



## Reef bioregion: RE1 Coastal Far Northern Reefs

RE1

### Bioregion Description

Relatively rich in both hard and octocoral species. Sediment resuspension during south-east trade winds. Biologically distinct patches of reef.

|  |            |      |                                |                     |
|--|------------|------|--------------------------------|---------------------|
| <b>Existing zoning within bioregion (as % of total bioregion area)</b> |            |      | <b>Bioregion area</b>          | 278 km <sup>2</sup> |
| Marine National Park 'B' / National Park *                             | Dark Green | 29 % | <b>Proportion of the GBRMP</b> | <1 %                |
| Marine National Park 'A' / Conservation Park                           | Yellow     | 2 %  |                                |                     |
| General Use 'B' / Habitat Protection                                   | Dark Blue  | 50 % | <b>No-take Zone statistics</b> |                     |
| General Use 'A' / General Use  | Light Blue | 1 %  | Area of no-take zone(s)        | 80 km <sup>2</sup>  |
| Unzoned  |            | 14 % | Percent of bioregion           | 29 %                |
| Island   |            | 3 %  | Number of no-take zones        | 7                   |
| WHA outside the GBRMP  |            | <1 % |                                |                     |

\* No-take zones

### Reef size distribution

|                 |          |                    |
|-----------------|----------|--------------------|
| Number of reefs |          | 179                |
| Reef sizes      | Smallest | <1 km <sup>2</sup> |
|                 | Largest  | 26 km <sup>2</sup> |
|                 | Average  | 2 km <sup>2</sup>  |

### Area exposed to flooding events 1994 - 98

|                   |       |
|-------------------|-------|
| No recorded event | 100 % |
|-------------------|-------|

### Reef Geomorphology

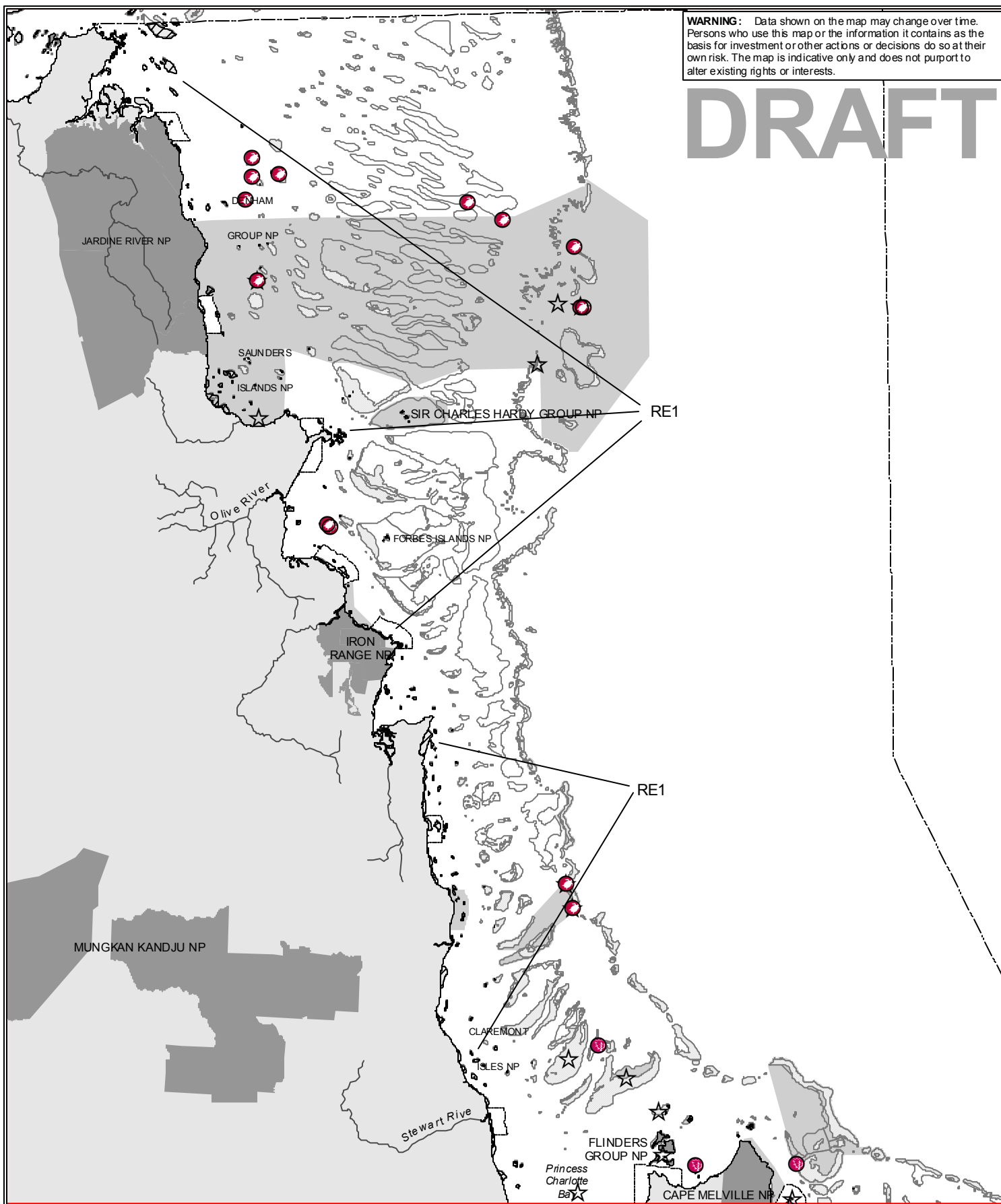
|                       |      |
|-----------------------|------|
| Submerged reef        | 25 % |
| Fringing reef         | 23 % |
| Reef patch            | 20 % |
| Coastal fringing reef | 16 % |
| Planar reef           | 14 % |
| unknown               | 2 %  |














### Interim biophysically special/unique sites

Princess Charlotte Bay  
Shelburne Bay

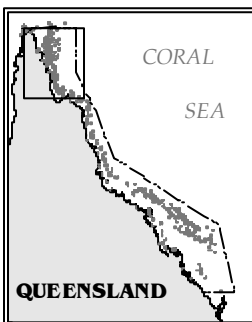
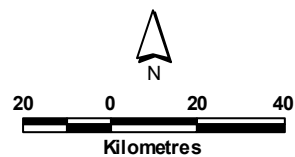
**WARNING:** Data shown on the map may change over time. Persons who use this map or the information it contains as the basis for investment or other actions or decisions do so at their own risk. The map is indicative only and does not purport to alter existing rights or interests.

# DRAFT



|  |   |   |                                |
|--|---|---|--------------------------------|
|  | <b>Bioregion RE1</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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