

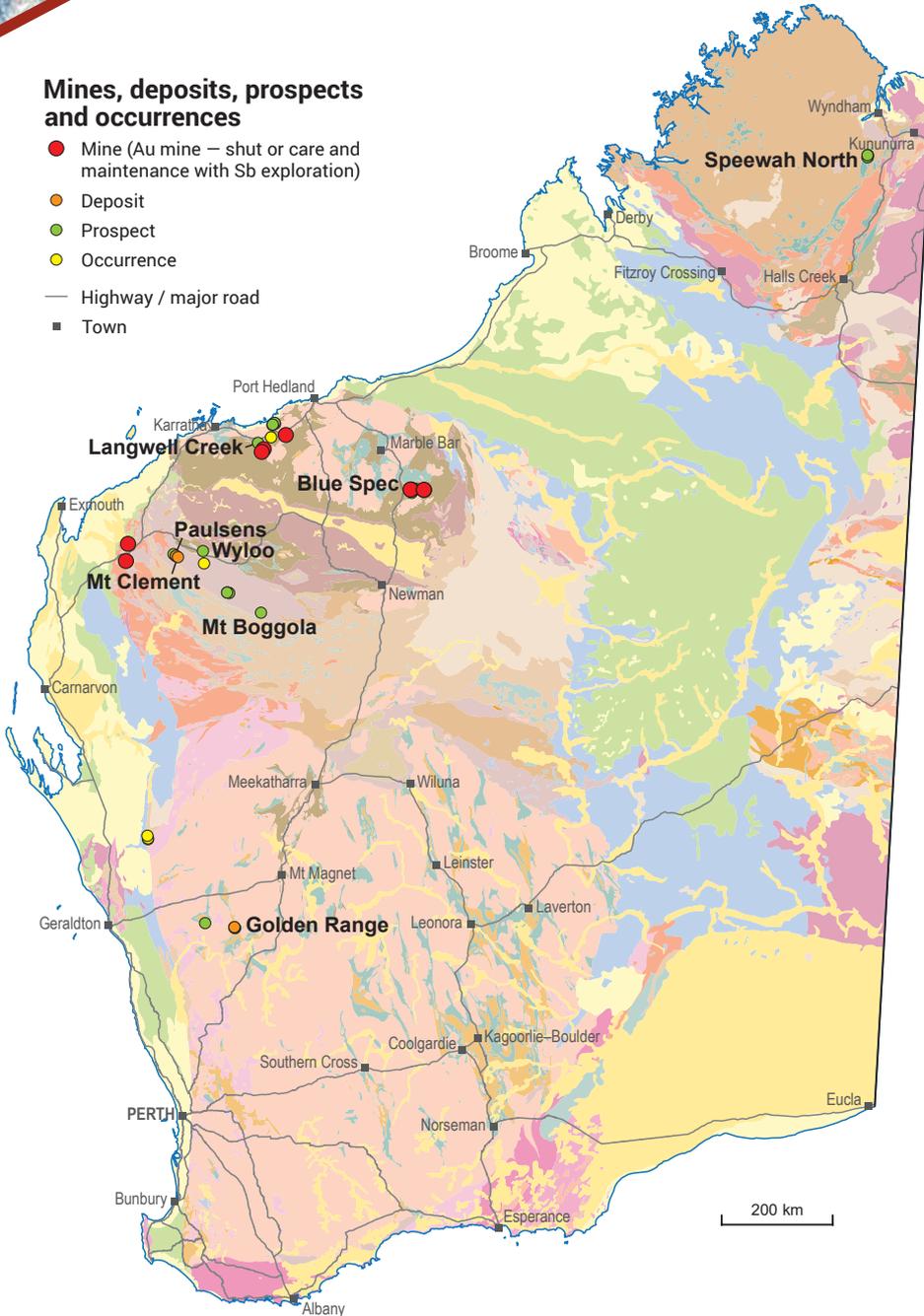
ANTIMONY

INVESTMENT OPPORTUNITIES

WORLD-CLASS RESOURCE PROVINCE | SECURE INVESTMENT LOCATION
WORLD-LEADING GEOSCIENTIFIC DATA | GLOBAL MINING SERVICES INDUSTRY

Mines, deposits, prospects and occurrences

- Mine (Au mine – shut or care and maintenance with Sb exploration)
- Deposit
- Prospect
- Occurrence
- Highway / major road
- Town



Antimony Mineral Resources in Western Australia are all associated with gold projects

