

# Appendices

# **Appendix A**

## **Protected Matters Search Tool Search Results**



# 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. Please see the caveat for interpretation of information provided here.

Report created: 05-Aug-2025

[Summary](#)

[Details](#)

[Matters of NES](#)

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

[Extra Information](#)

[Caveat](#)

[Acknowledgements](#)

# Summary

## Matters of National Environment 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 (Ramsar</a>	2
<a href="#">Great Barrier Reef Marine Park:</a>	None
<a href="#">Commonwealth Marine Area:</a>	2
<a href="#">Listed Threatened Ecological Communities:</a>	2
<a href="#">Listed Threatened Species:</a>	94
<a href="#">Listed Migratory Species:</a>	67

## 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 <https://www.dcceew.gov.au/parks-heritage/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 Lands:</a>	None
<a href="#">Commonwealth Heritage Places:</a>	None
<a href="#">Listed Marine Species:</a>	106
<a href="#">Whales and Other Cetaceans:</a>	14
<a href="#">Critical Habitats:</a>	None
<a href="#">Commonwealth Reserves Terrestrial:</a>	None
<a href="#">Australian Marine Parks:</a>	None
<a href="#">Habitat Critical to the Survival of Marine Turtles:</a>	None

## Extra Information

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

<a href="#">State and Territory Reserves:</a>	6
<a href="#">Regional Forest Agreements:</a>	1
<a href="#">Nationally Important Wetlands:</a>	2
<a href="#">EPBC Act Referrals:</a>	32
<a href="#">Key Ecological Features (Marine):</a>	None
<a href="#">Biologically Important Areas:</a>	11
<a href="#">Bioregional Assessments:</a>	1
<a href="#">Geological and Bioregional Assessments:</a>	None

# Details

## Matters of National Environmental Significance

Wetlands of International Importance (Ramsar Wetlands)		<a href="#">[ Resource Information ]</a>
Ramsar Site Name	Proximity	
<a href="#">Corner inlet</a>	Within Ramsar site	
<a href="#">Gippsland lakes</a>	Within Ramsar site	

Commonwealth Marine Area	<a href="#">[ Resource Information ]</a>
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Approval is required for a proposed activity that is located within the Commonwealth Marine Area which has, will have, or is likely to have a significant impact on the environment. Approval may be required for a proposed action taken outside a Commonwealth Marine Area but which has, may have or is likely to have a significant impact on the environment in the Commonwealth Marine Area.

Feature Name	<a href="#">[ Resource Information ]</a>
Commonwealth Marine Areas (EPBC Act)	
Commonwealth Marine Areas (EPBC Act)	

Listed Threatened Ecological Communities	<a href="#">[ Resource Information ]</a>
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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.

Status of Vulnerable, Disallowed and Ineligible are not MNES under the EPBC Act.

Community Name	Threatened Category	Presence Text
<a href="#">Natural Damp Grassland of the Victorian Coastal Plains</a>	Critically Endangered	Community may occur within area
<a href="#">Subtropical and Temperate Coastal Saltmarsh</a>	Vulnerable	Community likely to occur within area

Listed Threatened Species	<a href="#">[ Resource Information ]</a>
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Status of Conservation Dependent and Extinct are not MNES under the EPBC Act.

Number is the current name ID.

Scientific Name	Threatened Category	Presence Text
BIRD		
<a href="#">Anthochaera phrygia</a>		
Regent Honeyeater [82338]	Critically Endangered	Species or species habitat likely to occur within area
<a href="#">Ardenna grisea</a>		
Sooty Shearwater [82651]	Vulnerable	Species or species habitat may occur within area

