

lead, zinc, silver

Important notes

- World class SEDEX-style shale-hosted zinc-lead-silver deposit at McArthur River.
- Major new high-grade zinc discovery at Teena, close to McArthur River.
- High prospectivity for further shale-hosted deposits in McArthur Basin.
- Mississippi Valley-style deposits in Palaeozoic basins, including Manbarrum project in Bonaparte Basin.
- High greenfields potential for volcanogenic massive-sulfide and Broken Hill-style deposits in Arunta Region.



McArthur River ore

current activity

operating mine

region	mine	annual production	current resource	company
McArthur Basin	McArthur River	200.2 kt Zn, 42.1 kt Pb, 1.46 Moz Ag (2016)	190 Mt @ 9.6% Zn, 4.5% Pb, 46 g/t Ag	Glencore PLC

advanced projects

region	deposit	resource	company
Arunta Region	Jervois	3.8 Mt @ 3.7% Pb, 1.2% Zn, 0.72% Cu, 67.5 g/t Ag	KGL Resources Ltd
Bonaparte Basin	Djibitgum (Manbarrum)	6.7 Mt @ 1.8% Zn, 0.6% Pb, 14 g/t Ag	Todd River Resources Ltd
	Sandy Creek (Manbarrum)	22.5 Mt @ 1.8% Zn, 0.5% Pb, 4.6 g/t Ag	Todd River Resources Ltd
McArthur Basin	Myrtle	43.6 Mt @ 4.1% Zn, 0.9% Pb	Teck Australia Ltd
	Teena	58 Mt @ 11.1% Zn, 1.6% Pb	Teck Australia Ltd
Pine Creek Orogen	Browns Sulphide	45.1 Mt @ 3.74% Pb, 0.73% Zn, 0.35% Cu, 0.09% Co, 0.07% Ni	Compass Resources Ltd
	Iron Blow	2.53 Mt @ 4.71% Zn, 0.78% Pb, 0.26% Cu, 2.1 g/t Au, 122 g/t Ag	PNX Metals Ltd
	Mount Bonnie	1.54 Mt @ 3.76% Zn, 1.12% Pb, 0.22% Cu, 1.34 g/t Au, 127 g/t Ag	PNX Metals Ltd
Warramunga Province	Explorer 108	11.87 Mt @ 2% Pb, 3.23% Zn and 11.12 g/t Ag	Westgold Resources Ltd

undeveloped projects

region	deposit	resource	company
McArthur Basin	Bulman	1.2 Mt @ 11.0% Zn and 6.5% Pb*	Admiralty Resources NL
	Coxco	7.8 Mt @ 4.2% Zn and 1.0% Pb*	Glencore PLC

* - denotes non-JORC-compliant resource

recent exploration highlights

region	deposit	drill intersection	company
McArthur Basin	Teena	38.8 m @ 14.65% Zn, 2.30% Pb including 20.0 m @ 19.37% Zinc and 3.07% Pb	Teck Australia Ltd
Pine Creek Orogen	Iron Blow	16 m @ 10.70% Zn, 2.42% Pb, 256 g/t Ag, 4.80 g/t Au, 0.37% Cu	PNX Metals Ltd,
	Mount Bonnie	22 m @ 7.42% Zn, 143 g/t Ag, 1.24% Pb, 2.33 g/t Au, 0.34% Cu	PNX Metals Ltd
Amadeus Basin	Inkheart	5 m @ 159 g/t Ag, 4.2% Pb, 2.0% Zn	Core Exploration Ltd

Other companies with exploration projects include: Marindi Metals Ltd, Ripple Resources, GPM Metals Inc., MMG Ltd, Pacifico Minerals Ltd, Sandfire Resources NL.

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