

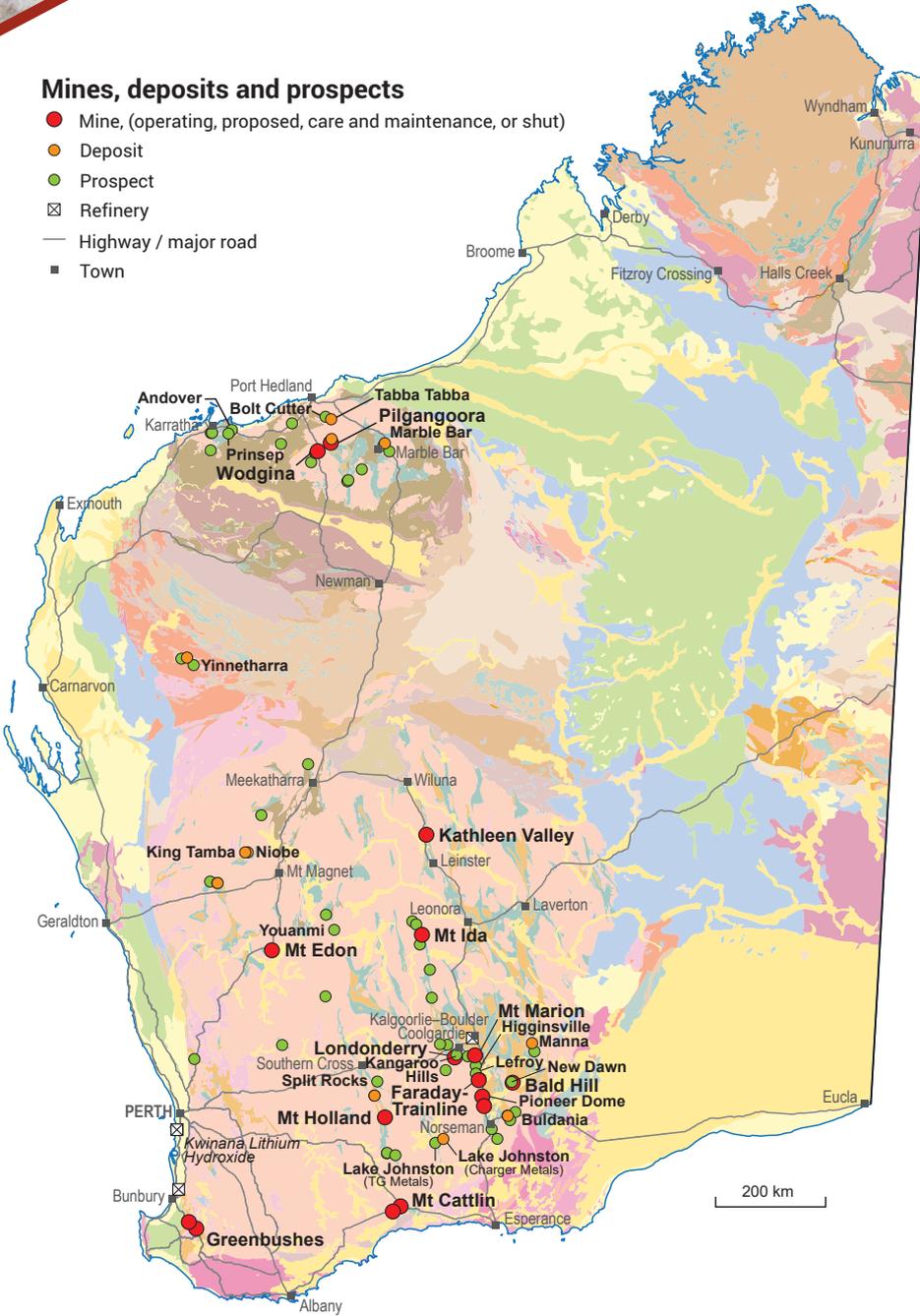
LITHIUM

INVESTMENT OPPORTUNITIES

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

Mines, deposits and prospects

- Mine, (operating, proposed, care and maintenance, or shut)
- Deposit
- Prospect
- ☒ Refinery
- Highway / major road
- Town



Western Australia possesses abundant lithium resources, affording a strategic advantage in meeting rising global demand for lithium

- As the world's largest supplier of lithium, Western Australia produces high-quality spodumene concentrate from several mining operations
- Over three million tonnes of lithium concentrate were produced in financial year 2023–24 from open pits at the Pilgangoora, Greenbushes, Mt Holland, Wodgina, Kathleen Valley, Mt Cattlin and Mt Marion Projects. Mt Cattlin is in care and maintenance as of June 2025
- At Kathleen Valley, first ore was processed in March 2024 and the first spodumene concentrate was produced in July 2024. Underground production commenced May 2025
- Construction of the Kwinana Lithium Hydroxide Refinery by Covalent Lithium was completed in July 2025. Finalisation of commissioning is ongoing
- An initial Pre-Feasibility Study for the Tabba Tabba Project was completed by Wildcat Resources in July 2025. This includes both open pit and underground mining

