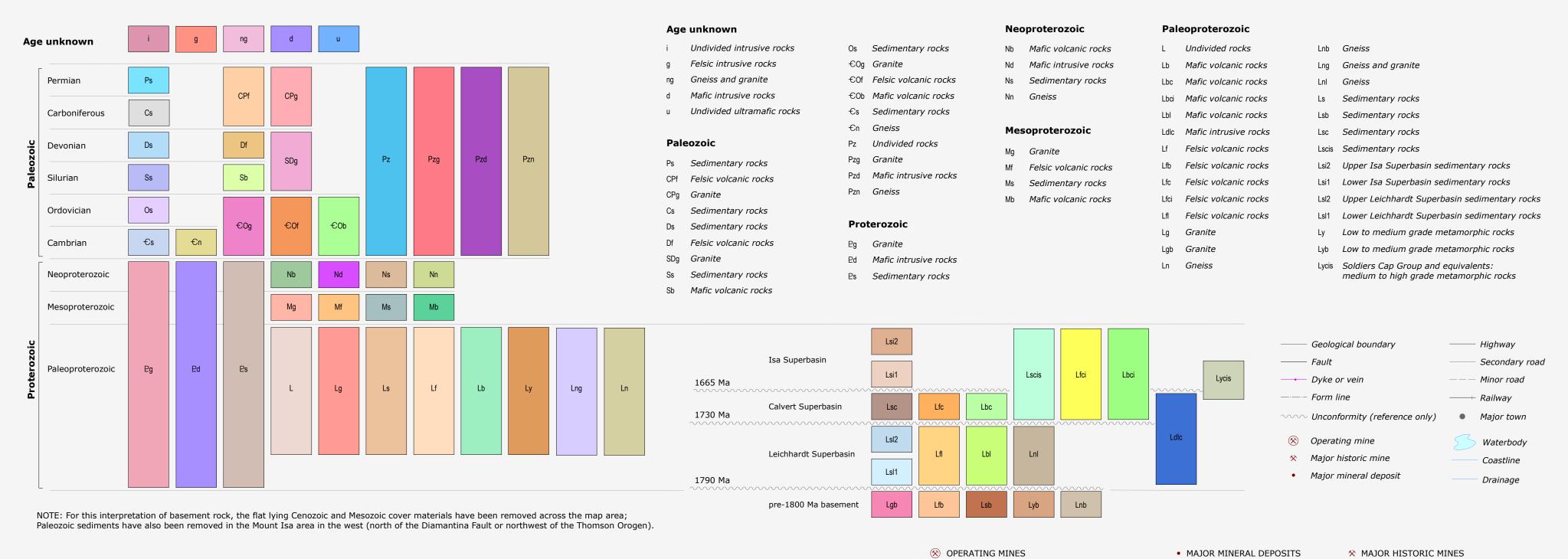
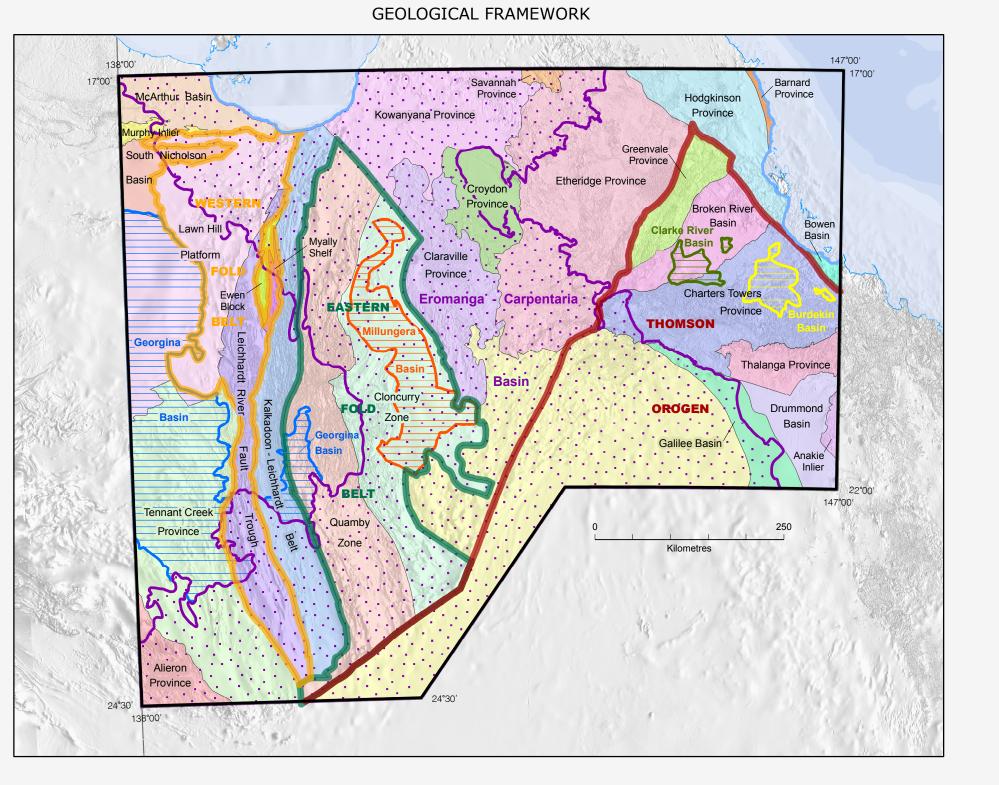
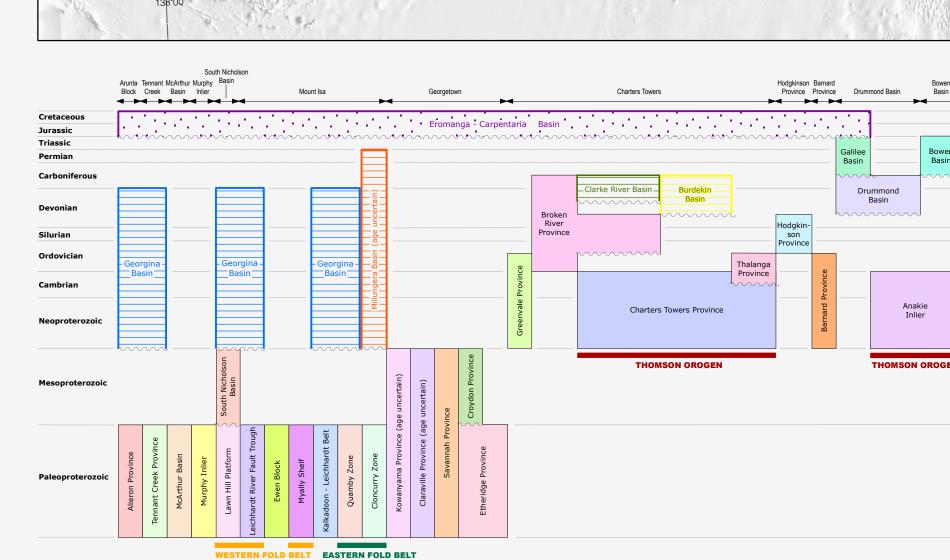


