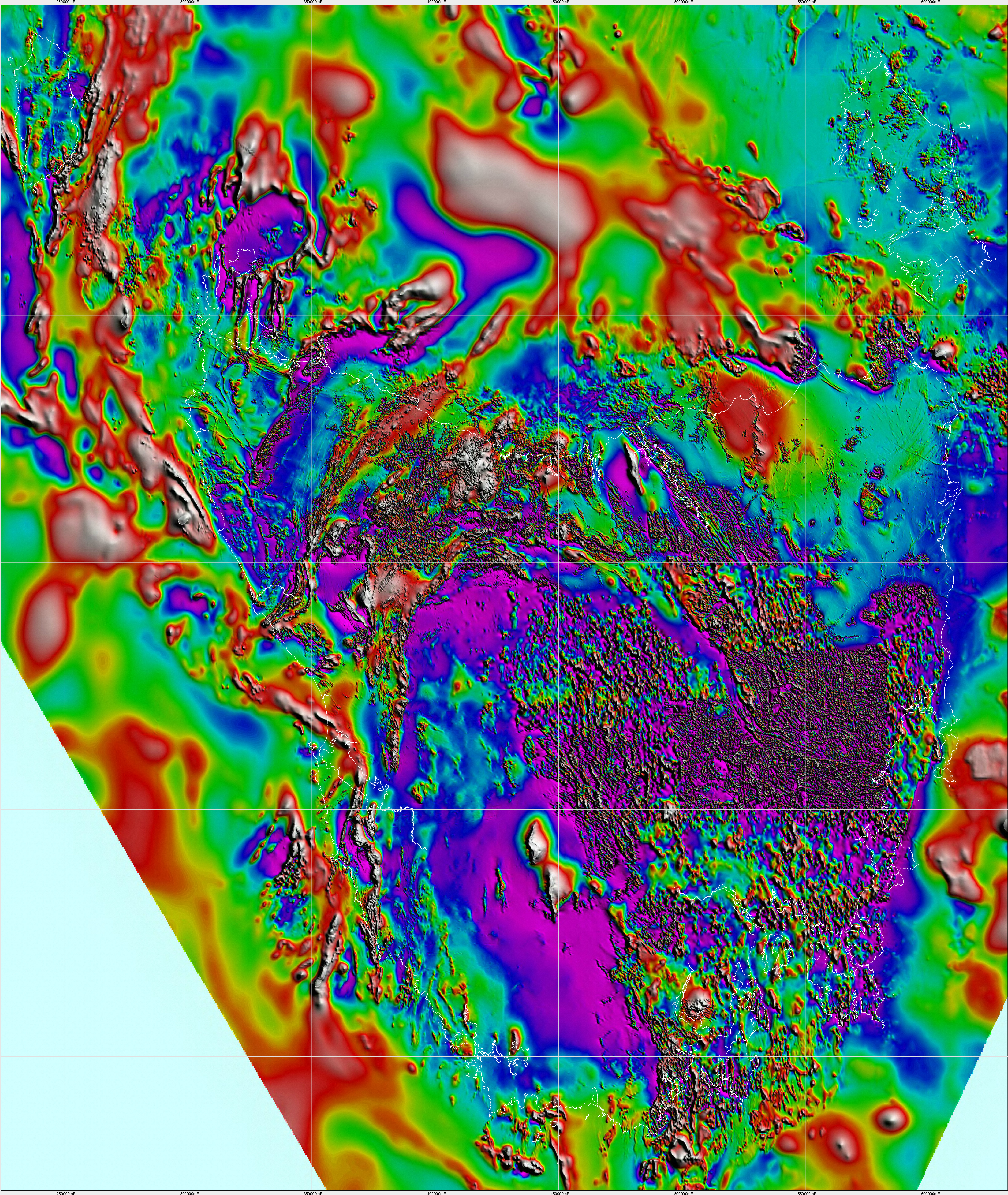




# TASMANIA - TOTAL MAGNETIC INTENSITY

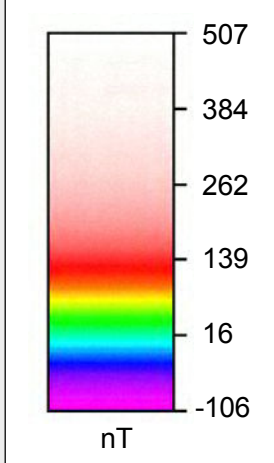


## Data Specifications

This map was compiled from various Total Magnetic Intensity airborne surveys, flown between 1957 and 2013, with line spacings varying between 50m and 1500m. The data from individual surveys are available from Mineral Resources Tasmania or Geoscience Australia. A composite digital grid of both onshore and offshore TMI data is available from the Australian Government's Geoscience Portal.

The digital point located data for the individual surveys were levelled where necessary and gridded using a bi-cubic spline technique. The final grid was compiled by minimising differences in overlapping sections of adjoining surveys. The final grid was generated with a mesh size of 100m.

Pixel colours were chosen from a rainbow palette (white high, magenta low) using histogram equalisation. Gradient enhancement was achieved using the ER Mapper sunangle glyph to simulate illumination from the northeast.



## Department of State Growth MINERAL RESOURCES TASMANIA

Scale 1:500 000

0 10 20 30 40 50 KM

GDA94 - MGA Zone 55



## Acknowledgements

The airborne geophysical data used in the production of this map were acquired by Mineral Resources Tasmania (MRT), Geoscience Australia (GA) and exploration companies.

This compilation benefitted from input provided by the scientific and technical staff of both MRT and GA.

Levelling and grid compilation: R.G. Richardson and M.L. Duffett.  
Image production: M.L. Duffett and R.G. Richardson.

Map produced by the Spatial Information Services Section of Mineral Resources Tasmania.

## Refer to this map as:

Duffett, M.L. and Richardson, R.G. (comp.) September 2014.  
Tasmania - Total Magnetic Intensity Scale 1:500 000.  
Mineral Resources Tasmania.

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