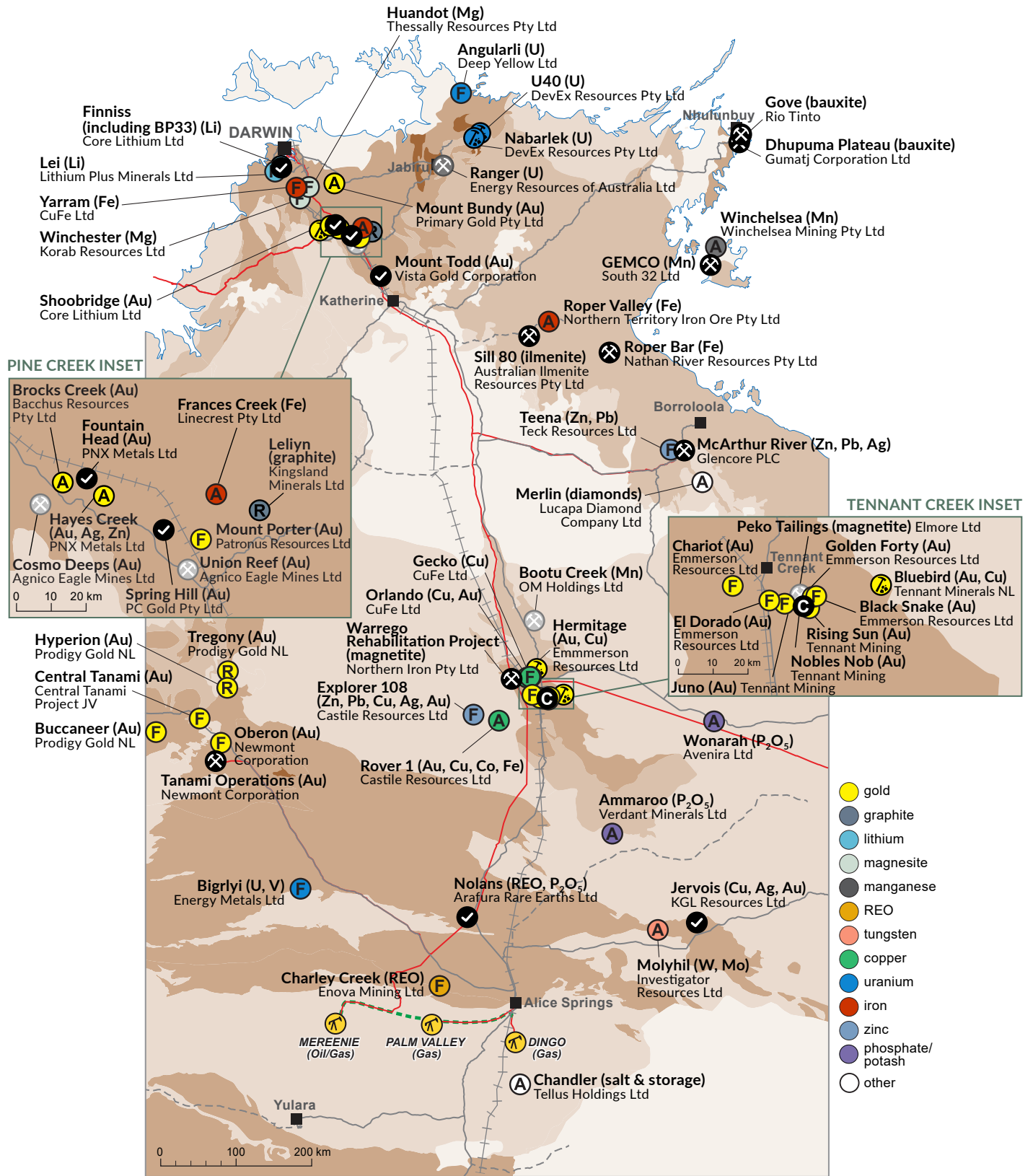


# RESOURCING THE TERRITORY

# Northern Territory major mines and projects



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## Operating mines

Commodity	Name	Annual production	Resource	Company	Website
Bauxite	Gove	11.6 Mt bauxite (2023)	67.4 Mt @ 49.7% Al <sub>2</sub> O <sub>3</sub>	Rio Tinto	<a href="http://riotinto.com">riotinto.com</a>
	Dhupuma Plateau	Average production rate of 0.7–0.8 million tonnes pa	JORC resource not publicly announced	Gulkula Mining Pty Ltd	<a href="http://gulkula.com">gulkula.com</a>
Gold	Tanami Operations	13.7 t Au (483,000 ounces Au) (2022–23)	87.9 Mt @ 3.5 g/t Au	Newmont Corporation	<a href="http://newmont.com">newmont.com</a>
Ilmenite	Sill 80	47,500 t ilmenite (2022–23)	JORC resource not publicly announced	Australian Ilmenite Resources Pty Ltd	<a href="http://ilmenite.com.au">ilmenite.com.au</a>
Iron Ore	Roper Bar	Re-commenced	279 Mt @ 41.5% Fe including 28 Mt DSO @ 59.4% Fe	Nathan River Resources Pty Ltd	<a href="http://nathan-river.com">nathan-river.com</a>
Magnetite	Warrego Rehabilitation Project	1.2 Mtpa magnetite concentrate (wet tonnes)	9.11 Mt @ 35% Fe, 0.21% Cu, 0.48 ppm Au	Northern Iron Pty Ltd	<a href="http://northern-iron.com.au">northern-iron.com.au</a>
Manganese	GEMCO	5.9 Mt Mn concentrate (2022–23)	123 Mt @ 43.6% Mn (ROM) and 12 Mt @ 20% Mn (Sands)	South 32 Ltd	<a href="http://south32.net">south32.net</a>
