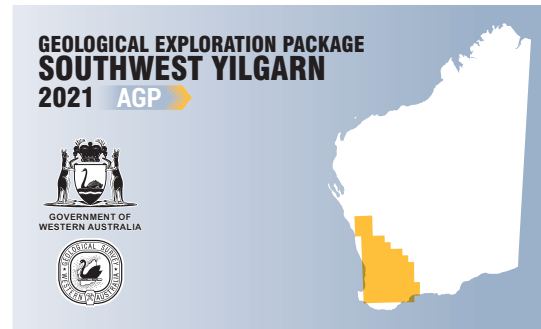
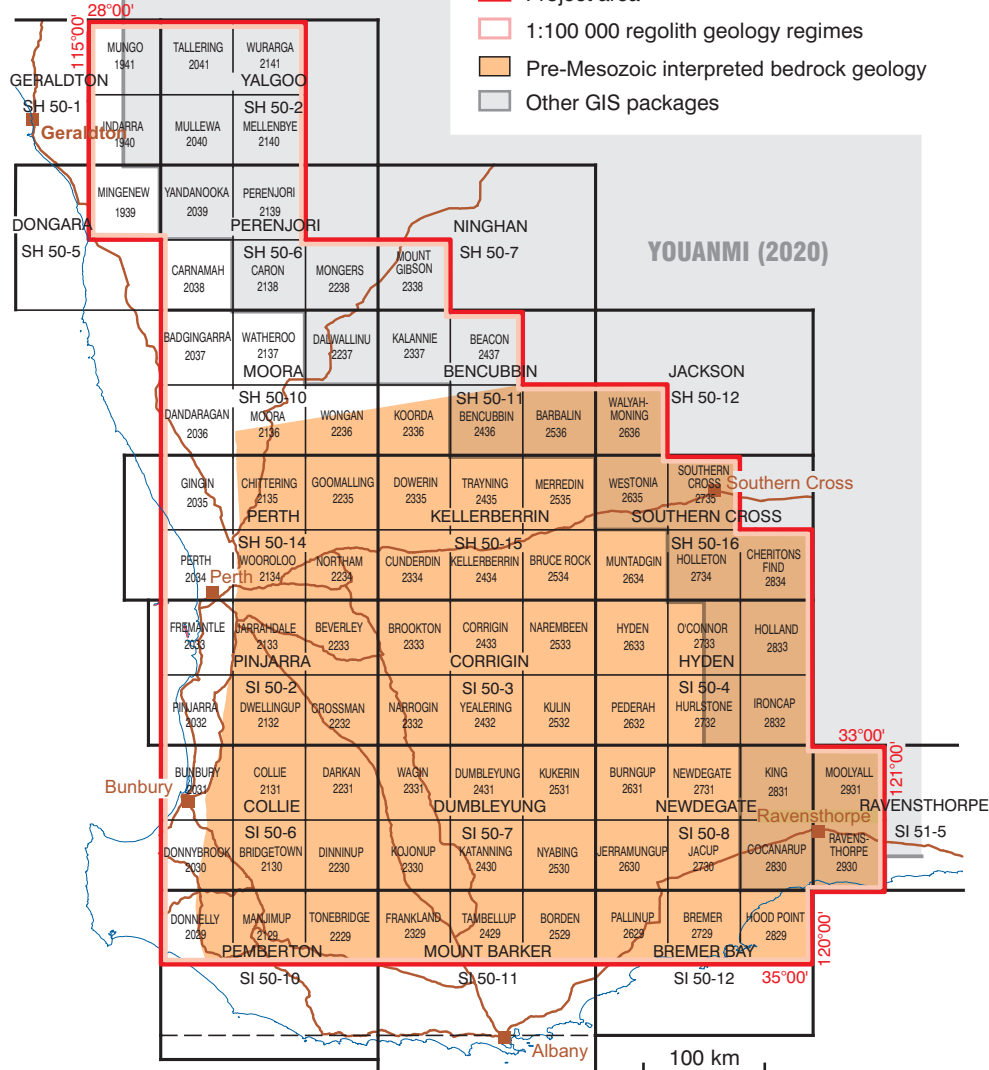


Information in this product covers
89 × 1:100 000 Geological Series map sheets:

Data layers:

- Project area
- 1:100 000 regolith geology regimes
- Pre-Mesozoic interpreted bedrock geology
- Other GIS packages



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AGP Accelerated Geoscience Program



This package contains interactive spatial data viewable within GeoMap.WA. The data are organized, compiled and internally linked to databases provided within the package. The datasets can also be loaded into ArcMap and MapInfo projects, and can be accessed via Access Data.

Datasets included:

(*blue text* below has abstract on USB; *blue italics text* has layer source from elsewhere for this USB)

Geology

- 1:100 000 regolith geology regimes
- Pre-Mesozoic interpreted bedrock geology
- 1:100 000 geology mosaic image
- 1:250 000 geology mosaic image
- 1:500 000 regolith–landform geology
- 1:500 000 orogenic event
- 1:500 000 tectonic units
- *1:2 500 000 major crustal boundaries*
- Petrography sample sites and information
- GSWA field observation sites and information (WAROX)
- Geochemistry sample sites and information
- Geochronology sample sites and information
- Selected GSWA publications and maps (PDF)

- *Earthquakes 1940–2020 (GA)*
- *Faults, folds and other features related to large earthquakes during the Neotectonic Era (GA)*
- *Arid and semi-arid paleovalley systems (GA)*
- *Depth contour map of the Mohorovicic (Moho) discontinuity between the crust and mantle*

Geophysics

- Index to geophysical surveys (MAGIX)
- *Multi-scale edges have been generated from imagery*

- Gravity image
- Total magnetic intensity imagery
- Radiometric imagery
- Seismic survey stations and profiles
- Magnetotelluric survey stations and profiles

Mineralization and exploration

- Magnetotelluric survey stations and profiles
- Mineral exploration activities (EXACT and WAMEX)
- HyLogger drillholes
- Mining tenements (TENGRAPH)
- Mines and mineral deposits (MINEDEX)
- Diamond and related data
- Petroleum and mineral exploration drillholes
- *Maximum grade in-hole drilling data*
- *Mean soil sample geochemical data*

Topography

3D projects

- *Southwest Yilgarn Craton 3D, 2021*

Remotely sensed information

- Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER)
- Landsat Thematic Mapper (TM)
- Digital elevation model from Shuttle Radar Topography Mission (SRTM)

Southwest Yilgarn, 2021 — Geological Exploration Package

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