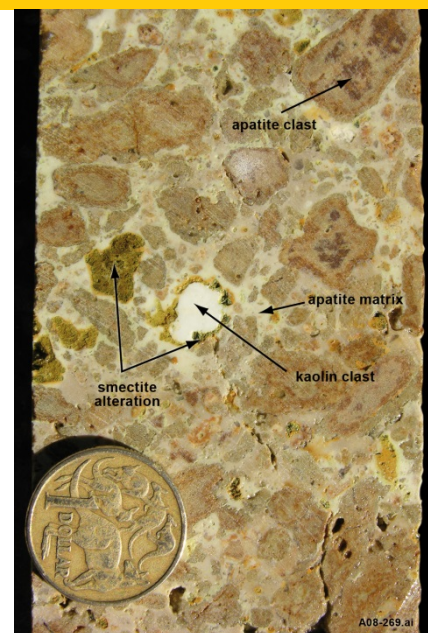


rare earth elements, lithium, mineral sands

important notes

- Large fluorapatite-hosted rare earths deposit at Nolans Bore in central Australia, targeting annual production of 20 000 t REO.
- Large alluvial rare earths resource defined at Charley Creek in central Australia with high REE content.
- Rare earths potential of the Territory remains largely untested.
- High Nb, Ta, REE and U reported from pegmatites in the Harts Range area of the Arunta Region.
- Bynoe pegmatite field has spodumene-bearing pegmatites with limited historical exploration for Li



Nolans Bore breccia

current activity

advanced projects

region	deposit	resource	company
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

undeveloped deposits

region	deposit	resource	company
McArthur Basin	Sill 80	33 Mt @ 6 % ilmenite (Non JORC resources)	Australian Ilmenite Resources Pty Ltd

recent exploration highlights

region	deposit	resource	company
Pine Creek Orogen	BP33	16 m @ 1.1% Li ₂ O	Liontown Resources Ltd
	BP33	34 m @ 1.60% Li ₂ O	Core Exploration Ltd
Far West North		45 m @ 1.57% Li ₂ O	Core Exploration Ltd
		17 m @ 1.12% Li ₂ O	
Grants		48 m @ 1.53% Li ₂ O	Core Exploration Ltd
Sandras		28 m @ 1.0% Li ₂ O	Liontown Resources Ltd

Other companies with exploration projects include: Northern Minerals Ltd, Monax Mining Ltd, Kingston Resources Ltd

rare earth elements, tantalum, niobium, lithium

