

## Appendices

### Appendix 1: Source Data

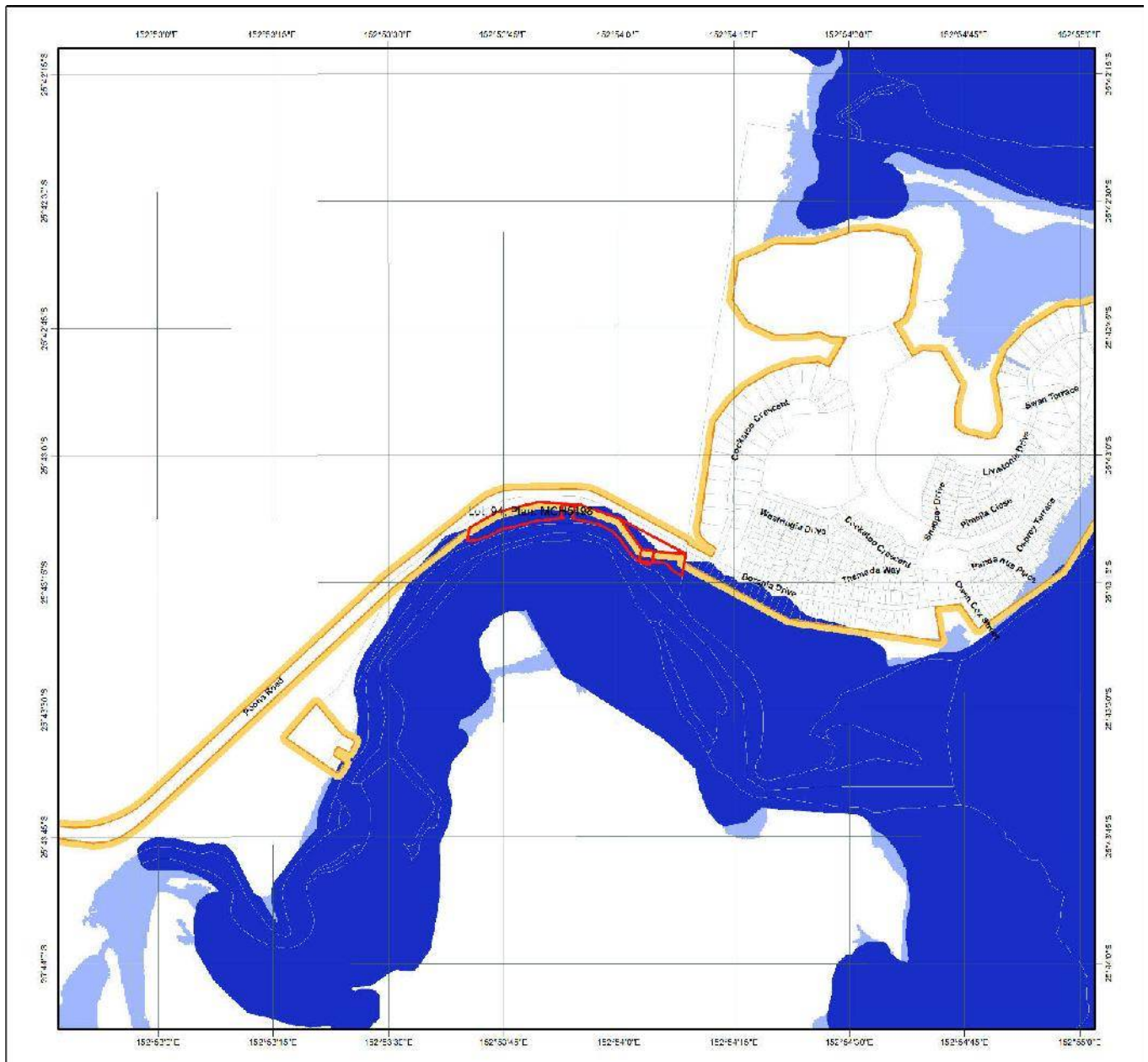
Theme	Datasets
Aquatic Conservation Assessments Non-riverine*	Combination of the following datasets: Cape York Peninsula Non-riverine v1.1 Great Barrier Reef Catchment Non-riverine v1.3 Lake Eyre and Bulloo Basins v1.1 QMDB Non-riverine ACA v1.4 Southeast Queensland ACA v1.1 WBB Non-riverine ACA v1.1
Aquatic Conservation Assessments Riverine*	Combination of the following datasets: Cape York Peninsula Riverine v1.1 Great Barrier Reef Catchment Riverine v1.1 Lake Eyre and Bulloo Basins v1.1 QMDB Riverine ACA v1.4 Southeast Queensland ACA v1.1 WBB Riverine ACA v1.1
Biodiversity Planning Assessments*	Combination of the following datasets: Brigalow Belt BPA v1.3 Cape York Peninsula BPA v1.1 Central Queensland Coast BPA v1.3 Channel Country BPA v1.1 Desert Uplands BPA v1.3 Einasleigh Uplands BPA v1.1 Gulf Plains BPA v1.1 Mitchell Grass Downs BPA v1.1 Mulga Lands BPA v1.4 New England Tableland v2.3 Southeast Queensland v4.1
Statewide BPA Corridors*	Statewide corridors v1.3
Threatened Species	An internal DEHP database compiled from Wildnet, Herbrecks, Corveg, the QLD Museum, as well as other incidental sources.
BPA Priority Species	An internal DEHP database compiled from Wildnet, Herbrecks, Corveg, the QLD Museum, as well as other incidental sources.
ACA Priority Species	An internal DEHP database compiled from Wildnet, Herbrecks, Corveg, the QLD Museum, as well as other incidental sources.

\*These datasets are available at:

<http://dds.information.qld.gov.au/DDS>

## Appendix 2 - Acronyms and Abbreviations

AOI	- Area of Interest
ACA	- Aquatic Conservation Assessment
AQUABAMM	- Aquatic Biodiversity Assessment and Mapping Methodology
BAMM	- Biodiversity Assessment and Mapping Methodology
BoT	- Back on Track
BPA	- Biodiversity Planning Assessment
CAMBA	- China-Australia Migratory Bird Agreement
EHP	- Department of Environment and Heritage Protection
EPBC	- <i>Environment Protection and Biodiversity Conservation Act 1999</i>
EVNT	- Endangered, Vulnerable, Near Threatened
GDA94	- Geocentric Datum of Australia 1994
GIS	- Geographic Information System
JAMBA	- Japan-Australia Migratory Bird Agreement
NCA	- <i>Nature Conservation Act 1992</i>
RE	- Regional Ecosystem
REDD	- Regional Ecosystem Description Database
ROKAMBA	- Republic of Korea-Australia Migratory Bird Agreement



## Coastal Hazard Areas Map Erosion Prone Area

### Legend

- Lot and Plan
- Erosion due to storm impact and long term trends including sediment supply deficit and channel migration
- Erosion from permanent tidal inundation due to sea level rise
- Coastal Management District
- Coastal Building Lines



0 140 280 420 560 700 m

This product is projected into:  
GDA 1984 MGA Zone 56

### Notes

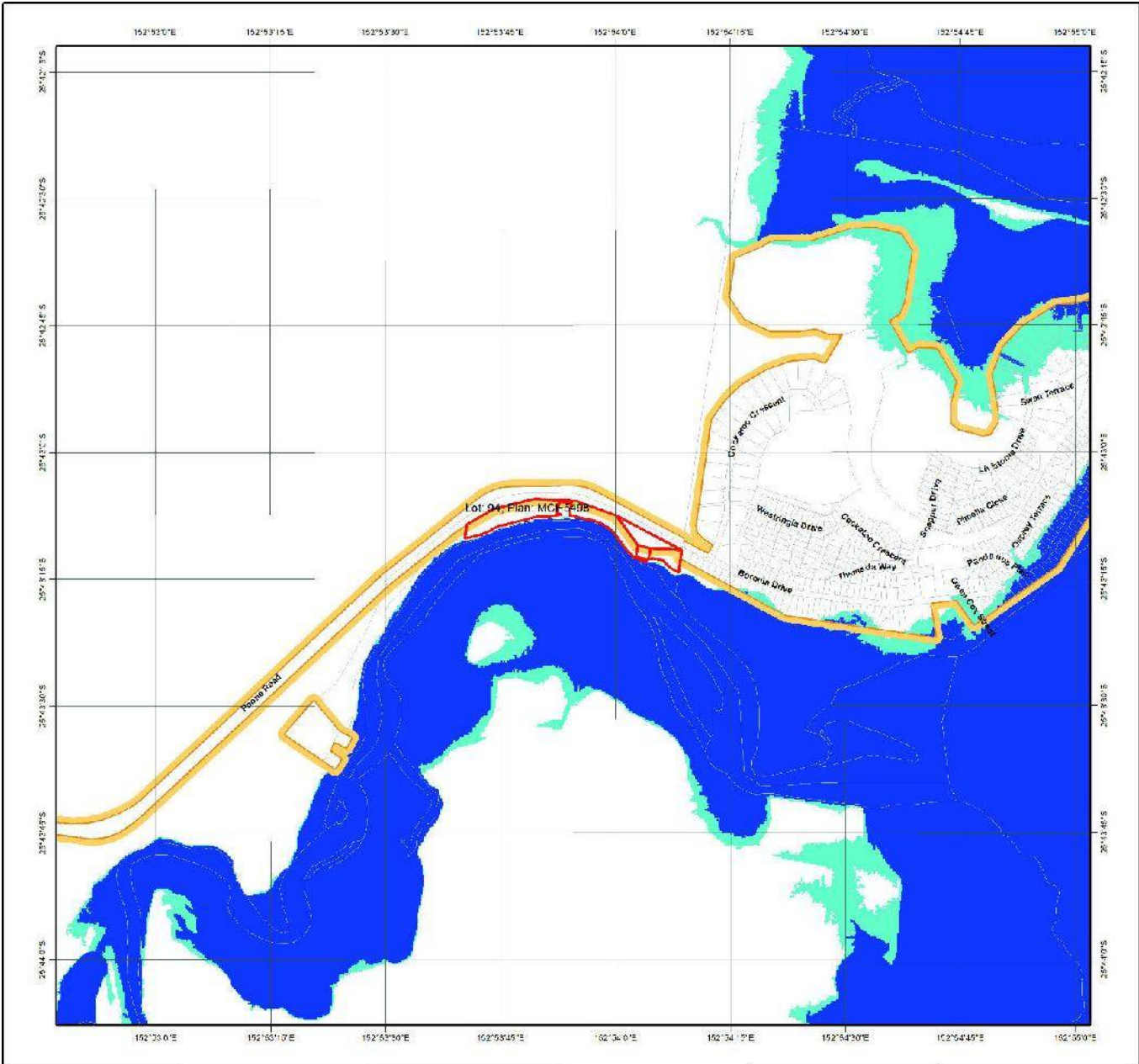
1. The areas shown on this map are indicative of the extent of erosion and permanent inundation defined by erosion prone area plans declared under the Coastal Protection and Management Act 1995. Only the declared erosion prone area plans should be used for development assessment. To determine the actual position of the erosion prone area a registered surveyor or geotechnical consultant may be required if there is any doubt.

2. Erosion prone area plans for each local government area and a comprehensive description of their determination are available from the Department of Environment and Heritage Protection website at [www.ehp.qld.gov.au](http://www.ehp.qld.gov.au)

Version 7 - October 2016

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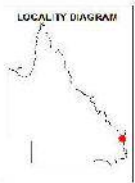


### Coastal Hazard Areas Map Storm Tide Inundation Area

#### Legend

- Lot and Plan
- High hazard area (greater than 1.0m water depth)
- Medium hazard area (less than 1.0m water depth)
- Coastal Management District
- Coastal hazard data not available in this area  
Refer to note 1 to determine
- Coastal Building Lines

\* Regional default values for a 100yr ARI inundation level including 0.8m sea level rise.



0 140 280 420 560 700 m

This product is projected into:  
GDA 1994 MGA Zone 56

#### Notes

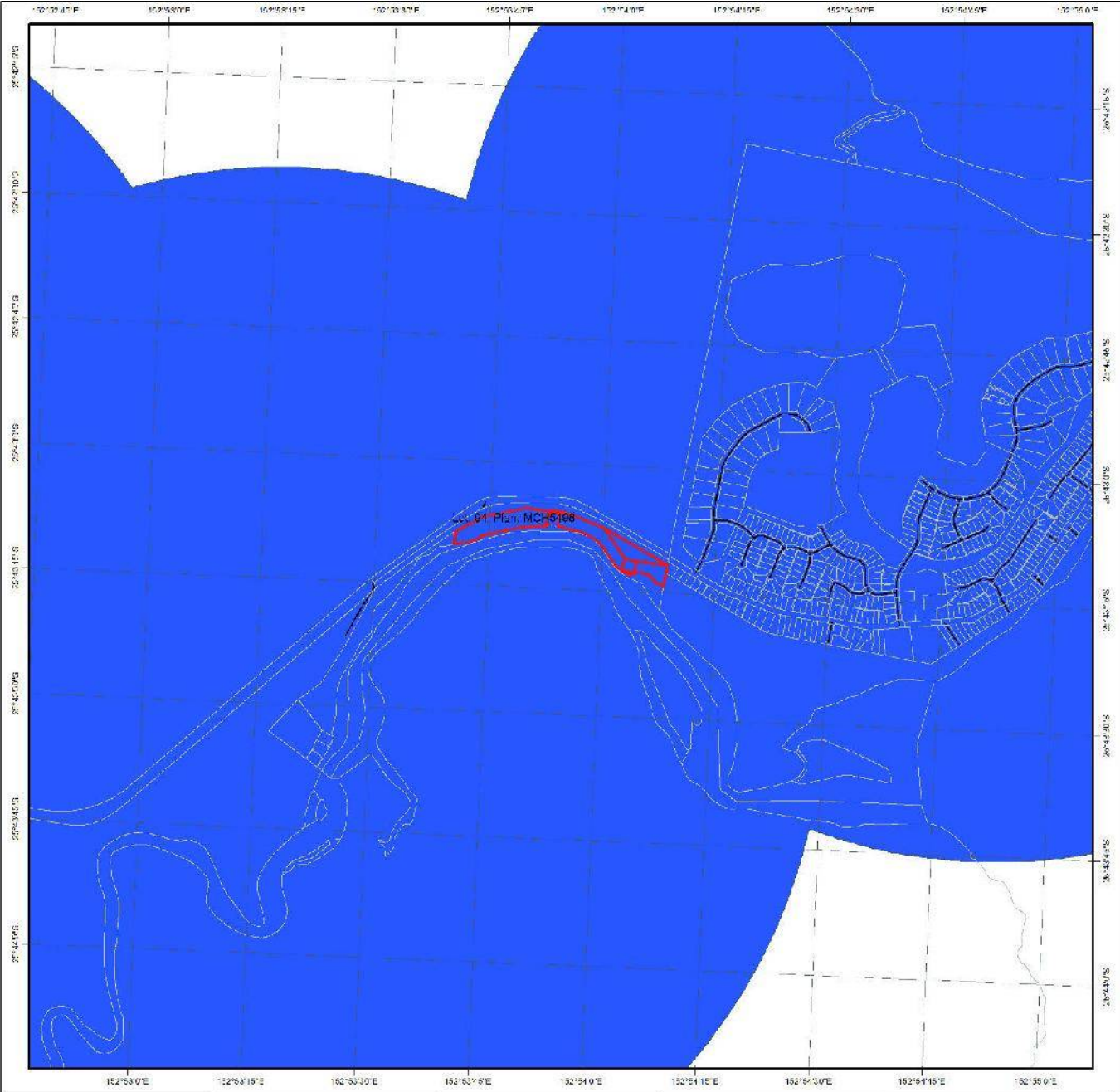
1. A default storm tide inundation level of 1.5 m HAT in South East Queensland regional planning area and 2 m HAT for the remainder of Queensland is used where projected storm tide inundation levels have not been determined locally.
2. The high hazard area may coincide with the area of permanent inundation - refer to the Erosion Prone Area map.
3. The map should be used as a guide only. Field surveys are recommended to verify feature boundaries.

Version 4 July 2016

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### Protected Plants Flora Survey Trigger Map

#### Legend

- Lot and Plan
- High risk area
- Cadastral line  
Property boundaries shown are provided as a locational aid only
- Freeways / motorways / highways
- Secondary roads / streets



This product is projected into:  
GDA 1994 Queensland and Albers

This map shows areas where particular provisions of the Nature Conservation Act 1992 apply to the clearing of protected plants.

This map is produced at a scale relevant to the size of the area selected and should be printed as A4 size in portrait orientation

For further information or assistance with interpretation of this product, please contact the Department of Environment and Heritage Protection at [palm@ehp.qd.gov.au](mailto:palm@ehp.qd.gov.au)

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Department of Environment and Heritage Protection

Environmental Reports

## **Matters of State Environmental Significance**

Area of Interest: Lot: 94 Plan: MCH5498

## Environmental Reports - General Information

The Environmental Reports portal provides for the assessment of selected matters of interest relevant to a user specified location, or area of interest (AOI). All area and derivative figures are relevant to the extent of matters of interest contained within the AOI unless otherwise stated. Please note, if a user selects an AOI via the "central coordinates" option, the resulting assessment area encompasses an area extending for a 2km radius from the point of interest.

All area and area derived figures included in this report have been calculated via reprojecting relevant spatial features to Albers equal-area conic projection (central meridian = 146, datum Geocentric Datum of Australia 1994). As a result, area figures may differ slightly if calculated for the same features using a different co-ordinate system.

Figures in tables may be affected by rounding.

The matters of interest reported on in this document are based upon available state mapped datasets. Where the report indicates that a matter of interest is not present within the AOI (e.g. where area related calculations are equal to zero, or no values are listed), this may be due either to the fact that state mapping has not been undertaken for the AOI, that state mapping is incomplete for the AOI, or that no values have been identified within the site.

The information presented in this report should be considered as a guide only and field survey may be required to validate values on the ground.

Please direct queries about these reports to: [Planning.Support@ehp.qld.gov.au](mailto:Planning.Support@ehp.qld.gov.au)

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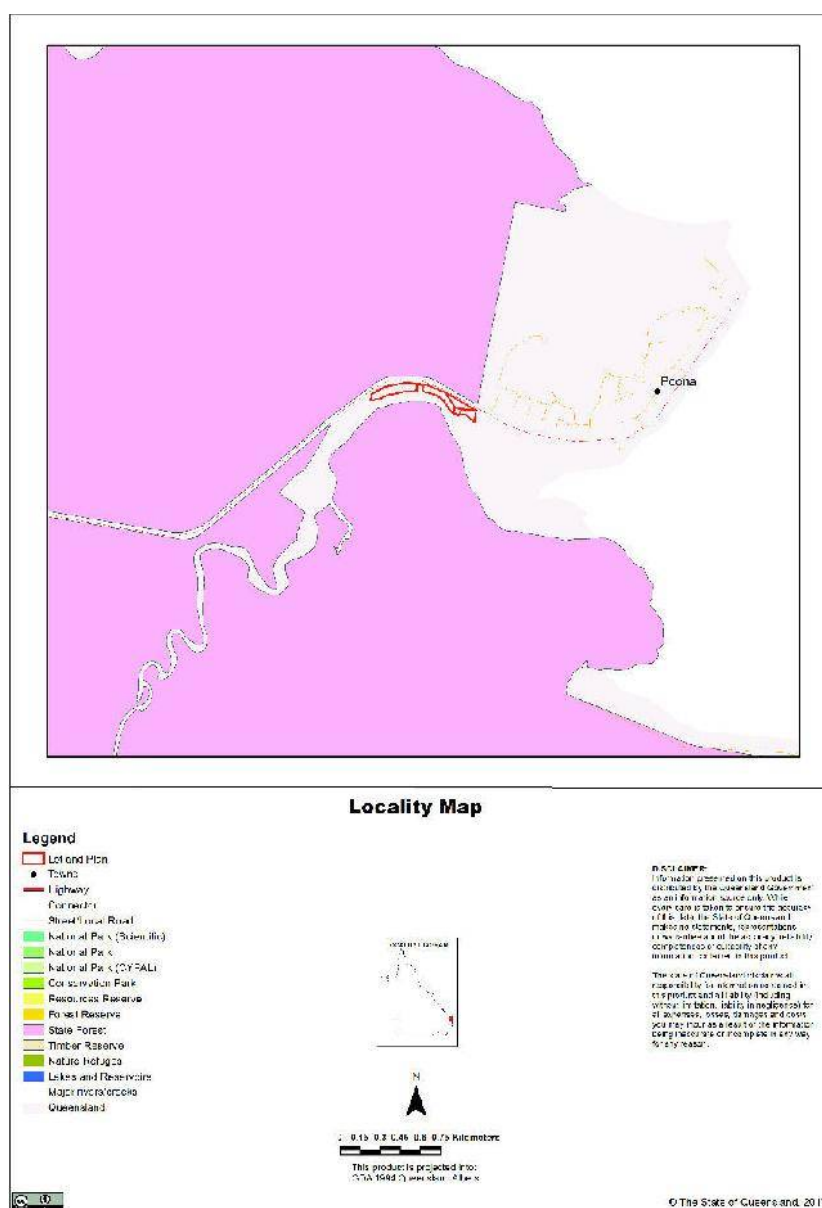


## Assessment Area Details

The following table provides an overview of the area of interest (AOI) with respect to selected topographic and environmental values.

**Table 1: Summary table, details for AOI Lot: 94 Plan: MCH5498**

Size (ha)	5.12
Local Government(s)	Fraser Coast Regional
Bioregion(s)	Southeast Queensland
Subregion(s)	Burnett - Curtis Coastal Lowlands
Catchment(s)	Noosa



## Matters of State Environmental Significance (MSES)

### MSES Categories

Queensland's State Planning Policy (SPP) includes a biodiversity State interest that states:

'The sustainable, long-term conservation of biodiversity is supported. Significant impacts on matters of national or state environmental significance are avoided, or where this cannot be reasonably achieved; impacts are minimised and residual impacts offset.'

The MSES mapping product is a guide to assist planning and development assessment decision-making. Its primary purpose is to support implementation of the SPP biodiversity policy. While it supports the SPP, the mapping does not replace the regulatory mapping or environmental values specifically called up under other laws or regulations. Similarly, the SPP biodiversity policy does not override or replace specific requirements of other Acts or regulations.

