



Reef bioregion: RE5 High Tidal Fringing Reefs

RE5

Bioregion Description

Very high turbidity, thus habitat for light-avoiding benthos at the base of the reefs. Strong coastal influence and unusually strong currents for inshore area, strong tidal movements and high tidal range. Well-developed fringing reefs with poor hard and soft coral communities, but rich gorgonian and algal communities.

Existing zoning within bioregion (as % of total bioregion area)			Bioregion area	173 km ²
Marine National Park 'B' / National Park *	Dark Green	1 %	Proportion of the GBRMP	<1 %
Marine National Park 'A' / Conservation Park	Yellow	3 %		
General Use 'B' / Habitat Protection	Dark Blue	20 %	No-take Zone statistics	
General Use 'A' / General Use	Light Blue	51 %	Area of no-take zone(s)	2 km ²
Unzoned		<1 %	Percent of bioregion	1 %
Island		24 %	Number of no-take zones	2

* No-take zones

Reef size distribution

Number of reefs		176
Reef sizes	Smallest	<1 km ²
	Largest	13 km ²
	Average	1 km ²

Area exposed to flooding events 1994 - 98

No recorded event	78 %
1, 2 or 3 events	23 %

Reef Geomorphology

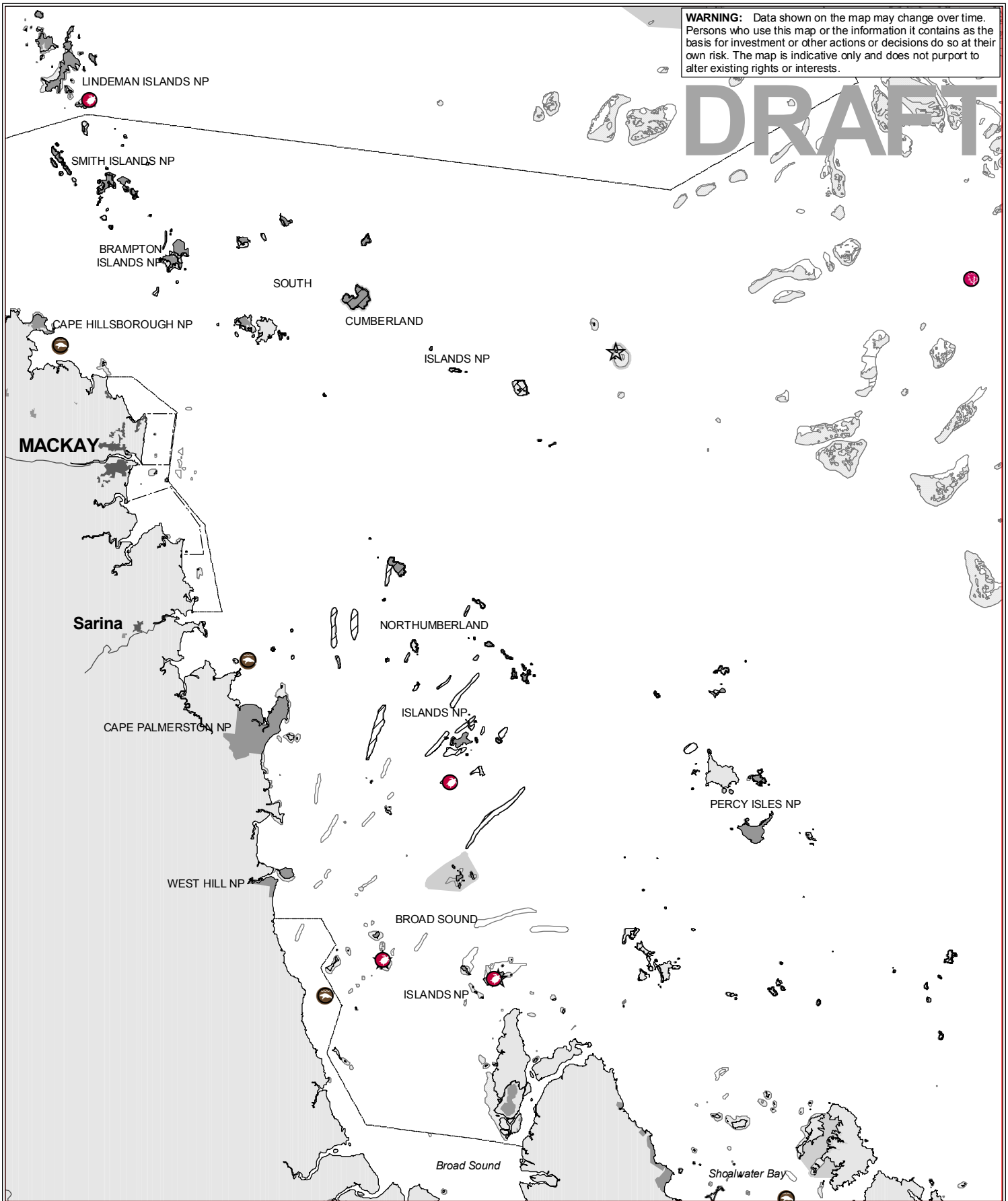
Incipient fringing reef	39 %
Fringing reef	38 %
Submerged reef	21 %
Coastal fringing reef	2 %














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

Turtle nesting sites

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	Bioregion RE5		Reef edge or shoal edge
	Existing no-take zone		Reef shoal
	National Park (State)		River
	Interim biophysically special/unique sites		GBRMP boundary
	Dugong Protection Area		GBRMP Section boundary
	Turtle nesting site		Built-up area
	Turtle foraging area		

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