Zinc, lead, silver	McArthur River	262,200 t Zn 50,400 t Pb, 1.292 Moz Ag (2023)	140 Mt @ 9.81% Zn, 4.42% Pb, 44.9 g/t Ag	Glencore PLC	<a href="http://mcarthurrivermine.com.au">mcarthurrivermine.com.au</a>

## Developing projects

### In construction

Commodity	Name	Resource	Company	Website
Gold	Nobles Nob	>500 000 ounces (including Tennant Mining – Emmerson Resources JV resources)	Tennant Mining	<a href="http://tennantmining.com.au">tennantmining.com.au</a>

### Approvals in place

Commodity	Name	Resource	Company	Website
Copper, Silver, Gold	Jervois	23.37 Mt @ 2.02% Cu, 26 g/t Ag, 0.26 g/t Au	KGL Resources Ltd	<a href="http://kgresources.com.au">kgresources.com.au</a>
Gold	Spring Hill	25.6 Mt @ 1.00 g/t Au (0.5 g/t Au cutoff)	PC Gold Pty Ltd	<a href="http://pcgold.com.au">pcgold.com.au</a>
	Mount Todd	364.4 Mt @ 0.81 g/t Au	Vista Gold Corporation	<a href="http://vistagold.com">vistagold.com</a>
	Fountain Head	2 Mt @ 1.5 g/t Au (Fountain Head); 2.1 Mt @ 1.2 g/t Au (Glencoe) 94 kt @ 2 g/t Au (Tally Ho)	Patronus Resources Ltd	<a href="http://patronusresources.com.au">patronusresources.com.au</a>
Lithium	BP33 (Finniss)	10.5 Mt @ 1.53% Li <sub>2</sub> O	Core Lithium Ltd	<a href="http://corelithium.com.au">corelithium.com.au</a>
Rare Earth Elements, Phosphate	Nolans	56 Mt @ 2.6% REO, 11% P <sub>2</sub> O <sub>5</sub>	Arafura Rare Earths Ltd	<a href="http://arultd.com">arultd.com</a>

