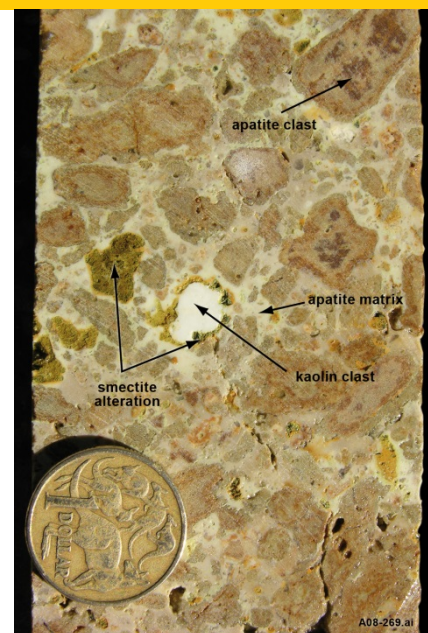


rare earth elements, lithium, cobalt, mineral sands

important notes

- Large fluorapatite-hosted rare earths deposit at Nolans Bore in central Australia, containing high value neodymium and praseodymium.
- Large alluvial rare earths resource defined at Charley Creek in central Australia with high heavy REE content.
- Rare earths potential of the Territory remains largely untested.
- Bynoe pegmatite field is a newly discovered lithium field with multiple high-grade spodumene-bearing pegmatites, close to infrastructure.
- Exploration underway targeting sediment-hosted cobalt-dominated mineralisation in the McArthur Basin.
- Undeveloped zircon and ilmenite sand deposits.



Nolans Bore breccia

current activity

advanced projects

region	deposit	resource	company
Pine Creek Orogen	Grants	2.03 Mt @ 1.5% Li ₂ O	Core Exploration Ltd
	BP33	1.4 Mt @ 1.4% Li ₂ O	Core Exploration Ltd
	Browns oxide	9.4 Mt @ 0.14% Co, 0.82% Cu, 0.14% Ni	Northern Territory Resources Pty Ltd
Arunta Region	Nolans Bore	56 Mt @ 2.6% REO, 11% P ₂ O ₅ , 0.02% U ₃ O ₈	Arafura Resources Ltd
	Charley Creek	805 Mt @ 0.029% REO	Crossland Strategic Metals Ltd
Money Shoal Basin	Kilimiraka	56.2 Mt @ 1.6% heavy minerals	MZI Resources Ltd
	Puwanapi	1.77 Mt @ 1.13% zircon, 2.52% ilmenite, 0.62% rutile	MZI Resources Ltd
McArthur Basin	Sill 80	Not published	Australian Ilmenite Resources Pty Ltd
	Stanton	0.94 Mt @ 0.13% Co, 0.12% Cu, 0.061% Ni	Northern Cobalt Ltd

recent exploration highlights

region	deposit	drill intersection	company
Pine Creek Orogen	BP33	75 m @ 1.68% Li ₂ O	Core Exploration Ltd
	Hang Gong	5.5 m @ 2.2% Li ₂ O	Core Exploration Ltd
	Grants	53 m @ 1.69% Li ₂ O	Core Exploration Ltd
	Sandras	27 m @ 1.45% Li ₂ O	Core Exploration Ltd
	Lei	12 m @ 1.43% Li ₂ O	Kingston Resources Ltd
McArthur Basin	Stanton	25.4 m @ 0.24% Co, 0.11% Cu, 0.13% Ni	Northern Cobalt Ltd
		20.8 m @ 0.31% Co, 0.1% Cu, 0.17% Ni	
Warramunga Province	Jasper Hill	14 m @ 0.28% Co, 2.17% Cu, 6.72g/t Au,	Emmerson Resources Ltd

Other companies with exploration projects include: Northern Minerals Ltd, Todd River Resources Ltd, Lithium Australia NL.

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