

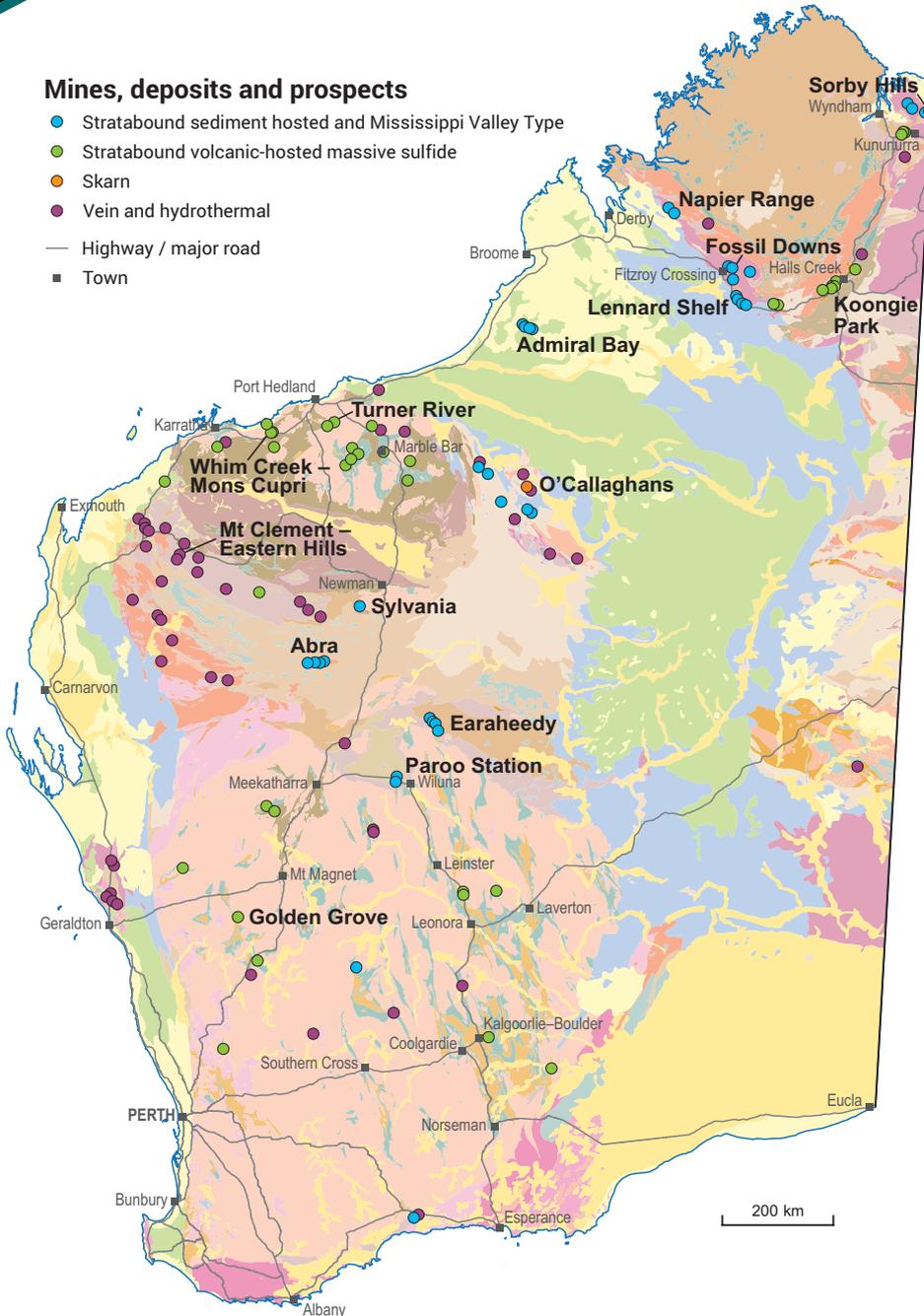
# LEAD

## INVESTMENT OPPORTUNITIES

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

### Mines, deposits and prospects

- Stratabound sediment hosted and Mississippi Valley Type
- Stratabound volcanic-hosted massive sulfide
- Skarn
- Vein and hydrothermal
- Highway / major road
- Town



### Current resources for Western Australia are over 11 Mt of contained lead

- The four largest deposits together contain more than 10 Mt of lead: Admiral Bay, Abra, Paroo Station and Sorby Hills
- Lead production in 2022 was from the Golden Grove mine – a zinc, copper, lead, silver and gold operation in the Yilgarn Craton
- Lead is associated with volcanic and sediment-hosted massive sulfides as well as skarn, vein and hydrothermal mineralization

