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Rockhampton

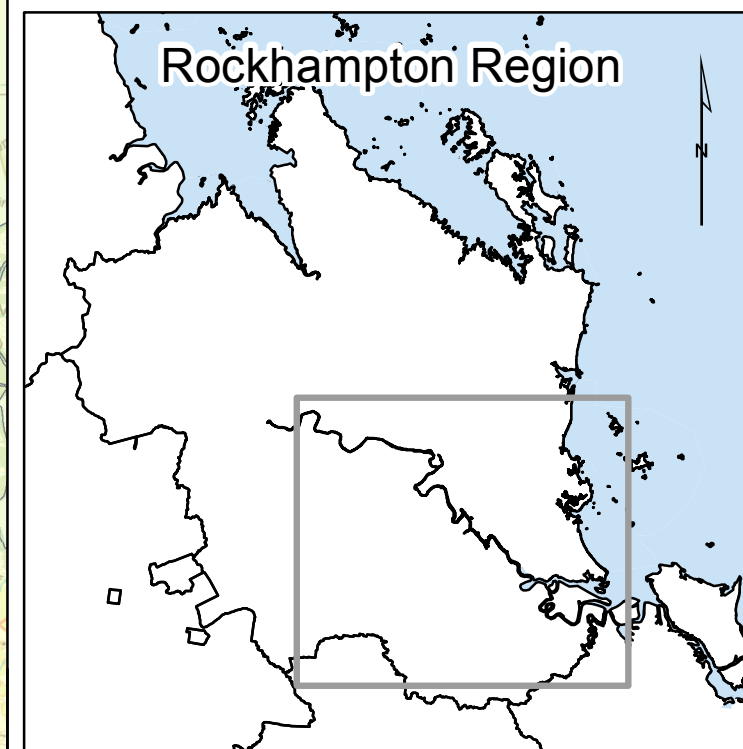
Current Climate

Tropical Cyclone Wind

50 year average recurrence interval

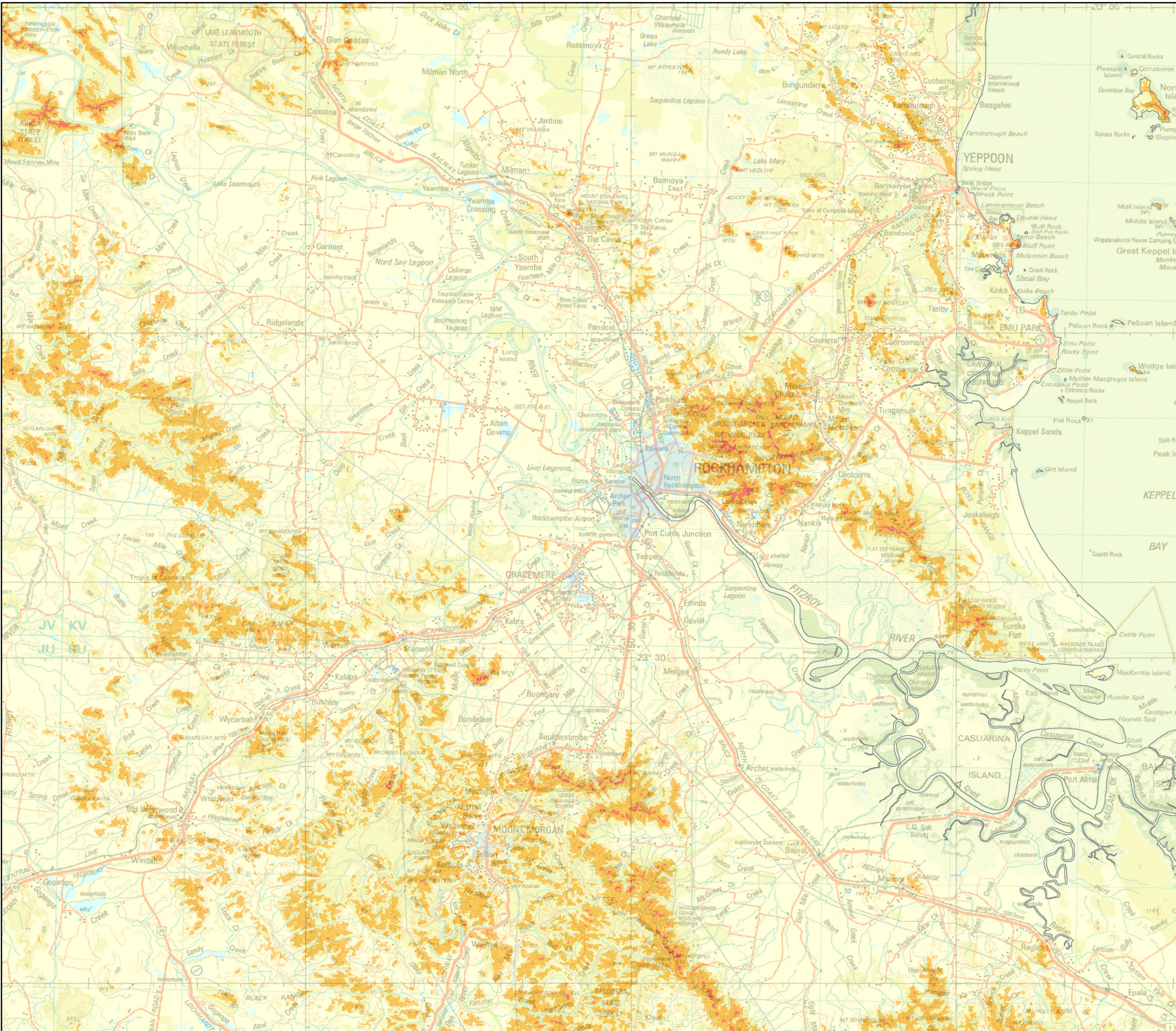
Equivalent TC Class

- Category 5 (> 279 km/h)
- Category 4 (225 - 279 km/h)
- Category 3 (165 - 225 km/h)
- Category 2 (125 - 165 km/h)
- Category 1 (91 - 125 km/h)
- Below Tropical Cyclone strength



0 25 Km

2 April, 2013
Map A3/0



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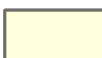
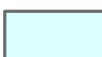
Rockhampton

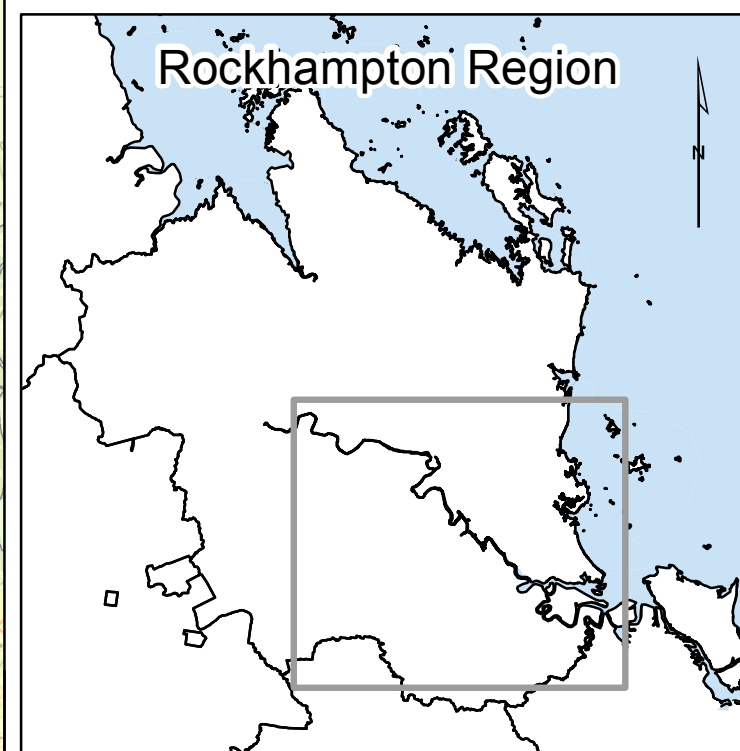
Current Climate

Tropical Cyclone Wind

100 year average recurrence interval

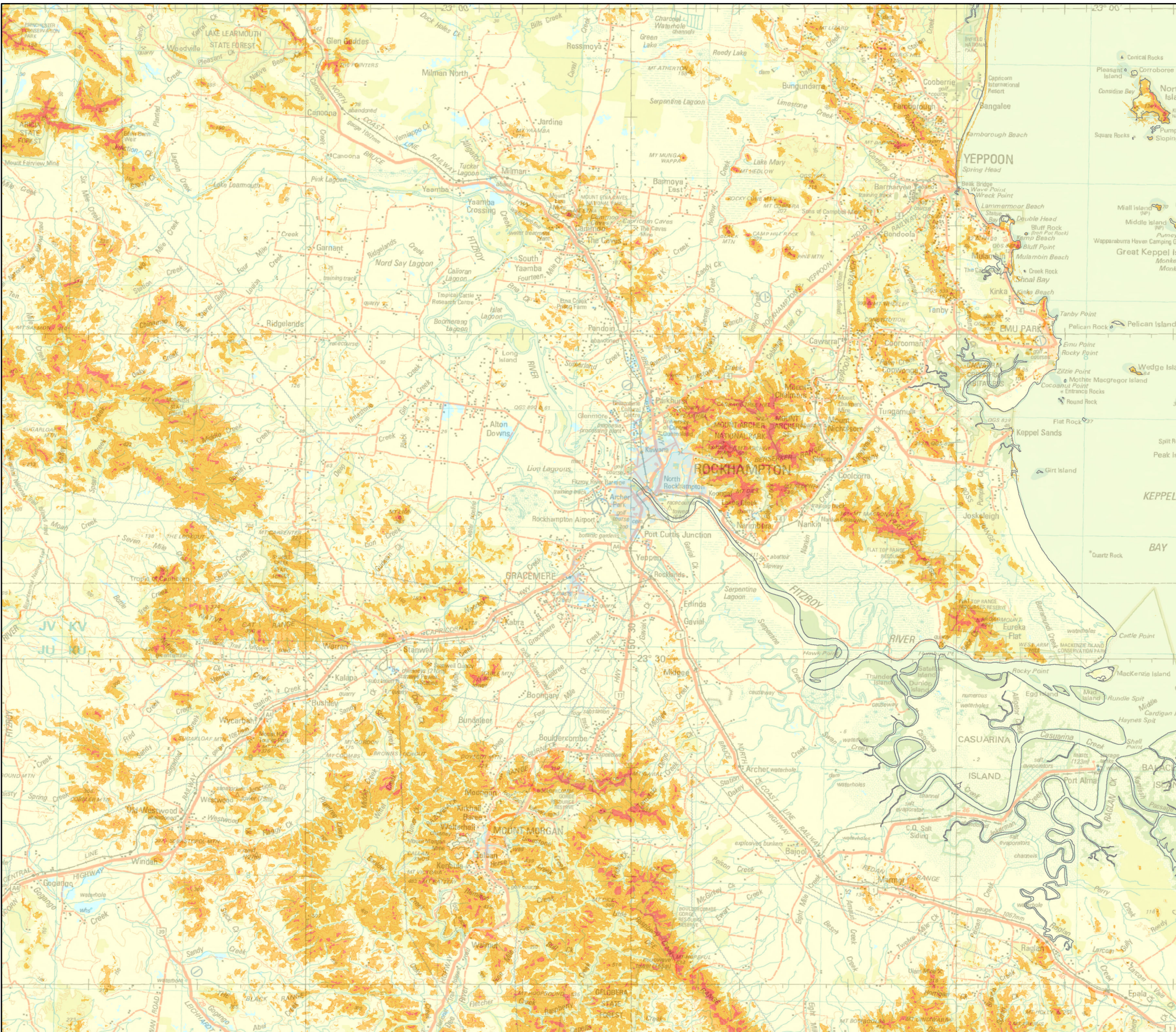
Equivalent TC Class

	Category 5	(> 279 km/h)
	Category 4	(225 - 279 km/h)
	Category 3	(165 - 225 km/h)
	Category 2	(125 - 165 km/h)
	Category 1	(91 - 125 km/h)
	Below Tropical Cyclone strength	