The SPP defines matters of state environmental significance as:

- Protected areas (including all classes of protected area except coordinated conservation areas) under the *Nature Conservation Act 1992*;
- Marine parks and land within a 'marine national park', 'conservation park', 'scientific research', 'preservation' or 'buffer' zone under the *Marine Parks Act 2004*;
- Areas within declared fish habitat areas that are management A areas or management B areas under the Fisheries Regulation 2008;
- Threatened wildlife under the *Nature Conservation Act 1992* and special least concern animals under the Nature Conservation (Wildlife) Regulation 2006;
- Regulated vegetation under the *Vegetation Management Act 1999* that is:
  - Category B areas on the regulated vegetation management map, that are 'endangered' or 'of concern' regional ecosystems;
  - Category C areas on the regulated vegetation management map that are 'endangered' or 'of concern' regional ecosystems;
  - Category R areas on the regulated vegetation management map;
  - Regional ecosystems that intersect with watercourses identified on the vegetation management watercourse and drainage feature map;
  - Regional ecosystems that intersect with wetlands identified on the vegetation management wetlands map;
- Strategic Environmental Areas under the *Regional Planning Interests Act 2014*;
- Wetlands in a wetland protection area of wetlands of high ecological significance shown on the Map of Referable Wetlands under the Environmental Protection Regulation 2008;
- Wetlands and watercourses in high ecological value waters defined in the Environmental Protection (Water) Policy 2009, schedule 2;
- Legally secured offset areas.

## MSES Values Present

The MSES values that are present in the area of interest are summarised in the table below:

**Table 2: Summary of MSES present within the AOI**

1a Protected Areas- estates	0.0 ha	0.0 %
1b Protected Areas- nature refuges	0.0 ha	0.0 %
2 State Marine Parks- highly protected zones	0.0 ha	0.0 %
3 Fish habitat areas (A and B areas)	0.0 ha	0.0 %
4 Strategic Environmental Areas (SEA)	0.0 ha	0.0 %
5 High Ecological Significance wetlands on the map of Referable Wetlands	0.58 ha	11.3%
6a High Ecological Value (HEV) wetlands	0.0 ha	0.0 %
6b High Ecological Value (HEV) waterways **	0.0 km	Not applicable
7 Threatened species and Iconic species	4.97 ha	97.1%
8a Regulated Vegetation - Endangered/Of concern in Category B (remnant)	0.88 ha	17.2%
8b Regulated Vegetation - Endangered/Of concern in Category C (regrowth)	0.0 ha	0.0 %
8c Regulated Vegetation - Category R (GBR riverine regrowth)	0.0 ha	0.0 %
8d Regulated Vegetation - Essential habitat	4.85 ha	94.7%
8e Regulated Vegetation - intersecting a watercourse **	0.0 km	Not applicable
8f Regulated Vegetation - within 100m of a Vegetation Management Wetland	0.0 ha	0.0 %
9a Legally secured offset areas- offset register areas	0.0 ha	0.0 %
9b Legally secured offset areas- vegetation offsets through a Property Map of Assessable Vegetation	0.0 ha	0.0 %

## Additional Information with Respect to MSES Values Present

### MSES - State Conservation Areas

#### Protected area (estates)

(no results)

#### Protected area (nature refuges)

(no results)

#### Marine park (highly protected)

(no results)

#### Declared fish habitat area (A and B areas)

(no results)

Refer to **Map 1 - MSES - State Conservation Areas** for an overview of the relevant MSES.

### MSES - Wetlands and Waterways

#### Strategic environmental area (designated precinct)

(no results)

#### High ecological significance wetlands

Natural wetlands that are 'High Ecological Significance' (HES) on the Map of Referable Wetlands are present.

#### HEV wetlands

(no results)

#### HEV watercourse

(no results)

Refer to **Map 2 - MSES - Wetlands and Waterways** for an overview of the relevant MSES.

### MSES - Species

#### Wildlife habitat (threatened and special least concern animal)

Threatened species and iconic species	Act	Species least concern animal	Koala Bushland Habitat	Dugong Protection	VMA Essential 2014 Habitat
Threat wildlife & Spec LeastC animals	NCA, VMA	None	None	None	Essential

Threatened species and iconic species	Act	Species least concern animal	Koala Bushland Habitat	Dugong Protection	VMA Essential 2014 Habitat
Threat wildlife & Spec LeastC animals	NCA, VMA	Mig. Bird	None	None	Essential
Threat wildlife & Spec LeastC animals	NCA	Mig. Bird	None	None	None

**Threatened species habitat**

Scientific name	Common name	NCA status	EPBC status
Xeromys myoides	water mouse	V	V

Note: The Threatened and Special Least Concern Animal (7) layer originates from the previous MSES version (4.1, dated at 2014). The layer does not represent all currently listed species and is subject to review.

*\*Nature Conservation Act 1992 (NCA) Status- Endangered (E), Vulnerable (V) or Special Least Concern Animal (SL). Environment Protection and Biodiversity Conservation Act 1999 (EPBC) status: Critically Endangered (CE) Endangered (E), Vulnerable (V)*

To request a species list for an area, or search for a species profile, access Wildlife Online at:

<https://www.qld.gov.au/environment/plants-animals/species-list/>

Refer to **Map 3 - MSES - Species** for an overview of the relevant MSES.

**MSES - Regulated Vegetation****category B**

Regional ecosystem	Vegetation management polygon	Vegetation management status
12.3.13/12.3.14	O-subdom	rem_oc

**category C**

Not applicable

For further information relating to regional ecosystems in general, go to:

<https://www.qld.gov.au/environment/plants-animals/plants/ecosystems/>

For a more detailed description of a particular regional ecosystem, access the regional ecosystem search page at:

<https://environment.ehp.qld.gov.au/regional-ecosystems/>

**category R**

Not applicable

**essential habitat**

Values are present

**Regulated vegetation intersecting a watercourse**

(no results)



**Regulated vegetation 100m from wetland**

Not applicable

Refer to **Map 4 - MSES - Regulated Vegetation** for an overview of the relevant MSES.

**MSES - Offsets****Legally secured offset area (offset register)**

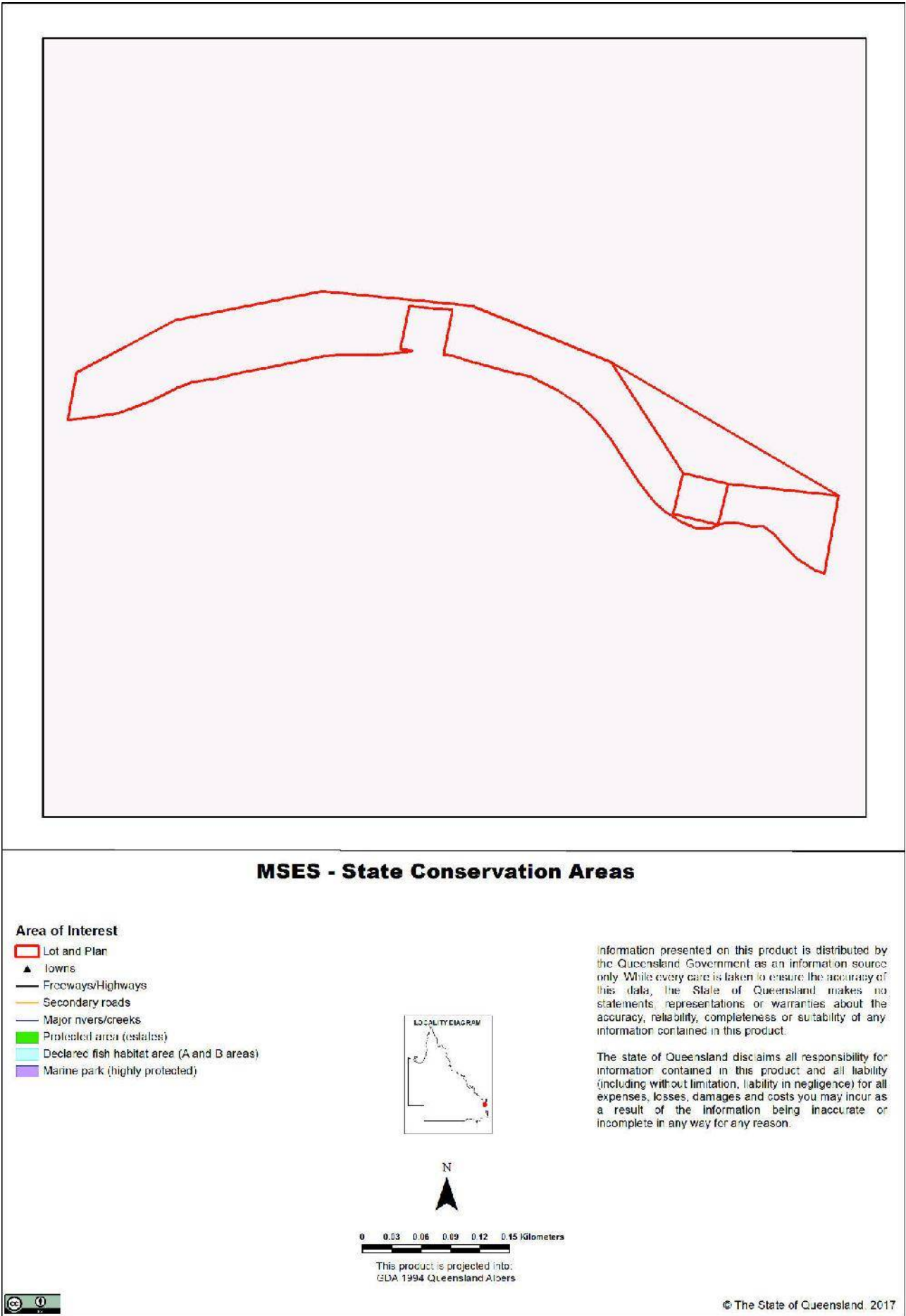
(no results)

**Legally secured offset area (vegetation offsets)**

(no results)

Refer to **Map 5 - MSES - Offset Areas** for an overview of the relevant MSES.

Map 1 - MSES - State Conservation Areas



## Map 2 - MSES - Wetlands and Waterways



### MSES - Wetlands and Waterways

#### Area of Interest

- Lot and Plan
- ▲ Towns
- Freeways/highways
- Secondary roads
- Major rivers/creeks
- Declared high ecological value waters (watercourse)
- Strategic environmental area (designated precinct)
- Declared high ecological value waters (wetland)
- High ecological significance wetlands



0 0.03 0.06 0.09 0.12 0.15 Kilometers

This product is projected into:  
GDA 1994 Queensland Albers

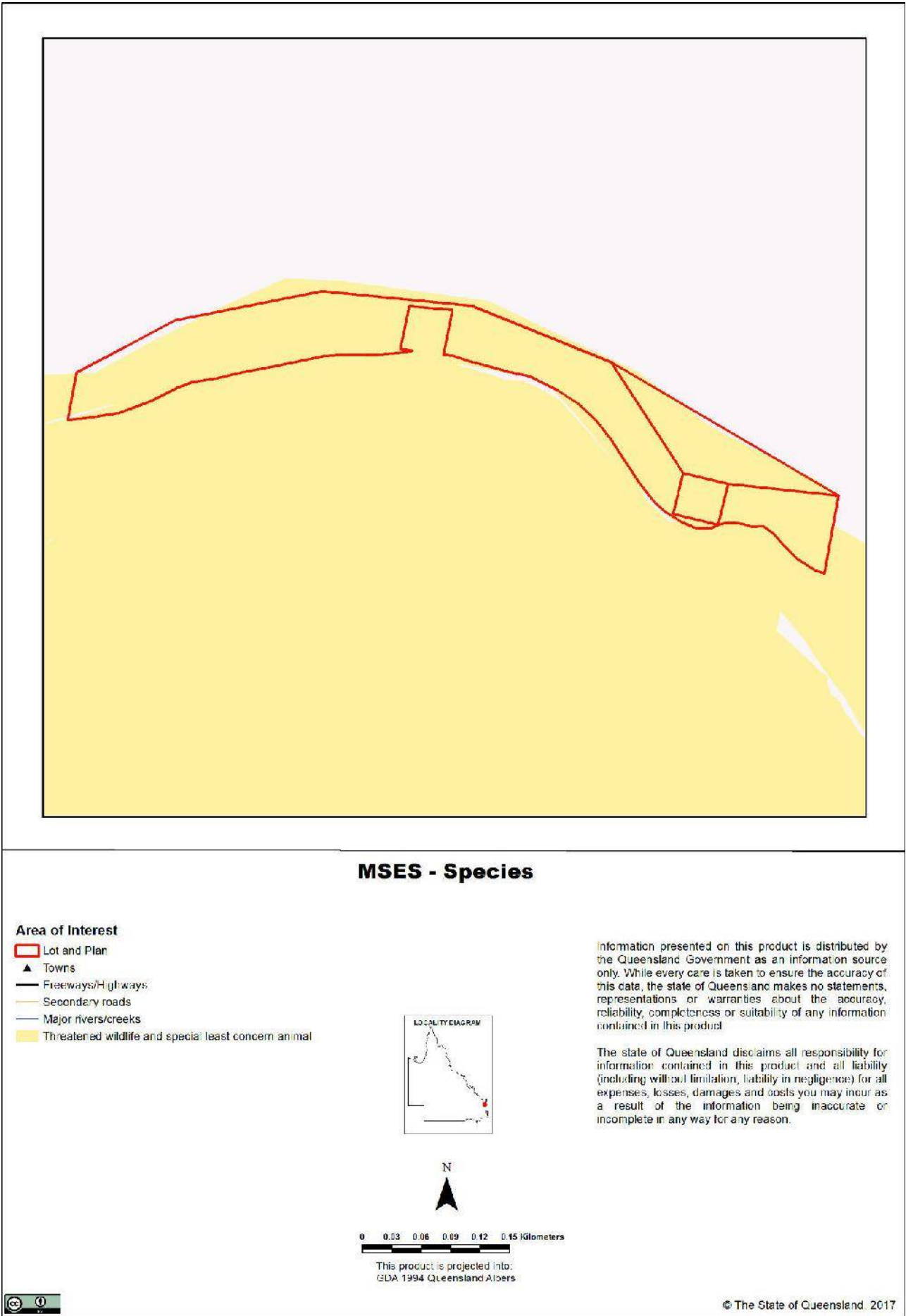
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Map 3 - MSES - Species



## Map 4 - MSES - Regulated Vegetation



### MSES - Regulated Vegetation

#### Area of Interest

- Foot and Plan
- ▲ Towns
- Freeways/Highways
- Secondary roads
- Major rivers/creeks
- Regulated vegetation (intersecting a watercourse)
- Regulated vegetation (100m from wetland)
- Regulated vegetation (category B - endangered or of concern)
- Regulated vegetation (category C - endangered or of concern)
- Regulated vegetation (category R - GBR riparian)
- Regulated vegetation (essential habitat)



0 0.03 0.06 0.09 0.12 0.15 Kilometers

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GDA 1994 Queensland Albers

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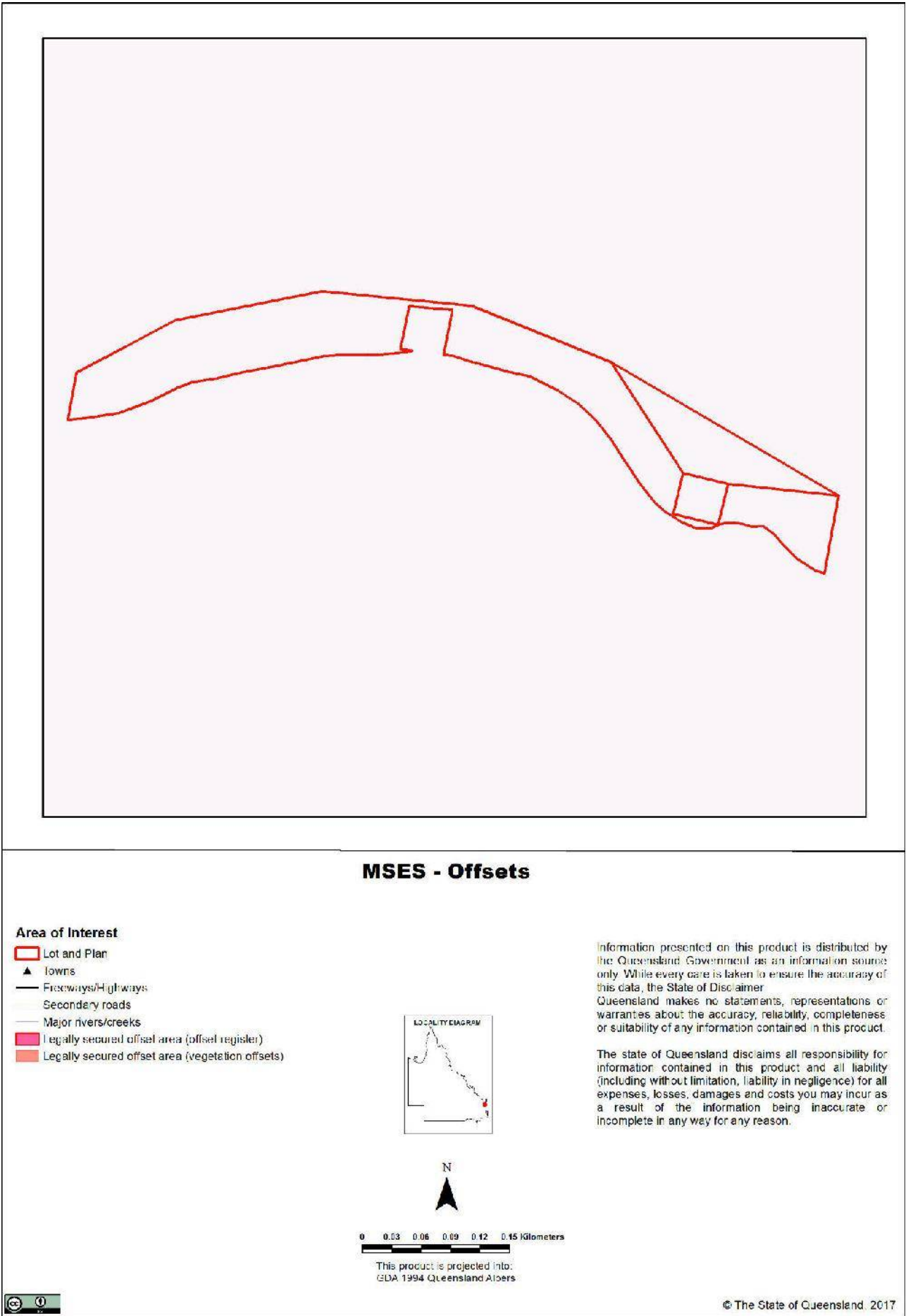
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Map 5 - MSES - Offset Areas



## Appendices

### Appendix 1 - Matters of State Environmental Significance (MSES) methodology

MSES mapping is a regional-scale representation of the definition for MSES under the State Planning Policy (SPP). The compiled MSES mapping product is a guide to assist planning and development assessment decision-making. Its primary purpose is to support implementation of the SPP biodiversity policy. While it supports the SPP, the mapping does not replace the regulatory mapping or environmental values specifically called up under other laws or regulations. Similarly, the SPP biodiversity policy does not override or replace specific requirements of other Acts or regulations.

The Queensland Government's "Method for mapping - matters of state environmental significance for use in land use planning and development assessment" can be downloaded from:

<http://www.ehp.qld.gov.au/land/natural-resource/method-mapping-mses.html>.

## Appendix 2 - Source Data

The datasets listed below are available on request from:

<http://qldspatial.information.qld.gov.au/catalogue/custom/index.page>

- Matters of State environmental significance

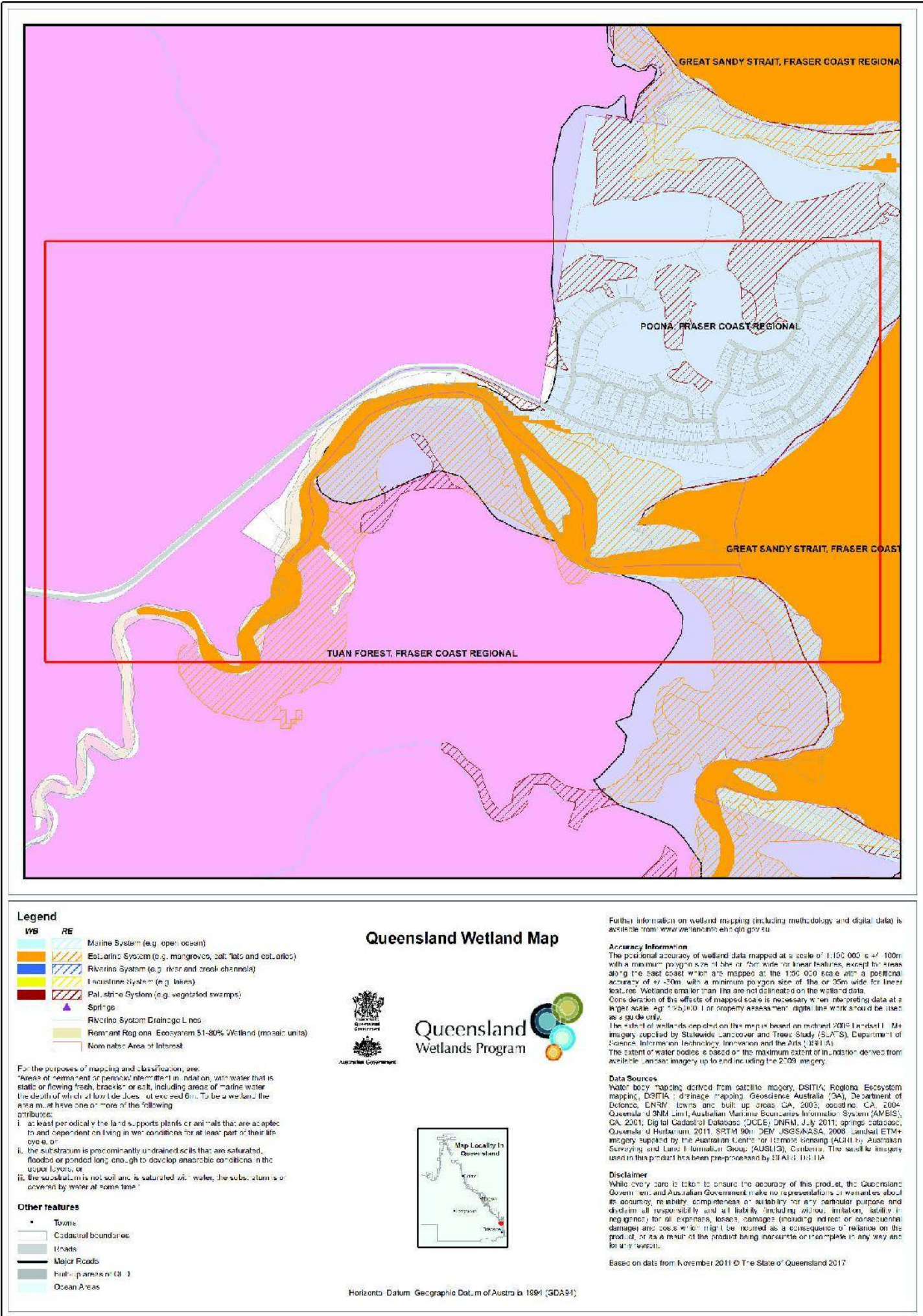
Note: MSES mapping is not based on new or unique data. The primary mapping product draws data from a number of underlying environment databases and geo-referenced information sources. MSES mapping is a versioned product that is updated generally on a twice-yearly basis to incorporate the changes to underlying data sources. Several components of MSES mapping made for the current version may differ from the current underlying data sources. To ensure accuracy, or proper representation of MSES values, it is strongly recommended that users refer to the underlying data sources and review the current definition of MSES in the State Planning Policy, before applying the MSES mapping.

