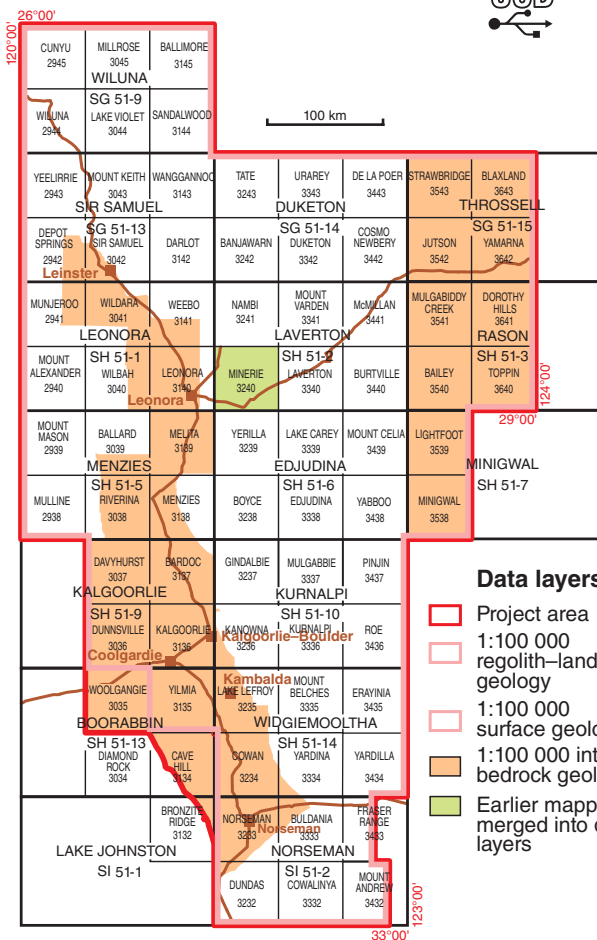


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### Data layers:

- Project area
- 1:100 000 regolith-landform geology
- 1:100 000 surface geology
- 1:100 000 interpreted bedrock geology
- Earlier mapping not merged into data layers

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

Information in this product covers the following 1:100 000 Geological Series map sheets:

BAILEY (3540)	MENZIES (3138)
BALLARD (3039)	MILLROSE (3045)
BALLIMORE (3145)	MINERIE (3240)
BANJAWARN (3242)	MINIGWAL (3538)
BARDOC (3137)	MOUNT ALEXANDER (2940)
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ERAYINIA (3435)	URAREY (3343)
FRASER RANGE (3433)*	WANGGANNOO (3143)
GINDALBIE (3237)	WEEBO (3141)
JUTSON (3542)	WILBAH (3040)
KALGOORLIE (3136)	WILDARA (3041)
KANOWNA (3236)	WILUNA (2944)
KURNALPI (3336)	WOOLGANGIE (3035)
LAKE CAREY (3339)	YABBOO (3438)
LAKE LEFFROY (3235)	YAMARNA (3642)
LAKE VIOLET (3044)	YARDILLA (3434)
LAVERTON (3340)	YARDINA (3334)
LEONORA (3140)	YEELIRRIE (2943)
LIGHTFOOT (3539)	YERILLA (3239)
McMILLAN (3441)	YILMIA (3135)
MELITA (3139)	

\* Part sheet only

### Datasets featured:

#### Geology

- Explanatory Notes System (ENS) digital database extract
- Explanatory Notes System (ENS) digital database extract
- 1:100 000 surface geology
- 1:100 000 interpreted bedrock geology
- 1:100 000 regolith-landform geology
- Diagrammatic geological cross-sections (PDF)
- 1:100 000 geology mosaic image
- 1:250 000 geology mosaic image
- 1:500 000 regolith-landform geology
- 1:500 000 regolith geology
- 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 major crustal boundaries
- East Wongatha regolith
- Metamorphic geology (Geoscience Australia)
- Aeromagnetic interpreted geology (Geoscience Australia)
- 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)
- 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 imagery
- Gravity image
- Total magnetic intensity imagery
- Total magnetic intensity contour maps
- 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
- Abandoned mine sites (WABMINES)
- Alteration mineral occurrences categorized by their mineral associations (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

#### Remotely sensed information

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

#### Publications

- GSWA Report 226 – Geology and mineralization potential of the Gerry Well greenstone belt
- GSWA 2022/9 – Notes for 2022 data release of Yilgarn granite geochemistry project
- GSWA Record 2022/8 – Notes for 2022 data release of greenstone geochemical barcoding project

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