0 25 Km

2 April, 2013
Map A3/1



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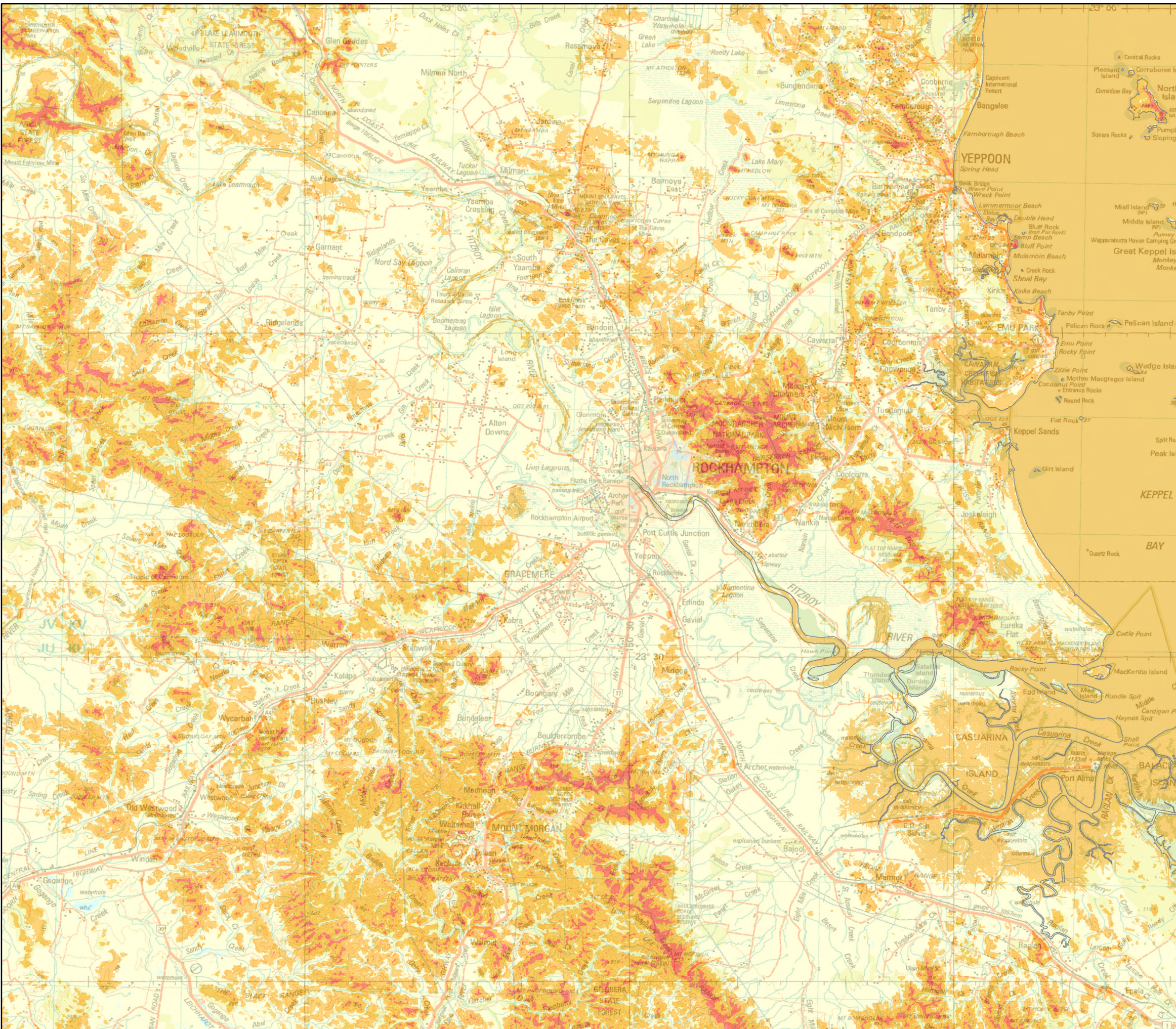
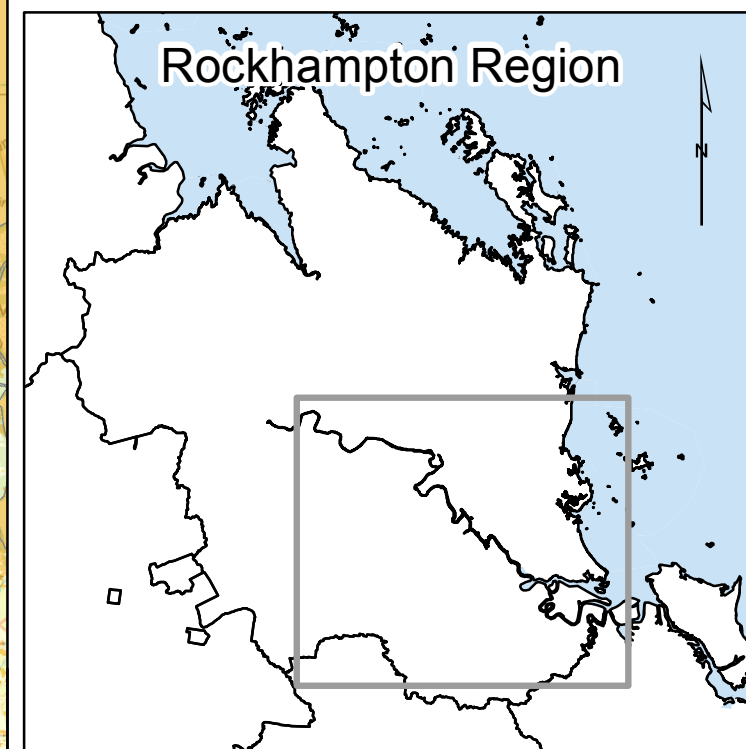
Current Climate

Tropical Cyclone Wind

250 year average recurrence interval

Equivalent TC Class

- Category 5 (> 279 km/h)
- Category 4 (225 - 279 km/h)
- Category 3 (165 - 225 km/h)
- Category 2 (125 - 165 km/h)
- Category 1 (91 - 125 km/h)
- Below Tropical Cyclone strength



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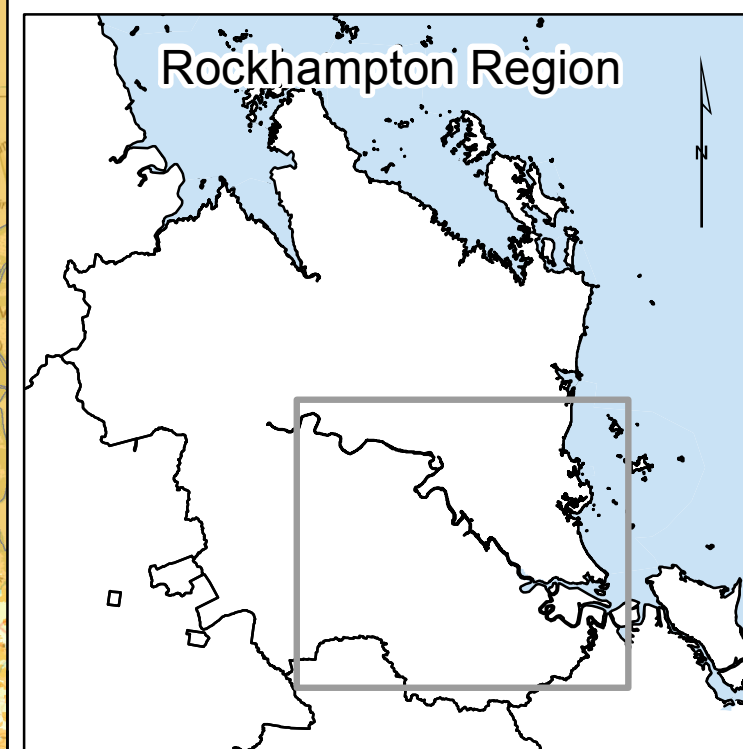
Current Climate

Tropical Cyclone Wind

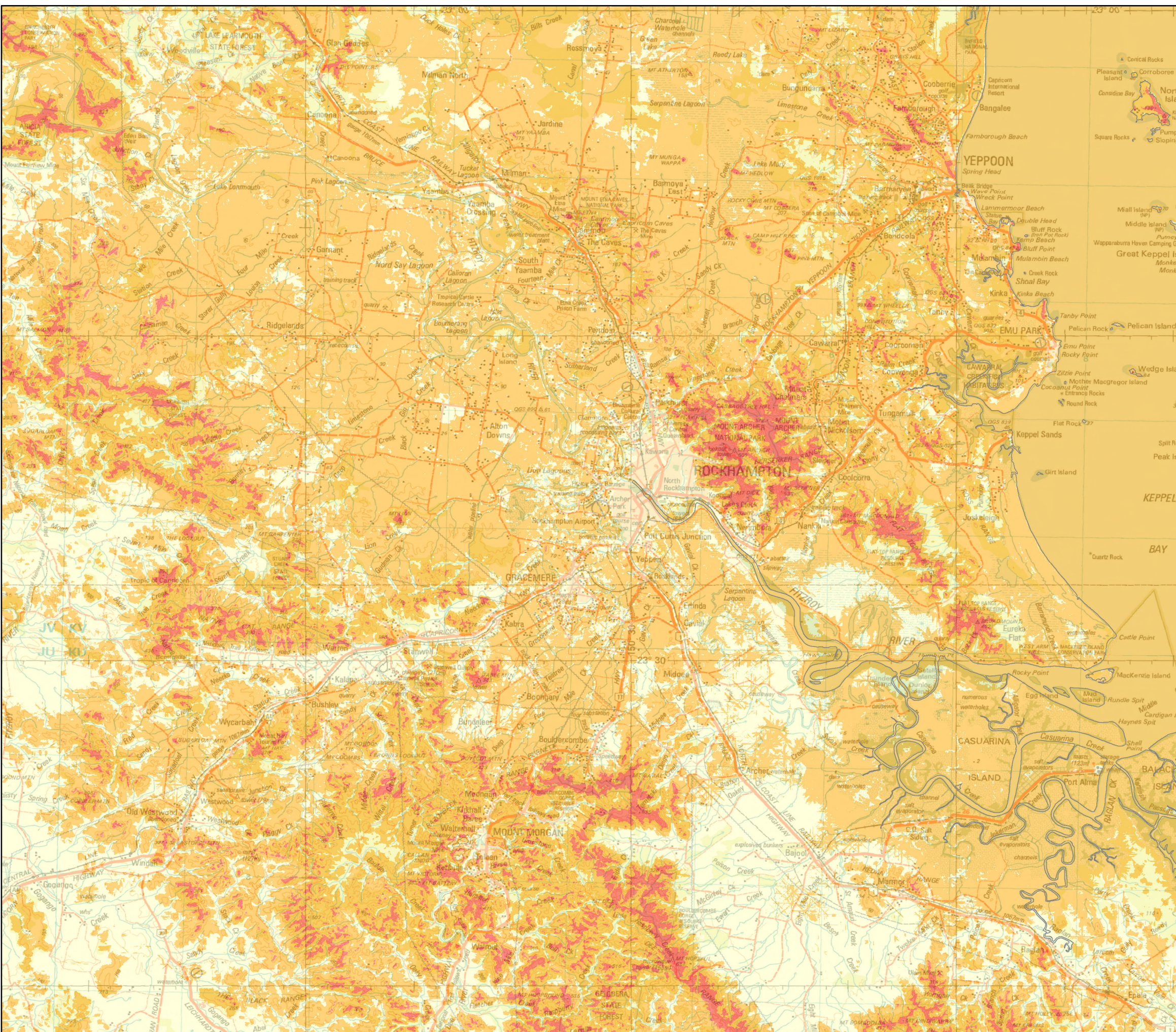
500 year average recurrence interval

Equivalent TC Class

	Category 5 (> 279 km/h)
	Category 4 (225 - 279 km/h)
	Category 3 (165 - 225 km/h)
	Category 2 (125 - 165 km/h)
	Category 1 (91 - 125 km/h)
	Below Tropical Cyclone strength