Individual MSES layers can be attributed to the following source data available at QSpatial:

MSES layers	current QSpatial data ( <a href="http://qspatial.information.qld.gov.au">http://qspatial.information.qld.gov.au</a> )
Protected Areas-Estates and Nature Refuges	- Protected areas of Queensland - Nature Refuges - Queensland
Marine Park-Highly Protected Zones	Moreton Bay marine park zoning 2008
Fish Habitat Areas	Queensland fish habitat areas
Strategic Environmental Areas-designated	Regional Planning Interests Act - Strategic Environmental Areas
HES wetlands	Map of Referable Wetland - wetland layers: - Wetland management area wetlands - Wetland protection area wetlands
wetlands in HEV waters	HEV waters: - EPP Water (multiple locations) intent for waters Source Wetlands: - Queensland Wetland Mapping (Current version 4, 2015) Source Watercourses: - Vegetation management watercourse and drainage feature map (1:100000 and 1:250000) - latest version 1.4
Wildlife habitat (threatened and special least concern)	-WildNet database species records - habitat suitability models (various)
VMA regulated regional ecosystems	Vegetation management regional ecosystem and remnant map - latest version 8.0
VMA Essential Habitat	Vegetation management - essential habitat map - latest version 4.41
VMA Wetlands	Vegetation management wetlands map - latest version 2.41
Legally secured offsets	Vegetation Management Act property maps of assessable vegetation. For offset register data-contact EHP
Regulated Vegetation Map	Vegetation management - regulated vegetation management map - latest version 1.41

## Appendix 3 - Acronyms and Abbreviations

AOI	- Area of Interest
EHP	- Department of Environment and Heritage Protection
EP Act	- <i>Environmental Protection Act 1994</i>
EPP	- Environmental Protection Policy
GDA94	- Geocentric Datum of Australia 1994
GEM	- General Environmental Matters
GIS	- Geographic Information System
MSES	- Matters of State Environmental Significance
NCA	- <i>Nature Conservation Act 1992</i>
RE	- Regional Ecosystem
SPP	- State Planning Policy
VMA	- <i>Vegetation Management Act 1999</i>





Major Towns

(no results)

Local Government

Name	LGA Code	Abbreviation
FRASER COAST REGIONAL	3220	FRASER COAST

NRM Regions

NRM Body Name
Burnett Mary Regional Group

Basins

Basin Name
Noosa

Directory of Important Wetlands

Wetland Aggregaten	Area (ha)	ANCA Code	Location	Wetland Name
Great Sandy Strait	92000.08	SEQ09	20km ESE of Maryborough	Great Sandy Strait

Ramsar Wetlands

Ramsar Name	Designation Date	Management Authority
Great Sandy Strait	14/06/1999	QPWS,DPI,DNR,DOT

World Heritage Areas

(no results)

Fish Habitat Areas

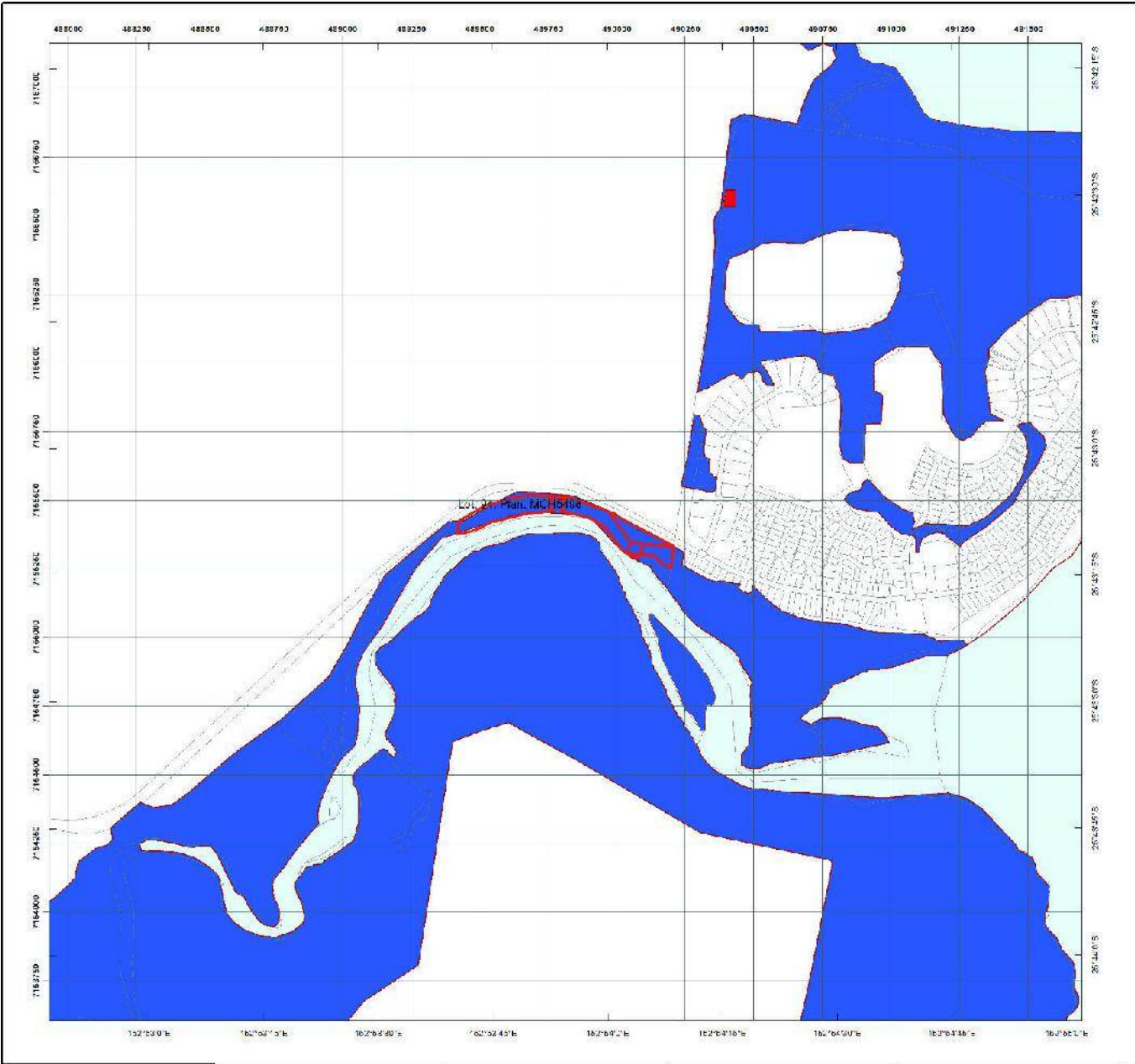
(no results)

Water Resource Plan Boundaries

SDI	Title	Internet
WM0768	Mary Basin	<a href="http://www.dnrm.qld.gov.au/water/catchments-planning/catchments/mary-basin">http://www.dnrm.qld.gov.au/water/catchments-planning/catchments/mary-basin</a>

Bioregions

Region Name
SEQ



### Regulated Vegetation Management Map

#### Legend

- Inland Plan
- Category A area (Vegetation offsets/compliance notices/VDecs)
- Category B area (Remnant vegetation)
- Category C area (High-value regrowth vegetation)
- Category R area (Reef regrowth watercourse vegetation)
- Category X area (Exempt clearing work on Freehold, Indigenous and Leasehold land)
- Water
- Area not categorised
- Cadastral line
- Property boundaries shown are provided as a locational aid only



0 200 400 600 800 1,000 m

This product is projected into  
GDA 1991 MGA Zone 50

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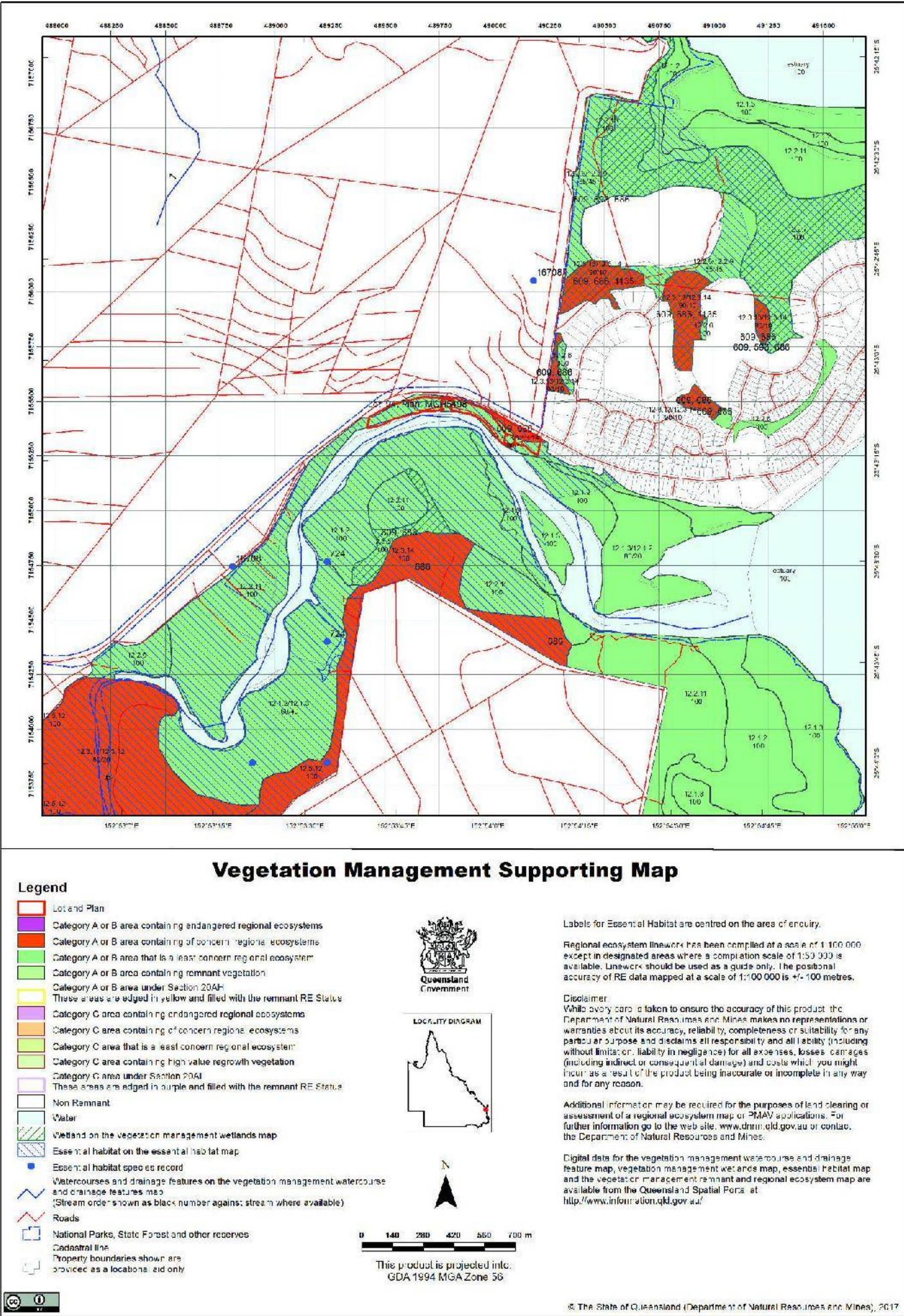
Additional information required for the assessment of vegetation values is provided in the accompanying 'Vegetation Management Supporting map'. For further information go to the web site: [www.dnrm.qld.gov.au](http://www.dnrm.qld.gov.au) or contact the Department of Natural Resources and Mines.

Digital data for the regulated vegetation management map is available from the Queensland Spatial Portal at <http://www.information.qld.gov.au/>

This map is updated on a monthly basis to ensure new PMAVs are included as they are approved.







## Vegetation Management Act 1999 - Extract from the essential habitat database

Essential habitat is required for assessment under the:

- State Development Assessment Provisions - State Code 16: Native vegetation clearing which sets out the matters of interest to the state for development assessment under the *Planning Act 2016*; and
- Self-assessable vegetation clearing codes made under the *Vegetation Management Act 1999*

Essential habitat for one or more of the following species is found on and within 1.1 km of the identified subject lot/s on the accompanying essential habitat map.

This report identifies essential habitat in Category A, B and Category C areas.

The numeric labels on the essential habitat map can be cross referenced with the database below to determine which essential habitat factors might exist for a particular species.

Essential habitat is compiled from a combination of species habitat models and buffered species records.

The Department of Natural Resources and Mines website (<http://www.dnrm.qld.gov.au>) has more information on how the layer is applied under the State Development Assessment Provisions - State Code 16: Native vegetation clearing and the *Vegetation Management Act 1999*.

Regional ecosystem is a mandatory essential habitat factor, unless otherwise stated.

Essential habitat, for protected wildlife, means a category A area, a category B area or category C area shown on the regulated vegetation management map-

- 1) (a) that has at least 3 essential habitat factors for the protected wildlife that must include any essential habitat factors that are stated as mandatory for the protected wildlife in the essential habitat database; or
- 2) (b) in which the protected wildlife, at any stage of its life cycle, is located.

Essential habitat identifies endangered or vulnerable native wildlife prescribed under the *Nature Conservation Act 1992*.

### Essential habitat in Category A and/or Category B

Label	Scientific Name	Common Name	NCA Status	Vegetation Community	Altitude	Soils	Position in Landscape
609	<i>Litoria freycineti</i>	Wallum Rocketfrog	V	Vegetation community is a mandatory essential habitat factor for this species. Freshwater acidic swamps/lagoons (permanent or temporary still water) dominated by sedges (e.g. <i>Baumea</i> and <i>Eleocharis</i> spp.) in heathland (e.g. <i>Banksia/Xanthorrhoea</i> ), wallum ( <i>Banksia aemula</i> shrubland/woodland) or Melaleuca open forest (e.g. <i>M. quinquenervia</i> ), and adjacent <i>Eucalyptus racemosa</i> forest, also found around acidic coastal lakes; on sand and sandstone; can be found well away from water during non-breeding season.	Sea level to 200m.	Sandy and alluvial substrates.	None
686	<i>Crinia tinnula</i>	Wallum Froglet	V	Vegetation community is a mandatory essential habitat factor for this species. Permanent to ephemeral acidic (pH 4.3 - 5.2), soft freshwater in Melaleuca (e.g. <i>M. quinquenervia</i> ) swamps, sedgeland, wet and dry heathland (e.g. <i>Banksia robur</i> , <i>Xanthorrhoea</i> ) and wallum ( <i>Banksia aemula</i> shrubland/woodland) areas coastal lowlands on sand or sandstone, occasionally in adjacent open forest/woodland (e.g. <i>Eucalyptus racemosa</i> , <i>Corymbia citriodora</i> ) with heathy understorey; known to persist in small remnants (<10ha); may be found well away from water.	Sea level to 200m.	Sandy and sandy-alluvial substrates.	None
724	<i>Xeromys myoides</i>	Water Mouse/False Water-rat	V	Sedgeland ( <i>Juncus</i> , <i>Baumea</i> , <i>Lepironia</i> , <i>Cyperus</i> , <i>Eleocharis</i> ), salt meadow/saline grassland ( <i>Sporobolus virginicus</i> ), wet heathland ( <i>Banksia robur</i> , <i>Gahnia</i> spp.) and saltmarsh-chenopod grassland behind mangroves; and in open-closed mangrove scrub-forest (e.g. <i>Avicennia marinus</i> subsp. <i>australasica</i> in SEQ, <i>Ceriops tagal</i> ± <i>Bruguiera</i> spp. but forage in adjacent <i>Avicennia</i> and saltpan areas in CQC), Melaleuca <i>quinquenervia</i> swamp forest or fresh-water mangrove, and supralittoral banks with <i>Callitris</i> and <i>Casuarina</i> .	Sea level to 100m.	no soil information	Coastal areas near mangroves/swamp s.
16708	<i>Macrozamia pauli-guilielmi</i>	None	E	woodland, forest	0 to 250 m	sand, sandy, loams	slope, flats, undulating, ridge

Label	Regional Ecosystem (mandatory unless otherwise specified)
609	12.2.2, 12.2.5, 12.2.7, 12.2.12, 12.2.13, 12.2.15, 12.3.4, 12.3.5, 12.3.6, 12.3.12, 12.3.13, 12.5.4, 12.5.9, 12.9-10.10, 12.9-10.22. These regional ecosystems are not a mandatory essential habitat factor for this species.
686	12.2.5, 12.2.7, 12.2.9, 12.2.10, 12.2.12, 12.2.15, 12.3.4, 12.3.5, 12.3.6, 12.3.12, 12.3.14, 12.5.10. These regional ecosystems are not a mandatory essential habitat factor for this species.
724	7.1.1, 7.1.2, 7.1.3, 7.1.4, 7.1.5, 7.2.3, 7.2.4, 7.2.7, 7.2.8, 7.2.9, 7.2.10, 7.2.11, 7.3.1, 7.3.2, 7.3.5, 7.3.6, 7.3.7, 7.3.8, 8.1.1, 8.1.2, 11.1.1, 11.1.2, 11.1.3, 11.1.4, 11.2.2, 11.2.4, 11.2.5, 11.3.27, 12.1.1, 12.1.2, 12.1.3, 12.2.5, 12.2.7, 12.2.11, 12.2.12, 12.2.14, 12.2.15, 12.3.4, 12.3.5, 12.3.6, 12.3.8, 12.3.12, 12.3.13
16708	12.2.5, 12.2.7, 12.2.8, 12.2.11, 12.3.4, 12.3.14, 12.3.5, 12.3.11, 12.3.12, 12.3.13, 12.3.14, 12.5.1, 12.5.4, 12.5.8, 12.5.9, 12.5.10, 12.5.12, 12.9-10.1, 12.9-10.2, 12.9-10.3, 12.9-10.4, 12.9-10.17, 12.9-10.19, 12.9-10.21, 12.11.6, 12.11.14

### Essential habitat in Category C

No records





## WildNet Records

### Species List

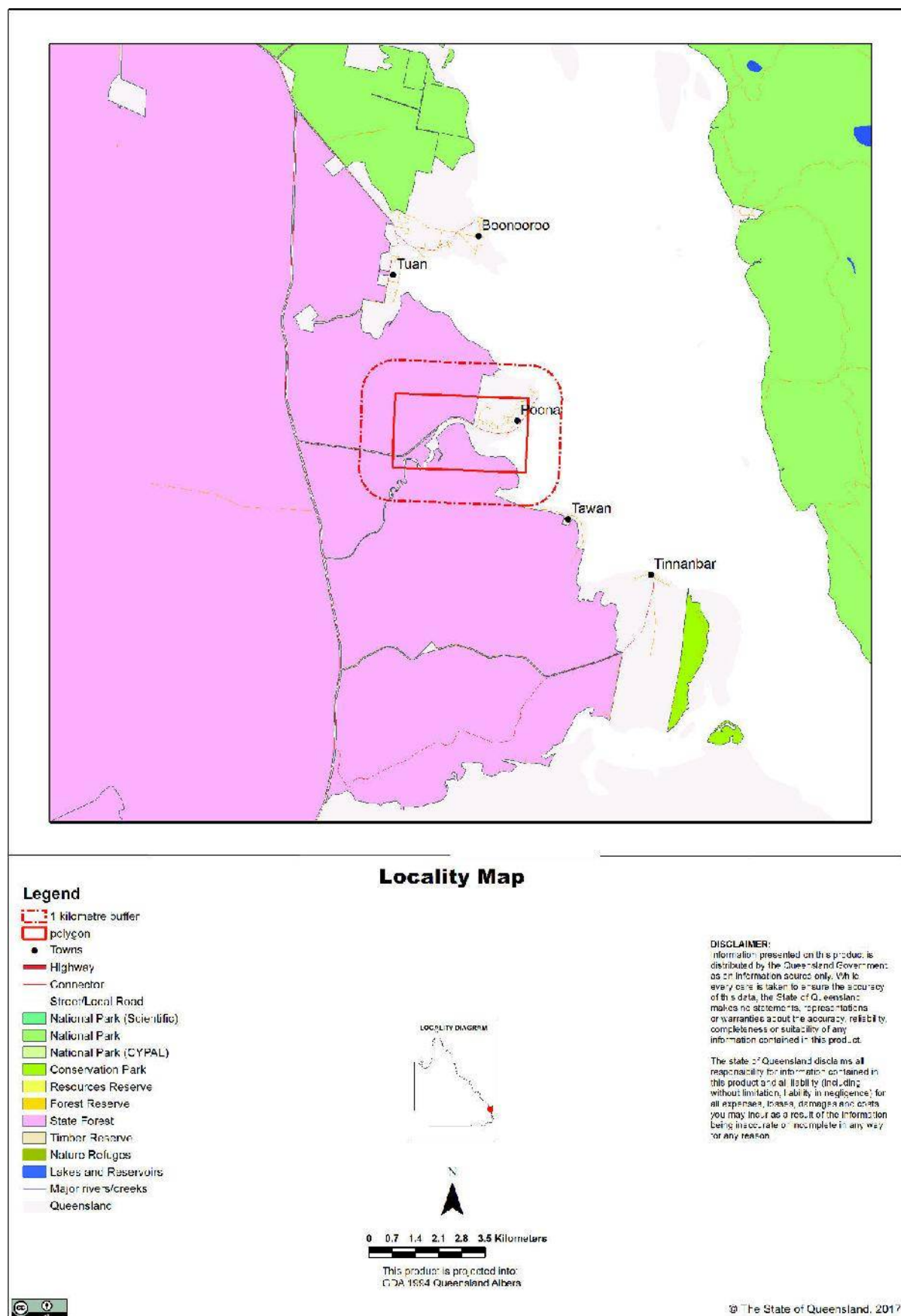
Current as at 13/11/2017



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## Locality Map



## Summary Information

The following table provides an overview of the selected area with respect to selected themes.

**Table 1: Area of interest details**

Size (ha)	907.04
Local Government(s)	Fraser Coast Regional
Bioregion(s)	Southeast Queensland
Subregion(s)	Burnett - Curtis Coastal Lowlands
Catchment(s)	Noosa
World Heritage Area(s)	None
Reserve(s) or Estate(s)	Tuan State Forest

## Species List

### Introduction

This Species List report is derived only from records from the WildNet database managed by the Department of Science, Information Technology and Innovation. Other internal and external data sources may provide additional information on species records.

The WildNet dataset is constantly being enhanced and the taxonomic and status information revised. If a species does not occur in the report, it does not mean it doesn't occur there and listed species may also no longer inhabit the area.

Table 1 contains the Animals recorded within the selected area and its one kilometre buffer.

Table 2 contains the Plants recorded within the selected area and its one kilometre buffer.

Table 3 contains the Fungi recorded within the selected area and its one kilometre buffer.

Table 4 contains the Protists recorded within the selected area and its one kilometre buffer.

