

Zn

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 12.2 Mt of contained zinc

Production of over 77 500 t of zinc in 2015 from mines at Golden Grove and Jaguar

Zinc discoveries are still being made:

- Millennium prospect near Telfer in the Paterson Orogen
- West Arunta (X17) greenfields project in the Gibson Desert
- Nimbus near Kalgoorlie in the Yilgarn Craton
- Little Mt Isa of the Sophie Downs project near Halls Creek in the Halls Creek Orogen

Western Australia is prospective for:

- Sediment-hosted and MVT deposits in Paleozoic basins (e.g. Admiral Bay and Lennard Shelf)
- Sediment-hosted deposits in Proterozoic basins (e.g. Abra and Prairie Downs in the Edmund Basin)
- Volcanogenic massive sulfides in Proterozoic orogens and Archean cratons

\$257 m
Sales value



6882 t
Tonnes sold



\$1379 m*
Exports



2172
Full-time employees



\$169 m†
Investment projects



5.0%‡

2.5%
Royalty rate



\$76 m*
Royalties paid



(2018 calendar year)

* Combined values for copper, lead and zinc

† Includes projects planned, possible, committed or under construction as of September 2019

‡ 5% – concentrate, 2.5% – metal



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

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Geological Survey of
Western Australia



Zinc projects in Western Australia, ranked by contained zinc

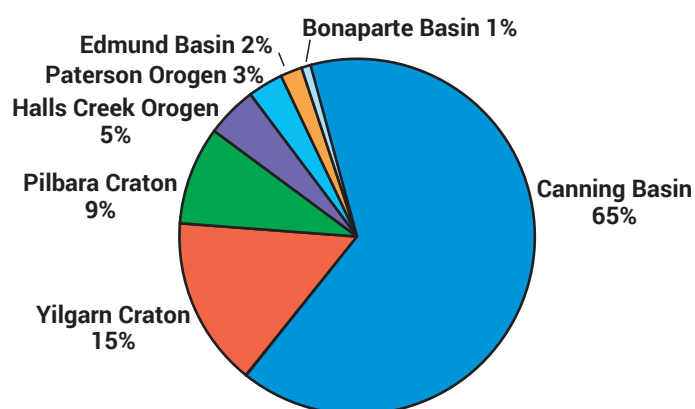
Ranking of current producers (2015)

Project	Project owner	Resources (Mt)	Average grade (%Zn)	Contained Zn (kt)
Admiral Bay	Metalicity Limited	170	4.10	6970
Golden Grove	1 Minerals and Metals Group Ltd (MMG)	25	5.12	1271
Sulphur Springs	Venturex Resources Limited	17	4.41	748
Lennard Shelf	Northwest Nonferrous International Investment Co. Ltd	15	4.69	702
O'Callaghans	Newcrest Mining Ltd	78	0.50	393
Teutonic Bore – Jaguar	2 Independence Group NL	4	6.49	290
Koongie Park	Anglo Australian Resources NL	8	3.60	288
Emull–Lambo	Anglo Australian Resources NL	5	4.50	212
Fossil Downs	Northwest Nonferrous International Investment Co. Ltd	2	9.50	204
Prairie Downs	Marindi Metals Limited	3	4.94	147
Sorby Hills	KBL Mining Ltd / Henan Yuguang Gold and Lead Co. Ltd	17	0.68	112
Nimbus	MacPhersons Resources Ltd	12	0.84	102
Abra	Hunan Nonferrous Metals Corporation Ltd	93	0.10	93
Lennons Find	International Goldfields Limited / Marshall, WJ / Fletcher, PR	2	5.13	92
Salt Creek	Venturex Resources Limited	1	7.07	71
Manindi	Metals Australia Ltd / Pan Pacific Mining Pty Ltd	1	6.52	70
Whim Creek – Mons Cupri	Venturex Resources Limited	6	1.23	69
Turner River	De Grey Mining Ltd	2	2.67	65
Eastman	Sandrib Pty Ltd	3	1.70	58
Napier Range	Northwest Nonferrous International Investment Co. Ltd / Toho Zinc Co. Ltd	1	8.50	50

Zinc resources of Western Australia by mineralization

Mineralization style	Contained Zn (kt)
Stratabound sediment-hosted sulfide	8166
Stratabound volcanic-hosted massive sulfide	3644
Skarn	393
Total	12 203

Zinc resources of Western Australia, by tectonic units



For more information



Geological Survey of
Western Australia

www.dmirs.wa.gov.au/gswa

MINEDEX

www.dmirs.wa.gov.au/minedex

GeoVIEW.WA

www.dmirs.wa.gov.au/geoview

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