

What's new pre 2023

Release date: 25 November 2022

Updated 1:500 000 tectonic units of Western Australia

Temporarily removed 1:500 000 orogenic events of onshore Western Australia, [pending a review of the data structure and recompilation to match](#) 1:500 000 tectonic units of Western Australia

Release date: 16 November 2022

Mineral Systems Atlas: Evaporite brine related potash system

Mineral Systems Atlas: Manganese system

Release date: 5 October 2022

Geochemistry: GSWA laterite geochemistry, 2022

Release date: 29 September 2022

Geology: Compilation of metamorphic history information

Release date: 15 July 2022

Mineral Systems Atlas: Primary data layers

New data layers include:

State regolith geology

Hydrogeochemistry--CSIRO WASANT

Geochemistry--OzChem WASANT

Hydrology--Catchments DWER Extended

Hydrology--Catchments NGSA

Hydrology--Lakes 1:250 000

Hydrology--Paleovalleys WASANT

Release date: 30 June 2022

Updated 1:100 000 State interpreted bedrock geology of Western Australia

Release date: 24 June 2022

Geochronology & Isotope Geology: Samarium–neodymium isotope map of Western Australia

Geochronology & Isotope Geology: Zircon lutetium–hafnium isotope map of Western Australia

Release date: 23 June 2022

Mineral information: HyLogger drillholes

Release date: 21 June 2022

Geochronology & Isotope Geology: Zircon oxygen isotope map of Western Australia

Release date: 25 May 2022

Mineral information: MINEDEX Resource Estimates by Project

Mineral information: MINEDEX Resource Estimates by Project – Gold

Mineral information: MINEDEX Site Operators - Resource Safety

Release date: 6 May 2022

Updated 1:100k regolith regimes of Western Australia

Release date: 3 May 2022

3D geology: Southwest Yilgarn, 2021: 3D Geomodel Series

Release date: September 2021

Geology: 1:10 000 000 tectonic units of Western Australia

Release date: September 2021

Mineral information: MINEDEX Layers for Atlas Map, Geoscience Australia, Industrial Minerals Map and Site Operators

Release date: August 2021

Geophysics: Public index of geophysical surveys in MAGIX database ([points, lines and polygons](#))

Release date: August 2021

Geophysics: Multi-scale edges ("worms") for Western Australia, 2020 ([Magnetics and Gravity](#))

Release date: 12 August 2021

Passive Seismic: Western Australian Moho, 2021

Release date: 24 July 2021

Accelerated Geoscience Program [layers available from the](#) Far East Yilgarn, 2021: Geological Exploration Package

Interpreted bedrock geology

Greenstone geochemistry

Multi-scale edges 'worms'

Neotectonic fault scarps

Earthquakes 1940-2020

Critical minerals: Gold, porphyry and VMS

Depth of weathering imagery

Moho imagery

Release date: 9 July 2021

Critical Minerals, 2021: Accelerated Geoscience Program

This data package consists of a series of zipfiles representing the eight data groups from the equivalent USB product (available for order via eBookshop). All Critical Minerals zipfiles cumulatively contain a combination of 261 vector, 17 raster, 10 grid, and 6 databases totalling at least 38 GB of uncompressed data.

Release date: 24 June 2021

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

Maximum grade in-hole drilling data

Mean soil sample geochemical data

SW Yilgarn Pre-Mesozoic interpreted bedrock geology

Release date: 28 February 2021

Yilgarn Craton – Officer Basin – Musgrave Province 3D geology

[Released in a variety of formats, including GOCAD and Geoscience ANALYST viewing software.](#)

Samarium-neodymium isotope.

Release date: 12 November 2020

3D geology: Eastern Yilgarn Craton 3D, 2019

[Released in a variety of formats, including GOCAD and Geoscience ANALYST viewing software.](#)

Release date: 30 September 2020

3D geology: Southern Perth Basin 3D, 2020

[Released in a variety of formats, including GOCAD and Geoscience ANALYST viewing software.](#)

Release date: 21 September 2020

Provision of Surveyors Digital Field notes and FORM44 Surveyors Report

[Released under Map services and resources/Surveying.](#)

Release date: 15 September 2020

Updated GSWA Code Builder software (version 1.2.0) includes revised stratigraphic codes.

Release date: 10 September 2020

3D geology: West Musgrave Province 3D, 2013

[Released in a variety of formats, including GOCAD and Geoscience ANALYST viewing software.](#)

Geochronology: McNaughton Legacy SHRIMP Mount Collection

[Released as part of the Accelerated Geoscience program.](#)

Release date: 7 September 2020

3D geology: Southwest Canning Basin - Broome Platform 3D, 2020

[Released in a variety of formats, including GOCAD and Geoscience ANALYST viewing software.](#)

Release date: 4 September 2020

Drillholes related to coal exploration in the Canning, Eucla, northern Perth and Southern Carnarvon Basins.