**Table 1: Animals recorded within the selected area and its 1 kilometre buffer**

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
716	Amphibia	Bufonidae	<i>Rhinella marina</i>	cane toad	None	None	0	5	25/03/2010
608	Amphibia	Hylidae	<i>Litoria fallax</i>	eastern sedgefrog	C	None	0	3	25/03/2010
589	Amphibia	Hylidae	<i>Litoria tyleri</i>	southern laughing treefrog	C	None	0	1	25/03/2010
681	Amphibia	Limnodynastidae	<i>Limnodynastes peronii</i>	striped marshfrog	C	None	0	4	25/03/2010
661	Amphibia	Myobatrachidae	<i>Pseudophryne raveni</i>	copper backed broodfrog	C	None	0	4	25/03/2010
1423	Aves	Acanthizidae	<i>Acanthiza pusilla</i>	brown thornbill	C	None	0	1	25/06/1999
1408	Aves	Acanthizidae	<i>Gerygone levigaster</i>	mangrove gerygone	C	None	0	1	02/01/2000
1718	Aves	Accipitridae	<i>Haliaeetus leucogaster</i>	white-bellied sea-eagle	C	None	0	1	25/06/1999
1720	Aves	Accipitridae	<i>Haliastur indus</i>	brahminy kite	C	None	0	3	06/07/2003

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Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
1707	Aves	Accipitridae	<i>Haliastur sphenurus</i>	whistling kite	C	None	0	7	31/08/2005
1776	Aves	Alcedinidae	<i>Ceyx azureus</i>	azure kingfisher	C	None	0	1	30/04/1978
1992	Aves	Anatidae	<i>Anas castanea</i>	chestnut teal	C	None	0	1	25/06/1999
1831	Aves	Ardeidae	<i>Ardea intermedia</i>	intermediate egret	C	None	0	1	05/09/1971
1839	Aves	Ardeidae	<i>Butorides striata</i>	striated heron	C	None	0	2	31/08/2005
1840	Aves	Ardeidae	<i>Egretta garzetta</i>	little egret	C	None	0	2	31/08/2005
1826	Aves	Ardeidae	<i>Egretta novaehollandiae</i>	white-faced heron	C	None	0	4	31/08/2005
1660	Aves	Artamidae	<i>Artamus leucorhynchus</i>	white-breasted woodswallow	C	None	0	1	05/09/1971
1654	Aves	Artamidae	<i>Cracticus nigrogularis</i>	pied butcherbird	C	None	0	3	31/08/2005
1644	Aves	Artamidae	<i>Cracticus tibicen</i>	Australian magpie	C	None	0	6	31/08/2005
1656	Aves	Artamidae	<i>Cracticus torquatus</i>	grey butcherbird	C	None	0	4	02/01/2000
1645	Aves	Artamidae	<i>Strepera graculina</i>	pied currawong	C	None	0	2	31/08/2005
1956	Aves	Burhinidae	<i>Burhinus grallarius</i>	bush stone-curlew	C	None	0	1	25/06/1999
1191	Aves	Cacatuidae	<i>Cacatua galerita</i>	sulphur-crested cockatoo	C	None	0	6	31/08/2005
1193	Aves	Cacatuidae	<i>Eolophus roseicapilla</i>	galah	C	None	0	1	10/10/2003
1636	Aves	Campephagidae	<i>Coracina novaehollandiae</i>	black-faced cuckoo-shrike	C	None	0	3	10/10/2003
1639	Aves	Campephagidae	<i>Coracina tenuirostris</i>	cicadabird	C	None	0	1	02/01/2000
1937	Aves	Charadriidae	<i>Charadrius ruficapillus</i>	red-capped plover	C	None	0	1	25/06/1999
27774	Aves	Charadriidae	<i>Vanellus miles</i>	masked lapwing	C	None	0	3	31/08/2005
1933	Aves	Charadriidae	<i>Vanellus miles novaehollandiae</i>	masked lapwing (southern subspecies)	C	None	0	4	02/01/2000
1820	Aves	Ciconiidae	<i>Ephippiorhynchus asiaticus</i>	black-necked stork	C	None	0	1	03/05/2001
1801	Aves	Columbidae	<i>Chalcophaps indica</i>	emerald dove	C	None	0	1	10/10/2003
1804	Aves	Columbidae	<i>Columba livia</i>	rock dove	None	None	0	2	02/01/2000
1810	Aves	Columbidae	<i>Geopelia humeralis</i>	bar-shouldered dove	C	None	0	4	31/08/2005
1797	Aves	Columbidae	<i>Geopelia striata</i>	peaceful dove	C	None	0	4	02/01/2000
1789	Aves	Columbidae	<i>Lopholaimus antarcticus</i>	topknot pigeon	C	None	0	1	25/06/1999
1793	Aves	Columbidae	<i>Ocyphaps lophotes</i>	crested pigeon	C	None	0	6	31/08/2005
1774	Aves	Columbidae	<i>Streptopelia chinensis</i>	spotted dove	None	None	0	5	31/08/2005

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Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
1779	Aves	Coraciidae	<i>Eurystomus orientalis</i>	dollarbird	C	None	0	3	10/10/2003
1609	Aves	Corvidae	<i>Corvus orru</i>	Torresian crow	C	None	0	5	31/08/2005
1751	Aves	Cuculidae	<i>Centropus phasianinus</i>	pheasant coucal	C	None	0	2	10/10/2003
1738	Aves	Cuculidae	<i>Eudynamys orientalis</i>	eastern koel	C	None	0	1	02/01/2000
1740	Aves	Cuculidae	<i>Scythrops novaehollandiae</i>	channel-billed cuckoo	C	None	0	1	02/01/2000
1601	Aves	Dicruridae	<i>Dicrurus bracteatus</i>	spangled drongo	C	None	0	2	02/01/2000
1359	Aves	Estrildidae	<i>Neochmia temporalis</i>	red-browed finch	C	None	0	1	25/06/1999
1926	Aves	Haematopodidae	<i>Haematopus longirostris</i>	Australian pied oystercatcher	C	None	0	3	02/01/2000
1767	Aves	Halcyonidae	<i>Dacelo novaeguineae</i>	laughing kookaburra	C	None	0	6	31/08/2005
1762	Aves	Halcyonidae	<i>Todiramphus sanctus</i>	sacred kingfisher	C	None	0	1	10/10/2003
1759	Aves	Halcyonidae	<i>Todiramphus sordidus</i>	Torresian kingfisher	C	None	0	4	31/08/2005
1572	Aves	Hirundinidae	<i>Hirundo neoxena</i>	welcome swallow	C	None	0	6	31/08/2005
1912	Aves	Laridae	<i>Chroicocephalus novaehollandiae</i>	silver gull	C	None	0	4	31/08/2005
1886	Aves	Laridae	<i>Gelochelidon nilotica</i>	gull-billed tern	SL	None	0	2	31/08/2005
1896	Aves	Laridae	<i>Hydroprogne caspia</i>	Caspian tern	SL	None	0	6	31/08/2005
1905	Aves	Laridae	<i>Sternula albifrons</i>	little tern	SL	None	0	1	02/01/2000
1895	Aves	Laridae	<i>Thalasseus bergii</i>	crested tern	SL	None	0	1	05/09/1971
1556	Aves	Maluridae	<i>Malurus lamberti</i>	variegated fairy-wren	C	None	0	2	02/01/2000
1558	Aves	Maluridae	<i>Malurus melanocephalus</i>	red-backed fairy-wren	C	None	0	1	02/01/2000
1542	Aves	Meliphagidae	<i>Anthochaera chrysoptera</i>	little wattletail	C	None	0	4	31/08/2005
1539	Aves	Meliphagidae	<i>Entomyzon cyanotis</i>	blue-faced honeyeater	C	None	0	7	31/08/2005
1524	Aves	Meliphagidae	<i>Gavicalis fasciularis</i>	mangrove honeyeater	C	None	0	2	02/01/2000
1497	Aves	Meliphagidae	<i>Lichmera indistincta</i>	brown honeyeater	C	None	0	5	31/08/2005
1504	Aves	Meliphagidae	<i>Meliphaga lewinii</i>	Lewin's honeyeater	C	None	0	2	02/01/2000
1507	Aves	Meliphagidae	<i>Melithreptus albogularis</i>	white-throated honeyeater	C	None	0	3	02/01/2000
1489	Aves	Meliphagidae	<i>Myzomela sanguinolenta</i>	scarlet honeyeater	C	None	0	3	31/08/2005



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Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
1493	Aves	Meliphagidae	<i>Philemon citreogularis</i>	little friarbird	C	None	0	3	02/01/2000
1494	Aves	Meliphagidae	<i>Philemon corniculatus</i>	noisy friarbird	C	None	0	6	31/08/2005
1764	Aves	Meropidae	<i>Merops ornatus</i>	rainbow bee-eater	C	None	0	4	31/08/2005
1589	Aves	Monarchidae	<i>Grallina cyaneoleuca</i>	magpie-lark	C	None	0	7	31/08/2005
1600	Aves	Monarchidae	<i>Myiagra inquieta</i>	restless flycatcher	C	None	0	1	25/06/1999
1586	Aves	Monarchidae	<i>Myiagra rubecula</i>	leadend flycatcher	C	None	0	2	02/01/2000
1611	Aves	Nectariniidae	<i>Dicaeum hirundinaceum</i>	mistletoebird	C	None	0	3	31/08/2005
1442	Aves	Oriolidae	<i>Oriolus sagittatus</i>	olive-backed oriole	C	None	0	1	10/10/2003
1444	Aves	Oriolidae	<i>Sphecotheres vieilloti</i>	Australasian figbird	C	None	0	4	31/08/2005
1449	Aves	Pachycephalidae	<i>Colluricincla harmonica</i>	grey shrike-thrush	C	None	0	4	10/10/2003
1436	Aves	Pachycephalidae	<i>Pachycephala pectoralis</i>	golden whistler	C	None	0	1	25/06/1999
1437	Aves	Pachycephalidae	<i>Pachycephala rufiventris</i>	rufous whistler	C	None	0	3	31/08/2005
1392	Aves	Pardalotidae	<i>Pardalotus striatus</i>	striated pardalote	C	None	0	4	31/08/2005
1284	Aves	Pelecanidae	<i>Pelecanus conspicillatus</i>	Australian pelican	C	None	0	3	31/08/2005
1347	Aves	Petroicidae	<i>Eopsaltria australis</i>	eastern yellow robin	C	None	0	1	25/06/1999
1332	Aves	Petroicidae	<i>Petroica rosea</i>	rose robin	C	None	0	1	25/06/1999
1261	Aves	Phalacrocoracidae	<i>Microcarbo melanoleucos</i>	little pied cormorant	C	None	0	3	02/01/2000
1264	Aves	Phalacrocoracidae	<i>Phalacrocorax varius</i>	pied cormorant	C	None	0	3	10/10/2003
1955	Aves	Podargidae	<i>Podargus strigoides</i>	tawny frogmouth	C	None	0	2	02/01/2000
1182	Aves	Psittacidae	<i>Aprosmictus erythropterus</i>	red-winged parrot	C	None	0	1	25/06/1999
1136	Aves	Psittacidae	<i>Platycercus adscitus</i>	pale-headed rosella	C	None	0	2	06/07/2003
1124	Aves	Psittacidae	<i>Trichoglossus chlorolepidotus</i>	scaly-breasted lorikeet	C	None	0	2	06/07/2003
1125	Aves	Psittacidae	<i>Trichoglossus haematodus moluccanus</i>	rainbow lorikeet	C	None	0	6	31/08/2005
1623	Aves	Psophodidae	<i>Psophodes olivaceus</i>	eastern whipbird	C	None	0	3	31/08/2005
1893	Aves	Recurvirostridae	<i>Himantopus himantopus</i>	black-winged stilt	C	None	0	2	31/08/2005
1575	Aves	Rhipiduridae	<i>Rhipidura albiscapa</i>	grey fantail	C	None	0	2	06/07/2003

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
1576	Aves	Rhipiduridae	<i>Rhipidura leucophrys</i>	willie wagtail	C	None	0	5	31/08/2005
1867	Aves	Scolopacidae	<i>Limosa lapponica baueri</i>	Western Alaskan bar-tailed godwit	V	V	0	2	02/01/2000
1855	Aves	Scolopacidae	<i>Limosa limosa</i>	black-tailed godwit	SL	None	0	1	13/01/2001
1843	Aves	Scolopacidae	<i>Numenius madagascariensis</i>	eastern curlew	E	CE	0	5	31/08/2005
1845	Aves	Scolopacidae	<i>Numenius phaeopus</i>	whimbrel	SL	None	0	2	02/01/2000
1860	Aves	Scolopacidae	<i>Tringa brevipes</i>	grey-tailed tattler	SL	None	0	2	13/01/2001
1102	Aves	Strigidae	<i>Ninox boobook</i>	southern boobook	C	None	0	1	25/06/1999
1823	Aves	Threskiornithidae	<i>Platalea regia</i>	royal spoonbill	C	None	0	1	25/06/1999
1812	Aves	Threskiornithidae	<i>Threskiornis molucca</i>	Australian white ibis	C	None	0	3	31/08/2005
1800	Aves	Threskiornithidae	<i>Threskiornis spinicollis</i>	straw-necked ibis	C	None	0	2	25/06/1999
1276	Aves	Timaliidae	<i>Zosterops lateralis</i>	silveryeye	C	None	0	1	25/06/1999
901	Mammalia	Macropodidae	<i>Macropus giganteus</i>	eastern grey kangaroo	C	None	0	1	05/09/1971
954	Mammalia	Miniopteridae	<i>Miniopterus australis</i>	little bent-wing bat	C	None	0	3	25/03/2010
998	Mammalia	Molossidae	<i>Mormopterus lumsdenae</i>	northern free-tailed bat	C	None	0	1	25/03/2010
724	Mammalia	Muridae	<i>Xeromys myoides</i>	water mouse	V	V	0	12	15/06/2012
2455	Mammalia	Pseudocheiridae	<i>Petauroides volans volans</i>	southern greater glider	V	V	1	1	28/12/1977
968	Mammalia	Rhinolophidae	<i>Rhinolophus megaphyllus</i>	eastern horseshoe-bat	C	None	0	1	25/03/2010
972	Mammalia	Vespertilionidae	<i>Chalinolobus gouldii</i>	Gould's wattled bat	C	None	0	1	25/03/2010
938	Mammalia	Vespertilionidae	<i>Nyctophilus sp.</i>	None	None	None	0	1	25/03/2010
931	Mammalia	Vespertilionidae	<i>Scotorepens greyii</i>	little broad-nosed bat	C	None	0	1	25/03/2010
923	Mammalia	Vespertilionidae	<i>Vespadelus darlingtoni</i>	large forest bat	C	None	0	1	25/03/2010

Table 2: Plants recorded within the selected area and its 1 kilometre buffer

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
16708	Cycadopsida	Zamiaceae	<i>Macrozamia pauli-guilielmi</i>	None	E	E	2	2	17/08/2011
17659	Liliopsida	Cyperaceae	<i>Caustis recurvata</i>	None	C	None	2	2	20/09/1993
12420	Liliopsida	Cyperaceae	<i>Cyperus polystachyos</i>	None	C	None	1	1	13/04/1993

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Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
14224	Liliopsida	Cyperaceae	<i>Schoenus brevifolius</i>	None	C	None	1	1	20/09/1993
12249	Liliopsida	Hemerocallidaceae	<i>Dianella</i>	None	C	None	1	1	20/09/1993
16535	Liliopsida	Iridaceae	<i>Patersonia fragilis</i>	None	C	None	1	1	20/09/1993
14436	Liliopsida	Laxmanniaceae	<i>Laxmannia compacta</i>	None	C	None	1	1	20/09/1993
16776	Liliopsida	Laxmanniaceae	<i>Lomandra longifolia</i>	None	C	None	1	1	20/09/1993
16777	Liliopsida	Laxmanniaceae	<i>Lomandra multiflora</i> subsp. <i>multiflora</i>	None	C	None	1	1	20/09/1993
16133	Liliopsida	Laxmanniaceae	<i>Sowerbaea juncea</i>	vanilla plant	C	None	1	1	20/09/1993
15648	Liliopsida	Poaceae	<i>Aristida benthamii</i> var. <i>benthamii</i>	None	C	None	1	1	13/04/1993
18424	Liliopsida	Poaceae	<i>Panicum simile</i>	None	C	None	1	1	20/09/1993
21905	Liliopsida	Restionaceae	<i>Baloskion pallens</i>	None	C	None	1	1	13/04/1993
18821	Liliopsida	Restionaceae	<i>Eurychorda complanata</i>	None	C	None	1	1	13/04/1993
15896	Liliopsida	Xyridaceae	<i>Xyris complanata</i>	yellow-eye	C	None	1	1	13/04/1993
16206	Polypodiopsida	Schizaeaceae	<i>Schizaea dichotoma</i>	branched comb fern	C	None	1	1	20/09/1993
15151	Rosopsida	Apiaceae	<i>Platysace lanceolata</i>	None	C	None	1	1	20/09/1993
15152	Rosopsida	Apiaceae	<i>Platysace linearifolia</i>	None	C	None	1	1	13/04/1993
14382	Rosopsida	Apocynaceae	<i>Marsdenia fraseri</i>	narrow-leaved milk vine	C	None	1	1	20/09/1993
17952	Rosopsida	Araliaceae	<i>Astrotricha longifolia</i>	star hair bush	C	None	1	1	20/09/1993
15619	Rosopsida	Cunoniaceae	<i>Bauera capitata</i>	clustered bauera	C	None	1	1	13/04/1993
16950	Rosopsida	Dilleniaceae	<i>Hibbertia</i>	None	C	None	1	1	20/09/1993
16989	Rosopsida	Dilleniaceae	<i>Hibbertia acicularis</i>	None	C	None	1	1	20/09/1993
16945	Rosopsida	Dilleniaceae	<i>Hibbertia salicifolia</i>	None	C	None	1	1	20/09/1993
11555	Rosopsida	Dilleniaceae	<i>Hibbertia vestita</i>	None	C	None	1	1	20/09/1993
34475	Rosopsida	Droseraceae	<i>Drosera lunata</i>	None	C	None	1	1	13/04/1993
17335	Rosopsida	Elaeocarpaceae	<i>Elaeocarpus reticulatus</i>	ash quandong	C	None	1	1	20/09/1993
17268	Rosopsida	Ericaceae	<i>Epacris obtusifolia</i>	common heath	C	None	2	2	20/09/1993
16782	Rosopsida	Ericaceae	<i>Leucopogon leptospermoides</i>	None	C	None	2	2	20/09/1993
16788	Rosopsida	Ericaceae	<i>Leucopogon pimeleoides</i>	None	C	None	1	1	20/09/1993
16641	Rosopsida	Ericaceae	<i>Monotoca scoparia</i>	prickly broom heath	C	None	1	1	13/04/1993
7158	Rosopsida	Ericaceae	<i>Monotoca</i> sp. (Fraser Island P.Baxter 777)	None	C	None	1	1	13/04/1993

## Appendix I - Approvals Summary Poona Boat Ramp Report

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
16142	Rosopsida	Ericaceae	<i>Sprengelia sprengelioides</i>	sprengelia	C	None	1	1	20/09/1993
15834	Rosopsida	Euphorbiaceae	<i>Ricinocarpos pinifolius</i>	wedding bush	C	None	2	2	20/09/1993
15682	Rosopsida	Fabaceae	<i>Aotus ericoides</i>	common aotus	C	None	1	1	20/09/1993
15683	Rosopsida	Fabaceae	<i>Aotus lanigera</i>	pointed aotus	C	None	1	1	20/09/1993
29355	Rosopsida	Fabaceae	<i>Pultenaea rariflora</i>	None	C	None	1	1	13/04/1993
15947	Rosopsida	Goodeniaceae	<i>Velleia spathulata</i>	wild pansies	C	None	1	1	13/04/1993
15197	Rosopsida	Loganiaceae	<i>Mitrasacme paludosa</i>	None	C	None	1	1	13/04/1993
16727	Rosopsida	Molluginaceae	<i>Macarthuria neocambrica</i>	None	C	None	1	1	20/09/1993
18108	Rosopsida	Myrtaceae	<i>Acmena smithii</i>	lillypilly satinash	C	None	1	1	20/09/1993
17925	Rosopsida	Myrtaceae	<i>Austromyrtus dulcis</i>	midgen berry	C	None	1	1	20/09/1993
17888	Rosopsida	Myrtaceae	<i>Baeckea frutescens</i>	None	C	None	1	1	13/04/1993
6445	Rosopsida	Myrtaceae	<i>Corymbia intermedia</i>	pink bloodwood	C	None	1	1	13/04/1993
17243	Rosopsida	Myrtaceae	<i>Eucalyptus bancroftii</i>	Bancroft's red gum	C	None	1	1	13/04/1993
18688	Rosopsida	Myrtaceae	<i>Eucalyptus latisinensis</i>	None	C	None	1	1	13/04/1993
16919	Rosopsida	Myrtaceae	<i>Homoranthus virgatus</i>	twiggy homoranthus	C	None	1	1	20/09/1993
16820	Rosopsida	Myrtaceae	<i>Leptospermum liversidgei</i>	None	C	None	1	1	13/04/1993
14441	Rosopsida	Myrtaceae	<i>Leptospermum polygalifolium</i>	tantoon	C	None	1	1	13/04/1993
16825	Rosopsida	Myrtaceae	<i>Leptospermum semibaccatum</i>	wallum tea-tree	C	None	2	2	20/09/1993
16827	Rosopsida	Myrtaceae	<i>Leptospermum trinervium</i>	woolly tea-tree	C	None	1	1	13/04/1993
13858	Rosopsida	Myrtaceae	<i>Leptospermum whitei</i>	None	C	None	1	1	13/04/1993
31337	Rosopsida	Myrtaceae	<i>Melaleuca pachyphylla</i>	None	C	None	1	1	13/04/1993
14391	Rosopsida	Myrtaceae	<i>Melaleuca thymifolia</i>	thyme honeymyrtle	C	None	1	1	13/04/1993
16589	Rosopsida	Myrtaceae	<i>Ochrosperma lineare</i>	None	C	None	2	2	20/09/1993
14329	Rosopsida	Olacaceae	<i>Olax retusa</i>	None	C	None	2	2	20/09/1993
14717	Rosopsida	Polygalaceae	<i>Comesperma defoliatum</i>	leafless milkwort	C	None	1	1	13/04/1993
17897	Rosopsida	Proteaceae	<i>Banksia oblongifolia</i>	dwarf banksia	C	None	1	1	13/04/1993
17898	Rosopsida	Proteaceae	<i>Banksia robur</i>	broad-leaved banksia	C	None	1	1	13/04/1993

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
14721	Rosopsida	Proteaceae	<i>Conospermum taxifolium</i>	devil's rice	C	None	2	2	20/09/1993
16501	Rosopsida	Proteaceae	<i>Persoonia virgata</i>	small-leaved geebung	C	None	1	1	13/04/1993
16507	Rosopsida	Proteaceae	<i>Petrophile shirleyae</i>	None	C	None	1	1	13/04/1993
16407	Rosopsida	Rubiaceae	<i>Pomax umbellata</i>	None	C	None	1	1	13/04/1993
17833	Rosopsida	Rutaceae	<i>Boronia falcifolia</i>	wallum boronia	C	None	2	2	20/09/1993
16514	Rosopsida	Rutaceae	<i>Phebalium woombye</i>	wallum phebalium	C	None	2	2	19/10/2002
17640	Rosopsida	Santalaceae	<i>Choretrum candollei</i>	white sour bush	C	None	1	1	20/09/1993
17384	Rosopsida	Sapindaceae	<i>Dodonaea triquetra</i>	large-leaved hop bush	C	None	1	1	13/04/1993
16438	Rosopsida	Thymelaeaceae	<i>Pimelea linifolia</i> subsp. <i>linifolia</i>	None	C	None	1	1	20/09/1993
14508	Rosopsida	Violaceae	<i>Hybanthus monopetalus</i>	None	C	None	1	1	20/09/1993

**Table 3: Fungi recorded within the selected area and its 1 kilometre buffer**

No species found within the selected area.

