



 Project area

The **Murchison 3D, 2019**: 3D Geomodel Series product contains both 3D and 2D geoscientific data from the northern Youanmi Terrane, Yilgarn Craton. The model is based on the 10GA-YU1, 10GA-YU2 and 10GA-YU3 seismic lines, geological mapping and interpretation of potential field data. In this release, the model is provided as a GOCAD model and a viewing file within Geoscience ANALYST 3D viewer. The combined datasets were released in 2020 by the Geological Survey of Western Australia.

Datasets featured:

3D block model

Faults

Geological surfaces

Geological volume surfaces

1:500 000-scale interpreted bedrock geology

1:100 000-scale geological sections

Geophysical data

- Gravity
- Magnetics
- Radiometrics

Geophysical profiles

- Seismic interpretations
- Density profiles
- Magnetotelluric profiles

Topography

Geochronology

Minesites

Stereonets

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.

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

Statewide spatial datasets			
3D geology			
Murchison 3D geology			
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x/x/2019	x MB	3D PDF	Download
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x/x/2019	x MB	Geoscience Analyst	Download

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