

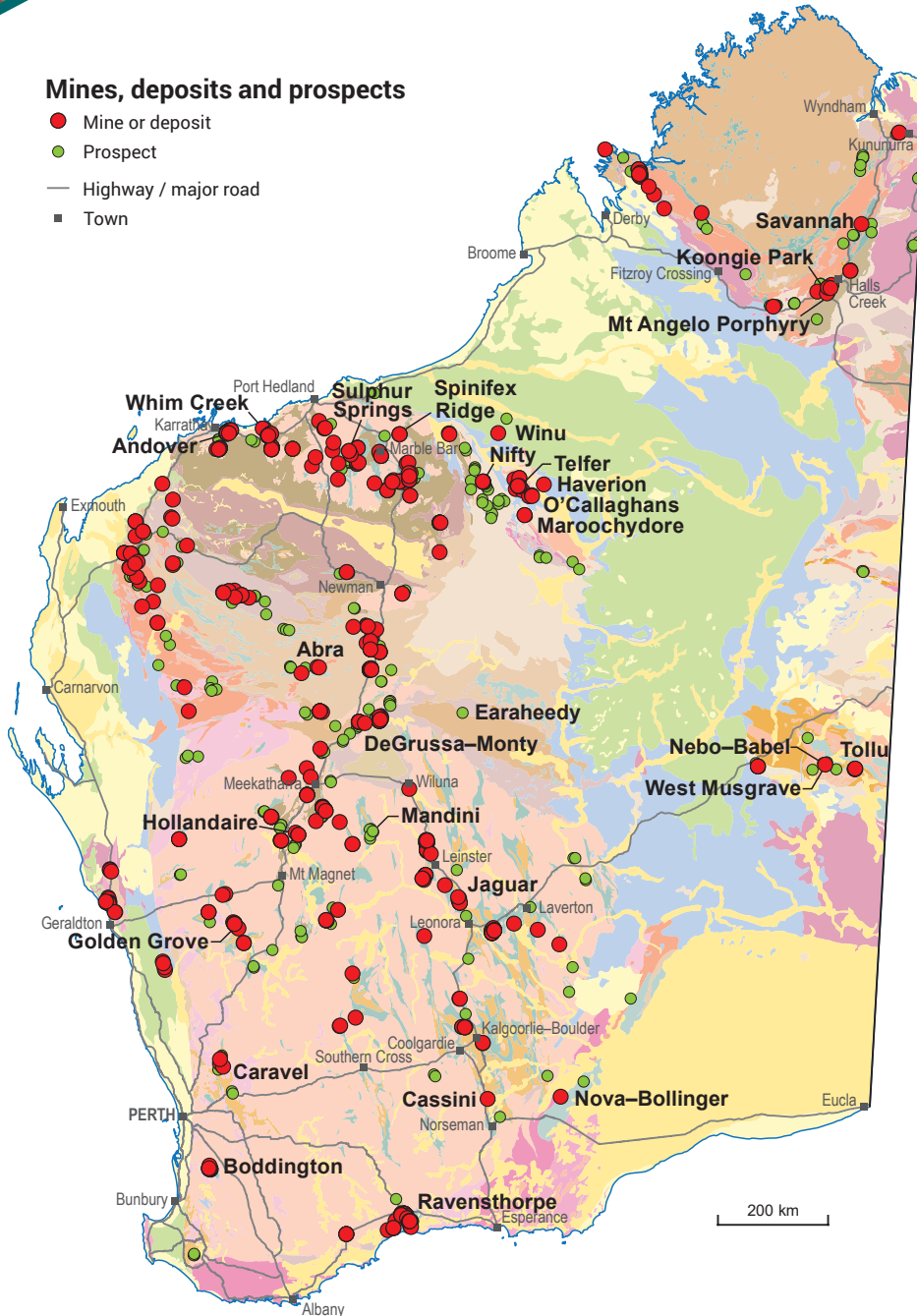
COPPER

INVESTMENT OPPORTUNITIES

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

Mines, deposits and prospects

- Mine or deposit
- Prospect
- Highway / major road
- Town



Western Australia hosts world-class copper deposits

- Current Western Australian resources of over 14 Mt of contained copper
- In 2021–22, a total of 153 321 tonnes of copper were produced from Golden Grove, DeGrussa–Monty, Boddington, Telfer, Savannah, Nova–Bollinger, Cassini and Jaguar mines
- Construction continues at Newmont's Haverion deposit (Paterson Orogen) with an updated mineral resource estimate recently released and Feasibility Study underway
- Construction commenced recently on the West Musgrave (Oz Minerals) project to produce a nickel and copper concentrate over a 24-year mine life

New resources and reserves

- Maiden Mineral Resource Estimates announced for Andover (Azure Minerals) and Beta-Sorby Hills (Boab Metals)
- Maiden Ore Reserve was released for the Caravel Copper Project, confirming it to be one of Australia's largest undeveloped copper deposits

