



## Reef bioregion: RE4 Coastal Southern Reefs

RE4

### Bioregion Description

Moderate tidal ranges, moderate to high turbidity. Broad Sound mouth and Proserpine River influence on water quality. Varying exposure levels within the region, fairly high habitat diversity. Biologically distinct.

<b>Existing zoning within bioregion (as % of total bioregion area)</b>			<b>Bioregion area</b>	53 km <sup>2</sup>
Preservation *	Pink	<1 %	<b>Proportion of the GBRMP</b>	<1 %
Marine National Park 'B' / National Park *	Dark Green	1 %		
Marine National Park 'A' / Conservation Park	Yellow	9 %	<b>No-take Zone statistics</b>	
General Use 'B' / Habitat Protection	Dark Blue	22 %	Area of no-take zone(s)	1 km <sup>2</sup>
General Use 'A' / General Use	Light Blue	39 %	Percent of bioregion	1 %
Unzoned		8 %	Number of no-take zones	2
Island		7 %		
WHA outside the GBRMP		13 %		

\* No-take zones

### Reef size distribution

Number of reefs		113
Reef sizes	Smallest	<1 km <sup>2</sup>
	Largest	4 km <sup>2</sup>
	Average	<1 km <sup>2</sup>

### Area exposed to flooding events 1994 - 98

1,2 or 3 events	87 %
No recorded event	13 %

### Reef Geomorphology

Fringing reef	63 %
Coastal fringing reef	19 %
Submerged reef	10 %
Incipient fringing reef	6 %
Reef patch	1 %
Coastal incipient reef	1 %

### Biological - this bioregion is known to contain samples of these biological assemblages and/or habitats

Turtle nesting sites  
Turtle foraging sites

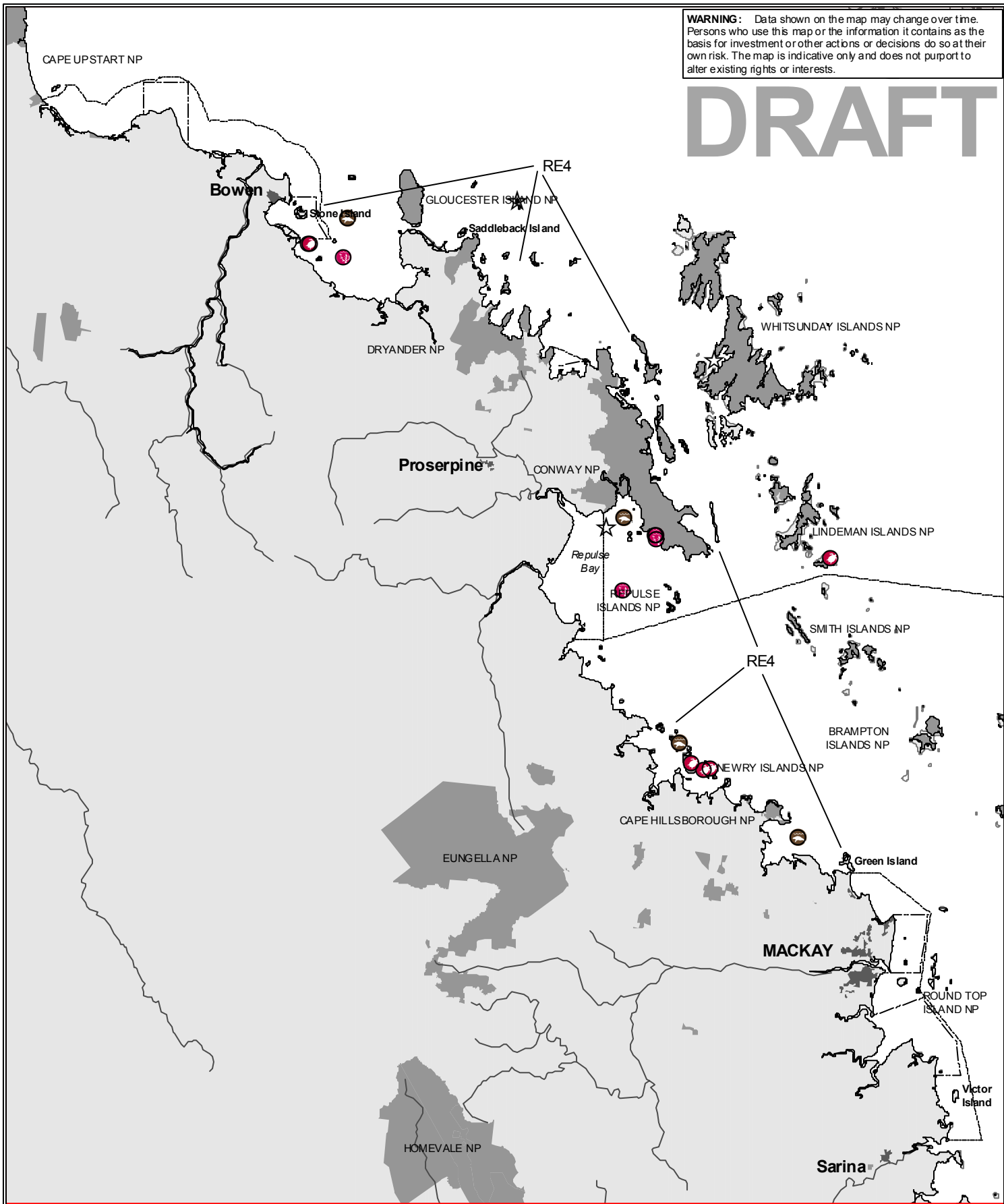
**Dugong habitats**  
Repulse Bay  
Stewart Peninsula-Newry Islands-Ball Bay














### Interim biophysically special/unique sites

Whitsundays  
Repulse Bay: northern  
Eshelby Island

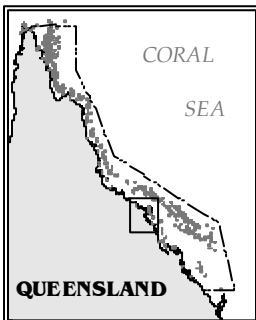
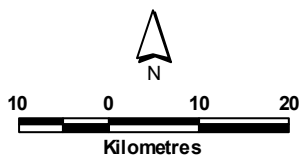
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# DRAFT



	<b>Bioregion RE4</b>		<b>Reef edge or shoal edge</b>
	<b>Existing no-take zone</b>		<b>Reef shoal</b>
	<b>National Park (State)</b>		<b>River</b>
	<b>Interim biophysically special/unique sites</b>		<b>GBRMP boundary</b>
	<b>Dugong Protection Area</b>		<b>GBRMP Section boundary</b>
	<b>Turtle nesting site</b>		<b>Built-up area</b>
	<b>Turtle foraging area</b>		

Map Produced: 13 May 2002  
 Datum: GDA94 Projection: Albers



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