51-2	BASON H51-3
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The fill-in survey 9204 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 and J.H.Watt (GSWA).

LAVERTON
WESTERN AUSTRALIA
SHEET H51-2