

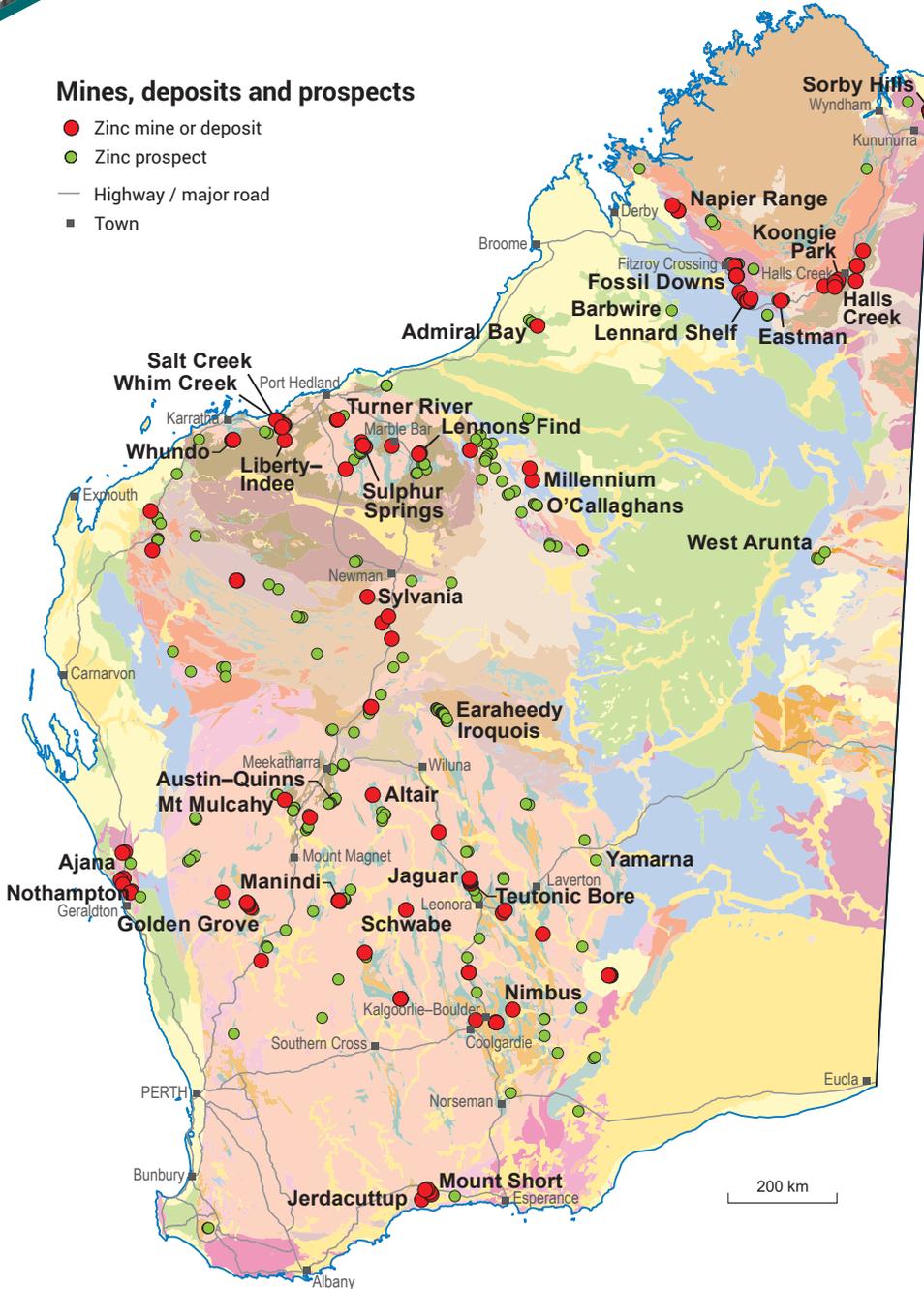
ZINC

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 16 Mt of contained zinc

- In 2022–23, a total of 62 223 tonnes of zinc were sold from the Golden Grove and Bentley mines

Resources

- Maiden Mineral Resource Estimates were announced for Altair (Gum Creek Project; Panoramic and Horizon Gold), Earraheedy (Chinook–Navajoh–Tonka deposits; Rumble Resources) and Schwabe (Perrinvale VHMS Project; Cobre Limited)
- The maiden resource at Earraheedy represents one of the largest zinc discoveries globally in the last decade
- Updated Mineral Resources for Whundo, Teutonic Bore (Bentley mine) and Sulphur Springs
- A Definitive Feasibility Study completed for Whim Creek with updated Ore Reserves of 4.6 Mt at 1.36% Cu, 2.3% Zn and 0.68% Pb

Recent drilling results

- Significant drilling results announced for the Earraheedy (Navajoh–Tonka–Chinook prospects), Northampton Polymetallic area (Caprice Resources), Iroquois (Strickland Metals) and Teutonic Bore (Bentley mine), Golden Grove

