

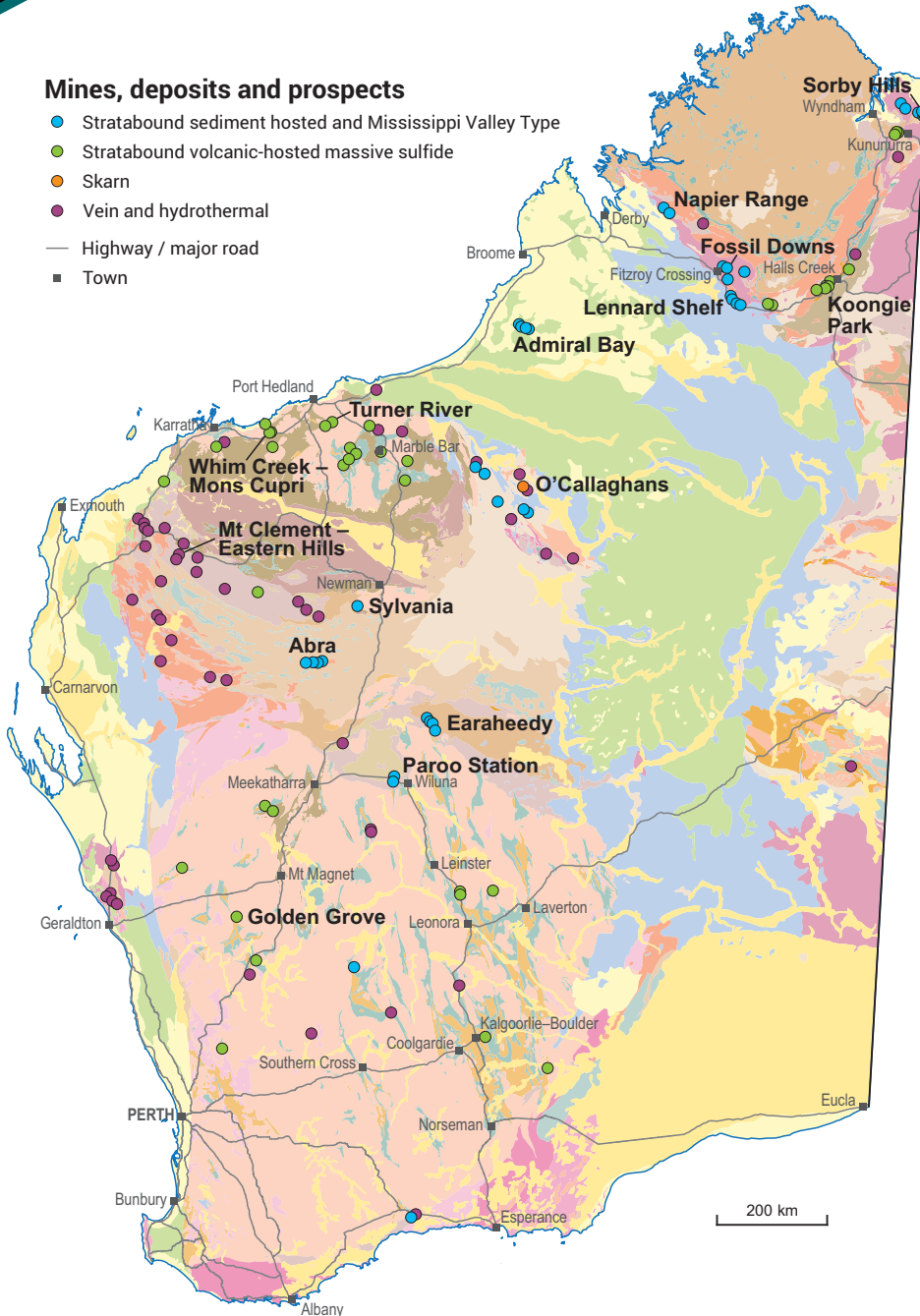
LEAD

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 Earaheedy 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 Earaheedy project intersected a broad zone of mineralization (84 m at 1.84% Zn+Pb) with multiple intersections up to 17.1% Zn+Pb

2024[†]
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
 Stratabound sediment hosted and Mississippi Valley Type

Vein and hydrothermal
 Skarn

For more information

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

MINEDEX www.dmirs.wa.gov.au/minedex

GeoVIEW.WA is a free GIS-based spatial viewer

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

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



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

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Geological Survey of
 Western Australia