**Table 4: Protists recorded within the selected area and its 1 kilometre buffer**

No species found within the selected area.

## Species table headings and codes

**Taxon Id:** Unique identifier of the taxon from the WildNet database.

**NCA:** Queensland conservation status of each taxon under the *Nature Conservation Act 1992* (Endangered (E), Extinct in the Wild (PE), Vulnerable (V), Near Threatened (NT), Special Least Concern (SL) and Least Concern(C)).

**EPBC:** Australian conservation status of each taxon under the *Environment Protection and Biodiversity Conservation Act 1999* (Conservation Dependent (CD), Critically Endangered (CE), Endangered (E), Extinct (EX), Extinct in the Wild (XW) and Vulnerable (V)).

**Specimens:** The number of records for the selected taxon within the selected area and its one kilometre buffer.

**Records:** The total number of records for the selected taxon within the selected area and its one kilometre buffer.

**Last record:** Date of latest record of the taxon in the selected area and its one kilometre buffer.

## Links and support

Other sites that deliver species information from the WildNet database include:

- [Species profile search](#) - access species information approved for publication including species names, statuses, notes, images, distribution maps and records
- [Species lists](#) - generate species lists for Queensland protected areas, forestry areas, local governments and areas defined using coordinates
- [Qld wildlife data API](#) - access species information approved for publication such as notes, images and records etc.
- [WetlandMaps](#) - view species records, survey locations etc. approved for publication
- [Generalised distribution and densities of Queensland wildlife](#) - Queensland species distributions and densities generalised to a 10 km grid resolution



- [Conservation status of Queensland wildlife](#) - access current lists of priority species for Queensland including nomenclature and status information
- [Queensland Confidential Species](#) - the list of species flagged as confidential in the WildNet database.

Other useful sites for accessing biodiversity data include:

- [Atlas of Living Australia](#)
- [OZCAM - Online Zoological Collections of Australian Museums](#)
- [AVH - Australia's Virtual Herbarium](#)
- [Protected Matters Search Tool](#)

Please direct queries about this report to the [WildNet Team](#).

## Disclaimer

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## Regulated Vegetation Management Map

### Legend

- Lot and Plan
- Category A area (Vegetation offsets/compliance notices/VDecs)
- Category B area (Remnant vegetation)
- Category C area (High-value regrowth vegetation)
- Category R area (Reef regrowth watercourse vegetation)
- Category X area (Exempt clearing work on Freehold, Indigenous and Leasehold land)
- Water
- Area not categorised
- Cadastral line
- Property boundaries shown are provided as a locational aid only



0 200 400 600 800 1,000 m

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Additional information required for the assessment of vegetation values is provided in the accompanying "Vegetation Management Supporting map". For further information go to the web site: [www.dnrme.qld.gov.au](http://www.dnrme.qld.gov.au) or contact the Department of Natural Resources, Mines and Energy.

Digital data for the regulated vegetation management map is available from the Queensland Spatial Portal at <http://www.information.qld.gov.au/>

This map is updated on a monthly basis to ensure new PMAVs are included as they are approved.



This product is projected into:  
GDA 1994 MGA Zone 56

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Vegetation Management Act 1999 - Extract from the essential habitat database

Essential habitat is required for assessment under the:

- State Development Assessment Provisions - State Code 16: Native vegetation clearing which sets out the matters of interest to the state for development assessment under the *Planning Act 2016*; and
- Accepted development vegetation clearing codes made under the *Vegetation Management Act 1999*

Essential habitat for one or more of the following species is found on and within 1.1 km of the identified subject lot/s on the accompanying essential habitat map. This report identifies essential habitat in Category A, B and Category C areas. The numeric labels on the essential habitat map can be cross referenced with the database below to determine which essential habitat factors might exist for a particular species. Essential habitat is compiled from a combination of species habitat models and buffered species records.

The Department of Natural Resources, Mines and Energy website (<http://www.dnrme.qld.gov.au>) has more information on how the layer is applied under the State Development Assessment Provisions - State Code 16: Native vegetation clearing and the *Vegetation Management Act 1999*.

Regional ecosystem is a mandatory essential habitat factor, unless otherwise stated. Essential habitat, for protected wildlife, means a category A area, a category B area or category C area shown on the regulated vegetation management map-

- 1) that has at least 3 essential habitat factors for the protected wildlife that must include any essential habitat factors that are stated as mandatory for the protected wildlife in the essential habitat database; or
- 2) in which the protected wildlife, at any stage of its life cycle, is located.

Protected wildlife includes endangered, vulnerable or near-threatened native wildlife prescribed under the *Nature Conservation Act 1992*.

Essential habitat in Category A and/or Category B and/or Category C

Label	Scientific Name	Common Name	NCA Status	Vegetation Community	Altitude	Soils	Position in Landscape
686	Crinia tinnula	wallum froglet	V	Vegetation community is a mandatory essential habitat factor for this species. Permanent to ephemeral acidic (pH 4.3 - 5.2), soft freshwater in Melaleuca (e.g. M. quinquenervia) swamps, sedgeland, wet and dry heathland (e.g. Banksia robur, Xanthorrhoea) and wallum (Banksia aemula shrubland/woodland) areas adjacent lowlands on sand or sandstone, occasionally in adjacent open forest/woodland (e.g. Eucalyptus racemosa, Corymbia citriodora) with heathy understorey; known to persist in small remnants (<10ha); may be found well away from water.	Sea level to 150m.	Sandy and sandy-alluvial substrates.	None
609	Litoria freycineti	wallum rocketfrog	V	Vegetation community is a mandatory essential habitat factor for this species. Freshwater acidic swamps/lagoons (permanent or temporary still water) dominated by sedges (e.g. Baumea and Eleocharis spp.) in heathland (e.g. Banksia/Xanthorrhoea), wallum (Banksia aemula shrubland/woodland) or Melaleuca open forest (e.g. M. quinquenervia), and adjacent Eucalyptus racemosa forest, also found around acidic coastal lakes; on sand and sandstone; can be found well away from water during non-breeding season.	Sea level to 200m.	Sandy and alluvial substrates.	None
16708	Macrozamia pauli-guilielmi	None	E	woodland to open forest of mixed Eucalyptus/Corymbia spp. and often with shrubby or heathy understorey low heathland with scattered eucalypts	0 to 250 m	sands, clayey sands, black to red loams, clays, derived from metasedimentary or sedimentary substrates, quaternary sands or alluvium	hill slopes, low flat rises, coastal plains

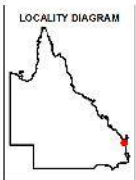
Label	Regional Ecosystem (mandatory unless otherwise specified)
686	12.2.5, 12.2.7, 12.2.9, 12.2.10, 12.2.12, 12.2.15, 12.3.4, 12.3.5, 12.3.6, 12.3.12, 12.3.14, 12.3.20, 12.5.2, 12.5.10. These regional ecosystems are not a mandatory essential habitat factor for this species.
609	12.2.2, 12.2.5, 12.2.7, 12.2.9, 12.2.10, 12.2.12, 12.2.13, 12.2.15, 12.3.4, 12.3.5, 12.3.6, 12.3.11, 12.3.12, 12.3.13, 12.3.14, 12.3.20, 12.5.4, 12.5.9, 12.9-10.4, 12.9-10.10, 12.9-10.22. These regional ecosystems are not a mandatory essential habitat factor for this species.
16708	12.2.6, 12.2.7, 12.2.8, 12.2.9, 12.2.11, 12.3.11, 12.3.14, 12.5.4, 12.5.7, 12.5.8, 12.5.10, 12.5.12, 12.9-10.1, 12.9-10.2, 12.9-10.4, 12.9-10.17, 12.9-10.21, 12.11.5





### Map of Referable Wetlands Wetland Protection Areas

- Lot and Plan
- Cadastral Boundary
- Wetland Protection Areas
- Wetland
- Trigger Area



Note:  
This map shows the location of wetland protection areas which are defined under the Environmental Protection Regulation 2008. Within wetland protection areas, certain types of development involving high impact earthworks are made assessable under Schedule 3 of the Sustainable Planning Regulation 2009.

The Department of State Development, Manufacturing, Infrastructure and Planning is the State Assessment Referral Agency (SARA) under Schedule 7 of the Sustainable Planning Regulation 2009 for assessable development involving high impact earthworks within wetland protection areas. The Department of Environment and Science is a technical agency.

The policy outcome and assessment criteria for assessing these applications are described in the State Development Assessment Provisions (SDAP) Module 11: Wetlands and wild rivers.

This map is produced at a scale relevant to the size of the lot on plan identified and should be printed at A4 size in portrait orientation. Consideration of the effects of mapped scale is necessary when interpreting data at a large scale.

For further information or assistance with interpretation of this product, please contact the Department of Environment and Science, email [planning.support@des.qld.gov.au](mailto:planning.support@des.qld.gov.au).



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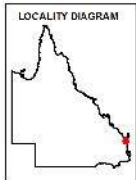
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### Map of Referable Wetlands for the Environmental Protection Act 1994

- Lot and Plan
- Cadastral Boundary
- HES Wetland
- GES Wetland



0 130 260 390 520 650 m

This product is projected into GDA 1994 MGA Zone 56

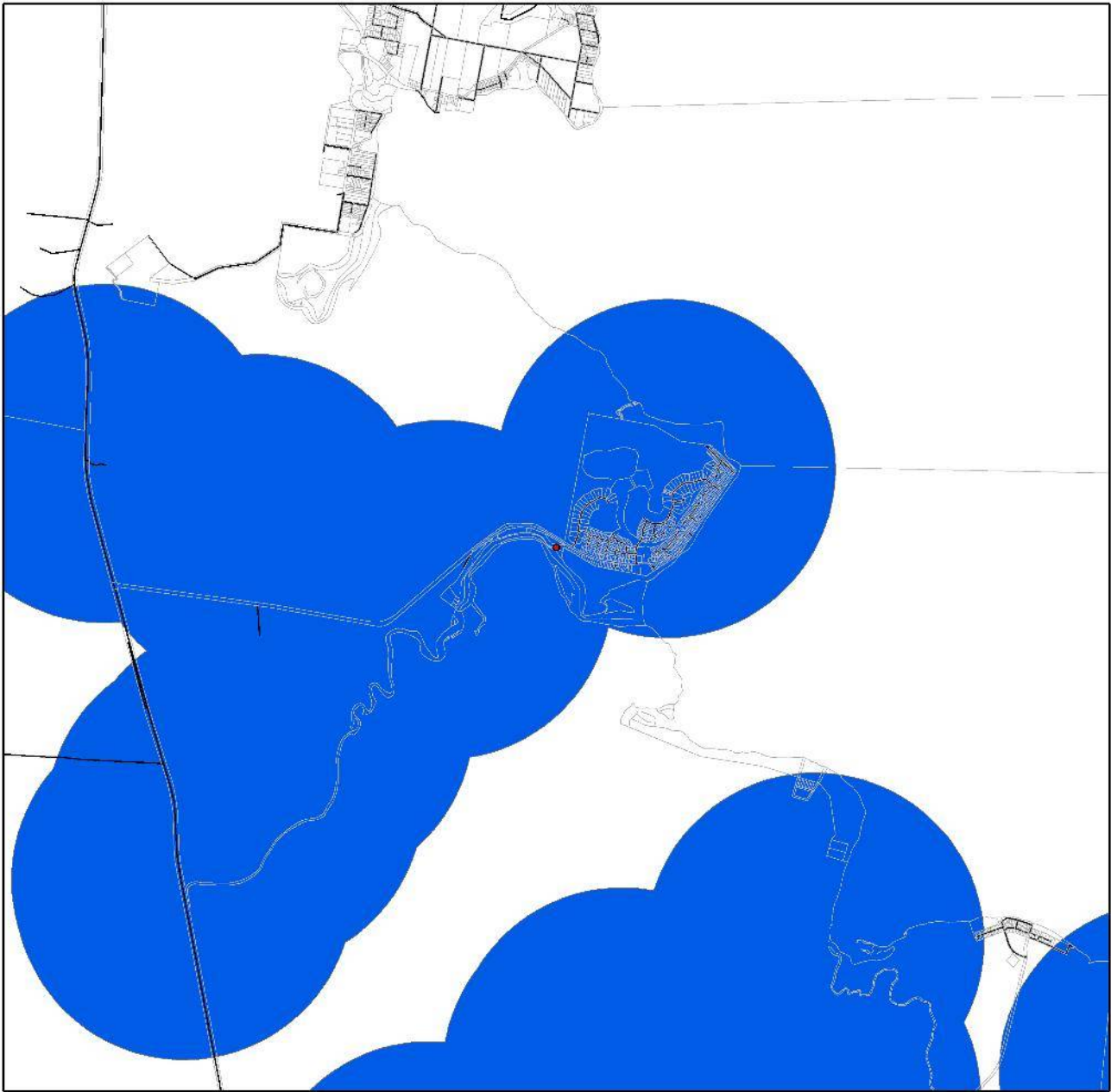
Note:  
This map shows the location of wetlands on the Map of Referable Wetlands which are defined under the Environmental Protection Regulation 2008.

Wetlands are assessed for ecological significance using the environmental values for wetlands in section 81A of the Environmental Protection Regulation 2008. Wetlands are considered either High Ecological Significance (HES) or of General Ecological Significance (GES) for the purposes of the environmental values.

This map is produced at a scale relevant to the size of the lot on plan identified and should be printed at A4 size in portrait orientation. Consideration of the effects of mapped scale is necessary when interpreting data at a large scale.

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**Protected Plants Flora Survey Trigger Map**

**Legend**

- Coordinates
- High risk area
- Cadastral line  
Property boundaries shown are provided as a locational aid only
- Freeways / motorways / highways
- Secondary roads / streets



0 480 960 1,440 1,920 2,400 m

This product is projected into:  
GDA 1994 Queensland Albers

This map shows areas where particular provisions of the Nature Conservation Act 1992 apply to the clearing of protected plants.

This map is produced at a scale relevant to the size of the area selected and should be printed as A4 size in portrait orientation.

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# EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected.

Information on the coverage of this report and qualifications on data supporting this report are contained in the caveat at the end of the report.

Information is available about [Environment Assessments](#) and the EPBC Act including significance guidelines, forms and application process details.

Report created: 06/11/18 14:14:14

[Summary](#)

[Details](#)

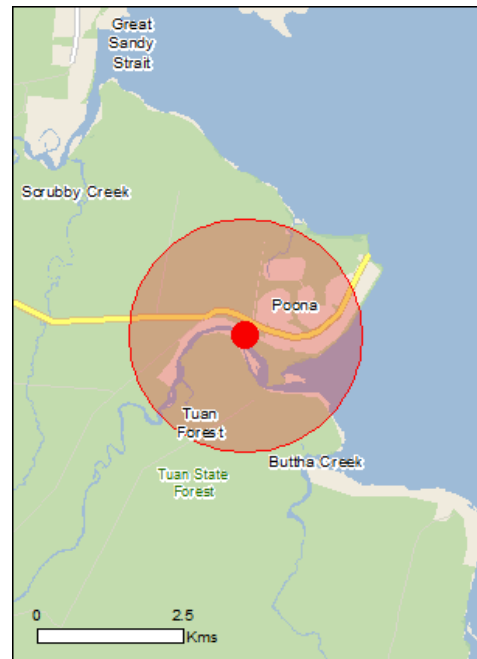
[Matters of NES](#)

[Other Matters Protected by the EPBC Act](#)

[Extra Information](#)

[Caveat](#)

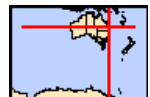
[Acknowledgements](#)



This map may contain data which are  
©Commonwealth of Australia  
(Geoscience Australia), ©PSMA 2010

[Coordinates](#)

Buffer: 2.0Km



## Matters of National Environmental Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the [Administrative Guidelines on Significance](#).

<a href="#">World Heritage Properties:</a>	None
<a href="#">National Heritage Places:</a>	None
<a href="#">Wetlands of International Importance:</a>	1
<a href="#">Great Barrier Reef Marine Park:</a>	None
<a href="#">Commonwealth Marine Area:</a>	None
<a href="#">Listed Threatened Ecological Communities:</a>	2
<a href="#">Listed Threatened Species:</a>	59
<a href="#">Listed Migratory Species:</a>	69

## Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at <http://www.environment.gov.au/heritage>

A [permit](#) may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

<a href="#">Commonwealth Land:</a>	None
<a href="#">Commonwealth Heritage Places:</a>	None
<a href="#">Listed Marine Species:</a>	107
<a href="#">Whales and Other Cetaceans:</a>	13
<a href="#">Critical Habitats:</a>	None
<a href="#">Commonwealth Reserves Terrestrial:</a>	None
<a href="#">Australian Marine Parks:</a>	None

## Extra Information

This part of the report provides information that may also be relevant to the area you have nominated.

<a href="#">State and Territory Reserves:</a>	None
<a href="#">Regional Forest Agreements:</a>	None
<a href="#">Invasive Species:</a>	26
<a href="#">Nationally Important Wetlands:</a>	1
<a href="#">Key Ecological Features (Marine)</a>	None

## Matters of National Environmental Significance

Wetlands of International Importance (Ramsar)	[ Resource Information ]
Name	Proximity
<a href="#">Great sandy strait (including great sandy strait, tin can bay and tin can</a>	Within Ramsar site

Listed Threatened Ecological Communities	[ Resource Information ]
--	--------------------------

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Name	Status	Type of Presence
<a href="#">Coastal Swamp Oak (Casuarina glauca) Forest of New South Wales and South East Queensland ecological community</a>	Endangered	Community may occur within area
<a href="#">Subtropical and Temperate Coastal Saltmarsh</a>	Vulnerable	Community likely to occur within area

Listed Threatened Species	[ Resource Information ]
---------------------------	--------------------------

Name	Status	Type of Presence
<b>Birds</b>		
<a href="#">Anthochaera phrygia</a>		
Regent Honeyeater [82338]	Critically Endangered	Foraging, feeding or related behaviour may occur within area
<a href="#">Botaurus poiciloptilus</a>		
Australasian Bittern [1001]	Endangered	Species or species habitat likely to occur within area
<a href="#">Calidris canutus</a>		
Red Knot, Knot [855]	Endangered	Species or species habitat known to occur within area
<a href="#">Calidris ferruginea</a>		
Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area
<a href="#">Calidris tenuirostris</a>		
Great Knot [862]	Critically Endangered	Roosting known to occur within area
<a href="#">Charadrius leschenaultii</a>		
Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Roosting known to occur within area
<a href="#">Charadrius mongolus</a>		
Lesser Sand Plover, Mongolian Plover [879]	Endangered	Roosting known to occur within area
<a href="#">Erythrorchis radiatus</a>		
Red Goshawk [942]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Fregetta grallaria grallaria</a>		
White-bellied Storm-Petrel (Tasman Sea), White-bellied Storm-Petrel (Australasian) [64438]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Geophaps scripta scripta</a>		
Squatter Pigeon (southern) [64440]	Vulnerable	Species or species habitat may occur within area



## Appendix I - Approvals Summary Poona Boat Ramp Report

Name	Status	Type of Presence
<a href="#">Lathamus discolor</a> Swift Parrot [744]	Critically Endangered	Species or species habitat may occur within area
<a href="#">Limosa lapponica baueri</a> Bar-tailed Godwit (baueri), Western Alaskan Bar-tailed Godwit [86380]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Limosa lapponica menzbieri</a> Northern Siberian Bar-tailed Godwit, Bar-tailed Godwit (menzbieri) [86432]	Critically Endangered	Species or species habitat may occur within area
<a href="#">Macronectes giganteus</a> Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area
<a href="#">Macronectes halli</a> Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area
<a href="#">Numenius madagascariensis</a> Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area
<a href="#">Pachyptila turtur subantarctica</a> Fairy Prion (southern) [64445]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Pterodroma neglecta neglecta</a> Kermadec Petrel (western) [64450]	Vulnerable	Foraging, feeding or related behaviour may occur within area
<a href="#">Rostratula australis</a> Australian Painted-snipe, Australian Painted Snipe [77037]	Endangered	Species or species habitat likely to occur within area
<a href="#">Thalassarche cauta cauta</a> Shy Albatross, Tasmanian Shy Albatross [82345]	Vulnerable	Species or species habitat may occur within area
<a href="#">Thalassarche cauta steadi</a> White-capped Albatross [82344]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Thalassarche eremita</a> Chatham Albatross [64457]	Endangered	Species or species habitat may occur within area
<a href="#">Thalassarche impavida</a> Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area
<a href="#">Thalassarche melanophris</a> Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
<a href="#">Thalassarche salvini</a> Salvin's Albatross [64463]	Vulnerable	Species or species habitat may occur within area
<a href="#">Turnix melanogaster</a> Black-breasted Button-quail [923]	Vulnerable	Species or species habitat likely to occur within area
<b>Frogs</b>		
<a href="#">Litoria olongburensis</a> Wallum Sedge Frog [1821]	Vulnerable	Species or species habitat may occur within area
<b>Insects</b>		
<a href="#">Argynnis hyperbius inconstans</a> Australian Fritillary [88056]	Critically Endangered	Species or species habitat may occur within