0 25 Km



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2 April, 2013

Map A3/3



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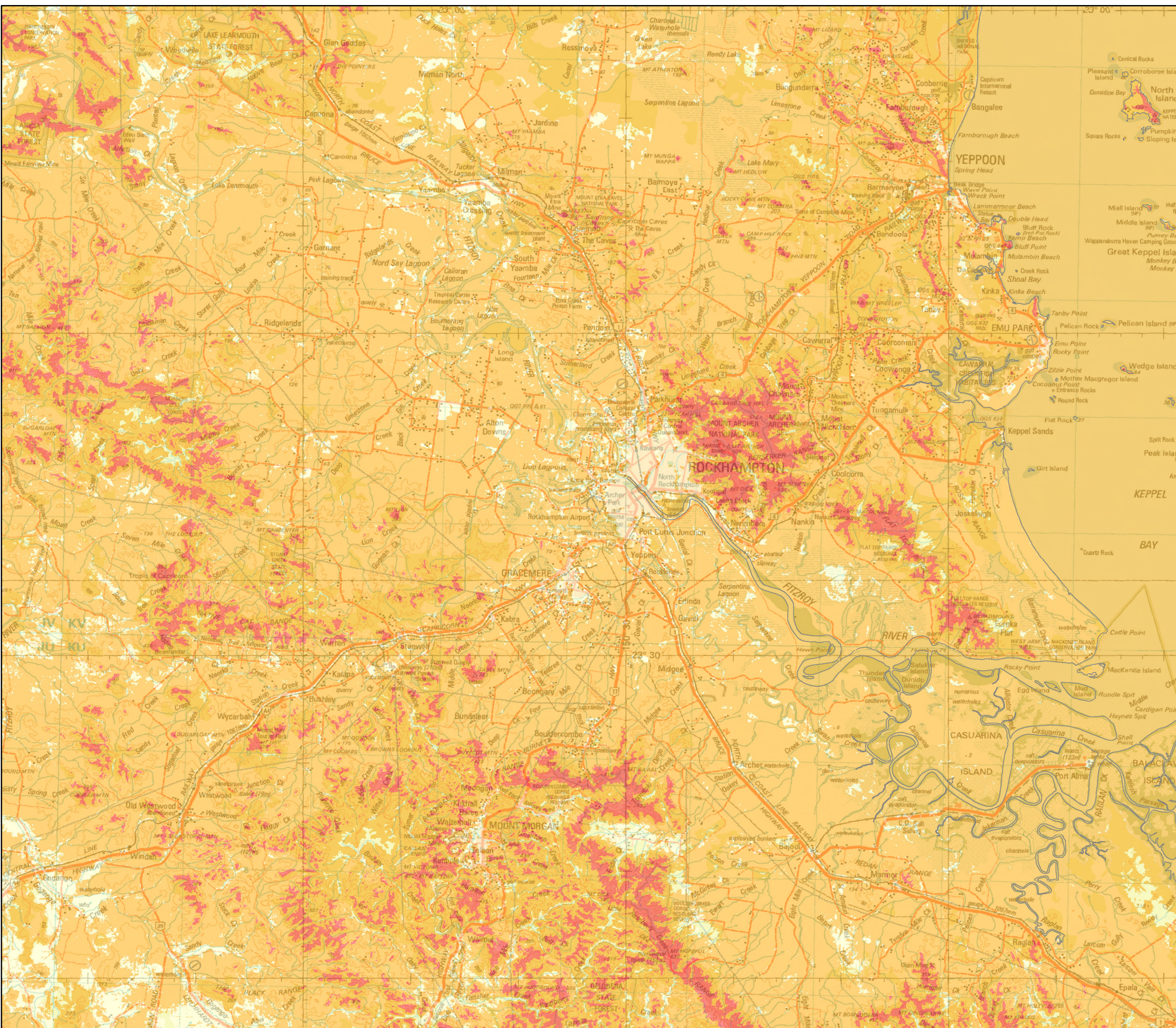
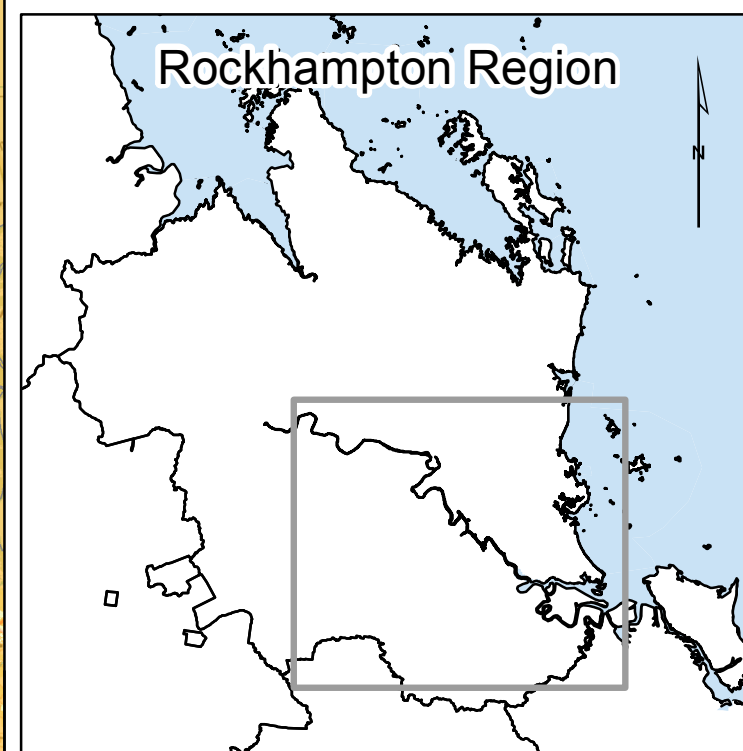
Current Climate

Tropical Cyclone Wind

1000 year average recurrence interval

Equivalent TC Class

- Category 5 (> 279 km/h)
- Category 4 (225 - 279 km/h)
- Category 3 (165 - 225 km/h)
- Category 2 (125 - 165 km/h)
- Category 1 (91 - 125 km/h)
- Below Tropical Cyclone strength



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Current Climate

Extra-Tropical Storm Tide

Area 4

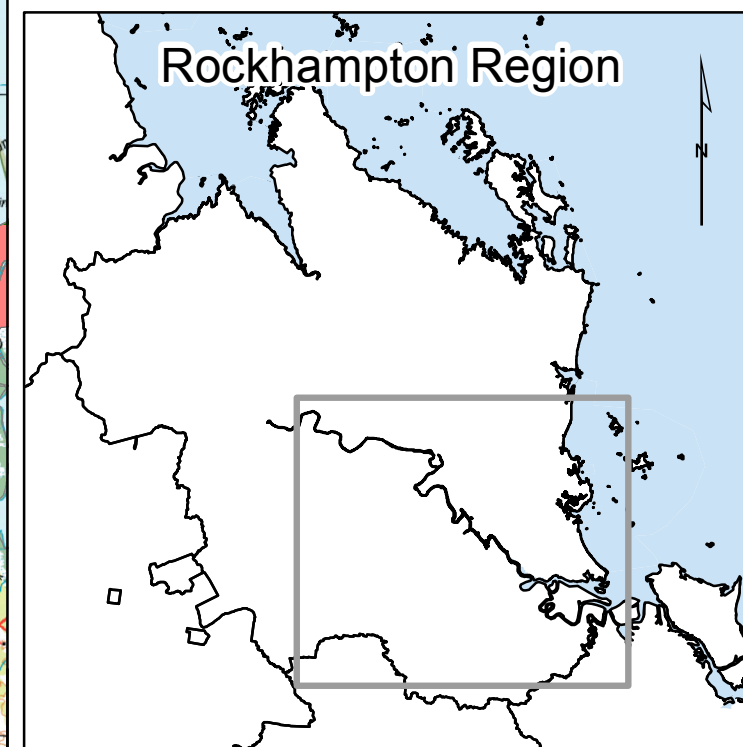
	ARI 50 (2.93 m)
	ARI 100 (2.99 m)
	ARI 250 (3.07 m)
	ARI 1000 (3.18 m)

Area 5

	ARI 50 (2.70 m)
	ARI 100 (2.74 m)
	ARI 250 (2.79 m)
	ARI 1000 (2.87 m)

