

▲ Critical mineral exploration results in 2023, mine sites and other deposits

## Critical minerals in Western Australia overview

Enquiries to [publications@dmirs.wa.gov.au](mailto:publications@dmirs.wa.gov.au)

Free (online): <https://storymaps.arcgis.com/stories/b22176f399374bf2b84ff42b0c1f1851>

## Critical minerals in Western Australia overview

As a society, we have a host of high-tech needs for survival in the modern world. We can't do without our smartphones or TVs, tech for the health sector, and the electronics in our cars that make them clever, safer and more comfortable.

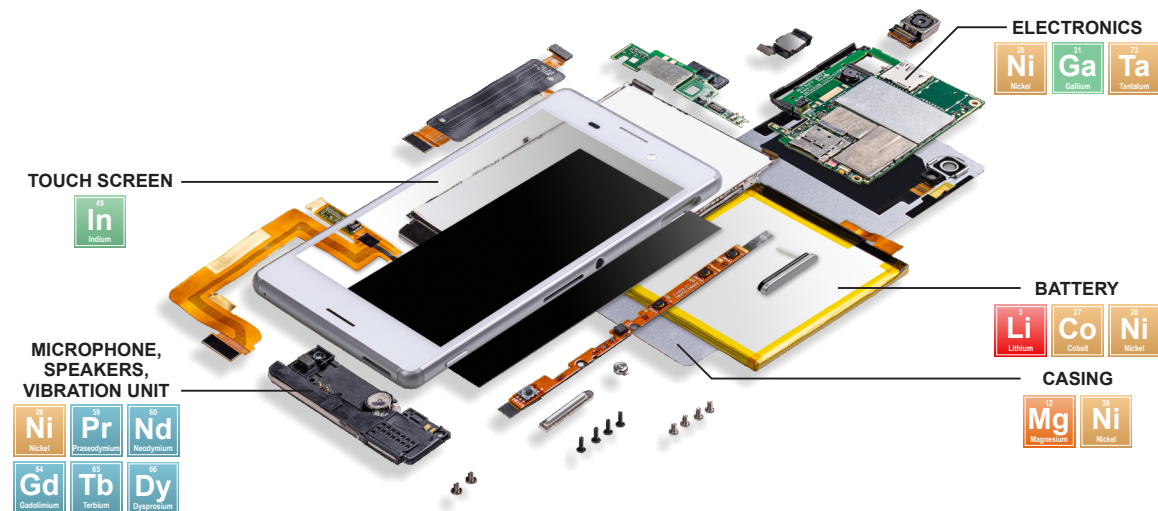
We are also in the middle of a major energy transition – rolling out the renewable energy technologies that will move humanity away from fossil fuels and reduce greenhouse gas emissions.

At the heart of these advances is a common set of ingredients we call critical minerals – a suite of naturally occurring materials that enables these technologies.

This StoryMap introduces critical minerals: why they matter, Western Australia's role in supplying the world, and what they mean for our high-tech future.



▲ Metallic critical minerals: indium, scandium, gallium, germanium, rhenium and platinum



▲ Smartphone – a technology that could not work without critical minerals



Department of Energy, Mines,  
Industry Regulation and Safety

Geological Survey of  
Western Australia