Recent discoveries

- Copper discoveries are still being made, including at Manindi (Kultarr, Brushtail prospects), Earaheedy (Tonka prospect), Koongie Park (Cosmo prospect), Andover (Skyline prospect)
- Most of Western Australia's Archean and Proterozoic terranes are prospective for copper

\$1963 m
Sales value



153 321 t
Tonnes sold



2024**
Full-time employees



\$2901 m*
Investment projects



(2021–22 financial year)

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

** Total for copper, lead and zinc

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

Geological Survey of
Western Australia



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Projects with copper resources – ranked by contained copper >40 kt

Resources estimated according to JORC 2012

	Project	Status	Owner	Commodity	Resources (Mt)	Av. grade (%)	Contained Cu (kt)	Resource date
	Caravel–Calingiri	Pre-feasibility	Caravel Minerals	Cu–Mo–Ag–Au	1180.5	0.24	2836	26/11/2021
	Paterson–Winu	Exploration	Rio Tinto	Cu–Au	608.0	0.41	2477	31/12/2021
	West Musgrave	Pre-feasibility	Oz Minerals	Cu–Ni	545.1	0.41	2217	23/09/2022
	Golden Grove	Operating	29Metals	Zn–Cu–Pb–Ag–Au	58.5	1.64	958	31/12/2021
	Nifty	Scoping	Cyprium Metals	Cu	95.1	0.99	941	16/05/2022
	Spinifex Ridge*	Exploration	Young Australian Mines	Mo–Cu	1051.3	0.08	798	10/02/2012
	Maroochydore	Exploration	Cyprium Metals	Cu–Co	48.6	1.00	485	31/03/2016
	Julimar	Exploration	Chalice Mining	Pt–Pd–Au–Ni–Cu–Co	348.0	0.41	365	08/07/2022
	Telfer*	Operating	Newcrest Mining	Au–Cu	157.6	0.21	330	30/06/2022
	Boddington	Operating	Newmont	Au–Cu	280.0	0.11	307	31/12/2021
	O'Callaghans	Pre-feasibility	Newcrest Mining	Cu–Zn–Pb	78.0	0.28	222	31/12/2017
	Paterson–Havieron	Under development	Newcrest Mining / Greatland Gold	Au–Cg	92.0	0.24	217	03/03/2022
	DeGrussa–Monty	Operating	Sandfire Resources	Cu–Au	3.4	5.61	191	31/12/2020
	Sulphur Springs	Feasibility	Develop Global	Zn–Cu–Pb–Ag	17.3	1.03	178	06/09/2022
	Thaduna	Exploration	Sandfire Resources	Cu–Ag	8.2	2.09	171	31/12/2016
	Parks Reef	Exploration	Podium Minerals	Pt–Pd–Rh–Ir–Au–Ni–Cu–Co	143.0	0.07	127	31/10/2022
	Nanadie Well	Exploration	Cyprium Metals	Cu–Au	40.4	0.40	162	19/07/2022
	Citadel	Exploration	Antipa Minerals / Rio Tinto	Au–Cu–Ag–W	108.1	0.15	159	17/05/2021
	Horseshoe Lights	Exploration	Horseshoe Metals	Cu–Au–Ag	14.5	0.95	138	31/12/2014
	Savannah	Operating	Panoramic Resources	Ni–Cu–Co	13.3	0.70	93	22/07/2021
	Mt Mulgine	Pre-feasibility	Tungsten Mining	W–Mo–Au–Ag–Cu	247.0	0.04	92	04/05/2020
	Koongie Park	Exploration	Auking Mining / Anglo Australian Resources	Zn–Cu–Pb–Ag–Au	8.9	1.00	89	07/04/2022
	Nova–Bollinger	Operating	IGO	Ni–Cu–Co	11.2	0.62	69	31/12/2021
	Jerdacuttup	Exploration	Medallion Metals	Au–Ag–Cu	5.6	1.21	68	01/03/2018
	Whim Creek – Mons Cupri	Operating	Anax Metals / Develop Global	Zn–Cu–Pb–Ag–Au	7.7	0.89	68	17/01/2022
	Teutonic Bore – Jaguar	Exploration	Aeris Resources	Zn–Cu–Ag–Au	6.6	1.00	66	30/06/2022
	Minyari Dome	Scoping	Antipa Minerals	Au–Cu–Ag	33.9	0.19	64	02/05/2022
	Carlow Castlae	Exploration	Artemis Resources	Au–Cu–Co	8.7	0.73	64	13/10/2022
	Pardoo–Highway*	Exploration	Mantle Minerals	Ni–Cu–Co	50.0	0.13	63	31/03/2010
	Panton	Feasibility	Future Metals	Pt–Pd–Au–Ni–Cu–Co	128.9	0.04	49	26/06/2020
	Ravensthorpe Gold	Feasibility	Medallion Metals	Au–Cu	16.5	0.28	47	14/06/2022
	Whundo Base Metals	Exploration	Greentech Metals	Cu–Zn–Ag	3.6	1.18	42	11/05/2022

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

Orthomagmatic mafic and ultramafic

Porphyry related

Stratabound sediment hosted

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

October 2022

Geological Survey of Western Australia

