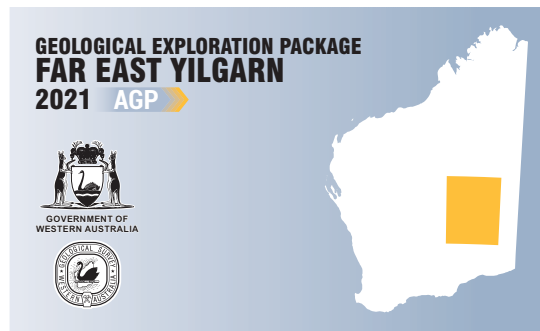


Information in this product covers  
90 × 1:100 000 Geological Series map sheets:

Data layers:

- Project area
- 1:100 000 regolith geology regimes
- 1:250 000 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 featured:

##### Geology

- Explanatory Notes System (ENS) digital database extract
- 1:100 000 regolith geology regimes
- 1:250 000 interpreted bedrock and basin geology
- 1:100 000 geology mosaic image
- 1:250 000 geology mosaic image
- 1:500 000 regolith–landform geology
- 1:500 000 orogenic events
- 1:500 000 tectonic units
- 1:2 500 000 major crustal boundaries
- East Wongatha regolith
- Petrography sample sites and information
- GSWA field observation sites and information (WAROX)
- Geochemistry sample sites and information
- Greenstone Geochemistry sample sites and information
- Geochronology sample sites and information
- McNaughton Legacy SHRIMP Mount Collection
- Zircon lutetium–hafnium isotope map of Western Australia
- Samarium–neodymium isotope map of Western Australia

- Selected GSWA publications and maps (PDF)
- SEEBASE depth to basement and related data
- Subsurface structure maps (two-way time, depth, isopach and two-way time thickness maps)
- 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
- Soil and Landscape Grid National Soil Attribute Maps – Depth of Regolith (3" resolution) – Release 2

##### Geophysics

- Index to geophysical surveys (MAGIX)
- Multi-scale edges have been generated from gravity and magnetics
- Gravity image
- Total magnetic intensity imagery
- Radiometric imagery
- Seismic survey stations and profiles
- Magnetotelluric survey stations and profiles

##### Mineralization and exploration

- Mineral exploration activities (EXACT and WAMEX)
- HyLogger drillholes
- Mining tenements (TENGRAPH)
- Mines and mineral deposits (MINEDEX)
- Selected mineralization sites (MINEDEX)
- Diamond and related data
- Petroleum and mineral exploration drillholes
- Alteration mineral occurrences categorized by their mineral associations (WAROX)
- Sulfide mineral occurrences (WAROX)
- Indicator geochemical data for gold-rich, porphyry Cu–Au–Mo and base metal VMS mineral systems
- Maximum grade in-hole drilling data
- Mean soil sample geochemical data

##### Topography

##### 3D projects

- Eastern Yilgarn Craton 3D, 2019
- Yilgarn Craton – Officer Basin – Musgrave Province 3D, 2013

##### Remotely sensed information

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

## Far East Yilgarn, 2021 — Geological Exploration Package

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