

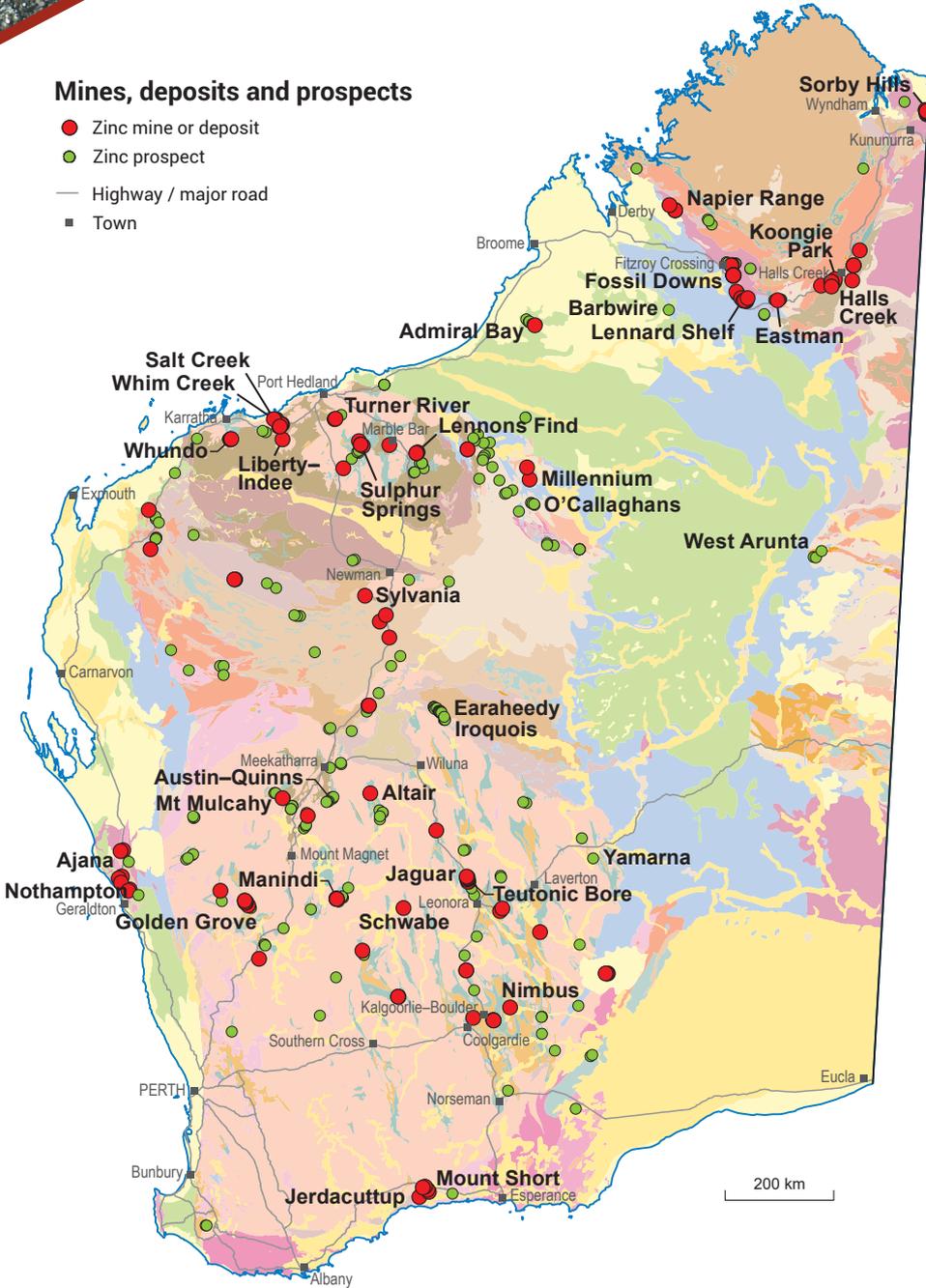
# ZINC

## 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), Earahaedy (Chinook–Navajoh–Tonka deposits; Rumble Resources) and Schwabe (Perrinvale VHMS Project; Cobre Limited)
- The maiden resource at Earahaedy 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 Earahaedy (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 Earahaedy (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



**1,994\***  
Full-time employees



**\$4,309 m\*\***  
Investment projects



**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 Mines,  
Petroleum and Exploration

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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 <sup>^</sup>	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 <sup>#</sup>	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 <sup>#</sup>	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 <sup>^</sup>	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 <sup>#</sup>	Feasibility	Anax Metals / Develop Global	Zn–Cu–Pb–Ag–Au	0.6	3.90	23	04/10/2022
Austin – Quinns Base Metals <sup>^</sup>	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

<sup>^</sup> Resource estimates are JORC 2004 compliant

<sup>#</sup> 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		Vein and hydrothermal
	Stratabound sediment-hosted and MVT		Skarn

### For more information

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

**MINEDEX**

[www.dmpe.wa.gov.au/minedex](http://www.dmpe.wa.gov.au/minedex)

GeoVIEW.WA is a free GIS-based spatial viewer

**GeoVIEW.WA**

[www.dmpe.wa.gov.au/geoview](http://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



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