

The **West Musgrave Province 3D, 2013**: 3D Geomodel Series product contains 3D and 2D geoscientific data. The 3D model was generated by geophysically constrained forward models of several profiles. The result is available as a SKUA model and can be viewed in Geoscience ANALYST.

Major constraints on the model include: interpreted deep-crustal active seismic line 11GA-YO1; magnetic and gravity imagery; magnetotelluric profiles; and interpreted bedrock geology maps at 1:500 000, 1:250 000 and 1:100 000 scales from Western Australia, the Northern Territory and South Australia, respectively.

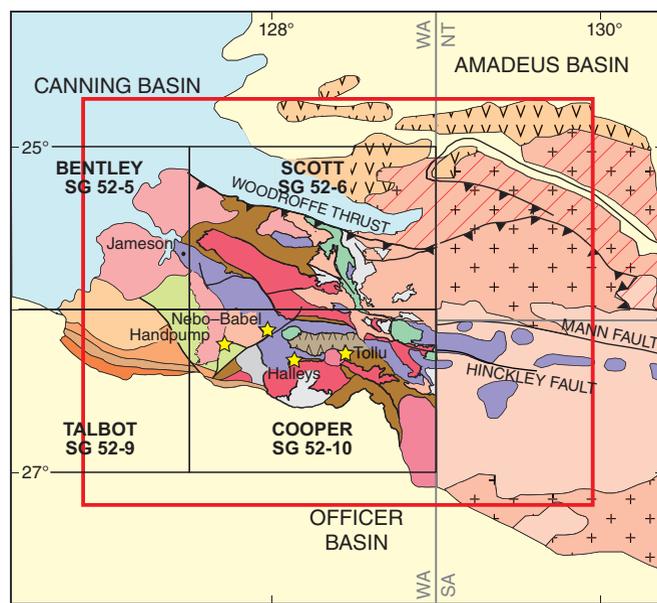
The model was initially constructed in 2013 by ARA Aitken at the Centre for Exploration Targeting at The University of Western Australia to accompany GSWA Report 114. The project was funded by the Exploration Incentive Scheme (EIS) and the combined datasets were released in September 2020 by the Geological Survey of Western Australia.

Important information for customers

Data in this product are formatted for display in the 3D viewing software Geoscience ANALYST, which can be downloaded from Mira Geoscience www.mirageoscience.com.

This software runs as a 64-bit application in the Microsoft Windows 7, 8 or 10 environment only. A modern graphics card or processor that supports at least OpenGL 2.0 are need to run this software. Graphics card drivers should be updated to the latest versions available for your computer. At least 4GB of RAM is recommended for efficient operation.

Geoscience ANALYST is the property of Mira Geoscience Ltd. Further information and technical support are available at www.mirageoscience.com.



Datasets featured:

- Reflection seismic
- Interpreted geology
- Magnetotelluric data
- Bouguer gravity grids
- RTP magnetic grids
- 2D geology sections
- Topography

Project area

Exploration
Incentive
Scheme

Download from: www.dmp.wa.gov.au/datacentre

Statewide spatial datasets - [GDA1994]			
3D geology			
West Musgrave Province 3D, 2013			
Last Updated	Size	File Format	
29/09/2020	349.30 MB	Geoscience Analyst	Download
29/09/2020	236.97 MB	GOCAD	Download

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