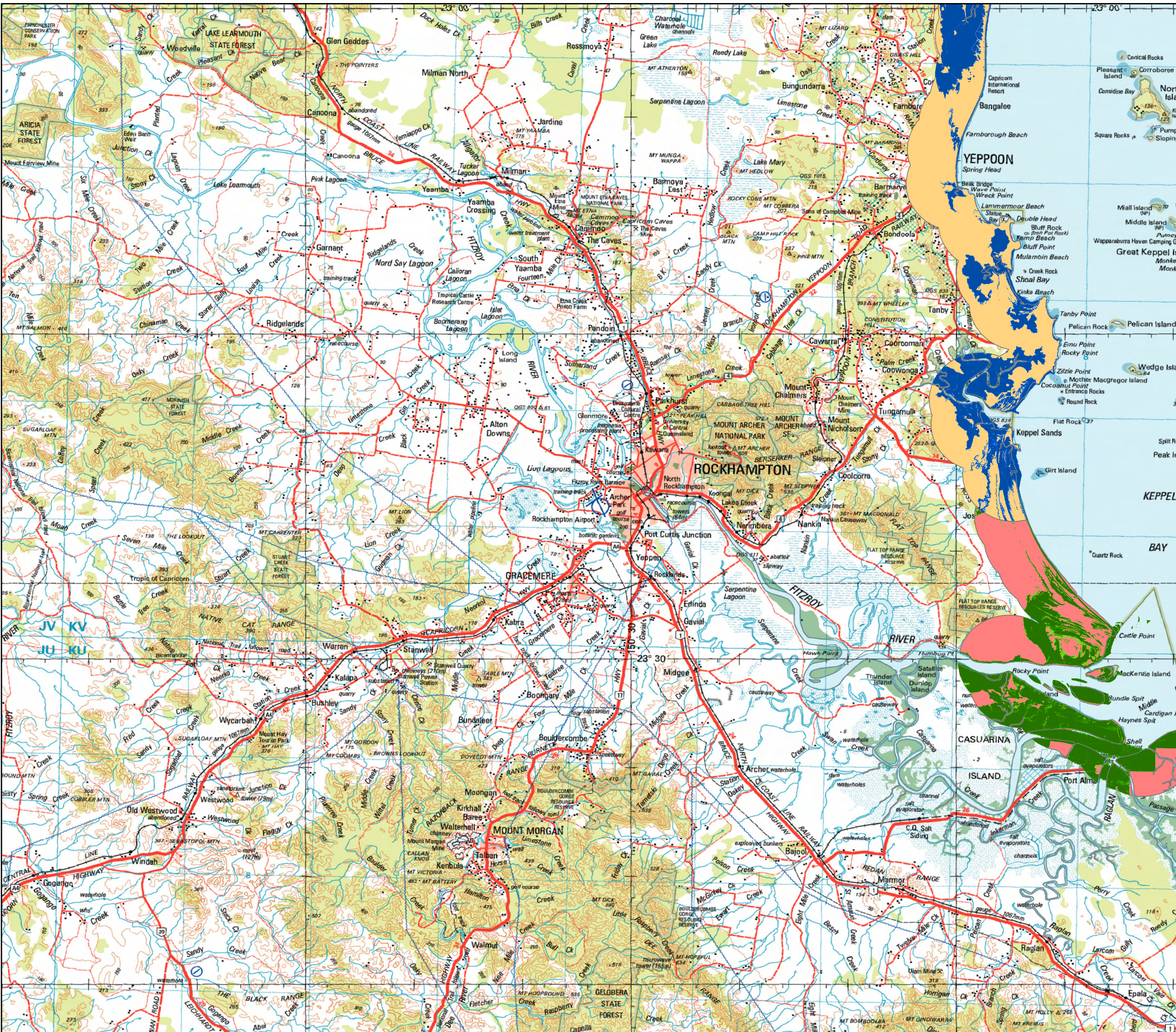
Sample Area

	Area 4
	Area 5



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Map A3/5



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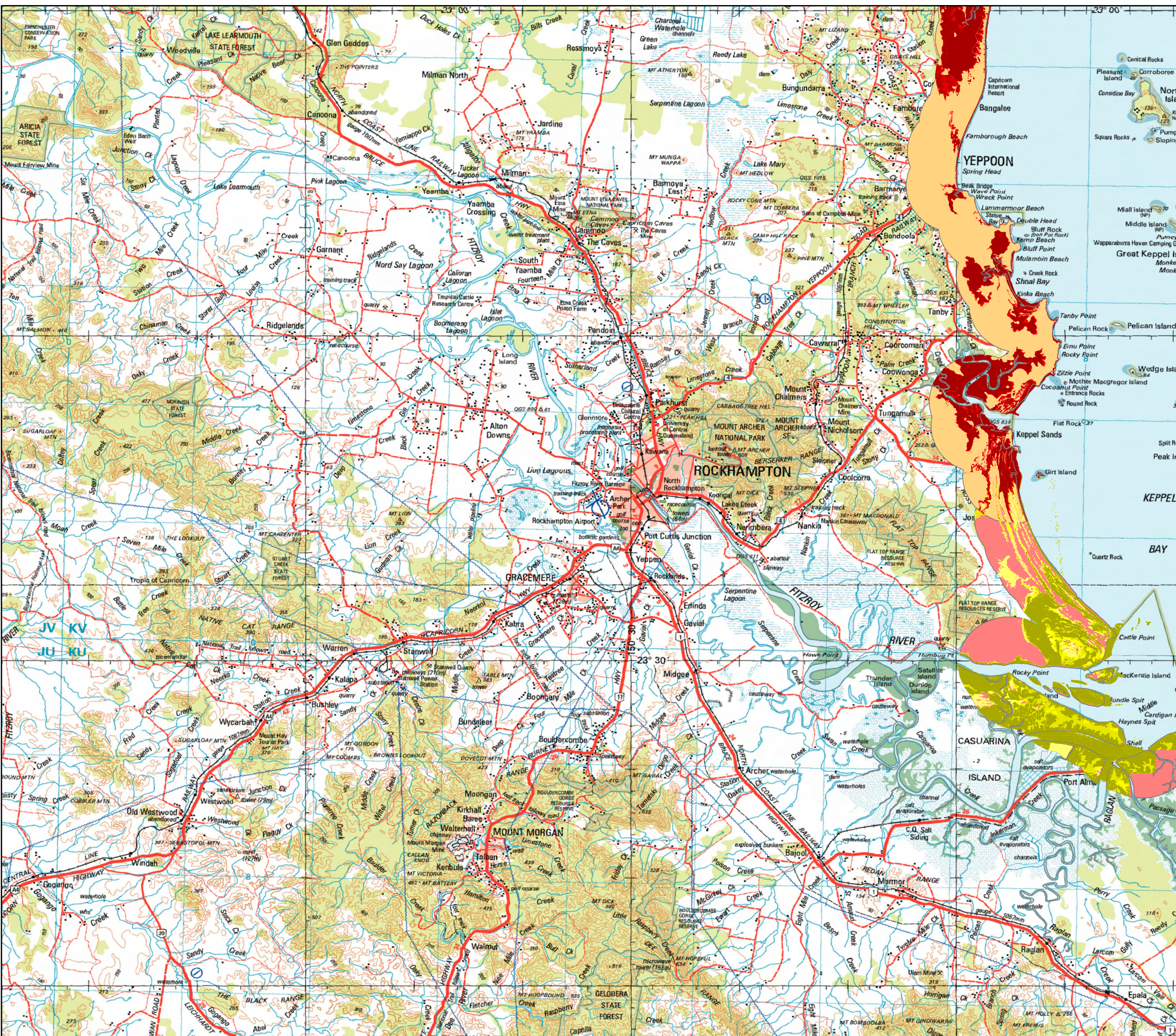
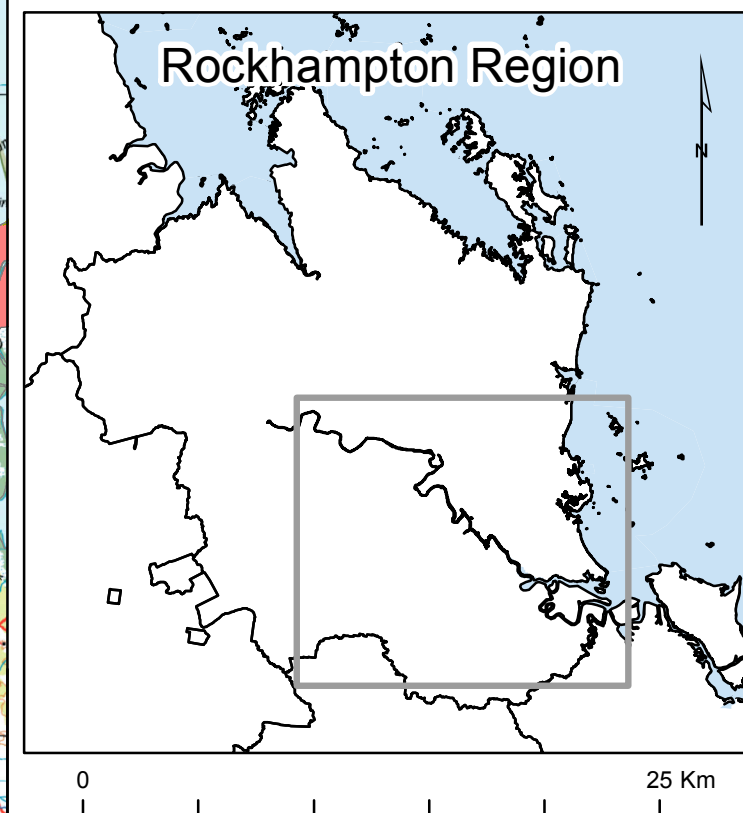
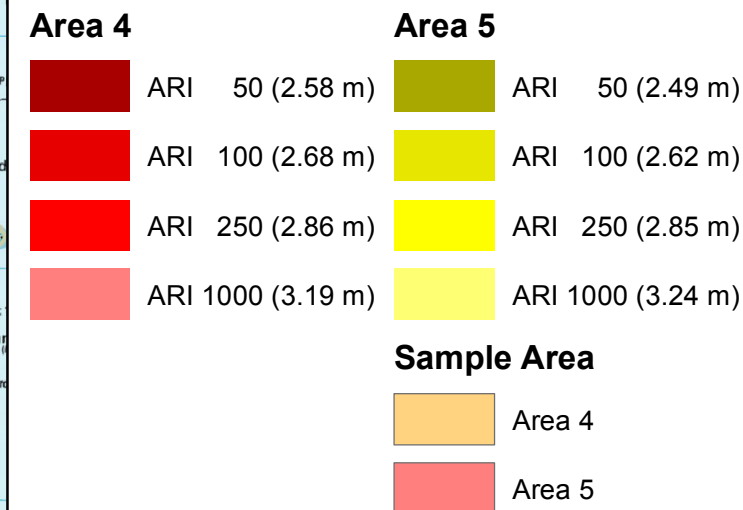
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Current Climate