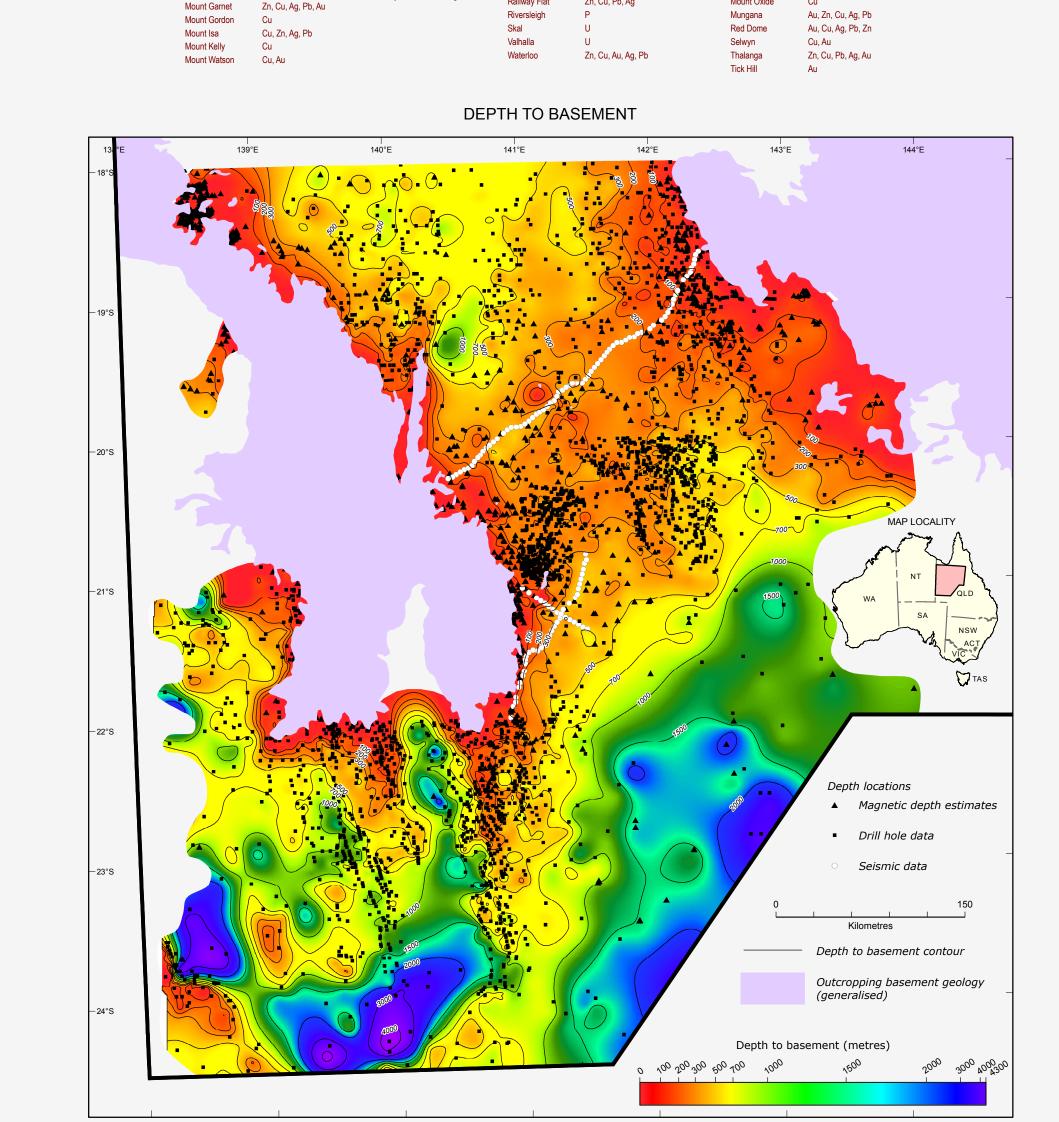
## **Basement Geology of Northern Queensland**