Scientific Name	Threatened Category	Presence Text
<a href="#"><u>Arenaria interpres</u></a> Ruddy Turnstone [872]	Vulnerable	Roosting known to occur within area
<a href="#"><u>Botaurus poiciloptilus</u></a> Australasian Bittern [1001]	Endangered	Species or species habitat likely to occur within area
<a href="#"><u>Calidris acuminata</u></a> Sharp-tailed Sandpiper [874]	Vulnerable	Roosting known to occur within area
<a href="#"><u>Calidris canutus</u></a> Red Knot, Knot [855]	Vulnerable	Species or species habitat known to occur within area
<a href="#"><u>Calidris ferruginea</u></a> Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area
<a href="#"><u>Calidris tenuirostris</u></a> Great Knot [862]	Vulnerable	Roosting known to occur within area
<a href="#"><u>Callocephalon fimbriatum</u></a> Gang-gang Cockatoo [768]	Endangered	Species or species habitat likely to occur within area
<a href="#"><u>Calyptorhynchus lathami lathami</u></a> South-eastern Glossy Black-Cockatoo [67036]	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><u>Charadrius leschenaultii</u></a> Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><u>Charadrius mongolus</u></a> Lesser Sand Plover, Mongolian Plover [879]	Endangered	Roosting known to occur within area
<a href="#"><u>Climacteris picumnus victoriae</u></a> Brown Treecreeper (south-eastern) [67062]	Vulnerable	Species or species habitat may occur within area
<a href="#"><u>Diomedea antipodensis</u></a> Antipodean Albatross [64458]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area

Scientific Name	Threatened Category	Presence Text
<u><a href="#">Diomedea antipodensis gibsoni</a></u> Gibson's Albatross [82270]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<u><a href="#">Diomedea epomophora</a></u> Southern Royal Albatross [89221]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<u><a href="#">Diomedea exulans</a></u> Wandering Albatross [89223]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<u><a href="#">Diomedea sanfordi</a></u> Northern Royal Albatross [64456]	Endangered	Foraging, feeding or related behaviour likely to occur within area
<u><a href="#">Falco hypoleucus</a></u> Grey Falcon [929]	Vulnerable	Species or species habitat likely to occur within area
<u><a href="#">Fregetta grallaria grallaria</a></u> White-bellied Storm-Petrel (Tasman Sea), White-bellied Storm-Petrel (Australasian) [64438]	Vulnerable	Species or species habitat likely to occur within area
<u><a href="#">Gallinago hardwickii</a></u> Latham's Snipe, Japanese Snipe [863]	Vulnerable	Species or species habitat known to occur within area
<u><a href="#">Grantiella picta</a></u> Painted Honeyeater [470]	Vulnerable	Species or species habitat likely to occur within area
<u><a href="#">Halobaena caerulea</a></u> Blue Petrel [1059]	Vulnerable	Species or species habitat may occur within area
<u><a href="#">Hirundapus caudacutus</a></u> White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area

Scientific Name	Threatened Category	Presence Text
<u><a href="#">Lathamus discolor</a></u> Swift Parrot [744]	Critically Endangered	Species or species habitat known to occur within area
<u><a href="#">Limosa lapponica baueri</a></u> Nunivak Bar-tailed Godwit, Western Alaskan Bar-tailed Godwit [86380]	Endangered	Species or species habitat known to occur within area
<u><a href="#">Limosa limosa</a></u> Black-tailed Godwit [845]	Endangered	Roosting known to occur within area
<u><a href="#">Macronectes giganteus</a></u> Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area
<u><a href="#">Macronectes halli</a></u> Northern Giant Petrel [1061]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<u><a href="#">Melanodryas cucullata cucullata</a></u> South-eastern Hooded Robin, Hooded Robin (south-eastern) [67093]	Endangered	Species or species habitat may occur within area
<u><a href="#">Neophema chrysogaster</a></u> Orange-bellied Parrot [747]	Critically Endangered	Species or species habitat known to occur within area
<u><a href="#">Neophema chrysostoma</a></u> Blue-winged Parrot [726]	Vulnerable	Species or species habitat known to occur within area
<u><a href="#">Numenius madagascariensis</a></u> Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area
<u><a href="#">Pachyptila turtur subantarctica</a></u> Fairy Prion (southern) [64445]	Vulnerable	Species or species habitat known to occur within area
<u><a href="#">Phoebetria fusca</a></u> Sooty Albatross [1075]	Vulnerable	Species or species habitat likely to occur within area

