



Department of Energy, Mines,
Industry Regulation and Safety

GeoVIEW Updates List

28 July 2025

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Overview

This document lists the main updates to the goecortex GeoVIEW.WA viewer. The last year's update will appear in the viewer, while the before that date will be contained here.

List of Updates

Listed in date order ascending i.e. newest first.

Release date: December 2024

The following updates are made in this release

- Geology: Some WAROX Site Notes and WAROX Samples layers have Photo links available within the Results List when identified. Darker symbols within the legend indicate sites with photos. ([How-to video](#))
 - WAROX Site Notes ([View layer](#))
 - WAROX Samples ([View layer](#))

The following layers are added in this release

- Minerals:
 - Historic Collieries Locations ([View layer](#))
- Special Category Lands:
 - Section 57(4) - Mining Act 1978 ([View layer](#))
- Geochemistry & Mineralogy:
 - WMC Surface Geochemistry ([View layer](#))
- Indexes:
 - 1:100 000 Interpreted Bedrock Geological Index ([View layer](#))
 - 1:50 000 Map Sheet Index ([View layer](#))
 - 1:25 000 Map Sheet Index ([View layer](#))
- *Petroleum*:
 - Geothermal Prime Areas (Declared Reserved Blocks) ([View layer](#))

Release date: September 2024

The following layers are added in this release

- Indexes:
 - 1:25 000 Jack Hallberg Geological Map Sheet index ([View layer](#))
 - 1:50 000 Jack Hallberg Geological Map Sheet Index ([View layer](#))
- Special Category Lands:
 - Aboriginal Cultural Heritage - Historic ([View layer](#))
 - Aboriginal Cultural Heritage - Register ([View layer](#))
 - Aboriginal Cultural Heritage - Lodged ([View layer](#))
- Help & Feedback:
 - Interactive User Guide added for video based tutorials [Click to open](#)

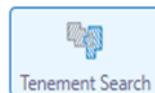
Release date: April 2024

We are now the Department of Energy, Mines, Industry Regulation and Safety (DEMIRS)

- Indexes group changes:
 - 1:50 000 Geological Digital Index legend update ([View layer](#))
 - 1:100 000 Geological Digital Index legend updated and Identify functionality enhanced ([View layer](#))
 - 1:250 000 Geological Digital Index legend update ([View layer](#))
 - 1:100 000 Interpreted Bedrock Geological Index map sheet identification and download link updated ([View layer](#))
 - Graticular Blocks 5min (petroleum tenements) new layer added ([View layer](#))
 - Graticular Blocks 5min renamed to Graticular Blocks 5min (mining tenements) ([View layer](#))
 - Graticular Blocks 1min renamed to Graticular Blocks 1min (mining tenements) ([View layer](#))
- GSWA Geochemistry layer includes download link for Statewide database extract via layer actions button
- Hylogger Drillholes layer updated with additional mineral log download links ([View layer](#))
- Petroleum group renamed to Petroleum & Geothermal
- Petroleum Acreage Releases layer updated ([View layer](#))
- Tenement Search from Search toolbar updated ([Click to open](#))

Release date: October 2023

- Improved Tenement / Holder search workflow to combine tenement and tenement holder into one query



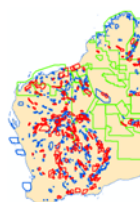
[Click to open Tenement Search](#)

- Bug fix for names with apostrophe in search workflows
 - Petroleum Titles (Historical)
 - Petroleum Prime Areas
- New group for Geothermal layers:
 - Geothermal Release
 - Geothermal Application
 - Geothermal Titles
 - Geothermal SPAAO



[Click to turn on these layers](#)

- Updated Geophysics Imagery for:
 - Gravity
 - Magnetic Anomaly 1VD
 - Radiometrics KTU



[Click to turn on these layers](#)

- Renamed Geochemistry group to Geochemistry & Mineralogy
- Additional layer under Geochemistry & Mineralogy for:
 - GSWA Gold Mineralogy



[Click to turn on these layers](#)

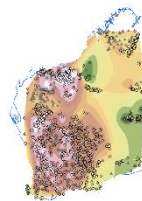
Release date: June 2023

- Replaced Kimberley Heritage layer with National Heritage Areas under Special Category Lands group



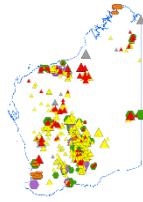
[Click to turn on these layers](#)

- Update to Whole-rock Samarium–Neodymium Isotope Map data under Geochronology & Isotope Geology group



[Click to turn on these layers](#)

- Additional layers under the Minerals group, Resource Estimate by Project section for:
 - Alumina (Al_2O_3)
 - Copper
 - Lithium (Li_2O)
 - Nickel
 - Silver



[Click to turn on these layers](#)

