

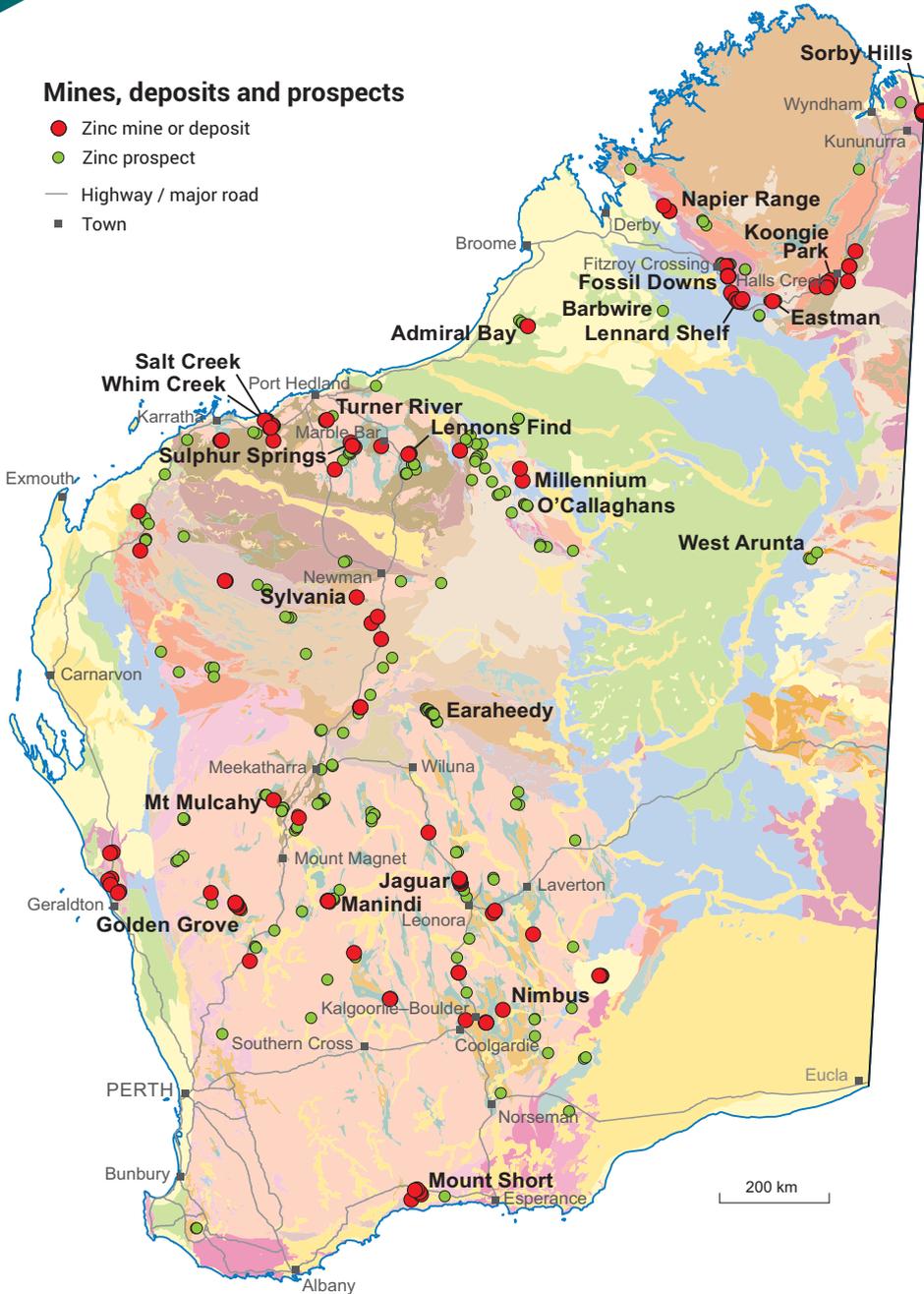
ZINC

INVESTMENT OPPORTUNITIES

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

Mines, deposits and prospects

- Zinc mine or deposit
- Zinc prospect
- Highway / major road
- Town



Current resources for Western Australia of over 13 Mt of contained zinc

In 2021–22, a total of 74 049 t of zinc was produced from the Golden Grove, Degruessa–Monty and Jaguar mines

Resources

Updated Mineral Resource Estimates for Sulphur Springs, Sorby Hills, Jaguar, Koongie Park, Whim Creek, Halls Creek, Liberty and Salt Creek

