

NATIONAL MEASUREMENT ACT 1960

DETERMINATION BY THE NATIONAL STANDARDS COMMISSION

Recognized-Value Standard of Measurement
of Acceleration due to Gravity

In pursuance of paragraph 8A(1) (a) and (b) of the National Measurement Act 1960, the National Standards Commission hereby determines that the acceleration in vacuum of a body due to the gravitational attraction of the earth at the locations specified in the report 207, entitled Australian Gravity Network Adjustment 1975, of the Bureau of Mineral Resources Geology and Geophysics, shall be a recognized-value standard of measurement, the magnitude of the acceleration in m.s^{-2} being the value in milligals specified for those locations in that Report multiplied by 10^{-5} .

For the purposes of the Determination the chance is not more than one in one hundred that the magnitude of the acceleration so ascertained differs from the true magnitude by more than $0.000\ 01\ \text{m.s}^{-2}$.

Dated this 21st day of March 1985

The COMMON SEAL OF THE NATIONAL
STANDARDS COMMISSION was hereto
affixed by authority of the
Commission in the presence of

T.J. PETRY