

IRON, BAUXITE AND MANGANESE

IMPORTANT NOTES

- Major iron resource in Roper River Iron Field
- 120 iron occurrences of potential economic importance
- World class Gove bauxite deposit
- World class Groote Eylandt manganese deposit (10% of world supply of Mn)
- 30 known bauxite occurrences of potential economic importance
- 150 known manganese occurrences of potential economic importance

CURRENT ACTIVITY

OPERATING MINES

COMMODITY	AREA	MINE	PAST PRODUCTION	CURRENT RESOURCE	COMPANY
Bauxite	Carpentaria Basin	Gove	160 Mt @ 50.5% Al_2O_3	171 Mt @ 51% Al_2O_3	Alcan Gove Pty Ltd
Manganese	Carpentaria Basin	Groote Eylandt	68 Mt @ 49% Mn	170 Mt @ 47.1% Mn	Groote Eylandt Mining Company Pty Ltd (GEMCO)
	Tennant Region	Bootu Creek	759,854 t @ 42.7% Mn	17.8 Mt @ 25.7% Mn	OM Manganese Ltd
Iron	Pine Creek	Frances Creek	9.1 Mt @ 59% Fe	9.92 Mt @ 59.3% Fe	Territory Resources Ltd
	Tennant Creek	Peko Tails	19,226 t magnetite @ 69% Fe	3.9 Mt @ 80% magnetite	Peko Rehabilitation Project Pty Ltd

SIGNIFICANT UNDEVELOPED DEPOSITS

COMMODITY	AREA	DEPOSIT	RESOURCE	COMPANY
Iron	McArthur Basin	Roper Bar	Under assessment	Western Desert Resources
		Roper River	400 Mt @ 40–64% Fe	TZ Enterprises Pty Ltd
		Batchelor	10.7 Mt @ 53.5% Fe	Territory Resources Ltd
	Tennant Region	Warrego ¹	10 Mt of magnetite tailings	Territory Resources Ltd (Arad Metals)
Bauxite	Arafura Basin	Marchinbar Island	9.94 Mt @ 46.0% Al_2O_3	Contact NT Government
		Vashon Head	9.7 Mt @ 46.2% Al_2O_3	Contact NT Government
Manganese	Carpentaria Basin	South Rosie Creek	5.0 Mt @ 25% Mn	Finching Pty Ltd

¹ Estimated recovery is 71% of magnetite @ 62.3% Fe for 4.4 Mt Fe

MAJOR IRON, BAUXITE AND MANGANESE MINERS AND EXPLORERS

- Alcan Gove Pty Ltd
- Alcoa of Australia Ltd
- Arafura Resources Ltd
- Australian Ilmenite Resources Pty Ltd
- Brumby Resources Ltd
- Compass Resources NL
- Finching Pty Ltd
- GEMCO Pty Ltd
- Gulf Alumina Pty Ltd
- Imperial Granite and Minerals Pty Ltd
- Orion Exploration Pty Ltd
- OM Manganese Ltd
- Peko Rehabilitation Project Pty Ltd
- Red Rock Resources
- Rio Tinto Ltd
- Scriven Exploration Pty Ltd
- Territory Resources Ltd
- TZ Enterprises Pty Ltd
- Western Desert Resources

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