- Mineral Resources from Western Australia totalling 14.8 Mt are from three gold projects – Golden Range (Warriedar Resources, but now owned by Capricorn Metals), Paulsens (Black Cat Syndicate) and Blue Spec (Novo Resources), and one gold-base metal project – Mt Clement (Marquee Resources)
- Marquee Resources executed a non-binding, non-exclusive Memorandum of Collaboration with Yantai Jinao Environmental Protection Technology to progress metallurgical testwork, flowsheet development, potential investment discussions and potential offtake opportunities for the Mt Clement Project

Resources

- Maiden Mineral Resource Estimates were reported for the Golden Range Project in May 2025 (12.2 Mt at 0.49% Sb) and the Mt Clement Project in September 2025 (1.14 Mt at 0.525% Sb)

Exploration

- Marquee Resources confirmed three mineralised zones (Taipan, Dugite and Gwardar) at their Mt Clement Project intersecting up to 7.43% Sb. The project contains high-grade Sb-Pb-Ag ore. Visible antimony mineralisation was recorded. One of the drillholes was co-funded by the Government Exploration Incentive Scheme drilling program
- Warriedar Resources reported additional high-grade antimony drill results from the Golden Range Project, with steeply dipping ore shoots confirming continuity of mineralisation across the existing modelled resource envelope
- Novo Resources reported drill intercepts of up to 1.86% Sb at the Langwell Creek Project, associated with thick quartz-veined intervals and altered ultramafic–mafic wall rocks
- High-grade antimony mineralisation has been identified from drilling and rock-chip sampling across multiple prospects in the Kimberley (Speewah North – Tambourah Metals) and Pilbara (Wyloo – Novo Resources; Mt Boggola – TechGen Metals) regions. At the Speewah North Project, rock-chip assays returned values of up to 9.2% Sb, defining multiple antimony targets



Department of Mines,
Petroleum and Exploration

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Geological Survey of
Western Australia

Projects with resources ranked by contained Sb as at January 2026

Mineral Resource Estimates reported in accordance with JORC (2012) unless otherwise stated

Project	Status	Owner	Commodity	Resources (Mt)	Av. grade Sb (%)	Contained Sb (kt)	Resource date
Golden Range	Exploration	Capricorn Metals	Au-Sb	12.20	0.49	60.20	01/05/2025
Paulsens	Operating	Black Cat Syndicate	Au-Cu-Sb-Ag-Pb	1.21	1.19	14.33	24/11/2022
Mt Clement	Exploration	Marquee Resources	Au-Sb-Pb-Ag	1.14	0.53	5.98	12/09/2025
Blue Spec	Operating	Novo Resources Corp / West Coast Gold	Au-Sb	0.24	1.61	3.89	29/09/2022

Resource estimates have been rounded
Spatial and resource estimates data sourced from WA Mines and Mineral Deposit database (MINEDEX)

Antimony is classified as a critical mineral by Australia, the United States, Canada, Japan and the European Union. It is essential for defence applications and emerging battery technologies, with global supply increasingly constrained by export and production restrictions. Despite its strategic importance, antimony remains a comparatively lesser-known critical mineral.

Properties and uses of Antimony

Due to its metalloid (semiconducting) behaviour, relatively low thermal and electrical conductivity compared with metals, and ability to form stable compounds that impart flame-retardant and hardening characteristics, antimony is:

- Used as antimony trioxide in flame-retardant applications across plastics, paints, enamels, glass, and ceramics
- Commonly alloyed with lead as a hardening agent, particularly in lead-acid batteries, improving strength, durability, and performance
- Utilised in industrial, aerospace and defence applications including electronics (including infrared detectors and diodes), petrochemicals, telecommunications, explosives and ammunition
- Increasingly applied in clean-energy and energy-storage technologies, including thermoelectric devices, photovoltaics, wind-energy systems, liquid-metal batteries, and solar technologies



Antimony specimen
(Source: Rob Lavinsky, iRocks.com – CC-BY-SA-3.0)

For more information

MINEDEX is a spatial and textual database of mining and exploration activity

MINEDEX

www.dmpe.wa.gov.au/minedex

GeoVIEW.WA is a free GIS-based spatial viewer

GeoVIEW.WA

www.dmpe.wa.gov.au/geoview



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DMPE'S MINEDEX, Statistics, and Title and Geoscience Services teams have contributed to the production of this flyer

All data extracted as at: January 2026



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