



The **3D geomodel of Western Australia, 2021** is an attempt to visualize the components of Earth's crust in Western Australia in 3D. The geomodel has been generated using the 1:2 500 000 major crustal boundaries of Western Australia, 2021 as the major input reference. These have been determined by considering geological mapping, aerial magnetic surveys, ground and aerial gravity surveys. Depth information is taken from deep crustal seismic reflection surveys, seismic refraction surveys and magnetotelluric surveys. The positional accuracy of these boundaries is low, due primarily to their crustal scale and uncertainties in interpreting the primary data sources, and consequently this map is best used at the nominal scale or smaller. Please view this 3D geomodel of Western Australia as a geologically constrained, albeit non-unique, interpretation of sparse geoscience data rather than a precise geolocated 3D map. The model is presented in Geoscience Australia Lambert Projection GDA 1994.

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 is needed 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 from Mira Geoscience <www.mirageosience.com>.

Download from <www.dmirs.wa.gov.au/datacentre>.

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3D geology			
3D geomodel of Western Australia, 2021			
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