



A sample of the data available

Mines and mineral deposits (MINEDEX): Cu

- ▲ Cu mine
- ▲ Cu deposit
- ▲ Cu prospect
- ▲ Cu occurrence
- ▲ Cu unclassified
- 1:100k coastline — polygons
- - - Geological boundary; isotopic
- Fault or shear zone; normal
- · - Fault or shear zone; reverse or thrust
- - - Fault or shear zone; strike-slip

Lu-Hf isotope two-stage depleted mantle model age (Ma) — stretched

High : 4041.61
Low : 1511.02

GEOLOGICAL EXPLORATION PACKAGE CRITICAL MINERALS 2021 AGP



manganese
metamorphic
minerals
vanadium
diamonds
platinum group
elements

sulfates
rare earth
element
pegmatite
rare earth
elements
nickel
lithium
graphite

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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 included:

Mineralization sites

Near-surface geochemistry

Hydrogeochemistry/hydrology

- Chemical abundance
- Hydrology
- Climate averages

Rock type fertility

- VMS—Cu, Zn, Ge and In
- Graphite
- Diamonds
- Vanadium
- Manganese
- Lithium
- REE
- Nickel and PGE

Mineral fertility

- Alteration minerals
- Sulfide minerals
- Non-sulfide minerals
- Oxide minerals
- Exhalative minerals
- Rare-element pegmatite
- Diagnostic primary minerals

Geology (merged) rock type fertility

- REE and diamonds
- Silica
- Lithium
- Vanadium, nickel and PGE
- Manganese

Mineral systems

- Rare-element pegmatite
- Manganese fertility
- Intrusion-hosted vanadium
- Volcanogenic massive sulfide (VMS)

Critical minerals basemap

Critical Minerals, 2021 — Geological Exploration Package

Product available from First Floor counter, Mineral House, 100 Plain St, East Perth, WA 6004, AUSTRALIA.

Order online at: <www.dmirs.wa.gov.au/ebookshop>.

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