Recent resource updates

- Updated Mineral Resource Estimates (MRE) were released for the Greenbushes (Albemarle/Tianqui/IGO), Pilgangoora (Pilbara Minerals), Kathleen Valley (Liontown Resources), Mt Holland (SQM), Tabba Tabba (Wildcat Resources), Bald Hill (Mineral Resources), Yinnetharra (Delta Lithium), and Manna (Global Lithium) Projects
- A Maiden MRE of 8.2 Mt at 1% Li₂O was released in August 2025 for the Lake Johnston (Charger Metals) Project and 3.6 Mt at 0.07% Li₂O was released in August 2024 for the Mt Edon (Everest Metals) Project

Current Exploration

- New lithium discoveries were announced at the Youanmi (Venus Metals), Tabba Tabba (Wildcat Resources), Yinnetharra (Delta Lithium), Kangaroo Hills (Future Battery Minerals), Prinsep (Accelerate Resources), Lake Johnston (TG Metals), Higginsville (Kali Metals), Lefroy (Maximus Resources), and Bolt Cutter (Wildcat Resources) Projects
- Significant exploration results continue across many lithium projects including Lake Johnston (TG Metals), Tabba Tabba (Wildcat Resources), Yinnetharra (Delta Lithium), New Dawn (Torque Metals), Andover (Azure Minerals), Kangaroo Hills (Future Battery Minerals), and Manna (Global Lithium) Projects

Western Australia lithium statistics data (2023–24 financial year)

\$8,360 m Sales value	3,589,968 t Tonnes sold	11,386[^] Full-time employees	1st Production world ranking	\$8,684 m* Investment projects	5% Royalty rate

* Includes projects planned, possible, committed or under construction as of September 2024

[^] Total of tin, tantalum and lithium



Department of Mines,
Petroleum and Exploration

dmp.e.wa.gov.au



Geological Survey of
Western Australia

Lithium resources ranked by contained Li₂O as at October 2025

Mineral Resource Estimates reported in accordance with JORC (2012) unless otherwise stated

Project	Status	Owner	Resources (Mt)	Av. grade Li ₂ O (%)	Contained Li ₂ O (kt)	Resource date
Greenbushes	Operating	Albemarle Corporation / Tianqi Lithium / IGO	441.0	1.47	6 494	31/12/2024
Pilgangoora	Operating	Pilbara Minerals	446.0	1.28	5 720	31/03/2025
Wodgina	Operating	Albemarle Corporation / Mineral Resources	217.4	1.16	2 517	30/06/2023
Kathleen Valley	Operating	Liontown Resources	149.1	1.33	1 987	30/06/2025
Mt Holland [^]	Operating	Sociedad Química Y Minera De Chile SA / Wesfarmers	125.8	1.28	1615	31/12/2024
Mt Marion	Operating	Ganfeng Lithium Company / Mineral Resources	64.8	1.43	924	30/06/2023
Tabba Tabba	Pre-Feasibility	Wildcat Resources	75.4	0.98	741	28/11/2024
Bald Hill	Exploration	Mineral Resources	58.1	0.94	545	30/06/2024
Manna	Pre-Feasibility	Global Lithium Resources	51.6	1.00	514	12/07/2024
Yinnetharra	Exploration	Delta Lithium	39.8	0.57	227	31/03/2025
Marble Bar	Exploration	Global Lithium Resources	18.0	1.00	180	15/12/2022
Mt Ida	Exploration	Delta Lithium	14.6	1.22	178	03/10/2023
Mt Cattlin	Exploration	Rio Tinto Ltd	11.3	1.35	153	31/12/2024
Buldanía	Exploration	Liontown Resources	15.0	0.97	145	08/11/2019
Pioneer Dome	Scoping	Develop Global	11.1	1.15	128	20/12/2022
Split Rocks	Exploration	Zenith Minerals	11.9	0.72	86	28/09/2023
Lake Johnston	Exploration	Charger Metals / Livium	8.3	1.00	83	18/08/2025
Londonderry	Exploration	ARM Mining	10.3	0.30	31	25/07/2018
Faraday–Trainline	Exploration	Win Metals	1.96	0.69	13	08/11/2023
Niobe	Exploration	Aldoro Resources	4.6	0.07	3	12/10/2022
Mt Edon	Scoping	Everest Metals Corporation	3.6	0.07	3	20/08/2024
King Tamba	Exploration	Krakatoa Resources	5.0	0.05	3	09/03/2023

Resource estimates have been rounded

[^] Mineral Resource is not reported in accordance with JORC 2012 but is CRIRSCO compliant

Spatial and resource estimates data sourced from WA Mines and Mineral Deposit database (MINEDEX)

Lithium in Western Australia

- Western Australia is the world's largest supplier of lithium, producing high-quality spodumene concentrate from several mines and is one of the largest lithium mineral resource holders
- In Western Australia, hard-rock lithium minerals from pegmatites include spodumene, lepidolite, zinnwaldite, petalite, and holmquistite
- Lithium is used as a component of rechargeable lithium-ion batteries – driven by the growth of electric vehicle and energy storage system markets



A sample of lithium-bearing pegmatite

For more information

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

MINEDEX

www.dmpe.wa.gov.au/minedex

GeoVIEW.WA is a free GIS-based spatial viewer

GeoVIEW.WA

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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