Name	Status	Type of Presence area
<b>Appendix I - Approvals Summary Poona Boat Ramp Report</b>		
<b>Mammals</b>		
<a href="#">Balaenoptera musculus</a> Blue Whale [36]	Endangered	Species or species habitat may occur within area
<a href="#">Chalinolobus dwyeri</a> Large-eared Pied Bat, Large Pied Bat [183]	Vulnerable	Species or species habitat may occur within area
<a href="#">Dasyurus hallucatus</a> Northern Quoll, Digul [Gogo-Yimidir], Wijingadda [Dambimangari], Wiminji [Martu] [331]	Endangered	Species or species habitat likely to occur within area
<a href="#">Dasyurus maculatus maculatus (SE mainland population)</a> Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population) [75184]	Endangered	Species or species habitat may occur within area
<a href="#">Eubalaena australis</a> Southern Right Whale [40]	Endangered	Species or species habitat likely to occur within area
<a href="#">Megaptera novaeangliae</a> Humpback Whale [38]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Petauroides volans</a> Greater Glider [254]	Vulnerable	Species or species habitat may occur within area
<a href="#">Phascolarctos cinereus (combined populations of Qld, NSW and the ACT)</a> Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) [85104]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Potorous tridactylus tridactylus</a> Long-nosed Potoroo (SE mainland) [66645]	Vulnerable	Species or species habitat may occur within area
<a href="#">Pteropus poliocephalus</a> Grey-headed Flying-fox [186]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
<a href="#">Xeromys myoides</a> Water Mouse, False Water Rat, Yirrkoo [66]	Vulnerable	Species or species habitat known to occur within area
<b>Plants</b>		
<a href="#">Acacia attenuata</a> [10690]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Bosistoa transversa</a> Three-leaved Bosistoa, Yellow Satinheart [16091]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Cryptocarya foetida</a> Stinking Cryptocarya, Stinking Laurel [11976]	Vulnerable	Species or species habitat may occur within area
<a href="#">Cryptostylis hunteriana</a> Leafless Tongue-orchid [19533]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Macadamia integrifolia</a> Macadamia Nut, Queensland Nut Tree, Smooth- shelled Macadamia, Bush Nut, Nut Oak [7326]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Macrozamia pauli-guilielmi</a> Pineapple Zamia [5712]	Endangered	Species or species habitat likely to occur within area
<a href="#">Phaius australis</a> Lesser Swamp-orchid [5872]	Endangered	Species or species

## Appendix I - Approvals Summary Poona Boat Ramp Report

Name	Status	Type of Presence
<b>Reptiles</b>		
<a href="#">Samadera bidwillii</a> Quassia [29708]	Vulnerable	habitat likely to occur within area Species or species habitat likely to occur within area
<a href="#">Thesium australe</a> Austral Toadflax, Toadflax [15202]	Vulnerable	Species or species habitat may occur within area
<b>Reptiles</b>		
<a href="#">Caretta caretta</a> Loggerhead Turtle [1763]	Endangered	Breeding known to occur within area
<a href="#">Chelonia mydas</a> Green Turtle [1765]	Vulnerable	Breeding known to occur within area
<a href="#">Delma torquata</a> Adorned Delma, Collared Delma [1656]	Vulnerable	Species or species habitat may occur within area
<a href="#">Dermochelys coriacea</a> Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area
<a href="#">Eretmochelys imbricata</a> Hawksbill Turtle [1766]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
<a href="#">Lepidochelys olivacea</a> Olive Ridley Turtle, Pacific Ridley Turtle [1767]	Endangered	Species or species habitat known to occur within area
<a href="#">Natator depressus</a> Flatback Turtle [59257]	Vulnerable	Breeding known to occur within area
<b>Sharks</b>		
<a href="#">Carcharias taurus (east coast population)</a> Grey Nurse Shark (east coast population) [68751]	Critically Endangered	Species or species habitat likely to occur within area
<a href="#">Carcharodon carcharias</a> White Shark, Great White Shark [64470]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Pristis zijsron</a> Green Sawfish, Dindagubba, Narrowsnout Sawfish [68442]	Vulnerable	Breeding may occur within area
<a href="#">Rhincodon typus</a> Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area
<b>Listed Migratory Species</b>		
* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.		
Name	Threatened	Type of Presence
<b>Migratory Marine Birds</b>		
<a href="#">Anous stolidus</a> Common Noddy [825]		Species or species habitat likely to occur within area
<a href="#">Apus pacificus</a> Fork-tailed Swift [678]		Species or species habitat likely to occur within area
<a href="#">Ardenna carneipes</a> Flesh-footed Shearwater, Fleshy-footed Shearwater [82404]		Foraging, feeding or related behaviour likely to occur within area
<a href="#">Fregata ariel</a> Lesser Frigatebird, Least Frigatebird [1012]		Species or species habitat likely to occur within area

Name	Threatened	Type of Presence
<a href="#">Fregata minor</a> Great Frigatebird, Greater Frigatebird [1013]		Species or species habitat likely to occur within area
<a href="#">Macronectes giganteus</a> Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area
<a href="#">Macronectes halli</a> Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area
<a href="#">Sternula albifrons</a> Little Tern [82849]		Species or species habitat may occur within area
<a href="#">Thalassarche cauta</a> Tasmanian Shy Albatross [89224]	Vulnerable*	Species or species habitat may occur within area
<a href="#">Thalassarche eremita</a> Chatham Albatross [64457]	Endangered	Species or species habitat may occur within area
<a href="#">Thalassarche impavida</a> Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area
<a href="#">Thalassarche melanophris</a> Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
<a href="#">Thalassarche salvini</a> Salvin's Albatross [64463]	Vulnerable	Species or species habitat may occur within area
<a href="#">Thalassarche steadi</a> White-capped Albatross [64462]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
<b>Migratory Marine Species</b>		
<a href="#">Balaena glacialis australis</a> Southern Right Whale [75529]	Endangered*	Species or species habitat likely to occur within area
<a href="#">Balaenoptera edeni</a> Bryde's Whale [35]		Species or species habitat may occur within area
<a href="#">Balaenoptera musculus</a> Blue Whale [36]	Endangered	Species or species habitat may occur within area
<a href="#">Carcharodon carcharias</a> White Shark, Great White Shark [64470]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Caretta caretta</a> Loggerhead Turtle [1763]	Endangered	Breeding known to occur within area
<a href="#">Chelonia mydas</a> Green Turtle [1765]	Vulnerable	Breeding known to occur within area
<a href="#">Crocodylus porosus</a> Salt-water Crocodile, Estuarine Crocodile [1774]		Species or species habitat likely to occur within area
<a href="#">Dermochelys coriacea</a> Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area
<a href="#">Dugong dugon</a> Dugong [28]		Species or species habitat known to occur

## Appendix I - Approvals Summary Poona Boat Ramp Report

Name	Threatened	Type of Presence within area
<b>Appendix I - Approvals Summary Poona Boat Ramp Report</b>		
<a href="#">Eretmochelys imbricata</a> Hawksbill Turtle [1766]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
<a href="#">Lamna nasus</a> Porbeagle, Mackerel Shark [83288]		Species or species habitat may occur within area
<a href="#">Lepidochelys olivacea</a> Olive Ridley Turtle, Pacific Ridley Turtle [1767]	Endangered	Species or species habitat known to occur within area
<a href="#">Manta alfredi</a> Reef Manta Ray, Coastal Manta Ray, Inshore Manta Ray, Prince Alfred's Ray, Resident Manta Ray [84994]		Species or species habitat may occur within area
<a href="#">Manta birostris</a> Giant Manta Ray, Chevron Manta Ray, Pacific Manta Ray, Pelagic Manta Ray, Oceanic Manta Ray [84995]		Species or species habitat may occur within area
<a href="#">Megaptera novaeangliae</a> Humpback Whale [38]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Natator depressus</a> Flatback Turtle [59257]	Vulnerable	Breeding known to occur within area
<a href="#">Orcaella brevirostris</a> Irrawaddy Dolphin [45]		Species or species habitat likely to occur within area
<a href="#">Orcinus orca</a> Killer Whale, Orca [46]		Species or species habitat may occur within area
<a href="#">Pristis zijsron</a> Green Sawfish, Dindagubba, Narrowsnout Sawfish [68442]	Vulnerable	Breeding may occur within area
<a href="#">Rhincodon typus</a> Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area
<a href="#">Sousa chinensis</a> Indo-Pacific Humpback Dolphin [50]		Breeding known to occur within area
<b>Migratory Terrestrial Species</b>		
<a href="#">Cuculus optatus</a> Oriental Cuckoo, Horsfield's Cuckoo [86651]		Species or species habitat may occur within area
<a href="#">Hirundapus caudacutus</a> White-throated Needletail [682]		Species or species habitat known to occur within area
<a href="#">Monarcha melanopsis</a> Black-faced Monarch [609]		Species or species habitat known to occur within area
<a href="#">Monarcha trivirgatus</a> Spectacled Monarch [610]		Species or species habitat likely to occur within area
<a href="#">Myiagra cyanoleuca</a> Satin Flycatcher [612]		Species or species habitat known to occur within area
<a href="#">Rhipidura rufifrons</a> Rufous Fantail [592]		Species or species habitat likely to occur within area
<b>Migratory Wetlands Species</b>		



Name	Threatened	Type of Presence
<a href="#">Actitis hypoleucos</a> Common Sandpiper [59309]	Appendix I - Approvals Summary Poona Boat Ramp Report	Species or species habitat known to occur within area
<a href="#">Arenaria interpres</a> Ruddy Turnstone [872]		Roosting known to occur within area
<a href="#">Calidris acuminata</a> Sharp-tailed Sandpiper [874]		Roosting known to occur within area
<a href="#">Calidris alba</a> Sanderling [875]		Species or species habitat known to occur within area
<a href="#">Calidris canutus</a> Red Knot, Knot [855]	Endangered	Species or species habitat known to occur within area
<a href="#">Calidris ferruginea</a> Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area
<a href="#">Calidris melanotos</a> Pectoral Sandpiper [858]		Species or species habitat likely to occur within area
<a href="#">Calidris ruficollis</a> Red-necked Stint [860]		Roosting known to occur within area
<a href="#">Calidris subminuta</a> Long-toed Stint [861]		Species or species habitat known to occur within area
<a href="#">Calidris tenuirostris</a> Great Knot [862]	Critically Endangered	Roosting known to occur within area
<a href="#">Charadrius bicinctus</a> Double-banded Plover [895]		Species or species habitat known to occur within area
<a href="#">Charadrius leschenaultii</a> Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Roosting known to occur within area
<a href="#">Charadrius mongolus</a> Lesser Sand Plover, Mongolian Plover [879]	Endangered	Roosting known to occur within area
<a href="#">Gallinago hardwickii</a> Latham's Snipe, Japanese Snipe [863]		Roosting known to occur within area
<a href="#">Gallinago megala</a> Swinhoe's Snipe [864]		Roosting likely to occur within area
<a href="#">Gallinago stenura</a> Pin-tailed Snipe [841]		Roosting likely to occur within area
<a href="#">Limosa lapponica</a> Bar-tailed Godwit [844]		Species or species habitat known to occur within area
<a href="#">Limosa limosa</a> Black-tailed Godwit [845]		Species or species habitat known to occur within area
<a href="#">Numenius madagascariensis</a> Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area
<a href="#">Numenius minutus</a> Little Curlew, Little Whimbrel [848]		Roosting likely to occur within area
<a href="#">Numenius phaeopus</a> Whimbrel [849]		Roosting known to occur within area

Name	Threatened	Type of Presence
<a href="#">Pandion haliaetus</a> Osprey [952]	Appendix I - Approvals Summary Poona Boat Ramp Report	Species or species habitat known to occur within area
<a href="#">Pluvialis fulva</a> Pacific Golden Plover [25545]		Roosting known to occur within area
<a href="#">Pluvialis squatarola</a> Grey Plover [865]		Species or species habitat known to occur within area
<a href="#">Tringa brevipes</a> Grey-tailed Tattler [851]		Roosting known to occur within area
<a href="#">Tringa nebularia</a> Common Greenshank, Greenshank [832]		Species or species habitat known to occur within area
<a href="#">Tringa stagnatilis</a> Marsh Sandpiper, Little Greenshank [833]		Roosting known to occur within area
<a href="#">Xenus cinereus</a> Terek Sandpiper [59300]		Species or species habitat known to occur within area

## Other Matters Protected by the EPBC Act

Listed Marine Species	[ Resource Information ]	
* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.		
Name	Threatened	Type of Presence
Birds		
<a href="#">Actitis hypoleucos</a> Common Sandpiper [59309]		Species or species habitat known to occur within area
<a href="#">Anous stolidus</a> Common Noddy [825]		Species or species habitat likely to occur within area
<a href="#">Anseranas semipalmata</a> Magpie Goose [978]		Species or species habitat may occur within area
<a href="#">Apus pacificus</a> Fork-tailed Swift [678]		Species or species habitat likely to occur within area
<a href="#">Ardea alba</a> Great Egret, White Egret [59541]		Species or species habitat known to occur within area
<a href="#">Ardea ibis</a> Cattle Egret [59542]		Species or species habitat may occur within area
<a href="#">Arenaria interpres</a> Ruddy Turnstone [872]		Roosting known to occur within area
<a href="#">Calidris acuminata</a> Sharp-tailed Sandpiper [874]		Roosting known to occur within area
<a href="#">Calidris alba</a> Sanderling [875]		Species or species habitat known to occur within area
<a href="#">Calidris canutus</a> Red Knot, Knot [855]	Endangered	Species or species

Name	Threatened	Type of Presence
Appendix I - Approvals Summary Poona Boat Ramp Report		
<a href="#">Calidris ferruginea</a> Curlew Sandpiper [856]	Critically Endangered	habitat known to occur within area Species or species habitat known to occur within area
<a href="#">Calidris melanotos</a> Pectoral Sandpiper [858]		Species or species habitat likely to occur within area
<a href="#">Calidris ruficollis</a> Red-necked Stint [860]		Roosting known to occur within area
<a href="#">Calidris subminuta</a> Long-toed Stint [861]		Species or species habitat known to occur within area
<a href="#">Calidris tenuirostris</a> Great Knot [862]	Critically Endangered	Roosting known to occur within area
<a href="#">Charadrius bicinctus</a> Double-banded Plover [895]		Species or species habitat known to occur within area
<a href="#">Charadrius leschenaultii</a> Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Roosting known to occur within area
<a href="#">Charadrius mongolus</a> Lesser Sand Plover, Mongolian Plover [879]	Endangered	Roosting known to occur within area
<a href="#">Charadrius ruficapillus</a> Red-capped Plover [881]		Roosting known to occur within area
<a href="#">Fregata ariel</a> Lesser Frigatebird, Least Frigatebird [1012]		Species or species habitat likely to occur within area
<a href="#">Fregata minor</a> Great Frigatebird, Greater Frigatebird [1013]		Species or species habitat likely to occur within area
<a href="#">Gallinago hardwickii</a> Latham's Snipe, Japanese Snipe [863]		Roosting known to occur within area
<a href="#">Gallinago megala</a> Swinhoe's Snipe [864]		Roosting likely to occur within area
<a href="#">Gallinago stenura</a> Pin-tailed Snipe [841]		Roosting likely to occur within area
<a href="#">Haliaeetus leucogaster</a> White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area
<a href="#">Heteroscelus brevipes</a> Grey-tailed Tattler [59311]		Roosting known to occur within area
<a href="#">Himantopus himantopus</a> Pied Stilt, Black-winged Stilt [870]		Roosting known to occur within area
<a href="#">Hirundapus caudacutus</a> White-throated Needletail [682]		Species or species habitat known to occur within area
<a href="#">Lathamus discolor</a> Swift Parrot [744]	Critically Endangered	Species or species habitat may occur within area
<a href="#">Limosa lapponica</a> Bar-tailed Godwit [844]		Species or species habitat known to occur within area

Name	Threatened	Type of Presence
<a href="#"><i>Limosa limosa</i></a> Black-tailed Godwit [845]	Appendix I - Approvals Summary Poona Boat Ramp Report	Species or species habitat known to occur within area
<a href="#"><i>Macronectes giganteus</i></a> Southern Giant-Petrel, Southern Giant Petrel [1060]		Species or species habitat may occur within area
<a href="#"><i>Macronectes halli</i></a> Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area
<a href="#"><i>Merops ornatus</i></a> Rainbow Bee-eater [670]		Species or species habitat may occur within area
<a href="#"><i>Monarcha melanopsis</i></a> Black-faced Monarch [609]		Species or species habitat known to occur within area
<a href="#"><i>Monarcha trivirgatus</i></a> Spectacled Monarch [610]		Species or species habitat likely to occur within area
<a href="#"><i>Myiagra cyanoleuca</i></a> Satin Flycatcher [612]		Species or species habitat known to occur within area
<a href="#"><i>Numenius madagascariensis</i></a> Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area
<a href="#"><i>Numenius minutus</i></a> Little Curlew, Little Whimbrel [848]		Roosting likely to occur within area
<a href="#"><i>Numenius phaeopus</i></a> Whimbrel [849]		Roosting known to occur within area
<a href="#"><i>Pachyptila turtur</i></a> Fairy Prion [1066]		Species or species habitat likely to occur within area
<a href="#"><i>Pandion haliaetus</i></a> Osprey [952]		Species or species habitat known to occur within area
<a href="#"><i>Pluvialis fulva</i></a> Pacific Golden Plover [25545]		Roosting known to occur within area
<a href="#"><i>Pluvialis squatarola</i></a> Grey Plover [865]		Species or species habitat known to occur within area
<a href="#"><i>Puffinus carneipes</i></a> Flesh-footed Shearwater, Fleshy-footed Shearwater [1043]		Foraging, feeding or related behaviour likely to occur within area
<a href="#"><i>Recurvirostra novaehollandiae</i></a> Red-necked Avocet [871]		Species or species habitat known to occur within area
<a href="#"><i>Rhipidura rufifrons</i></a> Rufous Fantail [592]		Species or species habitat likely to occur within area
<a href="#"><i>Rostratula benghalensis (sensu lato)</i></a> Painted Snipe [889]	Endangered*	Species or species habitat likely to occur within area
<a href="#"><i>Sterna albifrons</i></a> Little Tern [813]		Species or species habitat may occur within area

Name	Threatened	Type of Presence
<a href="#">Thalassarche cauta</a> Tasmanian Shy Albatross [89224]	Vulnerable*	Species or species habitat may occur within area
<a href="#">Thalassarche eremita</a> Chatham Albatross [64457]	Endangered	Species or species habitat may occur within area
<a href="#">Thalassarche impavida</a> Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area
<a href="#">Thalassarche melanophris</a> Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
<a href="#">Thalassarche salvini</a> Salvin's Albatross [64463]	Vulnerable	Species or species habitat may occur within area
<a href="#">Thalassarche steadi</a> White-capped Albatross [64462]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
<a href="#">Tringa nebularia</a> Common Greenshank, Greenshank [832]		Species or species habitat known to occur within area
<a href="#">Tringa stagnatilis</a> Marsh Sandpiper, Little Greenshank [833]		Roosting known to occur within area
<a href="#">Xenus cinereus</a> Terek Sandpiper [59300]		Species or species habitat known to occur within area
<b>Fish</b>		
<a href="#">Acentronura tentaculata</a> Shortpouch Pygmy Pipehorse [66187]		Species or species habitat may occur within area
<a href="#">Campichthys tryoni</a> Tryon's Pipefish [66193]		Species or species habitat may occur within area
<a href="#">Corythoichthys amplexus</a> Fijian Banded Pipefish, Brown-banded Pipefish [66199]		Species or species habitat may occur within area
<a href="#">Corythoichthys ocellatus</a> Orange-spotted Pipefish, Ocellated Pipefish [66203]		Species or species habitat may occur within area
<a href="#">Festucalex cinctus</a> Girdled Pipefish [66214]		Species or species habitat may occur within area
<a href="#">Filicampus tigris</a> Tiger Pipefish [66217]		Species or species habitat may occur within area
<a href="#">Halicampus grayi</a> Mud Pipefish, Gray's Pipefish [66221]		Species or species habitat may occur within area
<a href="#">Hippichthys cyanospilos</a> Blue-speckled Pipefish, Blue-spotted Pipefish [66228]		Species or species habitat may occur within area
<a href="#">Hippichthys heptagonus</a> Madura Pipefish, Reticulated Freshwater Pipefish [66229]		Species or species habitat may occur within area



Name	Threatened	Type of Presence
<a href="#">Hippichthys penicillus</a> Beady Pipefish, Steep-nosed Pipefish [66231]	Appendix I - Approvals Summary Poona Boat Ramp Report	Species or species habitat may occur within area
<a href="#">Hippocampus kelloggi</a> Kellogg's Seahorse, Great Seahorse [66723]		Species or species habitat may occur within area
<a href="#">Hippocampus kuda</a> Spotted Seahorse, Yellow Seahorse [66237]		Species or species habitat may occur within area
<a href="#">Hippocampus planifrons</a> Flat-face Seahorse [66238]		Species or species habitat may occur within area
<a href="#">Hippocampus trimaculatus</a> Three-spot Seahorse, Low-crowned Seahorse, Flat-faced Seahorse [66720]		Species or species habitat may occur within area
<a href="#">Hippocampus whitei</a> White's Seahorse, Crowned Seahorse, Sydney Seahorse [66240]		Species or species habitat likely to occur within area
<a href="#">Lissocampus runa</a> Javelin Pipefish [66251]		Species or species habitat may occur within area
<a href="#">Maroubra perserrata</a> Sawtooth Pipefish [66252]		Species or species habitat may occur within area
<a href="#">Micrognathus andersonii</a> Anderson's Pipefish, Shortnose Pipefish [66253]		Species or species habitat may occur within area
<a href="#">Micrognathus brevirostris</a> thorntail Pipefish, Thorn-tailed Pipefish [66254]		Species or species habitat may occur within area
<a href="#">Microphis manadensis</a> Manado Pipefish, Manado River Pipefish [66258]		Species or species habitat may occur within area
<a href="#">Solegnathus dunckeri</a> Duncker's Pipehorse [66271]		Species or species habitat may occur within area
<a href="#">Solegnathus hardwickii</a> Pallid Pipehorse, Hardwick's Pipehorse [66272]		Species or species habitat may occur within area
<a href="#">Solegnathus spinosissimus</a> Spiny Pipehorse, Australian Spiny Pipehorse [66275]		Species or species habitat may occur within area
<a href="#">Solenostomus cyanopterus</a> Robust Ghostpipefish, Blue-finned Ghost Pipefish, [66183]		Species or species habitat may occur within area
<a href="#">Solenostomus paradoxus</a> Ornate Ghostpipefish, Harlequin Ghost Pipefish, Ornate Ghost Pipefish [66184]		Species or species habitat may occur within area
<a href="#">Stigmatopora nigra</a> Widebody Pipefish, Wide-bodied Pipefish, Black Pipefish [66277]		Species or species habitat may occur within area
<a href="#">Syngnathoides biaculeatus</a> Double-end Pipehorse, Double-ended Pipehorse, Alligator Pipefish [66279]		Species or species habitat may occur within area