Tropical Cyclone Storm Tide



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Map A3/6



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Current Climate

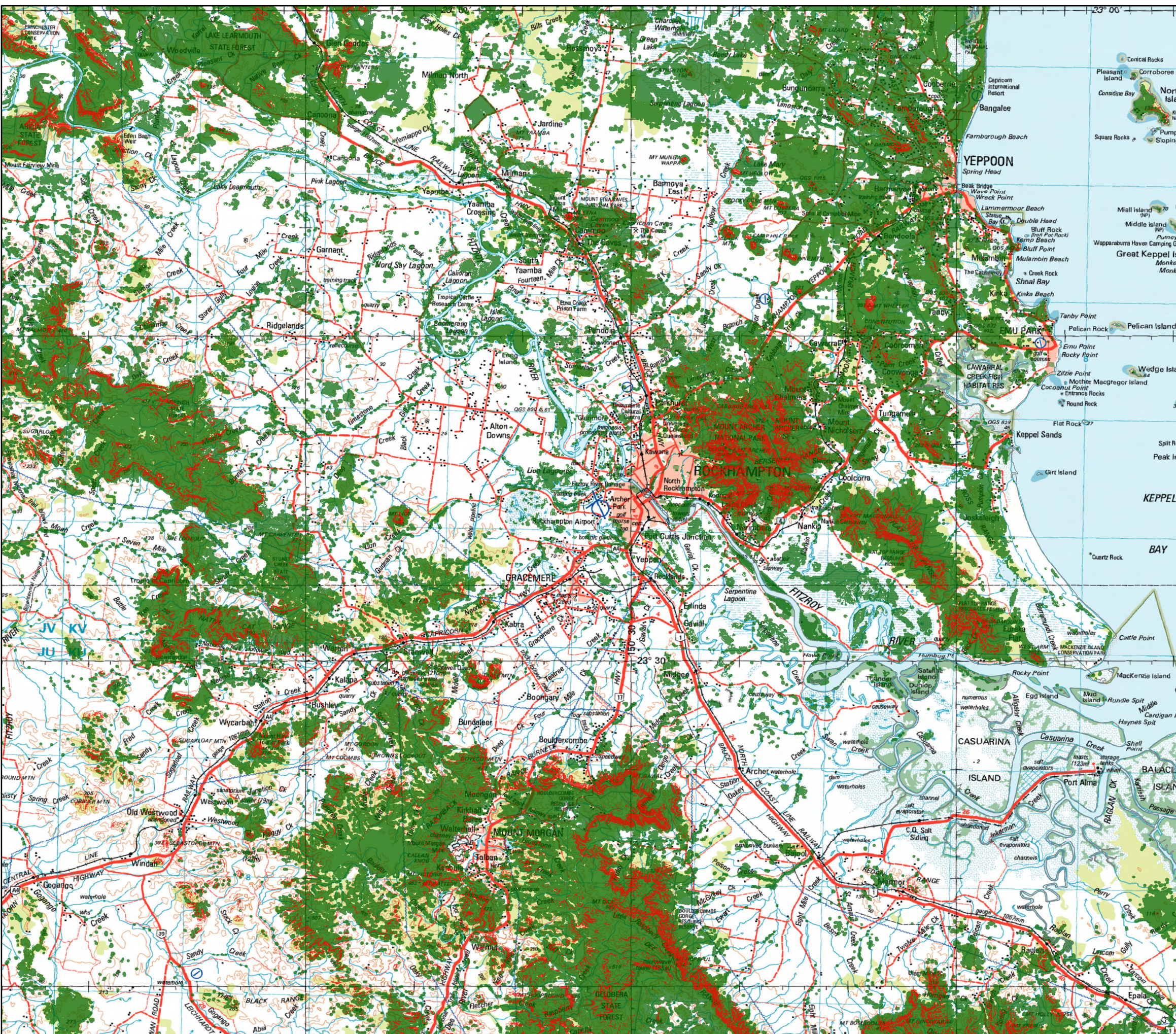
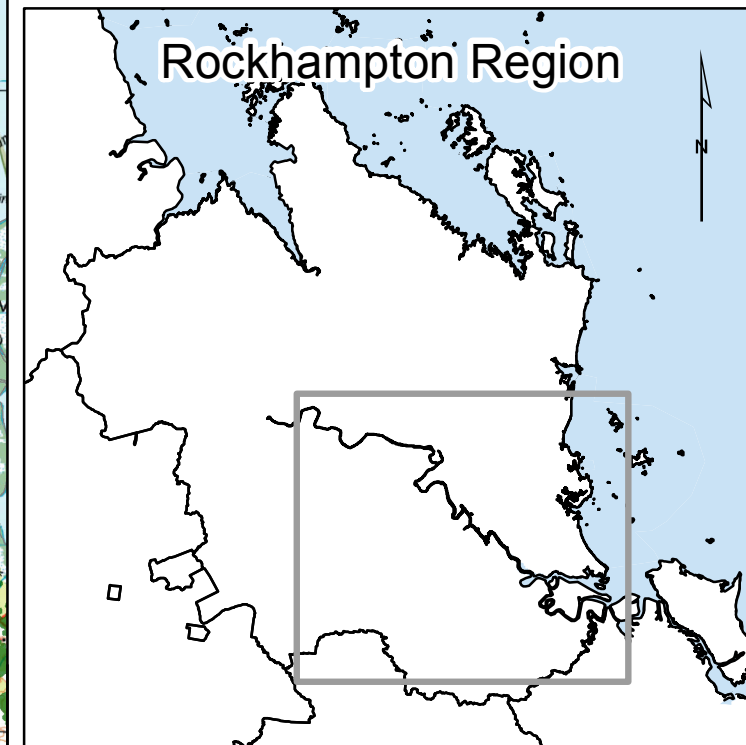
AS3969 Bushfire Constraints

Terrain slope

 Greater than 20 degrees

Setback from forest

 Closed forest with 100 m buffer



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Map A3/7



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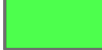
Rockhampton

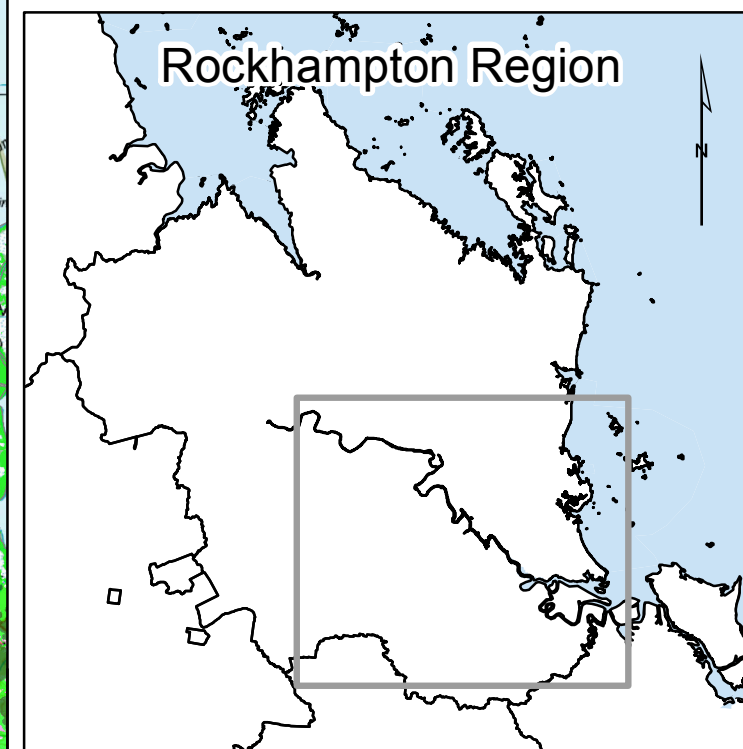
Current Climate

Bushfire Vegetation Classification

Bushfire vegetation classification

Simplified vegetation model

-  Closed forest with 100 m buffer
-  Grassland
-  Open forest



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Map A3/8



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Current Climate

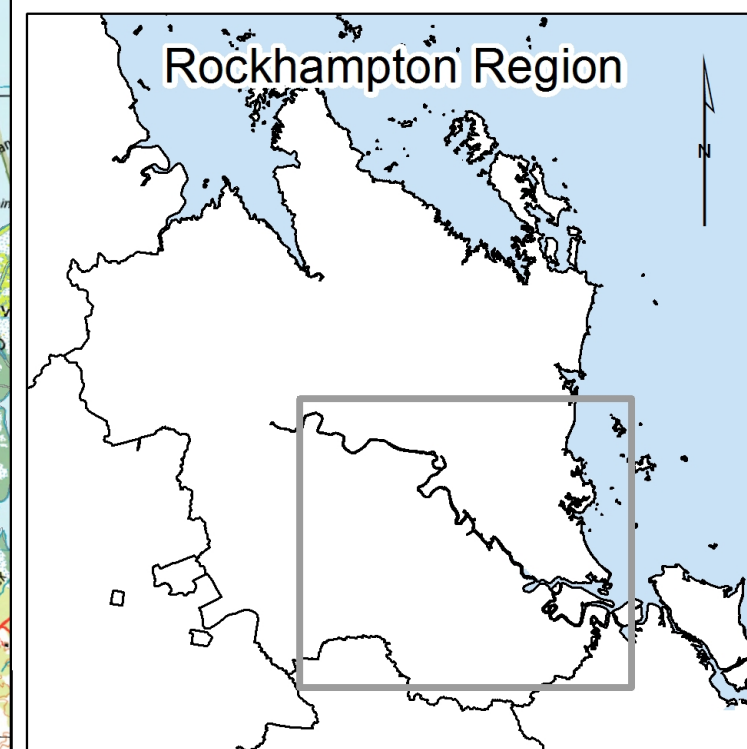
Bushfire Danger Rating

50 year ARI

 Region of lower confidence

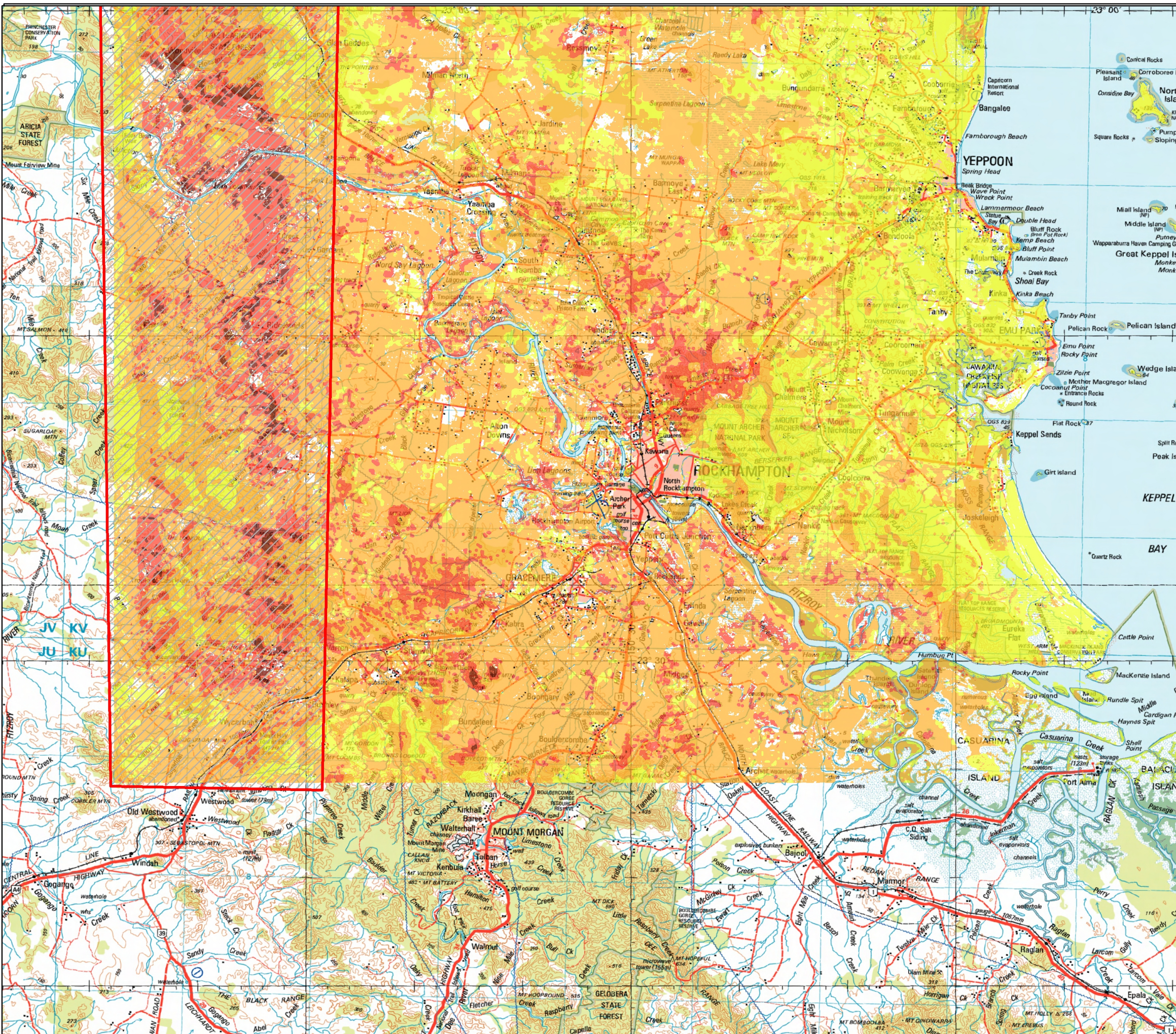
Fire Danger Rating

	Catastrophic	100 +
	Extreme	75 - 100
	Severe	50 - 75
	Very high	25 - 50
	High	12 - 25
	Moderate	5 - 12
	Low	0 - 5