This layer is on the Drillholes related to coal exploration in the Canning, Eucla, northern Perth and Southern Carnarvon Basins 2020 USB product.

Release date: 1 July 2020

DMIRS Data and Software Centre upgraded to support GDA2020.
GeoMap.WA spatial data viewing software does not support GDA2020 (as of 1 July 2020), so GeoMap.WA project files are only supplied with various GDA94 data.

Release date: 30 June 2020

Geology: 1:500 000 State interpreted bedrock geology of Western Australia, 2020
This replaces the 1:500 000 State interpreted bedrock geology of Western Australia, 2016.

Release date: 17 April 2020

Updated GSWA Code Builder software (version 1.1.0) includes revised stratigraphic codes.

Release date: 21 February 2020

Geology: 1:500 000 State regolith geology of Western Australia, 2020
This provides complete map coverage of Western Australia, and replaces the 1:500 000 State regolith geology of northern Western Australia.

Release date: 14 February 2020

3D geology: Murchison 3D geology
Released in a variety of formats, including GOCAD and Geoscience ANALYST viewing software.

Release date: 10 January 2020

Due to very low demand for Microsoft DGN Files from the Department of Mines, Industry Regulation and Safety (DMIRS) Data and Software Centre, DMIRS will cease providing spatial data on the Data and Software Centre in DGN file format from 13 April 2020.

Release date: 3 October 2019

A number of ZIP file names have changed to conform to DMIRS naming convention. DMIRS will continue to support the original ZIP file names until 7 January 2020.

For shape file format downloads the following changes to the zip file name have occurred.

- 1:100 000 Digital data: 100K.zip updated to 100K_shp.zip
- 2D Seismic Surveys : Seismic_Surveys_2D.zip updated to Seismic_Surveys_2D_shp.zip
- 3D Seismic Survey Polygons : Seismic_Surveys_3D.zip updated to Seismic_Surveys_3D_shp.zip
- Abandoned Mines : wabmines.zip updated to wabmines_shp.zip
- Airborne geophysics Ground : Ground.zip updated to Ground_shp.zip
- Airborne geophysics Government : Government.zip updated to Government_shp.zip
- Airborne geophysics Progress : PROGRESS.zip updated to Progress_shp.zip
- Airborne geophysics Registered : REGISTERED.zip updated to Registered_shp.zip
- File Notation Areas : FILENOTATIONAREA.zip updated to FILENOTATIONAREA_shp.zip
- GSWA Geochemistry : StateGeoChem.zip updated to StateGeoChem_shp.zip
- GSWA Geochronology : GSWA_Geochron.zip updated to GSWA_Geochron_shp.zip
- Core Library Drillholes : Core_Library_Drillholes.zip updated to Core_Library_Drillholes_shp.zip
- Mineral Exploration drillholes (open File) : MineralExplorationDrillholes_Openfile.zip updated to MineralExplorationDrillholes_Openfile_shp.zip
- Mineral Exploration Reports (WAMEX Online) : Exploration_Reports.zip updated to Exploration_Reports_shp.zip
- Mines and Mineral Deposits (MINEDEX) : 100K.zip updated to 100K_shp.zip
- Petroleum Oil and Gas fields : OilGasFields.zip updated to OilGasFields_shp.zip
- Petroleum titles WAP Pipe : wappipe.zip updated to wappipe_shp.zip
- Petroleum titles WAP Release : wapRelease.zip updated to wapRelease_shp.zip
- Petroleum titles WAP SPAAO : wapspao.zip updated to wapspao_shp.zip
- Petroleum titles WAP Title : waptitle.zip updated to waptitle_shp.zip
- Petroleum titles WAP Applications : applications.zip updated to wapapplication_shp.zip
- Petroleum Wells : Petroleum_Wells.zip updated to Petroleum_Wells_shp.zip
- Section 57(2AA) : SEC57_2AA_MinZne.zip updated to SEC57_2AA_MinZne_shp.zip
- Section 57(4) : SEC57_4.zip updated to SEC57_4_shp.zip
- Section19 : SECTION19.zip updated to SECTION19_shp.zip

For MapInfo format downloads the following changes to the zip file name have occurred:

- Petroleum titles WAP Applications: applications_tab.zip updated to wapapplication_tab.zip

For KML format downloads the following changes to the zip file name have occurred:

• Petroleum titles WAP Applications: applications_kml.zip updated to wapapplication_kml.zip
For downloads of all formats of the following datasets name changes have occurred as stated below:

- GeneralClearanceArea_<format>.zip updated to GeneralClearanceAreas_<format>.zip
- TENM_PENDING_RELEASE_<format>.zip updated to Tenmements_Release_Pending_<format>.zip
- TENM_PENDING_RELEASE_<format>.zip updated to Tenmements_Release_Pending_<format>.zip
- TENM_AMALGAMATION_PENDING_<format>.zip updated to Tenmenents_Amalgamations_Pending_<format>.zip
- TENM_RESTORATION_PENDING_<format>.zip updated to Tenement_Restorations_Pending_<format>.zip

Release date: 8 July 2019

3D geology: Lawlers Anticline 3D geology

Released in a variety of formats, including Geoscience ANALYST viewing software.

Release date: 12 April 2019

For shapefile format downloads the following changes to the zipfile name has occurred

- Minedex (shapefile): Minedex.zip updated to Minedex_shp.zip
- Abandoned Mines (shapefile): wabmines.shp updated to wabmines_shp.zip

For downloads of all formats of Major Resource Projects and Operating Mines the following name changes have occurred

- MajResProj.zip and MajResProj_<format>.zip updated to Major_Resource_Projects_<format>.zip
- OperatingMines.zip and OperatingMines_<format>.zip updated to Operating_Mines_<format>.zip

Release date: 25 March 2019

3D geology: East Albany-Fraser Orogen 3D geology

Released in a variety of formats, including Geoscience ANALYST viewing software.

Release date: 20 February 2019

1:500 000 State regolith geology of northern Western Australia

Released in Esri Geodatabase, Esri Shapefile (with QGIS layer file) and MapInfo file formats.

Mineral Systems Atlas - Primary data layers, Komatiite Hosted Nickel and Iron Formation layers

Released in Esri Geodatabase, Esri Shapefile and MapInfo file formats.

Release date: 9 September 2018

WA Geoscience Web Map Service updated to include the 1:100 000 State interpreted bedrock geology of Western Australia layers. To accommodate for the addition of these layers it will be necessary to re-add the map service URL to reflect the new 1:100 000 layers and layer id changes.

Release date: 18 July 2018

Updated MRT software (version 1.4.3) now includes template and examples files as part of the installation of the software.

Release date: 29 June 2018

1:100 000 State interpreted bedrock geology of Western Australia

Released in ESRI and MapInfo file formats.

Release date: 26 June 2018

3D geology: Merlinleigh Sub-basin 3D geology

Released in a variety of formats, including Geoscience ANALYST viewing software.

Release date: 15 June 2018

3D geology: Mount Brockman Syncline (Hamersley Basin) 3D geology

Released in a variety of formats, including Geoscience ANALYST viewing software.

Release date: 3 May 2018

New 1:500 000 Orogenic Events of Western Australia, 2018

Released for download in ESRI and MapInfo formats.

Release date: 5 February 2018

Release of GeoMap.WA (1.9.14.0)

This release includes a number of enhancements:

- Ability to create an Esri shapefile
- Updated look and feel
- Updated user manual

Release date: 3 January 2018

Name changes to all ZIP files associated with Tenements - Current (Live and Pending):

- tenement_csv.zip renamed to CurrentTenements_csv.zip
- tenements_dgn.zip renamed to CurrentTenements_dgn.zip
- tenements_gdb.zip renamed to CurrentTenements_gdb.zip
- tenements_kml.zip renamed to CurrentTenements_kml.zip
- tenement.zip renamed to CurrentTenement_shp.zip
- tenements_tab.zip renamed to CurrentTenements_tab.tab
- tenements_xls.zip renamed to CurrentTenements_xls.zip

Release date: 30 June 2017

1:500 000 Tectonic units of Western Australia, 2017

Released for download in ESRI, MapInfo and KML formats.

Release date: 10 March 2017

1:250,000 Geological series maps

Released as geo-referenced images in GDA1994 Latitude/Longitude and MGA1994 coordinates.

Release date: 3 March 2017

1:100,000 Geological series maps

Released as geo-referenced images in GDA1994 Latitude/Longitude and MGA1994 coordinates.

Release date: 10 March 2017

The following 1:50,000 Geological series maps

Released as geo-referenced images in GDA1994 Latitude/Longitude and MGA1994 coordinates.

Ajana (1842-III)

Hutt (1841-IV)

Mongeragarry (1841-I)

Nason (1840-I)

Naraling (1841-II)

Northampton (1841-III)

Pencell (1842-II)

Wokatherra (1840-IV)

Release date: 21 February 2017

New DMIRS Data and Software Centre

Released.