### Recent activity at Abra and Sorby Hills

- Construction at the Abra mine has commenced with first production anticipated in 2023
- Mineral Resource Estimate for Sorby Hills has increased to 51.5 Mt at 4.1% Pb equivalent (3.1% Pb, 35 g/t Ag) and 0.4% Zn, with a Definitive Feasibility Study completed

### Recent drilling results

- New zinc–lead–silver discovery at Tonka at the Earaaheedy Project. The Tonka discovery announced significant assays including 22 m at 4.27% Zn+Pb, 5.4 g/t Ag including 11 m at 5.82% Zn+Pb, 4.35 g/t Ag
- Drilling at the Chinook prospect within the Earaaheedy project intersected a broad zone of mineralization (84 m at 1.84% Zn+Pb) with multiple intersections up to 17.1% Zn+Pb

2024<sup>†</sup>  
Full-time  
employees



\$353 m\*  
Investment  
projects



5.0%  
Royalty  
rate



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

† Total for copper, lead and zinc



# Projects with lead resources – ranked by contained lead >10 kt

Resources estimated according to JORC 2012

Project	Status	Owner	Commodity	Resources (Mt)	Av. grade Pb (%)	Contained Pb (kt)	Resource date
Admiral Bay	Pre-feasibility	Metalicity / Kimberley Mining	Zn-Pb-Ag	170.0	2.70	4 590	04/07/2016
Abra	Feasibility	Galena Mining / Toho	Pb-Cu-Zn-Ag-Au	34.4	7.20	2 476	28/04/2021
Paroo Station	Feasibility	LeadFX	Pb	51.6	3.73	1 924	05/04/2021
Sorby Hills	Pre-feasibility	Henan Yuguang Gold and Lead Co. / Boab Metals	Pb-Zn-Ag	51.5	2.89	1 490	17/12/2021
Lennard Shelf*	Exploration	Northwest Nonferrous International Investment Co.	Zn-Pb	15.0	4.28	642	24/03/2011
O'Callaghans	Pre-feasibility	Newcrest Mining	Zn-Cu-Pb-W	78.0	0.24	189	31/12/2017
Golden Grove	Operating	29Metals	Zn-Cu-Pb-Ag-Au	58.5	0.26	151	31/12/2021
Jerdacuttup	Exploration	Medallion Metals	Au-Cu-Ag-Zn-Pb	5.1	2.60	133	01/03/2018
Koongie Park	Exploration	Anglo Australian / Auking Mining	Zn-Cu-Pb-Ag-Au	8.9	0.77	69	07/04/2022
Sulphur Springs*	Proposed	Venturex Resources	Zn-Cu-Pb-Ag-Au	17.3	0.32	56	06/09/2022
Sylvania	Exploration	DiscovEx Resources	Zn-Pb-Ag	3.0	1.59	47	08/06/2010
Turner River – Orchard Well	Exploration	De Grey Mining	Zn-Cu-Pb-Ag-Au	3.5	1.32	46	28/09/2017
Fossil Downs*	Exploration	Northwest Nonferrous International Investment Co.	Zn-Pb	2.2	2.10	45	24/03/2011
Mt Clement – Eastern Hills	Exploration	Northern Star Resources	Pb-Au-Ag-Sb	1.3	2.49	33	29/11/2013
Salt Creek	Exploration	Anax Metals / Develop Global	Zn-Cu-Pb-Ag-Au	2.7	1.03	28	12/09/2022
Lennons Find*	Exploration	Musketeer Mining / Individuals	Zn-Cu-Pb-Ag-Au	1.8	1.45	26	01/01/2012
Ajana	Exploration	Anson Resources	Pb	0.4	6.44	25	15/07/2010
Whim Creek – Mons Cupri	Exploration	Anax Metals / Develop Global	Zn-Cu-Pb-Ag-Au	6.9	0.35	24	25/05/2021
Eastman*	Exploration	Peako	Zn-Cu-Pb-Ag-Au	1.5	0.70	11	24/01/2007

Resource estimates have been rounded  
 \* Resource estimates are not JORC 2012 compliant  
 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 Mississippi Valley Type
- Skarn

## For more information

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

**MINEDEX** [www.dmirs.wa.gov.au/minedex](http://www.dmirs.wa.gov.au/minedex)

GeoVIEW.WA is a free GIS-based spatial viewer

**GeoVIEW.WA** [www.dmirs.wa.gov.au/geoview](http://www.dmirs.wa.gov.au/geoview)

## Contact us

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 Department of Mines, Industry Regulation and Safety

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