Rockhampton Region

0 25 Km



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1 February, 2013

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Current Climate

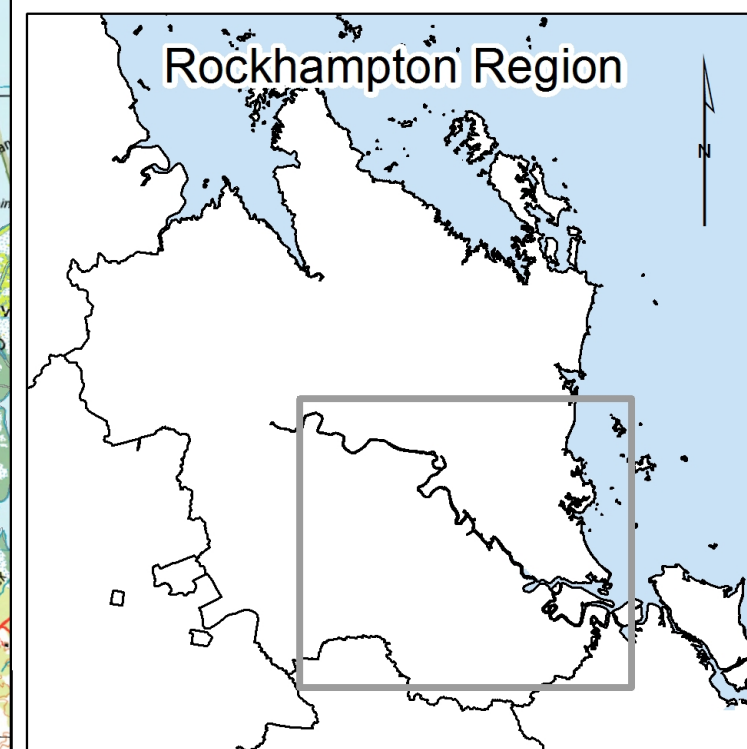
Bushfire Danger Rating

100 year ARI

 Region of lower confidence

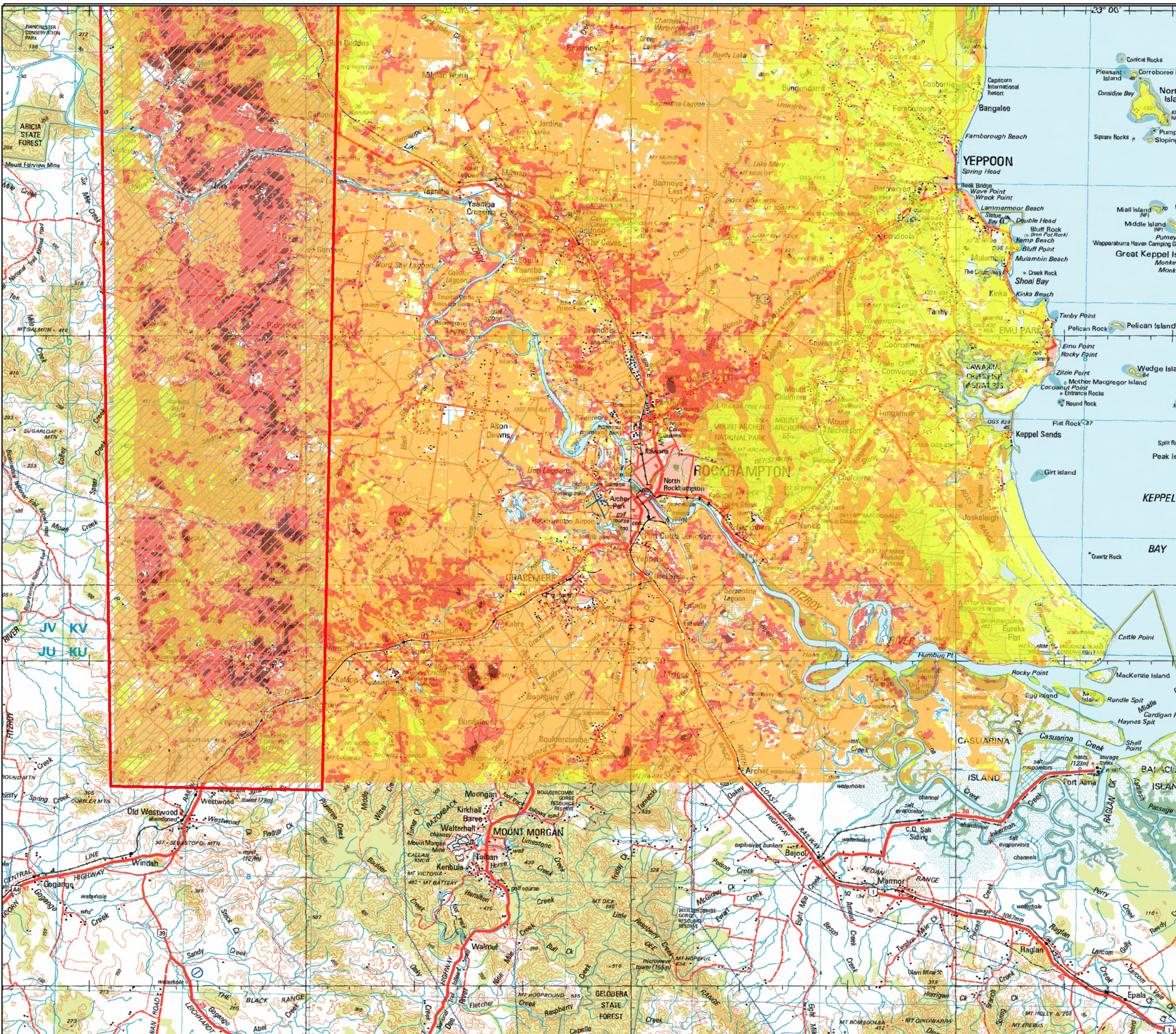
Fire Danger Rating

	Catastrophic	100 +
	Extreme	75 - 100
	Severe	50 - 75
	Very high	25 - 50
	High	12 - 25
	Moderate	5 - 12
	Low	0 - 5



Rockhampton Region

0 25 Km



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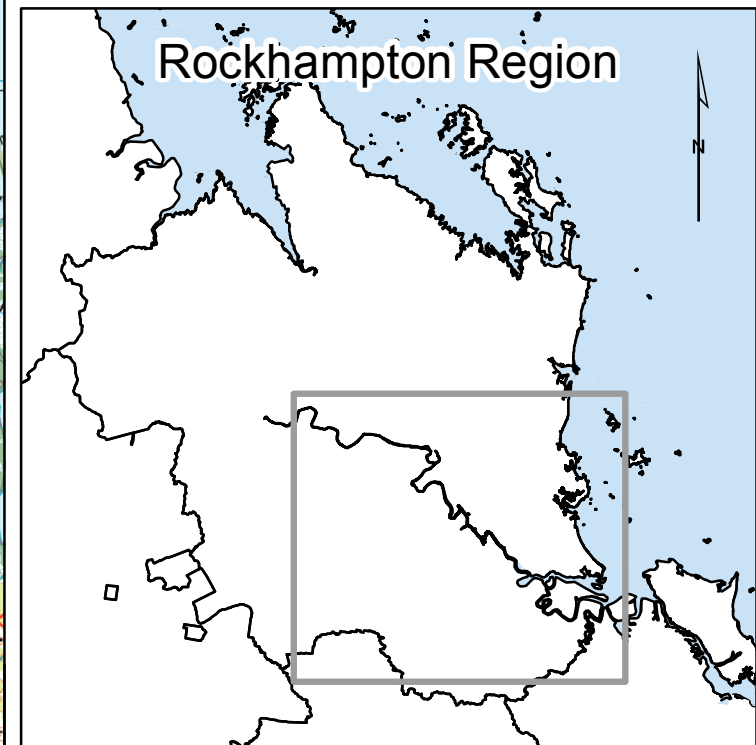
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Current Climate

Coastal Erosion



Vulnerable coastline



6 December, 2012

Map A3/11



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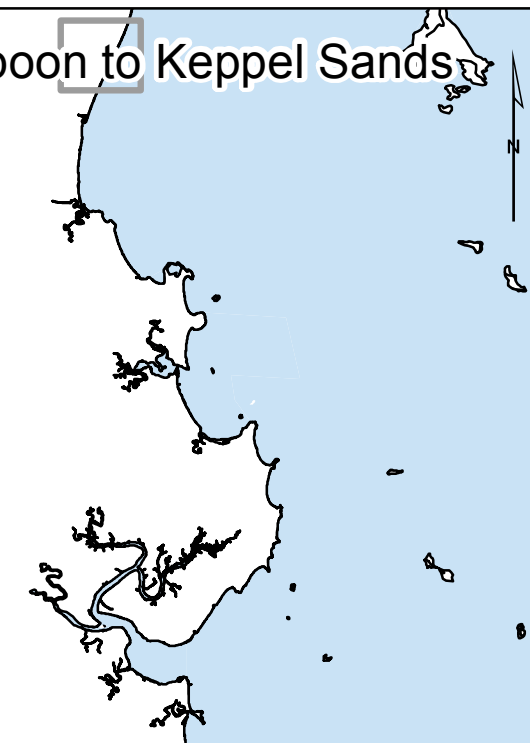
Current Climate