25 0 25 50 75 100 125 150 Kilometres Transverse Mercator Projection, Zones 54 and 55; Central Meridian 144°E; Geocentric Datum of Australia 1994 (GDA94)





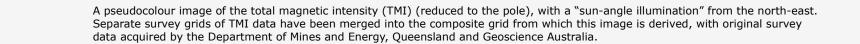




The depth to basement image was constructed from Naudy magnetic depth estimates generated from airborne magnetic profile data, 2D modelling from profiles extracted from magnetic grids and published magnetic depth estimates. Drill hole data and interpretations of seismic data were incorporated to provide further constraints. A more detailed version is available - refer to GeoCat No. 69234

**BOUGUER GRAVITY** 

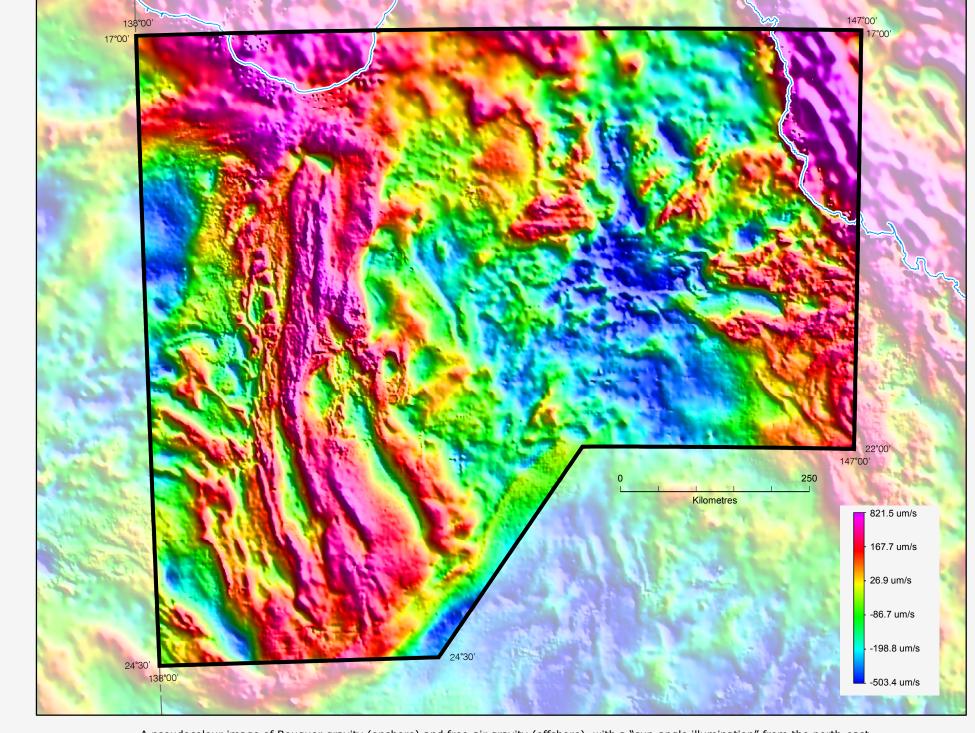
TOTAL MAGNETIC INTENSITY



by interpretation of aeromagnetic and gravity data

with interpretation of gravity, scarce bore hole and outcrop data

Geological interpretation largely based on aeromagnetic data, complemented



A pseudocolour image of Bouguer gravity (onshore) and free-air gravity (offshore), with a "sun-angle illumination" from the north-east. Original survey data acquired by the Department of Mines and Energy, Queensland and Geoscience Australia, and reside in the National Gravity Database, Geoscience Australia.



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