



\_D-WAD Depositional unit  
 \_R-WAD Residual or relict unit  
 \_X-WAD Exposed unit

## 1:100 000 regolith geology regimes of Western Australia, 2022

The 1:100 000 regolith geology regimes of Western Australia, 2022 digital data layer is a compilation of existing Geological Survey of Western Australia (GSWA) regolith and surface geology maps and new regolith interpretation using radiometric KTU imagery. This updated release incorporates all regolith coverage available at 1:100 000 scale and uses a revised regolith classification scheme. Regolith geology from 1:100 000- and 1:250 000-scale maps has been compiled to produce a seamless digital regolith coverage. The updated map extent comprises the area bounded by the coordinates 121°30'00"E to 126°00'00"E and 20°00'00"S to 25°00'00"S. The coding of regolith units in the layer follows GSWA's regolith classification scheme (GSWA, 2013) with the addition of a depositional regime unit (\_D-WAD). The suffix (-WAD) represents the physiographic Western Australia Division. Regolith units are assigned to three regolith regime codes: \_X-WAD, \_R-WAD and \_D-WAD. Areas of exposed bedrock outcrops are termed \_X-WAD. Residual or relict materials are termed \_R-WAD, representing residual regolith regime, including residual or relict deposits derived from in situ weathering of underlying rocks, and relict material of uncertain origin (transported and/or residual), which may include reworked regolith deposits. Areas of transported depositional regolith are termed \_D-WAD, comprising sediments derived from residual or erosional landforms, which includes colluvial, sheetwash, alluvial, lacustrine, sandplain, eolian and marine deposits. These data are held in GDA94.

### Q Datasets [GDA2020]

#### Statewide spatial datasets - [GDA2020]

##### Geology

##### 1:100 000 regolith geology regimes of Western Australia, 2021 - GDA2020

Last Updated	Size	File Format	
11/05/2022	424.26 MB	ESRI Shape File	<a href="#">Download</a>
11/05/2022	214.67 MB	ESRI File Geodatabase	<a href="#">Download</a>
11/05/2022	186.71 MB	MapInfo TAB	<a href="#">Download</a>

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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 regolith geology regimes of Western Australia, 2021



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

Geological Survey of  
Western Australia