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Name	Threatened	Type of Presence
<a href="#">Trachyrhamphus bicoarctatus</a> Bentstick Pipefish, Bend Stick Pipefish, Short-tailed Pipefish [66280]		Species or species habitat may occur within area
<a href="#">Urocampus carinirostris</a> Hairy Pipefish [66282]		Species or species habitat may occur within area
<a href="#">Vanacampus margaritifer</a> Mother-of-pearl Pipefish [66283]		Species or species habitat may occur within area
Mammals		
<a href="#">Dugong dugon</a> Dugong [28]		Species or species habitat known to occur within area
Reptiles		
<a href="#">Acalyptophis peronii</a> Horned Seasnake [1114]		Species or species habitat may occur within area
<a href="#">Aipysurus duboisii</a> Dubois' Seasnake [1116]		Species or species habitat may occur within area
<a href="#">Aipysurus laevis</a> Olive Seasnake [1120]		Species or species habitat may occur within area
<a href="#">Astrotia stokesii</a> Stokes' Seasnake [1122]		Species or species habitat may occur within area
<a href="#">Caretta caretta</a> Loggerhead Turtle [1763]	Endangered	Breeding known to occur within area
<a href="#">Chelonia mydas</a> Green Turtle [1765]	Vulnerable	Breeding known to occur within area
<a href="#">Crocodylus porosus</a> Salt-water Crocodile, Estuarine Crocodile [1774]		Species or species habitat likely to occur within area
<a href="#">Dermochelys coriacea</a> Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area
<a href="#">Disteira kingii</a> Spectacled Seasnake [1123]		Species or species habitat may occur within area
<a href="#">Disteira major</a> Olive-headed Seasnake [1124]		Species or species habitat may occur within area
<a href="#">Emydocephalus annulatus</a> Turtle-headed Seasnake [1125]		Species or species habitat may occur within area
<a href="#">Eretmochelys imbricata</a> Hawksbill Turtle [1766]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
<a href="#">Hydrophis elegans</a> Elegant Seasnake [1104]		Species or species habitat may occur within area
<a href="#">Laticauda colubrina</a> a sea krait [1092]		Species or species habitat may occur within area
<a href="#">Laticauda laticaudata</a> a sea krait [1093]		Species or species

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Name	Threatened	Type of Presence
<a href="#">Lepidochelys olivacea</a>		habitat may occur within area
Olive Ridley Turtle, Pacific Ridley Turtle [1767]	Endangered	Species or species habitat known to occur within area
<a href="#">Natator depressus</a>		
Flatback Turtle [59257]	Vulnerable	Breeding known to occur within area
<a href="#">Pelamis platurus</a>		
Yellow-bellied Seasnake [1091]		Species or species habitat may occur within area
<b>Whales and other Cetaceans</b>		
<b>[ Resource Information ]</b>		
Name	Status	Type of Presence
<b>Mammals</b>		
<a href="#">Balaenoptera acutorostrata</a>		
Minke Whale [33]		Species or species habitat may occur within area
<a href="#">Balaenoptera edeni</a>		
Bryde's Whale [35]		Species or species habitat may occur within area
<a href="#">Balaenoptera musculus</a>		
Blue Whale [36]	Endangered	Species or species habitat may occur within area
<a href="#">Delphinus delphis</a>		
Common Dolphin, Short-beaked Common Dolphin [60]		Species or species habitat may occur within area
<a href="#">Eubalaena australis</a>		
Southern Right Whale [40]	Endangered	Species or species habitat likely to occur within area
<a href="#">Grampus griseus</a>		
Risso's Dolphin, Grampus [64]		Species or species habitat may occur within area
<a href="#">Megaptera novaeangliae</a>		
Humpback Whale [38]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Orcaella brevirostris</a>		
Irrawaddy Dolphin [45]		Species or species habitat likely to occur within area
<a href="#">Orcinus orca</a>		
Killer Whale, Orca [46]		Species or species habitat may occur within area
<a href="#">Sousa chinensis</a>		
Indo-Pacific Humpback Dolphin [50]		Breeding known to occur within area
<a href="#">Stenella attenuata</a>		
Spotted Dolphin, Pantropical Spotted Dolphin [51]		Species or species habitat may occur within area
<a href="#">Tursiops aduncus</a>		
Indian Ocean Bottlenose Dolphin, Spotted Bottlenose Dolphin [68418]		Species or species habitat likely to occur within area
<a href="#">Tursiops truncatus s. str.</a>		
Bottlenose Dolphin [68417]		Species or species habitat may occur within area

## Extra Information

## Invasive Species

## [ Resource Information ]

Weeds reported here are the 20 species of national significance (WoNS), along with other introduced plants that are considered by the States and Territories to pose a particularly significant threat to biodiversity. The following feral animals are reported: Goat, Red Fox, Cat, Rabbit, Pig, Water Buffalo and Cane Toad. Maps from Landscape Health Project, National Land and Water Resources Audit, 2001.

Name	Status	Type of Presence
<b>Birds</b>		
Anas platyrhynchos Mallard [974]		Species or species habitat likely to occur within area
Columba livia Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
Lonchura punctulata Nutmeg Mannikin [399]		Species or species habitat likely to occur within area
Passer domesticus House Sparrow [405]		Species or species habitat likely to occur within area
Streptopelia chinensis Spotted Turtle-Dove [780]		Species or species habitat likely to occur within area
Sturnus vulgaris Common Starling [389]		Species or species habitat likely to occur within area
<b>Frogs</b>		
Rhinella marina Cane Toad [83218]		Species or species habitat known to occur within area
<b>Mammals</b>		
Bos taurus Domestic Cattle [16]		Species or species habitat likely to occur within area
Canis lupus familiaris Domestic Dog [82654]		Species or species habitat likely to occur within area
Equus caballus Horse [5]		Species or species habitat likely to occur

Name	Status	Type of Presence within area
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Felis catus Cat, House Cat, Domestic Cat [19]		Species or species habitat likely to occur within area
Lepus capensis Brown Hare [127]		Species or species habitat likely to occur within area
Mus musculus House Mouse [120]		Species or species habitat likely to occur within area
Oryctolagus cuniculus Rabbit, European Rabbit [128]		Species or species habitat likely to occur within area
Rattus norvegicus Brown Rat, Norway Rat [83]		Species or species habitat likely to occur within area
Rattus rattus Black Rat, Ship Rat [84]		Species or species habitat likely to occur within area
Sus scrofa Pig [6]		Species or species habitat likely to occur within area
Vulpes vulpes Red Fox, Fox [18]		Species or species habitat likely to occur within area
Plants		
Chrysanthemoides monilifera Bitou Bush, Boneseed [18983]		Species or species habitat may occur within area
Chrysanthemoides monilifera subsp. rotundata Bitou Bush [16332]		Species or species habitat likely to occur within area
Cryptostegia grandiflora Rubber Vine, Rubbervine, India Rubber Vine, India Rubbervine, Palay Rubbervine, Purple Allamanda [18913]		Species or species habitat likely to occur within area
Lantana camara Lantana, Common Lantana, Kamara Lantana, Large-leaf Lantana, Pink Flowered Lantana, Red Flowered Lantana, Red-Flowered Sage, White Sage, Wild Sage [10892]		Species or species habitat likely to occur within area
Parthenium hysterophorus Parthenium Weed, Bitter Weed, Carrot Grass, False Ragweed [19566]		Species or species habitat likely to occur within area
Salvinia molesta Salvinia, Giant Salvinia, Aquarium Watermoss, Kariba Weed [13665]		Species or species habitat likely to occur within area
Reptiles		
Hemidactylus frenatus Asian House Gecko [1708]		Species or species habitat likely to occur within area
Ramphotyphlops braminus Flowerpot Blind Snake, Brahminy Blind Snake, Cacing Besi [1258]		Species or species habitat may occur within area
Nationally Important Wetlands		[ Resource Information ]
Name	State	
<a href="#">Great Sandy Strait</a>	QLD	





# Caveat

## Appendix I - Approvals Summary Poona Boat Ramp Report

The information presented in this report has been provided by a range of data sources as acknowledged at the end of the report.

This report is designed to assist in identifying the locations of places which may be relevant in determining obligations under the Environment Protection and Biodiversity Conservation Act 1999. It holds mapped locations of World and National Heritage properties, Wetlands of International and National Importance, Commonwealth and State/Territory reserves, listed threatened, migratory and marine species and listed threatened ecological communities. Mapping of Commonwealth land is not complete at this stage. Maps have been collated from a range of sources at various resolutions.

Not all species listed under the EPBC Act have been mapped (see below) and therefore a report is a general guide only. Where available data supports mapping, the type of presence that can be determined from the data is indicated in general terms. People using this information in making a referral may need to consider the qualifications below and may need to seek and consider other information sources.

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Threatened, migratory and marine species distributions have been derived through a variety of methods. Where distributions are well known and if time permits, maps are derived using either thematic spatial data (i.e. vegetation, soils, geology, elevation, aspect, terrain, etc) together with point locations and described habitat; or environmental modelling (MAXENT or BIOCLIM habitat modelling) using point locations and environmental data layers.

Where very little information is available for species or large number of maps are required in a short time-frame, maps are derived either from 0.04 or 0.02 decimal degree cells; by an automated process using polygon capture techniques (static two kilometre grid cells, alpha-hull and convex hull); or captured manually or by using topographic features (national park boundaries, islands, etc). In the early stages of the distribution mapping process (1999-early 2000s) distributions were defined by degree blocks, 100K or 250K map sheets to rapidly create distribution maps. More reliable distribution mapping methods are used to update these distributions as time permits.

Only selected species covered by the following provisions of the EPBC Act have been mapped:

- migratory and
- marine

The following species and ecological communities have not been mapped and do not appear in reports produced from this database:

- threatened species listed as extinct or considered as vagrants
- some species and ecological communities that have only recently been listed
- some terrestrial species that overfly the Commonwealth marine area
- migratory species that are very widespread, vagrant, or only occur in small numbers

The following groups have been mapped, but may not cover the complete distribution of the species:

- non-threatened seabirds which have only been mapped for recorded breeding sites
- seals which have only been mapped for breeding sites near the Australian continent

Such breeding sites may be important for the protection of the Commonwealth Marine environment.

## Coordinates

-25.72021 152.90151

## Acknowledgements **Appendix I - Approvals Summary Poona Boat Ramp Report**

This database has been compiled from a range of data sources. The department acknowledges the following custodians who have contributed valuable data and advice:

- [-Office of Environment and Heritage, New South Wales](#)
- [-Department of Environment and Primary Industries, Victoria](#)
- [-Department of Primary Industries, Parks, Water and Environment, Tasmania](#)
- [-Department of Environment, Water and Natural Resources, South Australia](#)
- [-Department of Land and Resource Management, Northern Territory](#)
- [-Department of Environmental and Heritage Protection, Queensland](#)
- [-Department of Parks and Wildlife, Western Australia](#)
- [-Environment and Planning Directorate, ACT](#)
- [-Birdlife Australia](#)
- [-Australian Bird and Bat Banding Scheme](#)
- [-Australian National Wildlife Collection](#)
- [-Natural history museums of Australia](#)
- [-Museum Victoria](#)
- [-Australian Museum](#)
- [-South Australian Museum](#)
- [-Queensland Museum](#)
- [-Online Zoological Collections of Australian Museums](#)
- [-Queensland Herbarium](#)
- [-National Herbarium of NSW](#)
- [-Royal Botanic Gardens and National Herbarium of Victoria](#)
- [-Tasmanian Herbarium](#)
- [-State Herbarium of South Australia](#)
- [-Northern Territory Herbarium](#)
- [-Western Australian Herbarium](#)
- [-Australian National Herbarium, Canberra](#)
- [-University of New England](#)
- [-Ocean Biogeographic Information System](#)
- [-Australian Government, Department of Defence](#)
- [Forestry Corporation, NSW](#)
- [-Geoscience Australia](#)
- [-CSIRO](#)
- [-Australian Tropical Herbarium, Cairns](#)
- [-eBird Australia](#)
- [-Australian Government – Australian Antarctic Data Centre](#)
- [-Museum and Art Gallery of the Northern Territory](#)
- [-Australian Government National Environmental Science Program](#)
- [-Australian Institute of Marine Science](#)
- [-Reef Life Survey Australia](#)
- [-American Museum of Natural History](#)
- [-Queen Victoria Museum and Art Gallery, Inveresk, Tasmania](#)
- [-Tasmanian Museum and Art Gallery, Hobart, Tasmania](#)
- [-Other groups and individuals](#)

The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

Please feel free to provide feedback via the [Contact Us](#) page.



# Queensland Government

## Wildlife Online Extract

Search Criteria: Species List for a Specified Point  
Species: All  
Type: All  
Status: All  
Records: All  
Date: All  
Latitude: -25.7202  
Longitude: 152.9015  
Distance: 2  
Email: Kristin.reeves1@outlook.com  
Date submitted: Tuesday 06 Nov 2018 13:14:23  
Date extracted: Tuesday 06 Nov 2018 13:20:25

The number of records retrieved = 179

### **Disclaimer**

As the DSITIA is still in a process of collating and vetting data, it is possible the information given is not complete. The information provided should only be used for the project for which it was requested and it should be appropriately acknowledged as being derived from Wildlife Online when it is used.

The State of Queensland does not invite reliance upon, nor accept responsibility for this information. Persons should satisfy themselves through independent means as to the accuracy and completeness of this information.

No statements, representations or warranties are made about the accuracy or completeness of this information. The State of Queensland disclaims all responsibility for this information and all liability (including without limitation, liability in negligence) for all expenses, losses, damages and costs you may incur as a result of the information being inaccurate or incomplete in any way for any reason.

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
Appendix I - Approvals Summary Poona Boat Ramp Report								
animals	amphibians	Bufonidae	<i>Rhinella marina</i>	cane toad	Y			5
animals	amphibians	Hylidae	<i>Litoria tyleri</i>	southern laughing treefrog		C		1
animals	amphibians	Hylidae	<i>Litoria fallax</i>	eastern sedgefrog		C		3
animals	amphibians	Limnodynastidae	<i>Limnodynastes peronii</i>	striped marshfrog		C		4
animals	amphibians	Myobatrachidae	<i>Pseudophryne raveni</i>	copper backed broodfrog		C		4
animals	birds	Acanthizidae	<i>Gerygone levigaster</i>	mangrove gerygone		C		1
animals	birds	Acanthizidae	<i>Acanthiza pusilla</i>	brown thornbill		C		1
animals	birds	Accipitridae	<i>Haliaeetus leucogaster</i>	white-bellied sea-eagle		C		1
animals	birds	Accipitridae	<i>Haliastur sphenurus</i>	whistling kite		C		7
animals	birds	Accipitridae	<i>Haliastur indus</i>	brahminy kite		C		3
animals	birds	Alcedinidae	<i>Ceyx azureus</i>	azure kingfisher		C		1
animals	birds	Anatidae	<i>Anas castanea</i>	chestnut teal		C		1
animals	birds	Ardeidae	<i>Egretta garzetta</i>	little egret		C		2
animals	birds	Ardeidae	<i>Ardea intermedia</i>	intermediate egret		C		1
animals	birds	Ardeidae	<i>Butorides striata</i>	striated heron		C		2
animals	birds	Ardeidae	<i>Egretta novaehollandiae</i>	white-faced heron		C		4
animals	birds	Artamidae	<i>Strepera graculina</i>	pieb currawong		C		2
animals	birds	Artamidae	<i>Cracticus tibicen</i>	Australian magpie		C		6
animals	birds	Artamidae	<i>Cracticus torquatus</i>	grey butcherbird		C		4
animals	birds	Artamidae	<i>Cracticus nigrogularis</i>	pieb butcherbird		C		3
animals	birds	Artamidae	<i>Artamus leucorhynchus</i>	white-breasted woodswallow		C		1
animals	birds	Burhinidae	<i>Burhinus grallarius</i>	bush stone-curlew		C		1
animals	birds	Cacatuidae	<i>Eolophus roseicapilla</i>	galah		C		1
animals	birds	Cacatuidae	<i>Cacatua galerita</i>	sulphur-crested cockatoo		C		6
animals	birds	Campephagidae	<i>Coracina novaehollandiae</i>	black-faced cuckoo-shrike		C		3
animals	birds	Campephagidae	<i>Coracina tenuirostris</i>	cicadabird		C		1
animals	birds	Charadriidae	<i>Vanellus miles novaehollandiae</i>	masked lapwing (southern subspecies)		C		4
animals	birds	Charadriidae	<i>Charadrius ruficapillus</i>	red-capped plover		C		1
animals	birds	Charadriidae	<i>Vanellus miles</i>	masked lapwing		C		3
animals	birds	Ciconiidae	<i>Ephippiorhynchus asiaticus</i>	black-necked stork		C		1
animals	birds	Columbidae	<i>Lopholaimus antarcticus</i>	topknot pigeon		C		1
animals	birds	Columbidae	<i>Columba livia</i>	rock dove	Y			2
animals	birds	Columbidae	<i>Geopelia humeralis</i>	bar-shouldered dove		C		4
animals	birds	Columbidae	<i>Streptopelia chinensis</i>	spotted dove	Y			5
animals	birds	Columbidae	<i>Geopelia striata</i>	peaceful dove		C		4
animals	birds	Columbidae	<i>Ocyphaps lophotes</i>	crested pigeon		C		6
animals	birds	Columbidae	<i>Chalcophaps indica</i>	emerald dove		C		1
animals	birds	Coraciidae	<i>Eurystomus orientalis</i>	dollarbird		C		3
animals	birds	Corvidae	<i>Corvus orru</i>	Torresian crow		C		5
animals	birds	Cuculidae	<i>Scythrops novaehollandiae</i>	channel-billed cuckoo		C		1
animals	birds	Cuculidae	<i>Centropus phasianinus</i>	pheasant coucal		C		2
animals	birds	Cuculidae	<i>Eudynamys orientalis</i>	eastern koel		C		1
animals	birds	Dicruridae	<i>Dicrurus bracteatus</i>	spangled drongo		C		2
animals	birds	Estrildidae	<i>Neochmia temporalis</i>	red-browed finch		C		1
animals	birds	Haematopodidae	<i>Haematopus longirostris</i>	Australian pied oystercatcher		C		3
animals	birds	Halcyonidae	<i>Todiramphus sanctus</i>	sacred kingfisher		C		1



Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
Appendix I - Approvals Summary Poona Boat Ramp Report								
animals	birds	Halcyonidae	<i>Dacelo novaeguineae</i>	laughing kookaburra		C		6
animals	birds	Halcyonidae	<i>Todiramphus sordidus</i>	Torresian kingfisher		C		4
animals	birds	Hirundinidae	<i>Hirundo neoxena</i>	welcome swallow		C		6
animals	birds	Laridae	<i>Thalasseus bergii</i>	crested tern		SL		1
animals	birds	Laridae	<i>Hydroprogne caspia</i>	Caspian tern		SL		6
animals	birds	Laridae	<i>Sternula albifrons</i>	little tern		SL		1
animals	birds	Laridae	<i>Chroicocephalus novaehollandiae</i>	silver gull		C		4
animals	birds	Laridae	<i>Gelochelidon nilotica</i>	gull-billed tern		SL		2
animals	birds	Maluridae	<i>Malurus lamberti</i>	variegated fairy-wren		C		2
animals	birds	Maluridae	<i>Malurus melanocephalus</i>	red-backed fairy-wren		C		1
animals	birds	Meliphagidae	<i>Philemon corniculatus</i>	noisy friarbird		C		6
animals	birds	Meliphagidae	<i>Myzomela sanguinolenta</i>	scarlet honeyeater		C		3
animals	birds	Meliphagidae	<i>Philemon citreogularis</i>	little friarbird		C		3
animals	birds	Meliphagidae	<i>Anthochaera chrysoptera</i>	little wattlebird		C		4
animals	birds	Meliphagidae	<i>Gavicalis fasciogularis</i>	mangrove honeyeater		C		2
animals	birds	Meliphagidae	<i>Melithreptus albogularis</i>	white-throated honeyeater		C		3
animals	birds	Meliphagidae	<i>Meliphaga lewinii</i>	Lewin's honeyeater		C		2
animals	birds	Meliphagidae	<i>Entomyzon cyanotis</i>	blue-faced honeyeater		C		7
animals	birds	Meliphagidae	<i>Lichmera indistincta</i>	brown honeyeater		C		5
animals	birds	Meropidae	<i>Merops ornatus</i>	rainbow bee-eater		C		4
animals	birds	Monarchidae	<i>Grallina cyanoleuca</i>	magpie-lark		C		7
animals	birds	Monarchidae	<i>Myiagra rubecula</i>	leaden flycatcher		C		2
animals	birds	Monarchidae	<i>Myiagra inquieta</i>	restless flycatcher		C		1
animals	birds	Nectariniidae	<i>Dicaeum hirundinaceum</i>	mistletoebird		C		3
animals	birds	Oriolidae	<i>Oriolus sagittatus</i>	olive-backed oriole		C		1
animals	birds	Oriolidae	<i>Sphecotheres vieilloti</i>	Australasian figbird		C		4
animals	birds	Pachycephalidae	<i>Pachycephala rufiventris</i>	rufous whistler		C		3
animals	birds	Pachycephalidae	<i>Pachycephala pectoralis</i>	golden whistler		C		1
animals	birds	Pachycephalidae	<i>Colluricincla harmonica</i>	grey shrike-thrush		C		4
animals	birds	Pardalotidae	<i>Pardalotus striatus</i>	striated pardalote		C		4
animals	birds	Pelecanidae	<i>Pelecanus conspicillatus</i>	Australian pelican		C		3
animals	birds	Petroicidae	<i>Eopsaltria australis</i>	eastern yellow robin		C		1
animals	birds	Petroicidae	<i>Petroica rosea</i>	rose robin		C		1
animals	birds	Phalacrocoracidae	<i>Microcarbo melanoleucos</i>	little pied cormorant		C		3
animals	birds	Phalacrocoracidae	<i>Phalacrocorax varius</i>	pied cormorant		C		3
animals	birds	Podargidae	<i>Podargus strigoides</i>	tawny frogmouth		C		2
animals	birds	Psittacidae	<i>Trichoglossus haematodus moluccanus</i>	rainbow lorikeet		C		6
animals	birds	Psittacidae	<i>Aprosmictus erythropterus</i>	red-winged parrot		C		1
animals	birds	Psittacidae	<i>Platycercus adscitus</i>	pale-headed rosella		C		2
animals	birds	Psittacidae	<i>Trichoglossus chlorolepidotus</i>	scaly-breasted lorikeet		C		2
animals	birds	Psophodidae	<i>Psophodes olivaceus</i>	eastern whipbird		C		3
animals	birds	Recurvirostridae	<i>Himantopus himantopus</i>	black-winged stilt		C		2
animals	birds	Rhipiduridae	<i>Rhipidura leucophrys</i>	willie wagtail		C		5
animals	birds	Rhipiduridae	<i>Rhipidura albiscapa</i>	grey fantail		C		2
animals	birds	Scolopacidae	<i>Numenius madagascariensis</i>	eastern curlew		E	CE	5
animals	birds	Scolopacidae	<i>Numenius phaeopus</i>	whimbrel		SL		2