Recent drilling results

Significant drilling results announced for the Manindi (Kultarr prospect), Barbwire JV, Koongie Park (Emull prospect) and Earahaedy (Navajoh and Chinook prospects) projects

New discoveries

New zinc–lead–silver discovery at Tonka prospect at the Earahaedy Project

Prospectivity in Western Australia

- Sediment-hosted and Mississippi Valley Type (MVT) deposits in Paleozoic basins (e.g. Admiral Bay and Lennard Shelf)
- Sediment-hosted deposits in Proterozoic basins (e.g. Sylvania deposit in the Edmund Basin)
- Volcanogenic massive sulfides in Proterozoic orogens and Archean cratons

\$355 m
Sales value



74 049 t
Tonnes sold



2024*
Full-time employees



\$1022 m*
Investment projects



5.0%†
2.5%
Royalty rate



(2021–22 financial year)

* Combined values for copper, lead and zinc

† Includes projects planned, possible, committed or under construction as of September 2022

‡ 5% – concentrate, 2.5% – metal



Government of Western Australia
Department of Mines, Industry Regulation and Safety

dmirs.wa.gov.au

Geological Survey of
Western Australia



Projects with zinc resources – ranked by contained zinc >10 kt

Resources estimated according to JORC 2012

Project	Status	Owner	Resources (Mt)	Av. grade (%Zn)	Contained Zn (kt)
Admiral Bay	Pre-feasibility	Metalicity	170.0	4.10	6970
Golden Grove	Operating	29Metals	58.5	4.39	2570
Sulphur Springs	Feasibility	Develop Global	17.3	5.75	995
Lennard Shelf*	Exploration	Northwest Nonferrous International Investment Co.	15.0	4.69	702
Teutonic Bore – Jaguar	Operating	Aeris Resources	7.0	6.08	424
O'Callaghans	Pre-feasibility	Newcrest Mining	78.0	0.49	383
Koongie Park	Exploration	Anglo Australian / Auking Mining	6.6	5.59	370
Sorby Hills	Pre-feasibility	Henan Yuguang Gold and Lead Co. / Boab Minerals	51.5	0.62	318
Fossil Downs*	Exploration	Northwest Nonferrous International Investment Co.	2.2	9.50	204
Sylvania	Exploration	Discovex Resources	3.0	4.94	147
Turner River – Orchard Well	Exploration	De Grey Mining	3.5	3.21	111
Nimbus	Feasibility	Horizon Minerals	12.1	0.84	102
Salt Creek [#]	Scoping	Anax Metals / Develop Global	2.7	3.47	95
Lennons Find*	Exploration	Musketeer Mining / Individuals	1.8	5.13	92
Jerdacuttup	Exploration	Medallion Metals	5.1	1.51	77
Manindi	Exploration	Metals Australia / Pan Pacific Mining	1.1	6.52	70
Whim Creek – Mons Cupri [#]	Feasibility	Anax Metals / Develop Global	7.7	0.91	69
Whundo Base Metals	Exploration	Greentech Metals	3.6	1.42	51
Eastman*	Exploration	Peako	1.5	1.80	27
Halls Creek Copper	Exploration	Cazaly Resources	1.7	1.43	25
Liberty–Indee [#]	Feasibility	Anax Metals / Develop Global	0.6	3.90	23
Austin – Quinns Base Metals*	Exploration	CNN Investments	1.5	1.39	21
Mt Mulcahy*	Exploration	Scorpion Minerals	0.6	1.82	12

Resource estimates have been rounded

* Resource estimates are not JORC 2012 compliant

[#] These projects form part of the larger Whim Creek Project by Anax Metals Ltd

Spatial and resource estimates data sourced from WA Mines and Mineral Deposit database (MINEDEX)

 Stratabound volcanic-hosted massive sulfide

 Stratabound sediment-hosted and MVT

 Vein and hydrothermal

 Skarn

For more information

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

MINEDEX www.dmirs.wa.gov.au/minedex

GeoVIEW.WA is a free GIS-based spatial viewer

GeoVIEW.WA www.dmirs.wa.gov.au/geoview

Contact us

Sarah Sargent, Mineral Investment Specialist
Geological Survey and Resource Strategy Division

Email: minerals.investors@dmirs.wa.gov.au

Tel: +61 8 9222 3890

The DMIRS MINEDEX, Statistics, and Geoscience and Titles Information teams have contributed to the production of this flyer



Government of Western Australia
Department of Mines, Industry Regulation and Safety

February 2023

Geological Survey and
Western Australia