### In approvals process

Commodity	Name	Resource	Company	Website
Diamonds	Merlin	27.8 Mt @ 0.16 ct/t diamonds	Lucapa Diamond Company Ltd	<a href="http://lucapa.com.au">lucapa.com.au</a>
Gold	Brocks Creek	4.2 Mt @ 0.75 g/t Au (Woolwonga Mineralised Waste) 10.9 Mt @ 0.9 g/t Au (Woolwonga Hard Rock) 20.1 Mt @ 0.9 g/t Au (Brocks Creek Hard Rock) excludes Rising Tide and Zappopan Deposits	Bacchus Resources Pty Ltd	
	Mount Bundy	109 Mt @ 0.9 g/t Au (Rustlers & Quest OP) 1.1 Mt @ 8.9 g/t Au (Toms Gully UG)	Primary Gold Pty Ltd	
Gold, Copper, Cobalt, Magnetite	Rover 1	5.58 Mt @ 1.76 g/t Au, 1.49% Cu, 0.07% Co, 23.2% magnetite	Castile Resources Ltd	<a href="http://castile.com.au">castile.com.au</a>
Gold, Silver, Zinc	Hayes Creek	4.1 Mt @ 4.35% Zn, 1.81 g/t Au, 124 g/t Ag, 0.91% Pb and 0.25% Cu	Patronus Resources Ltd	<a href="http://patronusresources.com.au">patronusresources.com.au</a>
Iron Ore	Frances Creek	23 Mt @ 53% Fe	Linecrest Pty Ltd	
	Roper Valley	529.3 Mt @ 42.9% Fe incl. 41.1 Mt @ 57.8% Fe	Northern Territory Iron Ore Pty Ltd	
Manganese	Winchelsea	18.9 Mt @ 24.0% Mn (From Draft EIS)	Winchelsea Mining Pty Ltd	<a href="http://wmining.com.au">wmining.com.au</a>
	Wonarah	66 Mt @ 30% P <sub>2</sub> O <sub>5</sub> (27% cut-off); 812 Mt @ 18.1% P <sub>2</sub> O <sub>5</sub> (15% cut-off)	Avenira Ltd	<a href="http://avenira.com">avenira.com</a>
Phosphate	Ammaroo	1.145 Mt @ 14% P <sub>2</sub> O <sub>5</sub> (10% cut-off) or 338 Mt @ 18% P <sub>2</sub> O <sub>5</sub> (15% cut-off) 138 Mt @ 15.7% P <sub>2</sub> O <sub>5</sub> (10% cut-off JORC Measured Resource)	Verdant Minerals Pty Ltd	<a href="http://verdantminerals.com.au">verdantminerals.com.au</a>
Salt & storage	Chandler	309 Mt halite (NaCl)	Tellus Holdings Ltd	<a href="http://tellusholdings.com">tellusholdings.com</a>
Tungsten, Molybdenum	Molyhil	4.65 Mt @ 0.26% WO <sub>3</sub> , 0.09% Mo	Investigator Resources Ltd	<a href="http://investres.com.au">investres.com.au</a>

