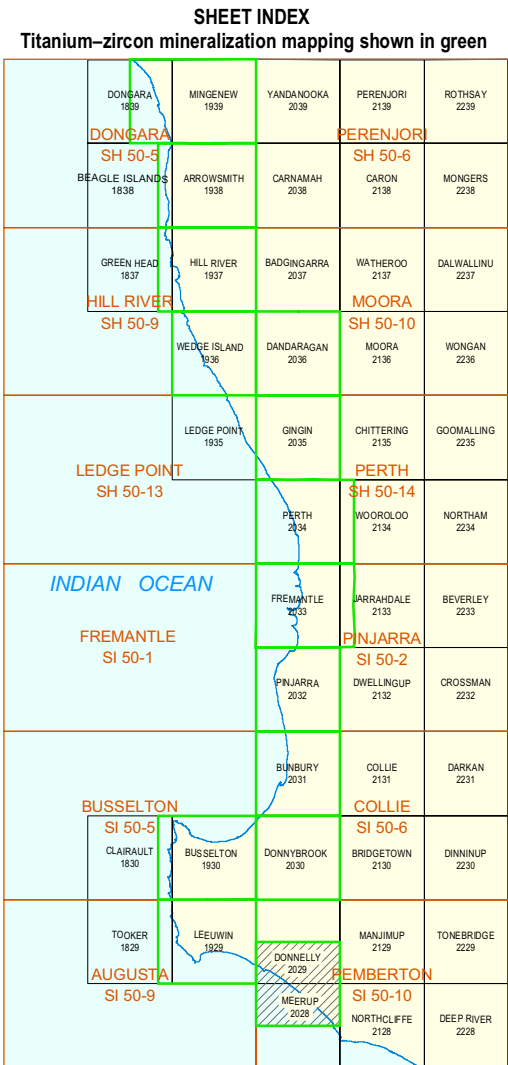


- Strategic mineral resource protection area; should be set aside for future mining
- Sterilized mineral deposit currently unlikely to be mined; not restricting land use options
- Mine; rehabilitated, under rehabilitation
- Fouracres Generalized deposit name
- Land title boundary, simplified
- Local government area boundary
- Drainage
- Sand dune

NOTE: this map shows the extent of known titanium–zircon mineralization, surrounded by an infrastructure halo, and is based on the known extent from exploration only up to the date of the publication.  
Future exploration may locate additional areas of mineralization.



1: 100 000 maps shown in black  
1: 250 000 maps shown in brown  
Search for current GSWA map products online ([www.dor.wa.gov.au/ebookshop](http://www.dor.wa.gov.au/ebookshop))

DATA DIRECTORY			
Theme	Data Source	Data Currency	Agency
Cadastral	TENGRAPH*	2005	Dept of Industry and Resources
Topographic nomenclature	GEONOMA	2005	Dept of Land Information
Topography	Landgate and GSWA	2004	Landgate
Land use planning areas	GSWA	2006	Dept of Industry and Resources

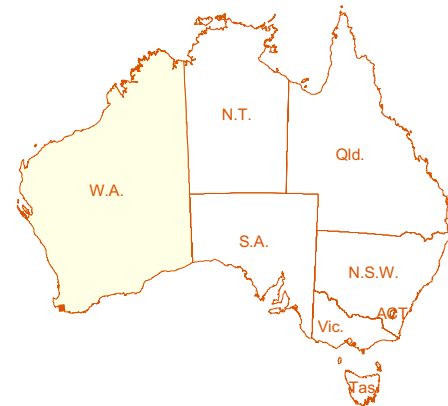
\* GSWA and DnR databases can be viewed online ([www.dor.wa.gov.au/about/gisviewer\\_launch.asp](http://www.dor.wa.gov.au/about/gisviewer_launch.asp)) or can be downloaded from the GSWA Data and Software Centre ([www.dor.wa.gov.au/GSWA/DownloadCentre](http://www.dor.wa.gov.au/GSWA/DownloadCentre))

Compiled by M. J. Freeman, 2006

Cartography by M. Kumar and A. Jones

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The recommended reference for this map is: FREEMAN, M. J., 2007, Titanium–zircon mineralization, Donnelly–Meerup. Resource potential for land use planning (1:100 000 scale). Western Australia Geological Survey



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MINISTER FOR ENERGY, RESOURCES, INDUSTRY AND ENTERPRISE

Geological Survey of  
Western Australia



TIM GREFFIN  
EXECUTIVE DIRECTOR

SCALE 1:100 000  
1000 1 2 3 4 5 6 7 8 9 10  
Metres Kilometres

UNIVERSAL TRANSVERSE MERCATOR PROJECTION  
HORIZONTAL DATUM: GEOCENTRIC DATUM OF AUSTRALIA 1994

Grid lines indicate 10 000 metre interval of the Map Grid Australia Zone 50  
The Map Grid Australia (MGA) is based on the Geocentric Datum of Australia 1994 (GDA94)  
GDA positions are compatible within one metre of the datum WGS84 positions

GEOLOGICAL SURVEY OF WESTERN AUSTRALIA  
RESOURCE POTENTIAL FOR LAND USE PLANNING

TITANIUM–ZIRCON MINERALIZATION

DONNELLY–MEERUP

PART SHEETS 2029 AND 2028 FIRST EDITION 2007  
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