Coastal Recession: Page 1 of 8

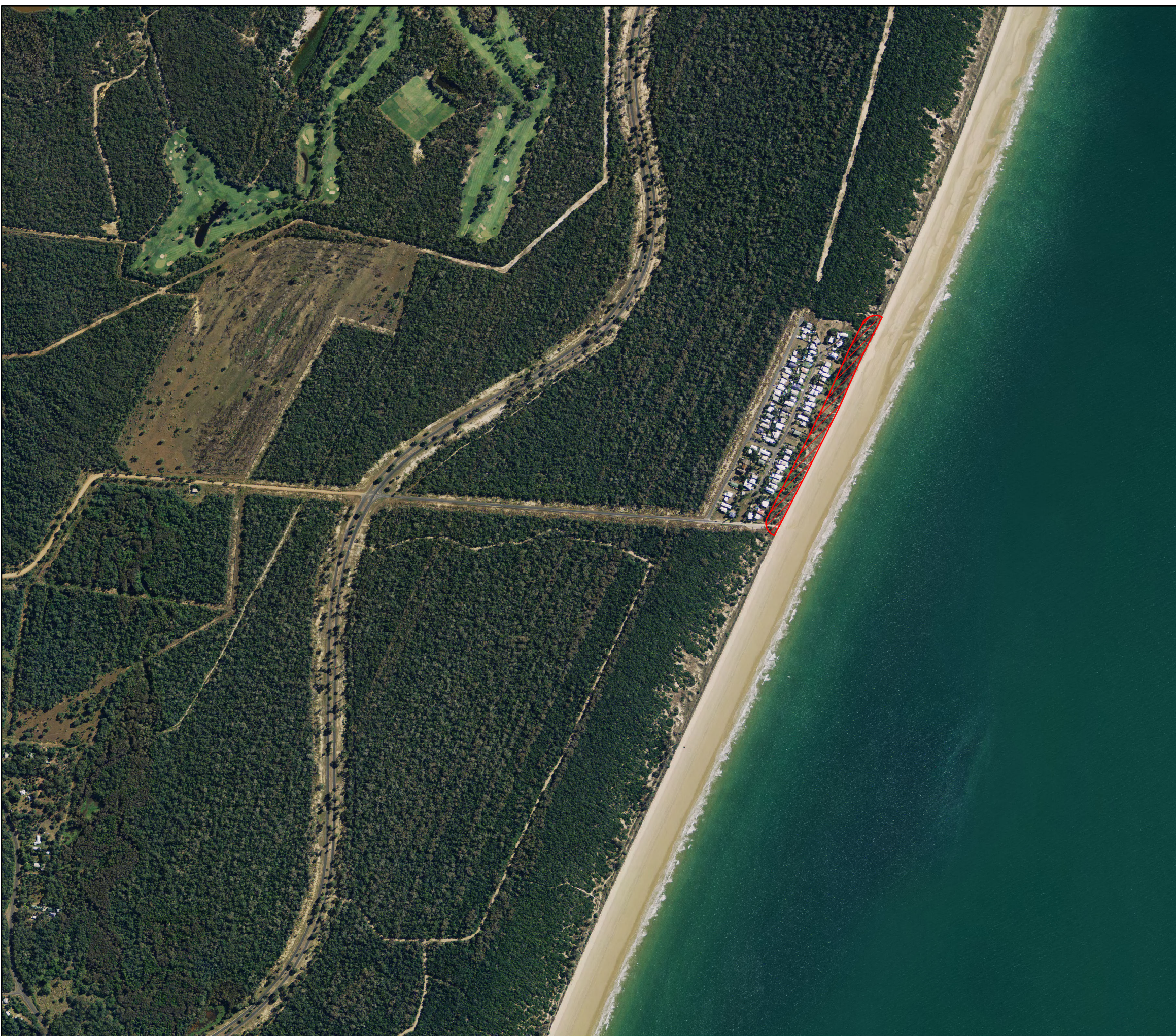


Vulnerable coastline

Yeppoon to Keppel Sands



0 500 Meters



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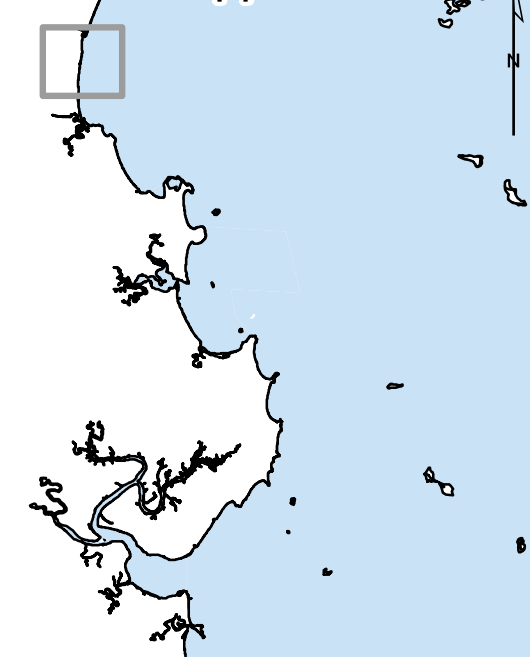
Current Climate

Coastal Recession: Page 2 of 8

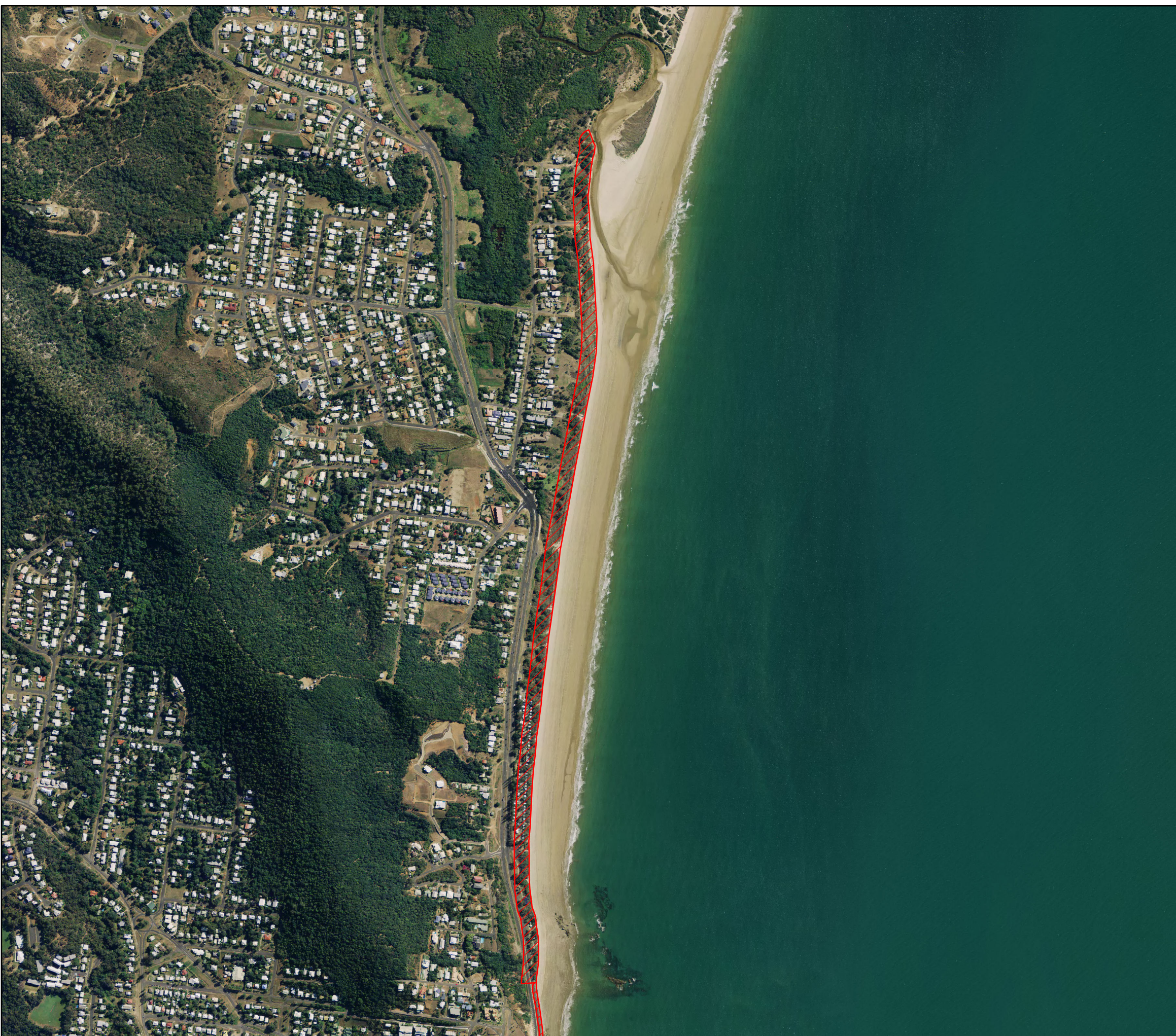


Vulnerable coastline

Yeppoon to Keppel Sands



0 500 Meters



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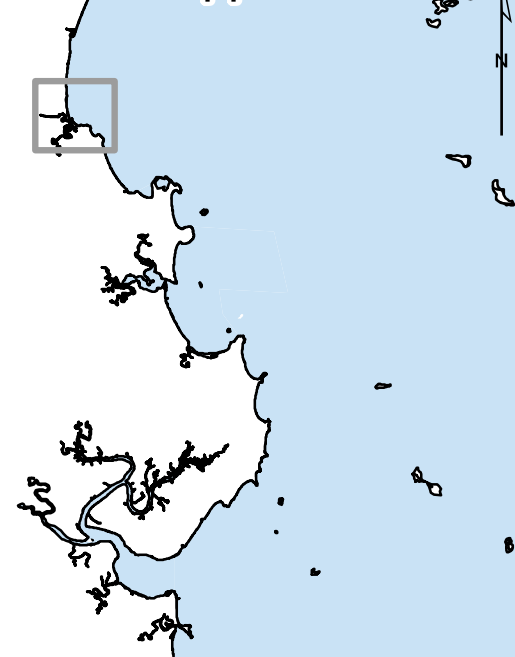
Current Climate