New discoveries

- Recent zinc–lead–silver discoveries include at Yamarna (Minjina prospect), Ajana (Perseverant prospect) and Earraheedy (Mato prospect)

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

\$265 m Sales value	62 223 t Tonnes sold	1994* Full-time employees	\$4309 m** Investment projects	5.0%† 2.5% Royalty rate

(2022–23 financial year)
* Combined values for copper, lead and zinc
† Includes projects planned, possible, committed or under construction as of September 2023
‡ 5% – concentrate, 2.5% – metal



Department of Energy, Mines,
Industry Regulation and Safety

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Geological Survey of
Western Australia



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

All Resource Estimates compliant with JORC 2012 unless otherwise stated

Project	Status	Owner	Commodity	Resources (Mt)	Av. grade (%Zn)	Contained Zn (kt)	Resource date
Admiral Bay	Pre-feasibility	Metalicity	Zn-Pb-Ag	170.0	4.10	6970	04/07/2016
Golden Grove	Operating	29Metals	Zn-Cu-Pb-Ag-Au	61.3	4.03	2467	31/12/2022
Earaheedy Base Metals	Exploration	Rumble Resources / Zenith Minerals	Pb-Zn-Ag	94.0	2.33	2191	19/04/2023
Sulphur Springs	Feasibility	Develop Global	Zn-Cu-Pb-Ag	17.3	5.75	997	02/06/2023
Lennard Shelf*	Exploration	Northwest Nonferrous International Investment Co.	Zn-Pb	19.2	4.38	840	19/03/2015
Teutonic Bore – Jaguar	Operating	Aeris Resources	Zn-Cu-Ag-Au	8.1	5.69	459	05/07/2023
Koongie Park	Scoping	Auking Mining	Zn-Cu-Pb-Ag-Au	21.1	1.77	374	01/12/2022
O'Callaghans	Pre-feasibility	Newmont	Cu-Zn-Pb	69.5	0.53	368	03/06/2023
Sorby Hills	Pre-feasibility	Henan Yuguang Gold and Lead Co. / Boab Minerals	Pb-Zn-Ag	47.3	0.45	211	17/12/2021
Fossil Downs^	Exploration	Northwest Nonferrous International Investment Co.	Zn-Pb	2.2	9.50	204	24/03/2011
Sylvania	Exploration	Discovex Resources / Crest Investment	Zn-Pb-Ag	3.0	4.94	148	08/06/2010
Gum Creek – Altair	Scoping	Panoramic Resources / Horizon Gold	Cu-Zn-Ag	7.0	1.80	126	14/03/2023
Turner River – Orchard Well	Exploration	De Grey Mining	Zn-Cu-Pb-Ag-Au	3.5	3.21	111	28/09/2017
Nimbus	Exploration	Horizon Minerals	Ag-Zn	12.1	0.84	102	03/04/2015
Salt Creek#	Feasibility	Anax Metals / Develop Global	Zn-Cu-Pb-Ag-Au	2.7	3.47	95	12/09/2022
Lennons Find	Exploration	Musketeer Mining / Orange Minerals / Individuals	Zn-Cu-Pb-Ag-Au	1.6	5.90	91	30/05/2019
Jerdacuttup	Exploration	Medallion Metals	Au-Cu-Ag-Zn-Pb	5.1	1.51	77	01/03/2018
Manindi	Exploration	Metals Australia / Pan Pacific Mining	Zn-Cu				
Whim Creek – Mons Cupri#	Operating	Anax Metals / Develop Global	Zn-Cu-Pb-Ag-Au	7.7	0.91	69	17/01/2022
Whundo Base Metals	Exploration	Greentech Metals	Cu-Zn-Ag	6.2	1.04	65	12/04/2023
Napier Range	Exploration	Northwest Nonferrous International Investment Co.	Pb-Zn-Ag	0.8	5.80	44	01/11/2016
Eastman^	Exploration	Peako	Zn-Cu-Pb-Ag-Au	1.5	1.85	28	24/01/2007
Halls Creek Copper	Scoping	Cazaly Resources	Cu-Zn-Ag	1.7	1.43	25	31/01/2022
Liberty-Indee#	Feasibility	Anax Metals / Develop Global	Zn-Cu-Pb-Ag-Au	0.6	3.90	23	04/10/2022
Austin – Quinns Base Metals^	Exploration	CNN Investments	Cu-Zn-g-Au	1.5	1.39	21	06/04/2010
Mt Mulcahy	Exploration	Scorpion Minerals	Cu-Zn-Pb-Ag-Au	0.6	1.82	12	25/09/2014

Resource estimates have been rounded

* Resources are both JORC 2004 and JORC 2012 compliant

^ Resource estimates are JORC 2004 compliant

Forms part of the larger Whim Creek Project by Anax Metals and Develop Global

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

 Stratabound volcanic-hosted massive sulfides

 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.demirs.wa.gov.au/minedex

GeoVIEW.WA is a free GIS-based spatial viewer

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

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

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