



The **Eastern Yilgarn Craton 3D, 2019**: 3D Geomodel Series product contains 3D and 2D geoscientific data. Major constraints on the model include: interpreted deep-crustal active seismic lines 01ASG-NY01, 01ASG-NY03 and 12GA-T1; magnetotelluric (MT) data and potential field inversions; magnetic and gravity imagery; Moho models; cored and logged wells (drillholes); and interpreted bedrock geology at 1:500 000, Phanerozoic cover, and tectonic units for the eastern Yilgarn Craton and northeastern Albany-Fraser Orogen. The result is available as a SKUA model and can be viewed in GeoscienceANALYST.

Datasets featured:
 Reflection seismic
 Magnetotelluric data
 Magnetic grids
 Gravity grids
 Potential field inversions
 Moho models
 Drillhole logs
 Interpreted geology

The model was initially constructed in 2019 by M Lindsay at the Centre for Exploration Targeting, The University of Western Australia, to accompany Minerals Research Institute of Western Australia (MRIWA) Report No. 476. The project was funded by the Exploration Incentive Scheme (EIS) and the combined datasets were released in November 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.mirageosience.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.mirageosience.com.

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

Statewide spatial datasets - [GDA1994]			
3D geology			
East Yilgarn Craton 3D, 2019			
Last Updated	Size	File Format	
11/11/2020	610.10 MB	Geoscience Analyst	Download
11/11/2020	621.37 MB	GOCAD	Download



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