Coastal Recession: Page 3 of 8

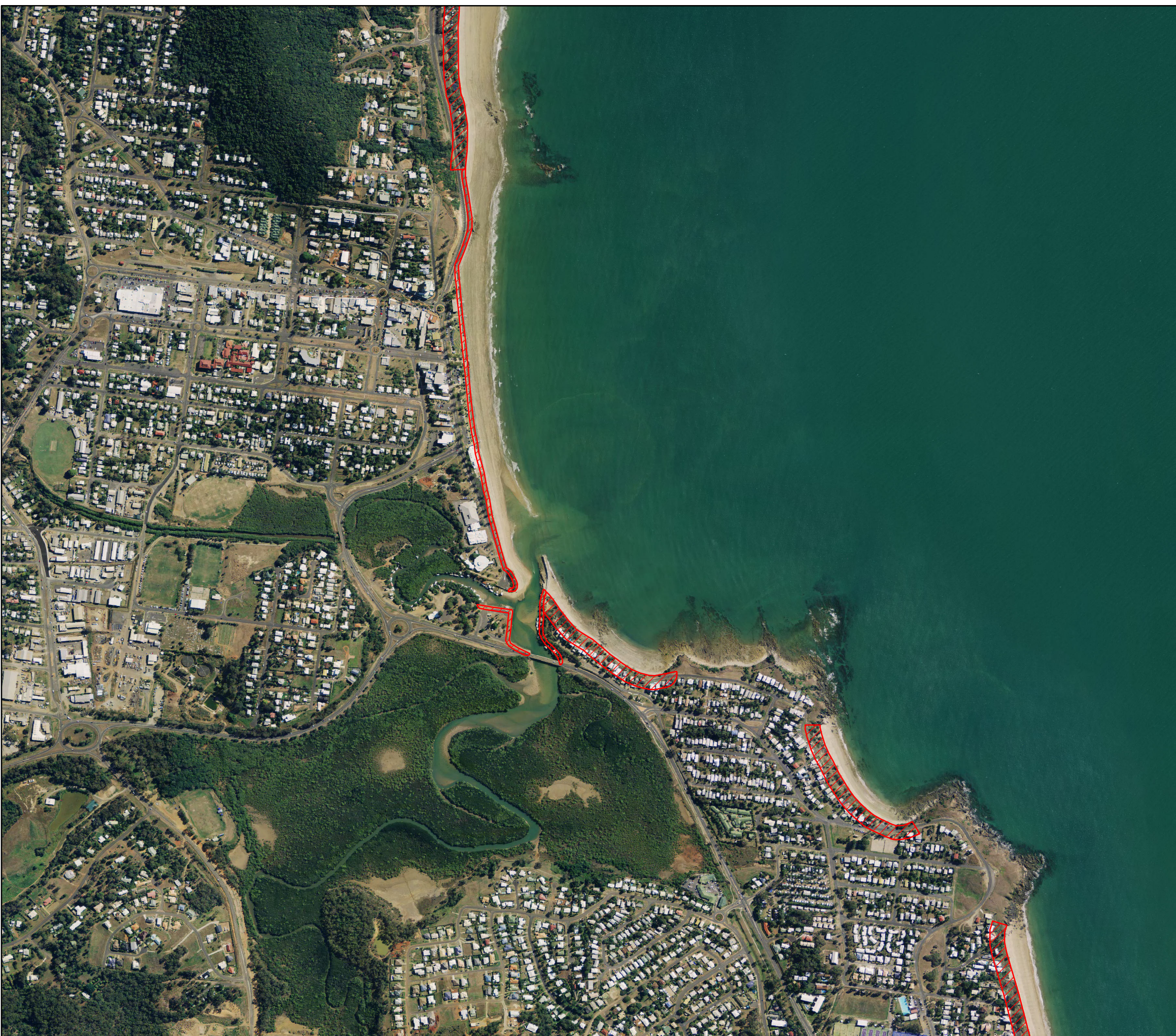


Vulnerable coastline

Yeppoon to Keppel Sands



0 500 Meters



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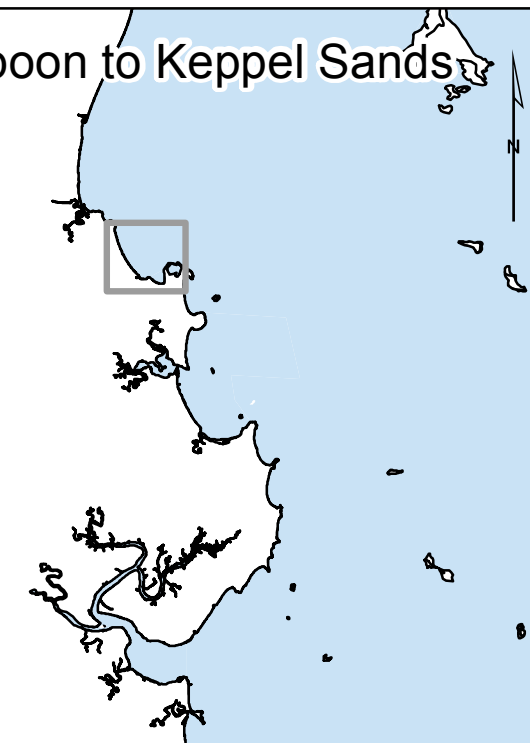
Current Climate

Coastal Recession: Page 4 of 8



Vulnerable coastline

Yeppoon to Keppel Sands



0 500 Meters



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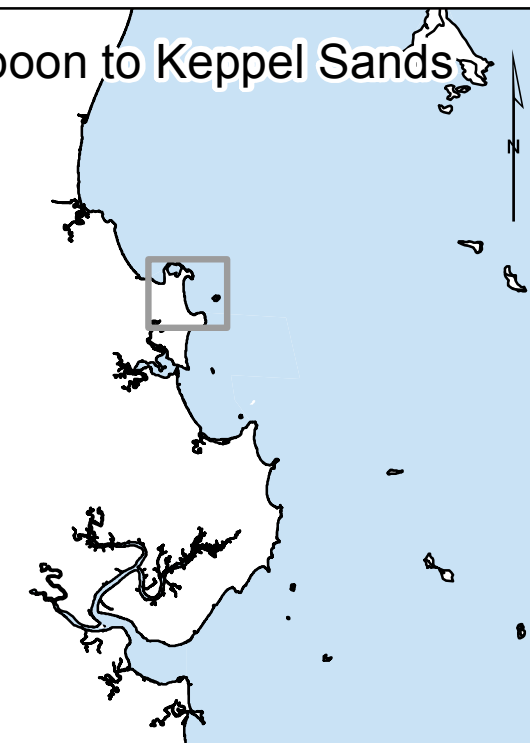
Current Climate

Coastal Recession: Page 5 of 8



Vulnerable coastline

Yeppoon to Keppel Sands



0 500 Meters



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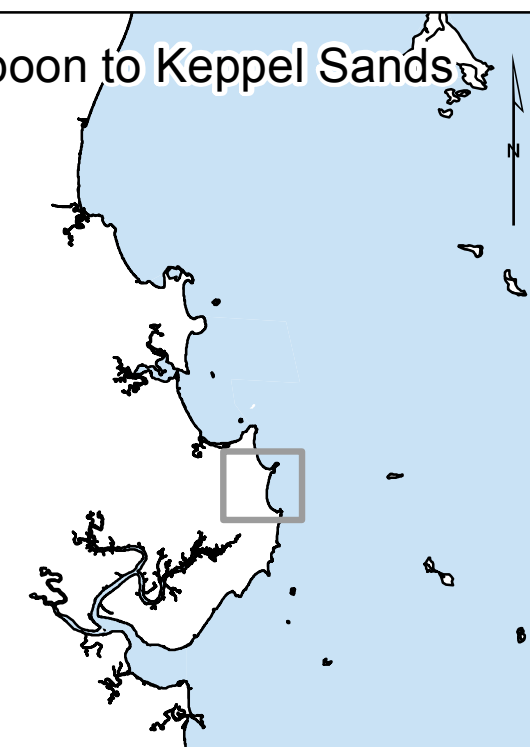
Current Climate

Coastal Recession: Page 6 of 8

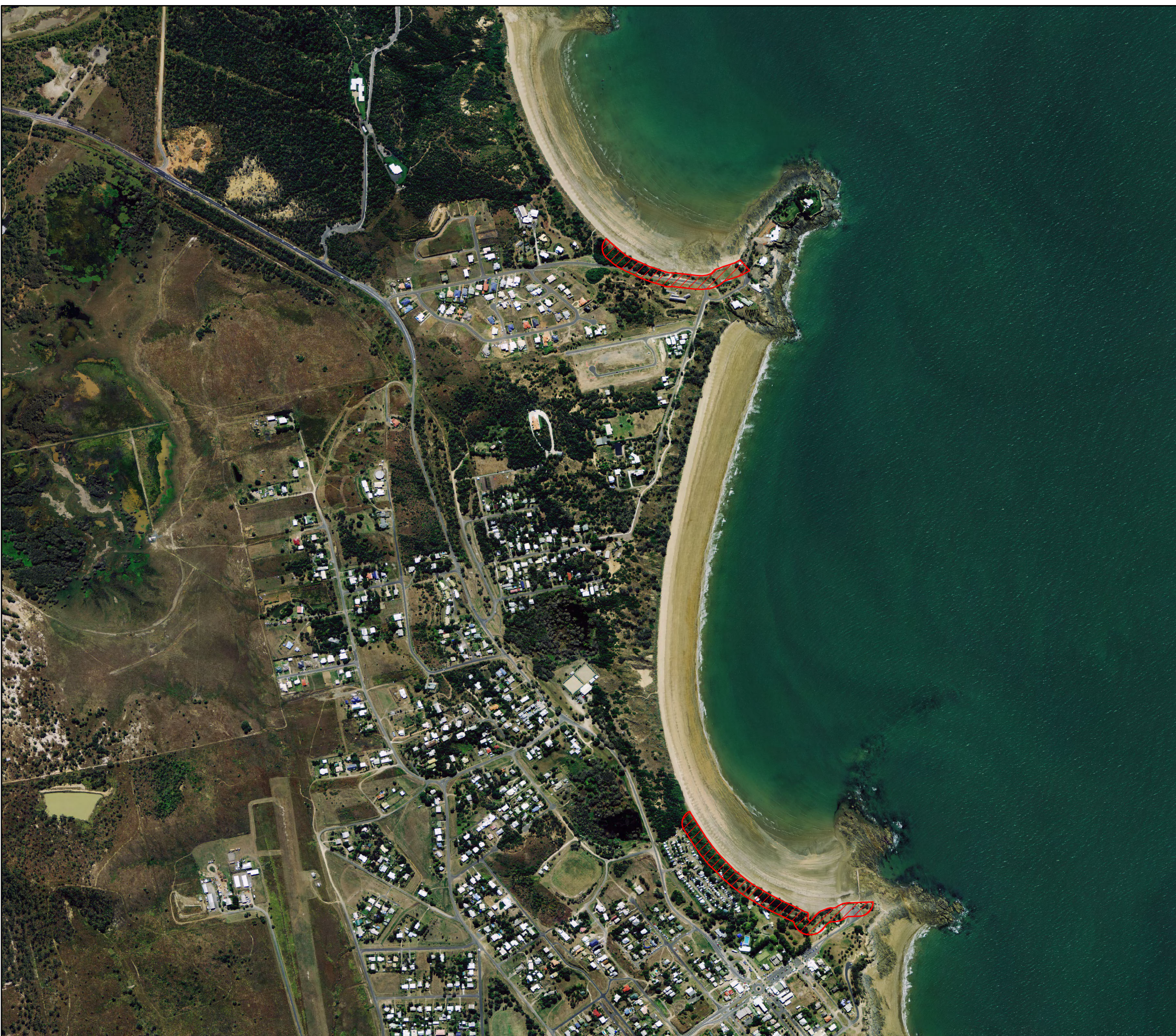


Vulnerable coastline

Yeppoon to Keppel Sands



0 500 Meters



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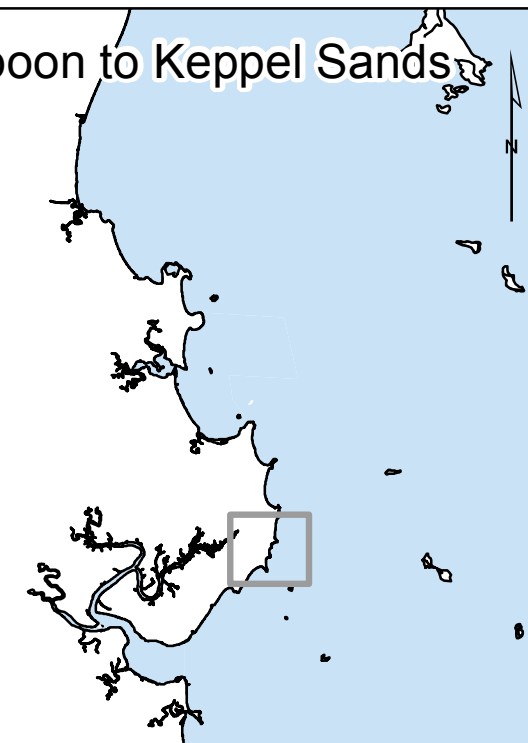
Current Climate

Coastal Recession: Page 7 of 8



Vulnerable coastline

Yeppoon to Keppel Sands



0 500 Meters



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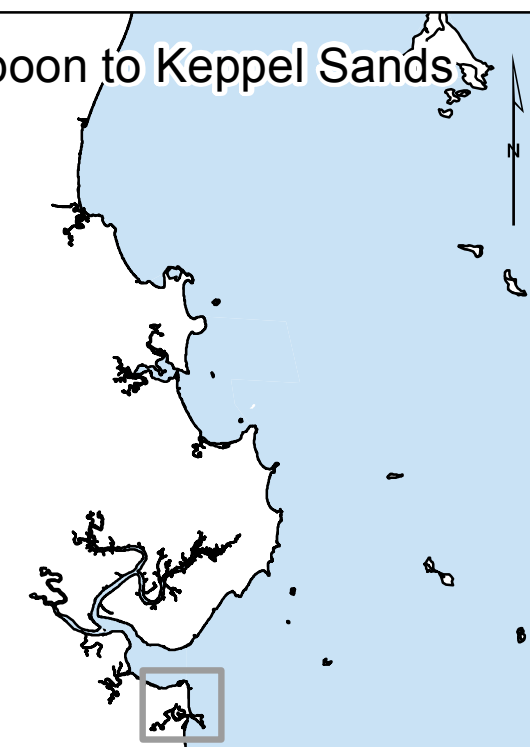
Current Climate

Coastal Recession: Page 8 of 8



Vulnerable coastline

Yeppoon to Keppel Sands



0 500 Meters



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