



## Non-reef bioregion: NA3 High Nutrients Coastal Strip

NA3

### Bioregion Description

Terrigenous mud and high levels of nutrients from the adjoining land. Seagrass in sheltered sites only. Good turtle and dugong feeding habitat. Wet tropical influence for much of the coast.

<b>Existing zoning within bioregion (as % of total bioregion area)</b>			<b>Bioregion area</b>	17,154 km <sup>2</sup>
Preservation *	Pink	<1 %	<b>Proportion of the GBRMP</b>	5 %
Scientific Research *	Orange	<1 %	<b>No-take Zone statistics</b>	
Marine National Park 'B' / National Park *	Dark Green	<1 %	Area of no-take zone(s)	73 km <sup>2</sup>
Buffer	Light Green	<1 %	Percent of bioregion	<1 %
Marine National Park 'A' / Conservation Park	Yellow	1 %	Number of no-take zones	13
General Use 'B' / Habitat Protection	Dark Blue	8 %		
General Use 'A' / General Use	Light Blue	53 %		
Unzoned		21 %		
Island		5 %		
WHA outside the GBRMP		10 %		

\* No-take zones

### Bathymetry

Median depth 2 m

### Area exposed to flooding events 1994 - 98

1,2 or 3 events	56 %
No recorded event	33 %
6 or 7 events	9 %
4 or 5 events	2 %

### Substrate - Grain size

Mud dominated area

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

Sponges Turtle foraging sites  
Solitary corals Turtle nesting sites  
Soft corals  
Shallow water seagrass  
Sea urchins  
Sea stars  
Sea lillies and feather stars  
Sea cucumbers  
Jellyfish  
Foraminifera  
Deep water seagrass  
Bryozoans

### Dugong habitats

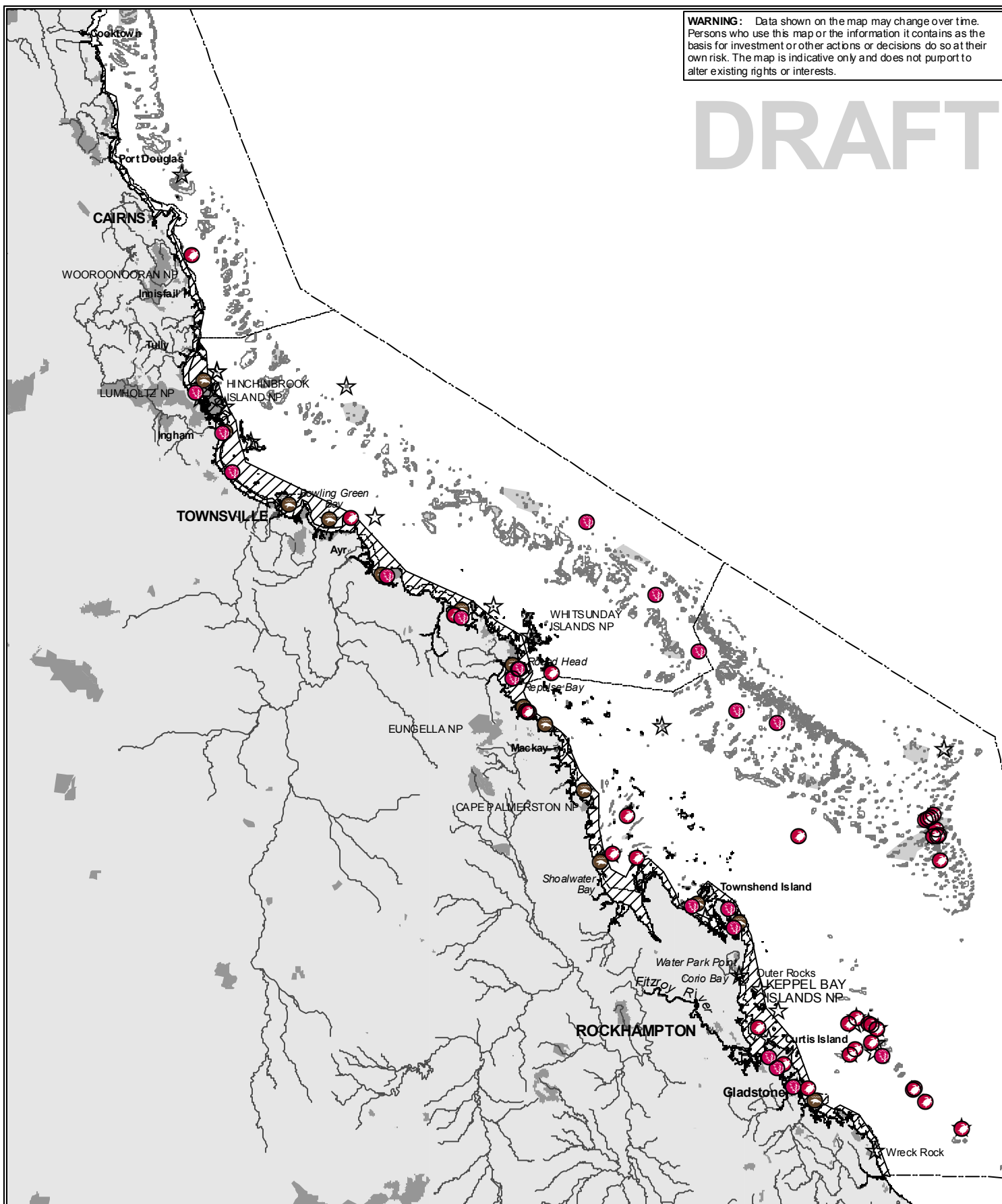
Upstart Bay  
Stewart Peninsula-Newry Islands-Ball Bay  
Shoalwater Bay  
Repulse Bay  
Port of Gladstone-Rodds Bay  
Port Clinton (Reef Point-Cape Clinton)  
Lucinda to Allingham-Halifax Bay  
Llewellyn Bay  
Ince Bay (Cape Palmerston-Allom Point)  
Hinchinbrook Island Area  
Edgecumbe Bay-Bowen  
Cleveland Bay-Magnetic Island  
Clairview Bluff-Carmilla Creek  
Bowling Green Bay  
Ball Bay-Sand Bay














### Interim biophysically special/unique sites


Shoalwater Bay Coastal: Round Head to Wreck Rock  
Repulse Bay: northern Coastal: Corio Bay and Water Park Point  
Outer Rocks Bowling Green Bay  
Hinchinbrook Region Curtis Island - South  
Hinchinbrook Island Curtis Island - North  
Hinchinbrook Channel

**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



	<b>Bioregion NA3</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>		



50 0 50 100  
Kilometres



**GREAT BARRIER REEF**  
MARINE PARK AUTHORITY

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