

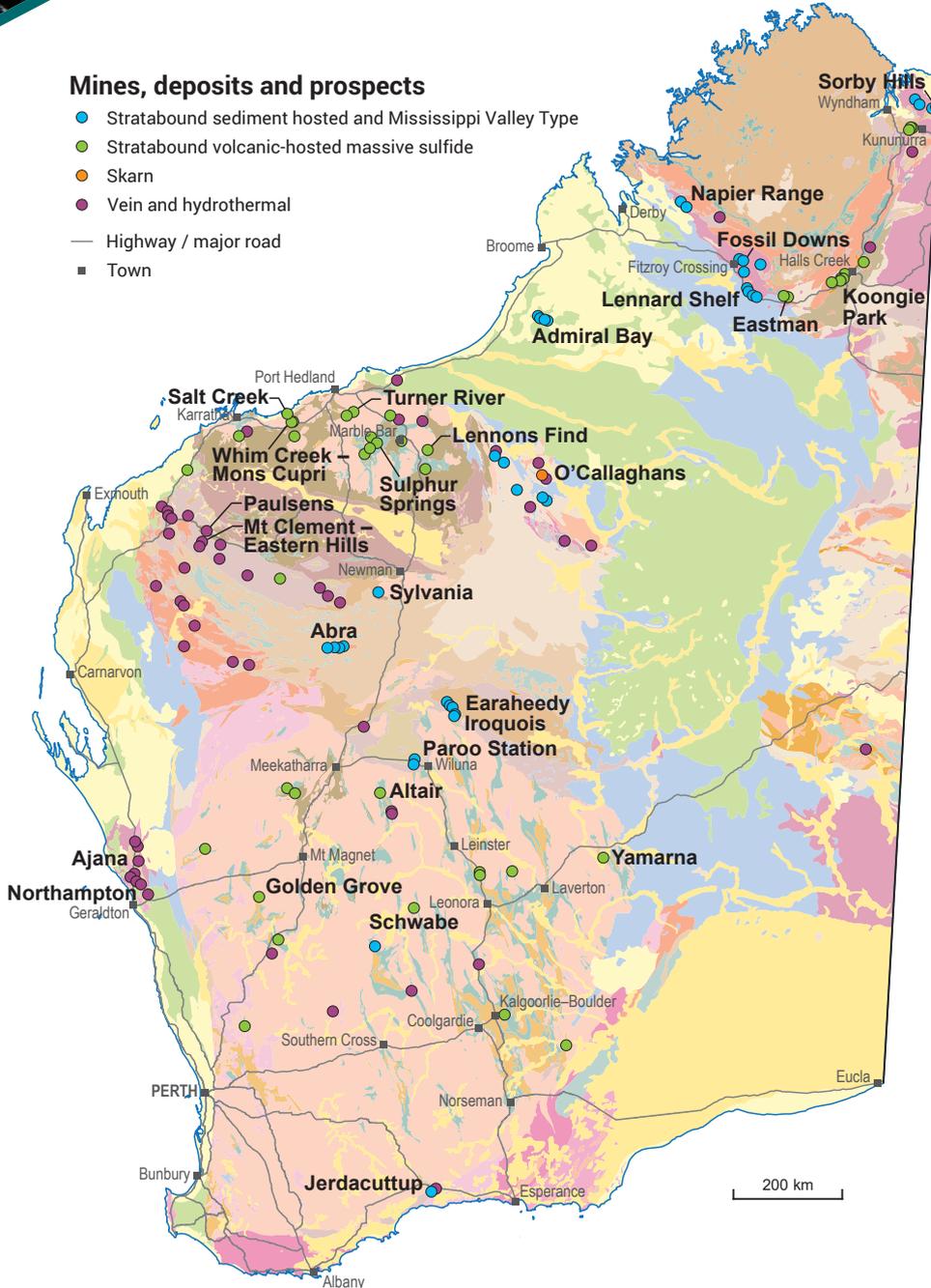
LEAD

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 12 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 2022–23 was from the Golden Grove and Abra mines
- Lead is associated with volcanic-hosted and sediment-hosted massive sulfides, skarn, and vein and hydrothermal mineralization styles