## Under feasibility

Commodity	Name	Resource	Company	Website
Copper	Gecko	1.48 Mt @ 2.5% Cu		
Copper, Gold	Goanna	2.92 Mt @ 1.84% Cu, 0.17 g/t Au	CuFe Ltd	<a href="http://cufer.com.au">cufer.com.au</a>
	Orlando	2.89 Mt @ 1.3% Cu, 1.4 g/t Au		
Gold	Chariot	0.56 Mt @ 7.8 g/t Au		
	Mauretania	0.26 Mt @ 3.5 g/t Au		
	Black Snake	0.08 Mt @ 1.74 g/t Au	Emmerson Resources Ltd	<a href="http://emmersonresources.com.au">emmersonresources.com.au</a>
	Eldorado	0.445 Mt @ 4.9 g/t Au		
	Golden Forty	0.935 Mt @ 4.5 g/t Au		
	Rising Sun	JORC resource not publicly announced	Tennant Mining	<a href="http://tennantmining.com.au">tennantmining.com.au</a>
	Juno	1.3 Mt @ 4.4 g/t Au		
Iron Ore	Central Tanami Project	13.4 Mt @ 3 g/t Au	Central Tanami Project JV	<a href="http://nsrltd.com">nsrltd.com</a>
	Oberon	4.45 Mt @ 2.9 g/t Au	Newmont Corporation	<a href="http://newmont.com">newmont.com</a>
	Buccaneer	9.2 Mt @ 1.2 g/t Au	Prodigy Gold NL	<a href="http://prodigygold.com.au">prodigygold.com.au</a>
	Mount Porter	0.68 Mt @ 2.2 g/t Au	Patronus Resources Ltd	<a href="http://patronusresources.com.au">patronusresources.com.au</a>
Magnesite	Yarram	12.7 Mt at 55.4% Fe	CuFe Ltd	<a href="http://cufer.com.au">cufer.com.au</a>
	Huandot	9.1 Mt @ 44.3% MgO	Thesally Resources Pty Ltd	<a href="http://thesally.com.au">thesally.com.au</a>
Rare Earth Elements	Winchester	16.6 Mt @ 43.2% MgO	Korab Resources Ltd	<a href="http://korabresources.com.au">korabresources.com.au</a>
	Charley Creek	805 Mt @ 0.029% REO and 0.05% Zircon	Enova Mining Ltd	<a href="http://enovamining.com">enovamining.com</a>
Uranium	Angularli	1.37 Mt @ 1.09% U <sub>3</sub> O <sub>8</sub>	Deep Yellow Ltd	<a href="http://depeyellow.com.au">depeyellow.com.au</a>
	Biglyli	6.32 Mt @ 0.153% U <sub>3</sub> O <sub>8</sub> , 0.096% V <sub>2</sub> O <sub>5</sub>	Energy Metals Ltd	<a href="http://energymetals.net">energymetals.net</a>
Zinc, Lead	Teena	58 Mt @ 11.1% Zn, 1.6% Pb	Teck Resources Ltd	<a href="http://teck.com">teck.com</a>
Zinc, Lead, Copper, Silver, Gold	Explorer 108	11.9 Mt @ 3.2% Zn, 2.0% Pb, 11.1 g/t Ag	Castile Resources Ltd	<a href="http://castile.com.au">castile.com.au</a>

### Advanced and early exploration

Commodity	Name	Resource	Company	Website
Gold	Tregony	1.56 Mt @ 1.3 g/t Au	Prodigy Gold NL	<a href="http://prodigygold.com.au">prodigygold.com.au</a>
	Hyperion	8.64 Mt @ 1.5 g/t Au		
	Golden Forty	0.935 Mt @ 4.5 g/t Au	Emmerson Resources Ltd	<a href="http://emmersonresources.com.au">emmersonresources.com.au</a>
Graphite	Leliyn	194.6 Mt @ 7.3% total graphitic carbon	Kingsland Minerals Ltd	<a href="http://kingslandminerals.com.au">kingslandminerals.com.au</a>
Lithium	Lei	4.09 Mt @ 1.43% Li <sub>2</sub> O	Lithium Plus Minerals Ltd	<a href="http://lithiumplus.com.au">lithiumplus.com.au</a>
Commodity	Name	Exploration results	Company	Website
Gold	Shoobridge	2 m @ 12.9g/t Au, 12 m @ 2.93 g/t Au	Core Lithium Ltd	<a href="http://corelithium.com.au">corelithium.com.au</a>
Gold, Copper	Hermitage	20 m @ 1.5% Cu, 0.6 g/t Au, 0.7% Bi, 9.6 g/t Ag, 0.05% Co, 11 m @ 4.1 g/t Au	Emmerson Resources Ltd	<a href="http://emmersonresources.com.au">emmersonresources.com.au</a>
	Bluebird	61.8 m @ 2.3% Cu, 0.4 g/t Au, 28 m @ 1.6% Cu, 0.5 g/t Au, 2.4 g/t Ag, 0.1% Bi	Tennant Minerals Ltd	<a href="http://tennantminerals.com">tennantminerals.com</a>
Lithium	Finniss	Blackbeard: 63 m @ 1.67% Li <sub>2</sub> O Ah Hoy: 40 m @ 1.42% Li <sub>2</sub> O Seadog: 8 m @ 1.3% Li <sub>2</sub> O	Core Lithium Ltd	<a href="http://corelithium.com.au">corelithium.com.au</a>
Uranium	Nabarlek North	13 m @ 0.28% U <sub>3</sub> O <sub>8</sub>	DevEx Resources Pty Ltd	<a href="http://devexresources.com.au">devexresources.com.au</a>
	U40	27.8 m @ 0.1% U <sub>3</sub> O <sub>8</sub>		

\* currently in Care and maintenance