

Tectonic units

Large igneous provinces (LIP)

- Hart-Carson Large Igneous Province
- Kalkarindji Large Igneous Province
- Kelly Large Igneous Province
- Large igneous provinces and dyke swarms
- Sulphur Springs Large Igneous Province
- Warakurna Large Igneous Province
- Warroona Large Igneous Province
- Widgiemooltha Large Igneous Province

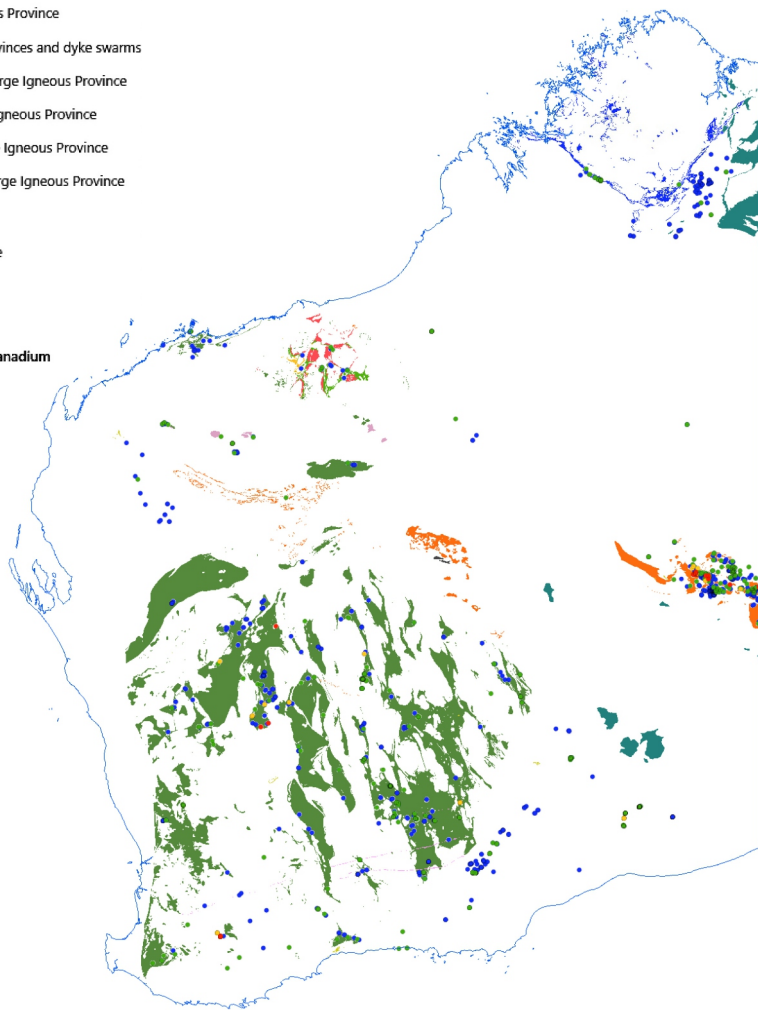
Greenstone belts

- granite-greenstone
- granitic complex
- undivided

Layered intrusion-hosted vanadium

V ppm

- 3504–11 415
- 1000–3504
- 263–1000
- 1–263



Mineral Systems Atlas, 2021

The **Mineral Systems Atlas** is a GIS-based platform that delivers tailored data layers relevant to Western Australian mineral deposits. Layer content is defined using a Mineral Systems Analysis approach, and is derived from primary Geological Survey of Western Australia data.

The data are delivered through an interactive, map-based, online system that allows various data and information to be combined according to the user's needs. Currently, datasets for komatiite-hosted nickel, iron formation, rare-element pegmatite and layered intrusion-hosted vanadium are available. Further mineral systems will be added as they become available.

The Mineral Systems Atlas is complemented by the Mineral Systems Atlas Guide, where notice of updates and addition of new mineral systems will be provided. The Guide documents all aspects of the creation of the constituent map layers, and the relationships between primary and derived data.

Layers featured:

- Topography & Index
- Primary data layers
- Komatiite-hosted nickel
- Iron formation
- Rare-element pegmatite
- Layered intrusion-hosted vanadium

Mineral Systems Atlas, 2021

Enquiries to Email: msa@dmirs.wa.gov.au; Phone: +61 8 9222 3459.

Free (online): Mineral Systems Atlas: <www.dmp.wa.gov.au/mineralsystems atlas>, Mineral Systems Atlas Guide: <www.dmp.wa.gov.au/msa>