Recent activity at Abra and Sorby Hills

- First concentrate was produced from Abra in January 2023
- A Definitive Feasibility Study completed at Sorby Hills in January 2023 and drilling results of up to 35% lead were intersected. Boab Metals also announced the potential discovery of a new zone of mineralization at the project

Resources

- Maiden Mineral Resource Estimates were announced for Altair (Gum Creek Project; Panoramic and Horizon Gold), Earaheedy (Chinook–Navajoh–Tonka deposits; Rumble Resources) and Schwabe (Perrinvale VHMS Project; Cobre Limited)
- Updated Mineral Resources for Abra (Galena Mining), 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

- Recent zinc–lead–silver discoveries have been made at several projects including Yamarna (Minjina prospect), Ajana (Perseverant prospect) and Earaheedy (Mato prospect)
- Significant drilling results announced for the Earaheedy (Navajoh–Tonka–Chinook prospects), Northampton Polymetallic area (Caprice Resources) and Iroquois (Strickland Metals)
- Drilling at Tonka–Navajoh has extended the mineralization to over 11 km and up to 3 km in strike, and remains open in all directions

\$39.8 m
Sales value



12 776 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

demirs.wa.gov.au

Geological Survey of
Western Australia



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

All Resource Estimates compliant with JORC 2012 unless otherwise stated

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	33.4	7.10	2 370	31/07/2023
Paroo Station	Feasibility	LeadFX / Rosslyn Hill Mining	Pb	51.4	3.74	1 920	05/04/2019
Sorby Hills	Feasibility	Boab Metals / Henan Yuguang Gold and Lead Co.	Pb-Zn-Ag	47.3	3.12	1 475	17/12/2021
Lennard Shelf*	Feasibility	Northwest Nonferrous International Investment Co.	Zn-Pb	19.2	4.93	945	19/03/2015
Earaheedy Base Metals	Exploration	Rumble Resources / Zenith Minerals	Pb-Zn-Ag	94.0	0.70	659	19/04/2023
O'Callaghans	Pre-feasibility	Newmont	Cu-Zn-Pb	69.5	0.27	186	30/06/2023
Golden Grove	Operating	29Metals	Zn-Cu-Pb-Ag-Au	61.3	0.25	153	31/12/2022
Jerdacuttup	Exploration	Medallion Metals	Au-Cu-Ag-Zn-Pb	5.1	2.60	134	01/03/2018
Koongie Park	Scoping	Auking Mining	Zn-Cu-Pb-Ag-Au	21.1	0.38	80	01/12/2022
Sulphur Springs	Feasibility	Develop Global	Zn-Cu-Pb-Ag	17.3	0.32	56	02/06/2023
Napier Range	Exploration	Northwest Nonferrous International Investment Co.	Pb-Zn-Ag	0.8	7.20	54	01/11/2016
Sylvania	Exploration	Discover Resources / Crest Investment	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
Salt Creek#	Feasibility	Anax Metals / Develop Global	Zn-Cu-Pb-Ag-Au	2.7	1.03	28	12/09/2022
Lennons Find	Exploration	Musketeer Mining / Orange Minerals / Individuals	Zn-Cu-Pb-Ag-Au	1.6	1.60	25	30/05/2019
Ajana – Mary Springs	Exploration	Anson Resources	Pb	0.4	6.44	25	15/07/2010
Whim Creek – Mons Cupri#	Operating	Anax Metals / Develop Global	Zn-Cu-Pb-Ag-Au	7.7	0.32	24	17/01/2022
Paulsens	Scoping	Black Cat Syndicate Ltd (100%)	Au-Cu-Ag-Sb-Pb	0.8	2.40	19	24/11/2022
Eastman^	Exploration	Peakco	Zn-Cu-Pb-Ag-Au	1.5	0.70	11	24/01/2007

Resource estimates have been rounded

* Resources are both JORC 2004 and JORC 2012

^ Resource estimate is 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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