- Small update to data for Metamorphic History layer under Geology group



[Click to turn on these layers](#)

Release date: April 2023

- Additional layers under the Geology group, WAROX Field Observations for: WAROX Samples, WAROX Planar Structures and WAROX Linear Structures. Updated layers for additional fields for WAROX Notes and WAROX Lithology
- Updated workflow for Drillholes Search with additional information in extracts
- Workflow improvements for searches and functionality: MINEDEX by Region, Company Geochemistry
- New button in the tool bar under Maps & Data Sources tab, External Maps, to open DMIRS Mineral Systems Atlas viewer - MSAmaps

Release date: November 2022

- Updated 1:500 000 Tectonic Units layer under the Geology group. Temporarily removed the 1:500 000 Orogenic Events layer in Geology group and the ENS Events Search tool, pending a review of data structure and recompilation to match the Tectonics units

Release date: October 2022

- Added layer under Geochemistry group for GSWA Laterite Geochemistry, 2022
- Updated information for the Metamorphic History layer under Geology group

Release date: August 2022

- Updated information under Zircon Lutetium-Hafnium Isotope Map and Whole-rock Samarium-Neodymium

Release date: June 2022

- Layer added to Special Category Lands group for Carbon Farming / Sequestration Project
- Layers added to Minerals group – Resource Estimates by Project (Gold) and Resource Estimates by Project
- Update to 100k Regolith Geology Regimes
- Update to Hylogger layer data
- Updated Isotope Sm-Nd and Lu-Hf layers / imagery data

Release date: November 2021

- Layers added to Geology group for WAROX database as WAROX Notes and WAROX Lithology
- Update to 10M Large Igneous Provinces and 10M Tectonic Units
- Added MOHO layer under Geophysics Imagery

Release date: June 2021

- As part of the Accelerated Geoscience Program, data have been added in layers for Oxygen Isotope, Lu-Hf Isotope under Geochronology & Isotope Geology
- Major Crustal Boundaries, Metamorphic History, SW Interpreted Bedrock Geology, and 100k Regolith Geology Regimes under Geology

Release date: March 2021

- As part of the Accelerated Geoscience Program, a group of data for Mineralization Sites information has been added. This group now contains 22 filtered commodity layers found under the Layers group Minerals.
- As part of the Accelerated Geoscience Program, a group of data for the Samarium-Neodymium Isotope Map information has been added. This group now contains two vector and four raster layers found under the Layers group Geochronology & Isotope Geology.
- These two datasets have been added to the AGP theme.
- Updated GeoHeritage layer under Special Category Lands.
- Company geochemistry bug fixed.

Release date: November 2020

- Updated Tectonic 1:500 000 layer for the name change for King Leopold Sandstone, King Leopold Orogen and King Leopold Orogeny to Wunaamin Miliwundi Sandstone, Orogen and Orogeny respectively as per below statement
- Government of Western Australia media statement on 3 July 2020: The Minister for Lands has today announced that the King Leopold Ranges in the Kimberley region has now been officially renamed Wunaamin Miliwundi Ranges

Release date: September 2020

- As part of the Accelerated Geoscience Program (AGP), a layer of SHRIMP data from the Curtin University database has been added as 'McNaughton Legacy SHRIMP Mount Collection' under the Layers group Geochronology & Isotope Geology, donated to GSWA by the John de Laeter Centre at Curtin University
- A theme to contain these AGP layers has also been added.

Release date: August 2020

- Updated geology layers – 1:500 000 Linear Structures, 2020; 1:500 000 Cenozoic Geology, 2020; and 1:500 000 Interpreted Bedrock Geology, 2020
- Government of Western Australia media statement on 3 July 2020: The Minister for Lands has today announced that the King Leopold Ranges in the Kimberley region has now been officially renamed Wunaamin Miliwundi Ranges
- 1:500 000 Interpreted Bedrock Geology layer includes the name change for King Leopold Sandstone, King Leopold Orogen and King Leopold Orogeny to Wunaamin Miliwundi Sandstone, Orogen and Orogeny respectively

Release date: April 2020

- The 1:500 000 State Regolith Geology has been updated for the southern half of WA. The layer now incorporates the whole State regolith in one layer

Release date: September 2019

- Retired Silverlight viewer and migrated to Geocortex HTML5 viewer 2.10.1
- This now allows GeoVIEW.WA to run in any web browser and is device independent.
- Updated WAMEX, Drillholes and Geochemistry Search Tools to run in new HTML5 version of GeoVIEW.WA.
- Print functionality enhanced and now also allows the option to output prints to both pdf and jpeg format.
- GSWA Geochronology Layer now includes links to oxygen data files where available.
- 1:100 000 and 1:250 000 Geological Mosaic Images now include links to relevant map sheet legends where available.