



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](http://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](http://www.mirageosience.com).

Download from: [www.dmirs.wa.gov.au/datacentre](http://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	<a href="#">Download</a>
11/11/2020	621.37 MB	GOCAD	<a href="#">Download</a>



## East Yilgarn Craton 3D, 2019 — 3D Geomodel Series

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