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
Appendix I - Approvals Summary Poona Boat Ramp Report								
animals	birds	Scolopacidae	<i>Limosa lapponica baueri</i>	Western Alaskan bar-tailed godwit	V		V	2
animals	birds	Scolopacidae	<i>Tringa brevipes</i>	grey-tailed tattler	SL			2
animals	birds	Scolopacidae	<i>Limosa limosa</i>	black-tailed godwit	SL			1
animals	birds	Strigidae	<i>Ninox boobook</i>	southern boobook	C			1
animals	birds	Threskiornithidae	<i>Platalea regia</i>	royal spoonbill	C			1
animals	birds	Threskiornithidae	<i>Threskiornis molucca</i>	Australian white ibis	C			3
animals	birds	Threskiornithidae	<i>Threskiornis spinicollis</i>	straw-necked ibis	C			2
animals	birds	Timaliidae	<i>Zosterops lateralis</i>	silveryeye	C			1
animals	mammals	Macropodidae	<i>Macropus giganteus</i>	eastern grey kangaroo	C			1
animals	mammals	Miniopteridae	<i>Miniopterus australis</i>	little bent-wing bat	C			3
animals	mammals	Molossidae	<i>Mormopterus lumsdenae</i>	northern free-tailed bat	C			1
animals	mammals	Muridae	<i>Xeromys myoides</i>	water mouse	V		V	12
animals	mammals	Rhinolophidae	<i>Rhinolophus megaphyllus</i>	eastern horseshoe-bat	C			1
animals	mammals	Vespertilionidae	<i>Chalinolobus gouldii</i>	Gould's wattled bat	C			1
animals	mammals	Vespertilionidae	<i>Nyctophilus sp.</i>					1
animals	mammals	Vespertilionidae	<i>Scotorepens greyii</i>	little broad-nosed bat		C		1
animals	mammals	Vespertilionidae	<i>Vespadelus darlingtoni</i>	large forest bat		C		1
plants	cycads	Zamiaceae	<i>Macrozamia pauli-guilielmi</i>		E		E	2/2
plants	ferns	Schizaeaceae	<i>Schizaea dichotoma</i>	branched comb fern	C			1/1
plants	higher dicots	Apiaceae	<i>Platysace linearifolia</i>		C			1/1
plants	higher dicots	Apiaceae	<i>Platysace lanceolata</i>		C			1/1
plants	higher dicots	Araliaceae	<i>Astrotricha longifolia</i>	star hair bush	C			1/1
plants	higher dicots	Cunoniaceae	<i>Bauera capitata</i>	clustered bauera	C			1/1
plants	higher dicots	Dilleniaceae	<i>Hibbertia salicifolia</i>		C			1/1
plants	higher dicots	Dilleniaceae	<i>Hibbertia</i>		C			1/1
plants	higher dicots	Dilleniaceae	<i>Hibbertia vestita</i>		C			1/1
plants	higher dicots	Dilleniaceae	<i>Hibbertia acicularis</i>		C			1/1
plants	higher dicots	Droseraceae	<i>Drosera lunata</i>		C			1/1
plants	higher dicots	Elaeocarpaceae	<i>Elaeocarpus reticulatus</i>	ash quandong	C			1/1
plants	higher dicots	Ericaceae	<i>Monotoca scoparia</i>	prickly broom heath	C			1/1
plants	higher dicots	Ericaceae	<i>Epacris obtusifolia</i>	common heath	C			2/2
plants	higher dicots	Ericaceae	<i>Leucopogon pimeleoides</i>		C			1/1
plants	higher dicots	Ericaceae	<i>Sprengelia sprengelioides</i>	sprengelia	C			1/1
plants	higher dicots	Ericaceae	<i>Leucopogon leptospermoides</i>		C			2/2
plants	higher dicots	Ericaceae	<i>Monotoca sp. (Fraser Island P.Baxter 777)</i>		C			1/1
plants	higher dicots	Euphorbiaceae	<i>Ricinocarpus pinifolius</i>	wedding bush	C			2/2
plants	higher dicots	Fabaceae	<i>Aotus lanigera</i>	pointed aotus	C			1/1
plants	higher dicots	Fabaceae	<i>Pultenaea rariflora</i>		C			1/1
plants	higher dicots	Fabaceae	<i>Aotus ericoides</i>	common aotus	C			1/1
plants	higher dicots	Goodeniaceae	<i>Velleia spathulata</i>	wild pansies	C			1/1
plants	higher dicots	Myrtaceae	<i>Baeckea frutescens</i>		C			1/1
plants	higher dicots	Myrtaceae	<i>Leptospermum trinervium</i>	woolly tea-tree	C			1/1
plants	higher dicots	Myrtaceae	<i>Austromyrtus dulcis</i>	midgen berry	C			1/1
plants	higher dicots	Myrtaceae	<i>Corymbia intermedia</i>	pink bloodwood	C			1/1
plants	higher dicots	Myrtaceae	<i>Leptospermum whitei</i>		C			1/1
plants	higher dicots	Myrtaceae	<i>Ochrosperma lineare</i>		C			2/2

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
Appendix I - Approvals Summary Poona Boat Ramp Report								
plants	higher dicots	Myrtaceae	<i>Homoranthus virgatus</i>	twiggy homoranthus		C		1/1
plants	higher dicots	Myrtaceae	<i>Melaleuca thymifolia</i>	thyme honeymyrtle		C		1/1
plants	higher dicots	Myrtaceae	<i>Eucalyptus bancroftii</i>	Bancroft's red gum		C		1/1
plants	higher dicots	Myrtaceae	<i>Leptospermum polygalifolium</i>	tantoon		C		1/1
plants	higher dicots	Myrtaceae	<i>Leptospermum semibaccatum</i>	wallum tea-tree		C		2/2
plants	higher dicots	Myrtaceae	<i>Leptospermum liversidgei</i>			C		1/1
plants	higher dicots	Myrtaceae	<i>Acmena smithii</i>	lillypilly satinash		C		1/1
plants	higher dicots	Myrtaceae	<i>Eucalyptus latisinensis</i>			C		1/1
plants	higher dicots	Myrtaceae	<i>Melaleuca pachyphylla</i>			C		1/1
plants	higher dicots	Olacaceae	<i>Olax retusa</i>			C		2/2
plants	higher dicots	Polygalaceae	<i>Comesperma defoliatum</i>	leafless milkwort		C		1/1
plants	higher dicots	Proteaceae	<i>Conospermum taxifolium</i>	devil's rice		C		2/2
plants	higher dicots	Proteaceae	<i>Petrophile shirleyae</i>			C		1/1
plants	higher dicots	Proteaceae	<i>Banksia oblongifolia</i>	dwarf banksia		C		1/1
plants	higher dicots	Proteaceae	<i>Banksia robur</i>	broad-leaved banksia		C		1/1
plants	higher dicots	Proteaceae	<i>Persoonia virgata</i>	small-leaved geebung		C		1/1
plants	higher dicots	Rubiaceae	<i>Pomax umbellata</i>			C		1/1
plants	higher dicots	Rutaceae	<i>Boronia falcifolia</i>	wallum boronia		C		2/2
plants	higher dicots	Rutaceae	<i>Phebalium woombye</i>	wallum phebalium		C		2/2
plants	higher dicots	Santalaceae	<i>Choretrum candollei</i>	white sour bush		C		1/1
plants	higher dicots	Sapindaceae	<i>Dodonaea triquetra</i>	large-leaved hop bush		C		1/1
plants	higher dicots	Thymelaeaceae	<i>Pimelea linifolia</i> subsp. <i>linifolia</i>			C		1/1
plants	higher dicots	Violaceae	<i>Hybanthus monopetalus</i>			C		1/1
plants	lower dicots	Apocynaceae	<i>Marsdenia fraseri</i>	narrow-leaved milk vine		C		1/1
plants	lower dicots	Loganiaceae	<i>Mitrasacme paludosa</i>			C		1/1
plants	monocots	Cyperaceae	<i>Caustis recurvata</i>			C		2/2
plants	monocots	Cyperaceae	<i>Cyperus polystachyos</i>			C		1/1
plants	monocots	Cyperaceae	<i>Schoenus brevifolius</i>			C		1/1
plants	monocots	Hemerocallidaceae	<i>Dianella</i>			C		1/1
plants	monocots	Iridaceae	<i>Patersonia fragilis</i>			C		1/1
plants	monocots	Laxmanniaceae	<i>Sowerbaea juncea</i>	vanilla plant		C		1/1
plants	monocots	Laxmanniaceae	<i>Lomandra longifolia</i>			C		1/1
plants	monocots	Laxmanniaceae	<i>Lomandra multiflora</i> subsp. <i>multiflora</i>			C		1/1
plants	monocots	Laxmanniaceae	<i>Laxmannia compacta</i>			C		1/1
plants	monocots	Poaceae	<i>Aristida benthamii</i> var. <i>benthamii</i>			C		1/1
plants	monocots	Poaceae	<i>Panicum simile</i>			C		1/1
plants	monocots	Restionaceae	<i>Eurychorda complanata</i>			C		1/1
plants	monocots	Restionaceae	<i>Baloskion pallens</i>			C		1/1
plants	monocots	Xyridaceae	<i>Xyris complanata</i>	yellow-eye		C		1/1
plants	uncertain	Indet.	<i>Indet.</i>			C		2
plants		Macarthuriaceae	<i>Macarthuria neocambrica</i>			C		1/1

#### CODES

I - Y indicates that the taxon is introduced to Queensland and has naturalised.

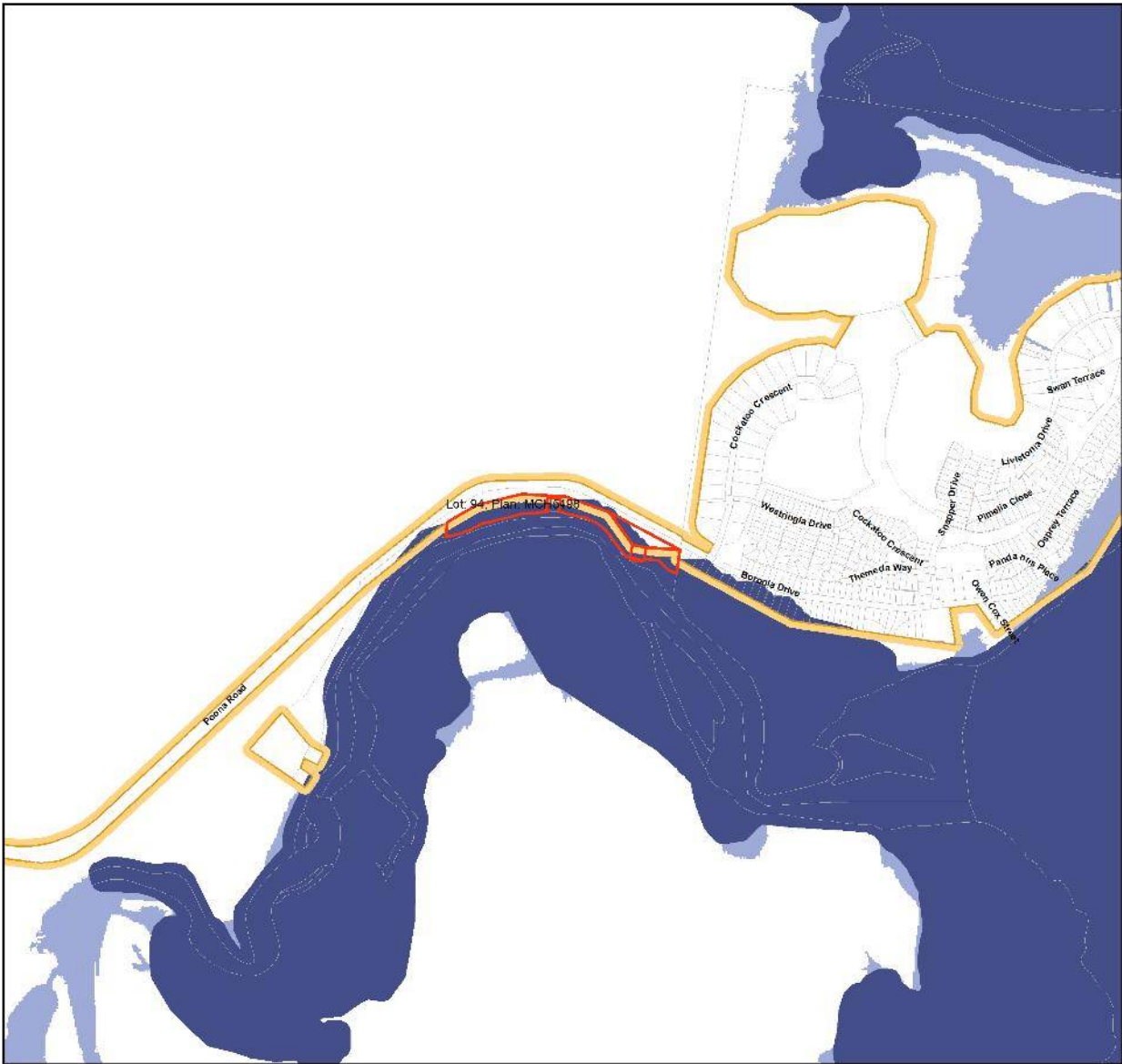
Q - Indicates the Queensland conservation status of each taxon under the *Nature Conservation Act 1992*. The codes are Extinct in the Wild (PE), Endangered (E), Vulnerable (V), Near Threatened (NT), Least Concern (C) or Not Protected ( ).

A - Indicates the Australian conservation status of each taxon under the *Environment Protection and Biodiversity Conservation Act 1999*. The values of EPBC are Conservation Dependent (CD), Critically Endangered (CE), Endangered (E), Extinct (EX), Extinct in the Wild (XW) and Vulnerable (V).

Records – The first number indicates the total number of records of the taxon for the record option selected (i.e. All, Confirmed or Specimens).






This number is output as 99999 if it equals or exceeds this value. The second number located after the / indicates the number of specimen records for the taxon.

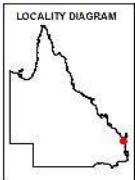
This number is output as 999 if it equals or exceeds this value.



**Coastal Hazard Areas Map**  
**Erosion Prone Area**

**Legend**

-  Lot and Plan
-  Erosion due to storm impact and long term trends including sediment supply deficit and channel migration
-  Erosion from permanent tidal inundation due to sea level rise
-  Coastal Management District
-  Coastal Building Lines



**Notes**

1. The areas shown on this map are indicative of the extent of erosion and permanent inundation defined by erosion prone area plans declared under the Coastal Protection and Management Act 1995. Only the declared erosion prone area plans should be used for development assessment. To determine the actual position of the erosion prone area a registered surveyor or geotechnical consultant may be required if there is any doubt.
2. Erosion prone area plans for each local government area and a comprehensive description of their determination are available from the Department of Environment and Science website.

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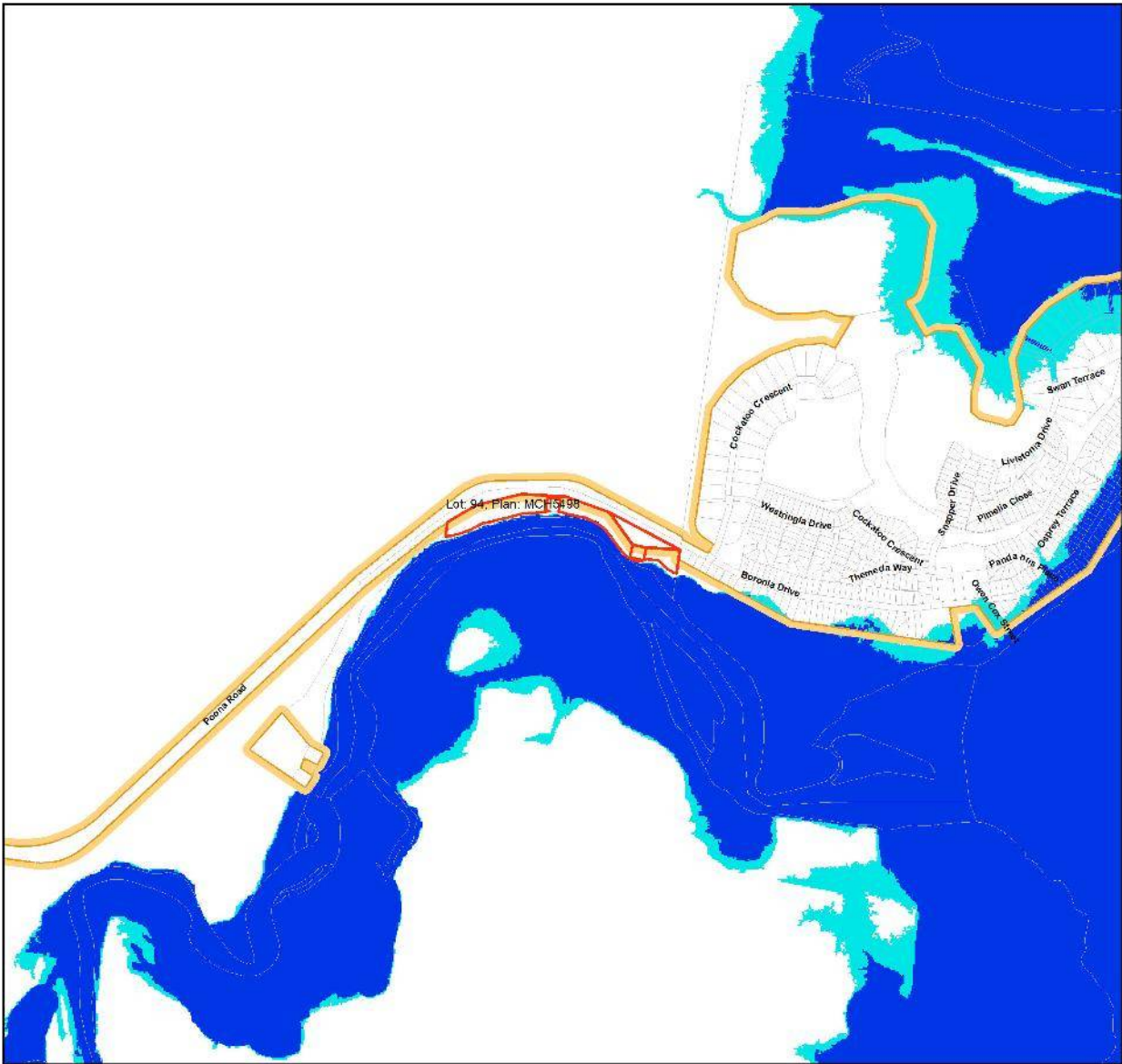
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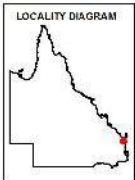


### Coastal Hazard Areas Map Storm Tide Inundation Area

#### Legend

- Lot and Plan
- High hazard area (greater than 1.0m water depth)
- Medium hazard area (less than 1.0m water depth)
- Coastal Management District
- Coastal hazard data not available in this area
- Coastal Building Lines

\* Regional default values for a 100yr ARI inundation level including 0.8m sea level rise.



- Notes**
1. A default storm tide inundation level of 1.5 m HAT in South East Queensland regional planning area and 2 m HAT for the remainder of Queensland is used where projected storm tide inundation levels have not been determined locally.
  2. The high hazard area may coincide with the area of permanent inundation - refer to the Erosion Prone Area map.
  3. The map should be used as a guide only. Field surveys are recommended to verify feature boundaries.

Version 4 - July 2015

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    - ☒ Coastal building line
    - ☒ Coastal area – erosion prone area
    - ☒ Coastal area – medium storm tide inundation area
    - ☒ Coastal area – high storm tide inundation area
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  - ▼ FISH HABITAT AREAS
    - ☒ All
    - ☒ Fish habitat management area A
    - ☒ Fish habitat management area B
    - ☒ Queensland waterways for waterway barrier works
      - 1 - Low
      - 2 - Moderate
      - 3 - High
      - 4 - Major
    - ☒ Tidal waterways
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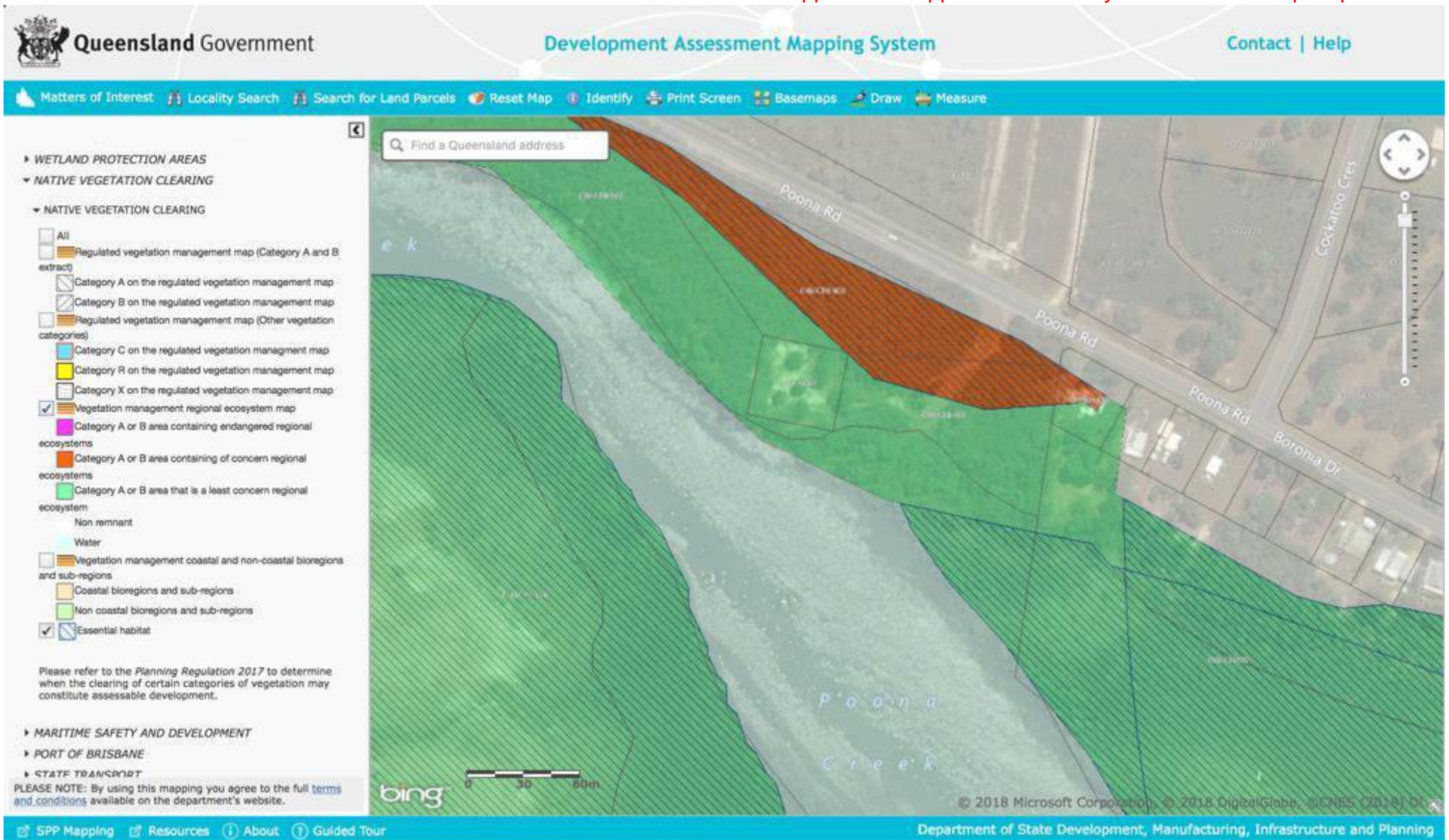
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  - ☒ High risk maritime development zone
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