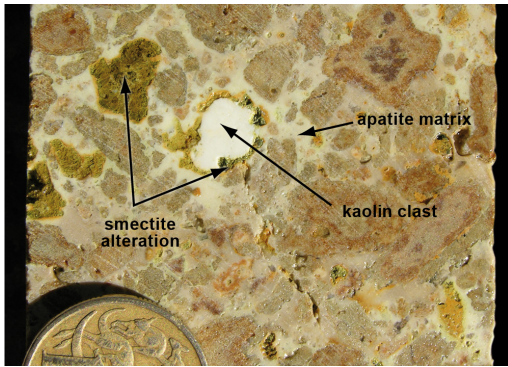


RESOURCING THE TERRITORY

Critical Minerals

Lithium, Rare Earth Elements, Cobalt,
Tungsten, Molybdenum, Vanadium,
Nickel, Titanium, Magnesium



- The Northern Territory has significant emerging critical minerals projects with potential for near term production.
- Nolans rare earths project plans to produce NdPr oxide, cerium hydroxide and mixed middle-heavy rare earth carbonate products. Environmental approvals in place.
- Finnis lithium project contains numerous deposits of high-grade spodumene-bearing pegmatites, close to Darwin port.
- Large vanadium magnetite resource at Mount Peake, with plans to produce high purity vanadium, titanium and iron products.
- Molyhil tungsten-molybdenum project enhanced by new tungsten resources at Samarkand and White Violet.
- High greenfields nickel-cobalt potential in the Aileron Province in central Australia.

In approvals

Region	Project	Resource	Company
Aileron Province	Mount Peake	160.4 Mt @ 0.28% V ₂ O ₅ , 5.3% TiO ₂ , 23% Fe	TNG Ltd
	Nolans	56 Mt @ 2.6% REO, 11% P ₂ O ₅	Arafura Resources Ltd
	Molyhil	4.71 Mt @ 0.28% WO ₃ , 0.13% Mo	Thor Mining PLC
Pine Creek Orogen	Finniss	14.7 Mt @ 1.32% Li ₂ O	Core Lithium Ltd

Under feasibility

Region	Project	Resource	Company
Aileron Province	Charley Creek	805 Mt @ 0.029% REO	Enova Mining Ltd
	Winchester	16.6 Mt @ 43.2% MgO	Korab Resources Ltd
	Huandot	9.1 Mt @ 44.3% MgO	Thessally Resources Ltd
Pine Creek Orogen	Browns Sulfide	45.1 Mt @ 0.35% Cu, 3.74% Pb, 0.73% Zn, 0.09% Co, 0.07% Ni	Northern Territories Resources Pty Ltd
	Browns Oxide	9.4 Mt @ 0.82% Cu, 0.14% Co, 0.14% Ni	
Warramunga Province	Rover 1	6.9 Mt @ 1.74 g/t Au, 2.07 g/t Ag, 1.2% Cu, 0.14% Bi, 0.06% Co	Castile Resources Ltd
Ngalia Basin	Bigtlyi	7.5 Mt @ 0.13% U ₃ O ₈ , 0.12% V ₂ O ₅	Energy Metals Ltd

JORC resources

Region	Deposit	Resource	Company
Aileron Province	Samarkand	0.245 Mt @ 0.19% WO ₃ , 0.13% Cu	Thor Mining PLC
	White Violet	0.495 Mt @ 0.22% WO ₃ , 0.06% Cu	
McArthur Basin	Stanton	0.94 Mt @ 0.13% Co, 0.12% Cu, 0.061% Ni	Resolution Minerals Ltd
Irindina Province	Basil	26.5 Mt @ 0.57% Cu, 0.05% Co	Mithril Resources Ltd

Exploration results

Region	Prospect	Exploration results	Company
Aileron Province	Molyhil	92.6m @ 1.0% WO ₃ , 0.16% Mo, 0.13% Cu	Thor Mining PLC
	Nolans	60.63m @ 4.7% TREO and 22% P ₂ O ₅	Arafura Resources Ltd
	Jervois Vanadium	49m @ 0.96% V ₂ O ₅ , 8.55% TiO ₂ , 34.5% Fe	
	Grimlock	4m @ 0.6% Co, 0.49% Ni	IGO Ltd
	Samarkand	15m @ 0.44% WO ₃ , 11m @ 0.61% WO ₃	Thor Mining PLC
	White Violet	29m @ 0.70% WO ₃	
McArthur Basin	Stanton	20.8m @ 0.31% Co, 0.1% Cu, 0.17% Ni	Resolution Minerals Ltd
Davenport Province	Hatches Creek	9m @ 2.03% WO ₃ , 0.18% Cu	GWR Group
Pine Creek Orogen	BP33	107m @ 1.7% Li ₂ O	Core Lithium Ltd
Warramunga Province	Rover 1	30.4m @ 35.6 g/t Au, 1.46% Cu, 0.18% Bi, 0.09% Co & 3.31 g/t Ag	Castile Resources Ltd

Critical Minerals in Australia's Northern Territory

