



## Reef bioregion: RK Strong Tidal Inner Mid Shelf Reefs

RK

### Bioregion Description

High turbidity and very high water column productivity. Distinct from RHW and RHE. Rich bivalve, sponge and ascidian (sea squirt) dominated communities on leeward reef slopes. Distinct fish communities (including baitfish) with lower diversity. Strongly influenced by Broad Sound tidal node.

<b>Existing zoning within bioregion (as % of total bioregion area)</b>			<b>Bioregion area</b>	919 km <sup>2</sup>
Marine National Park 'B' / National Park *	Dark Green	1 %	<b>Proportion of the GBRMP</b>	<1 %
General Use 'B' / Habitat Protection	Dark Blue	98 %		
General Use 'A' / General Use	Light Blue	<1 %	<b>No-take Zone statistics</b>	
Island		<1 %	Area of no-take zone(s)	12 km <sup>2</sup>
* No-take zones			Percent of bioregion	1 %
			Number of no-take zones	2

### Reef size distribution

Number of reefs		81
Reef sizes	Smallest	<1 km <sup>2</sup>
	Largest	85 km <sup>2</sup>
	Average	11 km <sup>2</sup>

### Area exposed to flooding events 1994 - 98

No recorded event	100 %
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### Reef Geomorphology

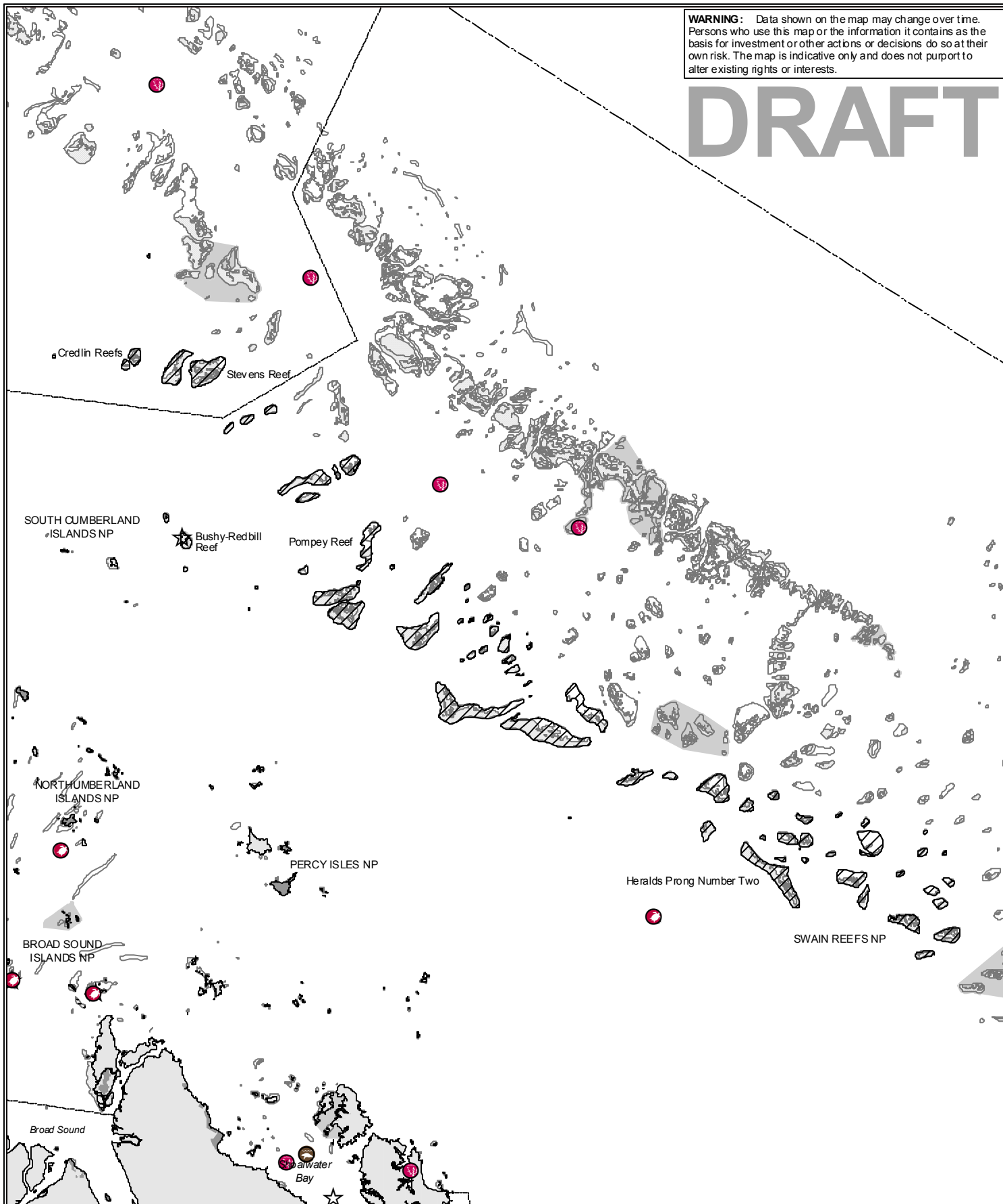
Lagoonal reef	34 %
Planar reef	33 %
Crescentic reef	15 %
Submerged reef	8 %
Reef patch	6 %
Unknown	3 %
Ribbon reef	1 %














### Interim biophysically special/unique sites

Bushy-Redbill Reef

**WARNING:** Data shown on the map may change over time. Persons who use this map or the information it contains as the basis for investment or other actions or decisions do so at their own risk. The map is indicative only and does not purport to alter existing rights or interests.

# DRAFT



 Bioregion RK	 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

