



SEA TO SCARP

Geology for land use planning in the northern Swan Coastal Plain, Lancelin to Geraldton

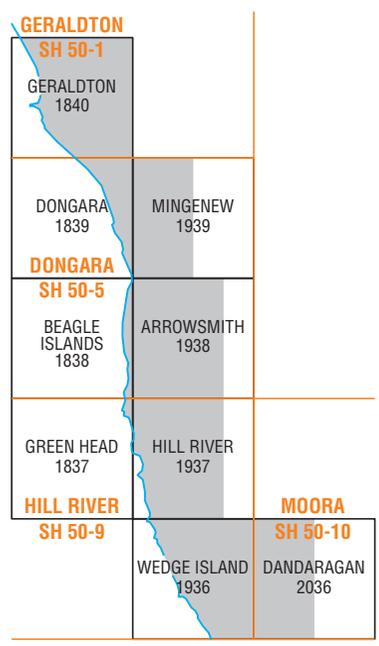


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Information in this product covers 9 1:100 000 map sheets.



Datasets featured:

Resource information

- Quarries and pits
- Limesand sample analyses
- Limestone sample analyses
- Sand and gravel sample analyses

Geology

- 1:100 000 regionally significant basic raw materials units
- 1:200 000 basic raw materials units
- Age of bedrock
- Bedrock geology
- Quaternary thickness
- 1:50 000 regolith–landform resources series map images
- 1:50 000 geology map images
- 1:50 000 geology mosaic image
- 1:100 000 geology map images
- 1:100 000 geology mosaic image
- 1:250 000 geology mosaic image
- 1:500 000 Cenozoic geology
- 1:500 000 interpreted bedrock geology
- 1:500 000 orogenic events
- 1:500 000 tectonic units
- 1:2 500 000 Cenozoic geology
- 1:2 500 000 interpreted bedrock geology

Physiography

- 5 m contours derived from high-resolution digital elevation model (DEM)
- 20 m contours derived from Shuttle Radar Topography Mission (SRTM)
- Extent of northern Swan Coastal Plain
- Physiographic regions
- Slope Categories

Hazards

- Area of prominent karstic features
- Location of karstic features
- Geological indicators of flooding

Groundwater

- Depth to groundwater
- Extent of nitrogen and sulphate contamination

- Groundwater recharge and discharge areas
- Location and type of point sources of pollution
- Salinity at the top of superficial aquifers
- Vulnerability of groundwater to contamination

Land properties

- Permeability of surficial materials
- Unified Soil Classification of surficial materials

Geological Conservation

- Geoheritage sites — lines
- Geoheritage sites — polygons

Mineralization and exploration

- Mines and mineral deposits (MINEDEX)
- Titanium–zircon mineralization
- Coal fields
- Dimension Stone

Administrative data

- Local Government Authority boundaries

Topography

Remotely sensed information

- High-resolution shaded relief
- Landsat Thematic Mapper (TM)
- Digital elevation model from Shuttle Radar Topography Mission (SRTM)

Product notes

- 1:100 000 geology layers are by default visible below 1:500 000 scale. If you wish to change this, right click on layer, choose properties, and change the maximum scale
- 1:200 000 geology layers are by default visible below 1:750 000 scale. If you wish to change this, right click on layer, choose properties, and change the maximum scale

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Product available from First Floor counter, Mineral House, 100 Plain St, East Perth, WA 6004, AUSTRALIA. Or ordered through: www.dmp.wa.gov.au/ebookshop

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