



## Non-reef bioregion: NL1 Outer Shelf Algae and Seagrass

NL1

### Bioregion Description

Areas of medium density seagrass and medium density algae, diverse solitary corals. High diversity of sponge species at Lizard Island and North and South Direction Groups, 28% not yet recorded elsewhere on the GBR.

Existing zoning within bioregion (as % of total bioregion area)			Bioregion area	1,452 km <sup>2</sup>
Preservation *	Pink	<1 %	<b>Proportion of the GBRMP</b>	<1 %
Marine National Park 'B' / National Park *	Dark Green	18 %		
Buffer	Light Green	2 %	<b>No-take Zone statistics</b>	
Marine National Park 'A' / Conservation Park	Yellow	1 %	Area of no-take zone(s)	261 km <sup>2</sup>
General Use 'B' / Habitat Protection	Dark Blue	42 %	Percent of bioregion	18 %
General Use 'A' / General Use	Light Blue	36 %	Number of no-take zones	3
Island		<1 %		

\* No-take zones

### Bathymetry

Median depth 29 m

### Area exposed to flooding events 1994 - 98

No recorded event 100 %

### Substrate - Grain size

Gravel dominated area

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

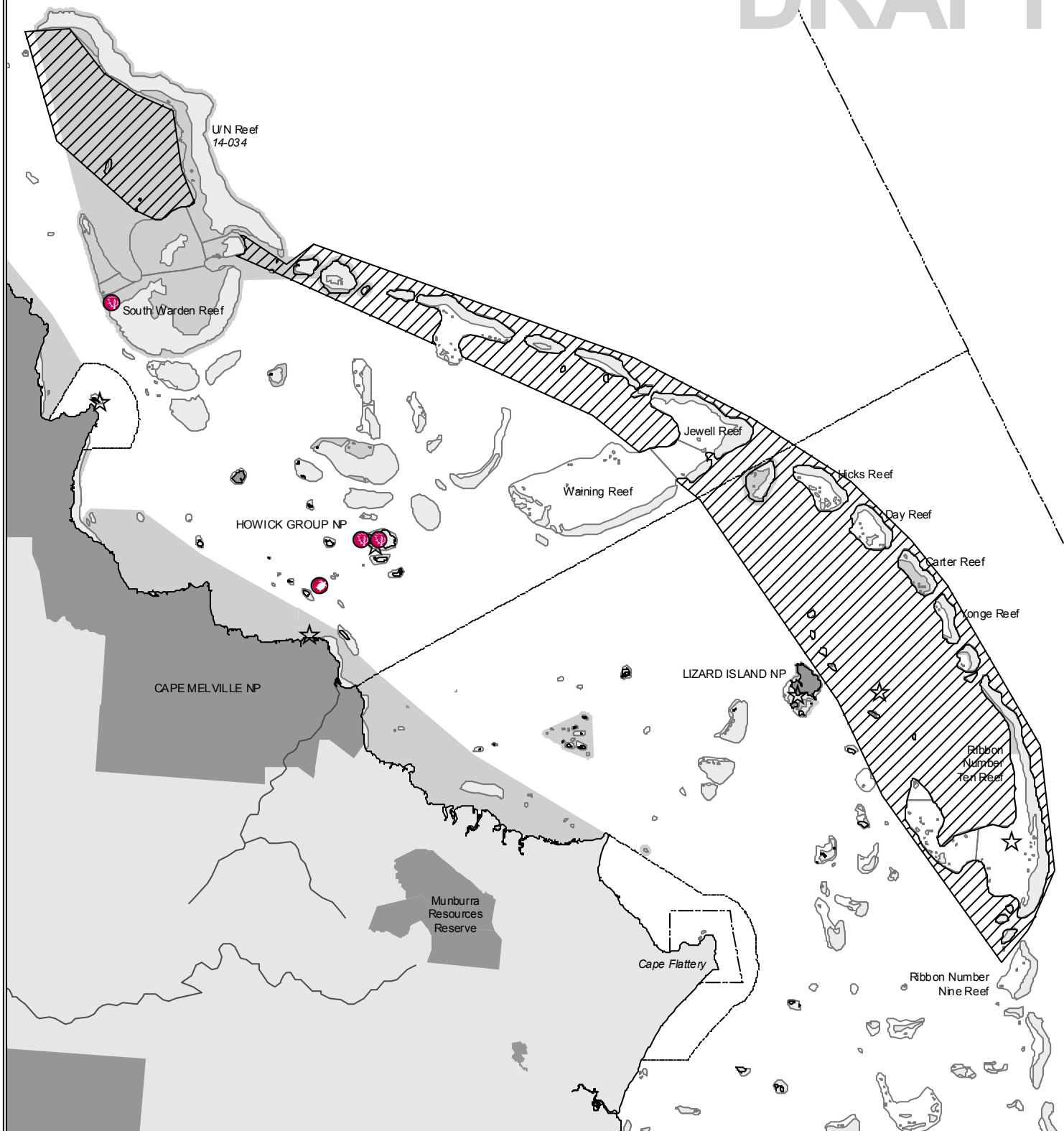
Sponges  
Solitary corals  
Soft corals  
Sea urchins  
Sea lillies and feather stars  
Sea cucumbers  
Jellyfish  
*Halimeda*  
Foraminifera  
Deep water seagrass














### Interim biophysically special/unique sites


Lagoon: westward of Hicks, Day, Carter, Yonge, No Name and Ribbon Reef #10

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# DRAFT



	<b>Bioregion NL1</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>		



10      0      10  
Kilometres



**GREAT BARRIER REEF**  
MARINE PARK AUTHORITY

Map Produced: 13 May 2002  
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