



Area not covered by existing GIS data packages

1:100 000 State interpreted bedrock geology of Western Australia

Interpreted bedrock geology at 1:100 000 scale has been constructed as a digital map mosaic over Western Australia with partial to full coverage for the following regions:

- East Albany – Fraser Orogen
- East Capricorn (Nabberu)
- East Yilgarn
- Fortescue–Hamersley
- Kimberley
- Pilbara
- Tanami
- Western Capricorn
- West Arunta
- West Musgrave
- West Yilgarn

The interpreted bedrock geology underpins, or is extracted from, published 1:100 000 Geological Series maps and Geological Information Series digital packages. This is a statewide compilation of all available 1:100 000-scale interpreted bedrock geology. The coverage is updated incrementally as new mapping and bedrock geology interpretation at 1:100 000 scale are completed*.

The 1:100 000 interpreted bedrock geology is a set of intelligent spatial layers, comprising:

- interpreted bedrock geology (polygons)
- interpreted bedrock geology lines (e.g. banded iron-formation, quartz veins, dolerite dykes)
- interpreted linear structures (e.g. faults and folds)

The nomenclature and hierarchy for the lithostratigraphic units in the polygon and line layers are based on weekly updates from the Explanatory Notes System (ENS).

Note: *First release of the data in this format was June 2018. The spatial data are updated approximately every six months.

<https://dasc.dmirs.wa.gov.au>

Statewide spatial datasets - [GDA1994]

Geology

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Last Updated	Size	File Format	
27/05/2022	147.59 MB	ESRI Shape File (with QGIS file)	Download
27/05/2022	81.18 MB	ESRI File Geodatabase	Download
27/05/2022	94.46 MB	MapInfo TAB	Download

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Free (online): Go to the Data and Software Centre (<https://dasc.dmirs.wa.gov.au>) > Statewide Spatial Datasets > Geology > 1:100 000 State interpreted bedrock geology of Western Australia



Government of Western Australia
Department of Mines, Industry Regulation
and Safety

Geological Survey of
Western Australia

