

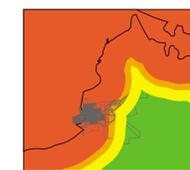
RESOURCE POTENTIAL FOR LAND USE PLANNING RAVENSTHORPE DISTRICT

Geology

- Pegmatite
- MANYUTUP TONALITE COMPLEX: tonalite, dolerite and pyroxenite
- ANNABELLE VOLCANICS: andesite to basalt volcanic rock, metamorphosed
- CHESTER FORMATION: shale to siltstone, with banded iron-formation and massive pyrite, metamorphosed

Mineral potential tract boundaries (computer generated)

- 1.2 km distance from Annabelle Volcanics
- 1.5 km distance from Annabelle Volcanics
- 2 km distance from Annabelle Volcanics



Mineral Prospectivity	Rock Unit	Distance from Annabelle Volcanics	Policy Implications for Future Land Development		
			Industrial	Rural Use	Residential
Low	Manyup Tonalite	>2 km	Yes	Yes	Yes
	Manyup Tonalite	2 km - 1.5 km	Yes	Not considered until area adequately tested for mineral resources	Not considered until area adequately tested for mineral resources
Low to moderate	Manyup Tonalite	1.5 km - 1.2 km	Only blocks >1.5 ha	Not considered until area adequately tested for mineral resources	Not considered until area adequately tested for mineral resources
	Manyup Tonalite	<1.2 km	Not considered until area adequately tested for mineral resources	Not considered until area adequately tested for mineral resources	Not considered until area adequately tested for mineral resources
High	Annabelle Volcanics	All of the area	Not permitted	Not permitted	Not permitted
	Chester Formation	All of the area	Not permitted	Not permitted	Not permitted

- Geological boundary
- Fault
- ▲ Fault, major thrust zone
- Town of Ravensthorpe, infrastructure
- Abandoned gold and/or copper workings and mines; locality name from MINEDEX and historic mining records
- Pegmatite deposits (tantalum, lithium, and tin); locality name from MINEDEX
- 1978 Mining Act tenements
- 1978 Mining Act tenement applications

Theme	Data Source	Data Currency	Agency
Geology	GSWA Report 54, Plate 1	1998	Dept of Industry and Resources
Pegmatites	Galaxy Resources Prospectus	MAR 2002	Galaxy Resources Ltd
Abandoned gold and/or copper workings and mines	Abandoned minefile database	JUN 2000	Dept of Industry and Resources
Pegmatite deposits	MINEDEX	JUN 2004	Dept of Industry and Resources
Mining Act tenements	TENGRAPH	MAR 2004	Dept of Industry and Resources
Coastline		MAR 2004	Dept of Land Information

SHEET INDEX	
6278000mN	224000mE
6278000mN	226000mE
6278000mN	228000mE
6278000mN	230000mE



Compiled by M.J. Freeman, June 2000
Updated by L.Y. Hassan, June 2004

Cartography by G. Hartley and S. Mulligan

The recommended reference for this map is:
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Western Australia Geological Survey.

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UNIVERSAL TRANSVERSE MERCATOR PROJECTION
Map Grid of Australia Zone 51

RAVENSTHORPE DISTRICT
RESOURCE POTENTIAL FOR LAND USE PLANNING

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