Scientific Name	Threatened Category	Presence Text
<a href="#"><u><i>Pluvialis squatarola</i></u></a> Grey Plover [865]	Vulnerable	Roosting known to occur within area
<a href="#"><u><i>Pterodroma leucoptera leucoptera</i></u></a> Gould's Petrel, Australian Gould's Petrel [26033]	Endangered	Species or species habitat may occur within area
<a href="#"><u><i>Pycnoptilus floccosus</i></u></a> Pilotbird [525]	Vulnerable	Species or species habitat known to occur within area
<a href="#"><u><i>Rostratula australis</i></u></a> Australian Painted Snipe [77037]	Endangered	Species or species habitat likely to occur within area
<a href="#"><u><i>Stagonopleura guttata</i></u></a> Diamond Firetail [59398]	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><u><i>Sternula albifrons</i></u></a> Little Tern [82849]	Vulnerable	Species or species habitat may occur within area
<a href="#"><u><i>Sternula nereis nereis</i></u></a> Australian Fairy Tern [82950]	Vulnerable	Species or species habitat known to occur within area
<a href="#"><u><i>Thalassarche bulleri</i></u></a> Buller's Albatross, Pacific Albatross [64460]	Vulnerable	Species or species habitat may occur within area
<a href="#"><u><i>Thalassarche bulleri platei</i></u></a> Northern Buller's Albatross, Pacific Albatross [82273]	Vulnerable	Species or species habitat may occur within area
<a href="#"><u><i>Thalassarche carteri</i></u></a> Indian Yellow-nosed Albatross [64464]	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><u><i>Thalassarche cauta</i></u></a> Shy Albatross [89224]	Endangered	Foraging, feeding or related behaviour likely to occur within area

Scientific Name	Threatened Category	Presence Text
<a href="#"><u><i>Thalassarche chrysostoma</i></u></a> Grey-headed Albatross [66491]	Endangered	Species or species habitat may occur within area
<a href="#"><u><i>Thalassarche impavida</i></u></a> Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u><i>Thalassarche melanophris</i></u></a> Black-browed Albatross [66472]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u><i>Thalassarche salvini</i></u></a> Salvin's Albatross [64463]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u><i>Thalassarche steadi</i></u></a> White-capped Albatross [64462]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
<a href="#"><u><i>Thinornis cucullatus cucullatus</i></u></a> Eastern Hooded Plover, Eastern Hooded Plover [90381]	Vulnerable	Species or species habitat known to occur within area
<a href="#"><u><i>Tringa nebularia</i></u></a> Common Greenshank, Greenshank [832]	Endangered	Species or species habitat known to occur within area
<a href="#"><u><i>Xenus cinereus</i></u></a> Terek Sandpiper [59300]	Vulnerable	Roosting known to occur within area
<b>FISH</b>		
<a href="#"><u><i>Galaxiella pusilla</i></u></a> Eastern Dwarf Galaxias, Dwarf Galaxias [56790]	Endangered	Species or species habitat may occur within area
<a href="#"><u><i>Prototroctes maraena</i></u></a> Australian Grayling [26179]	Vulnerable	Species or species habitat known to occur within area

Scientific Name	Threatened Category	Presence Text
<a href="#"><u>Seriolella brama</u></a> Blue Warehou [69374]	Conservation Dependent	Species or species habitat known to occur within area
<b>FROG</b>		
<a href="#"><u>Heleioporus australiacus flavopunctatus</u></a> Southern Owl Frog, Southern Giant Burrowing Frog [92014]	Endangered	Species or species habitat may occur within area
<a href="#"><u>Litoria aurea</u></a> Green and Golden Bell Frog [1870]	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><u>Litoria raniformis</u></a> Southern Bell Frog, Growling Grass Frog, Green and Golden Frog, Warty Swamp Frog, Golden Bell Frog [1828]	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><u>Uperoleia martini</u></a> Martin's Toadlet [1873]	Endangered	Species or species habitat may occur within area
<b>MAMMAL</b>		
<a href="#"><u>Antechinus minimus maritimus</u></a> Swamp Antechinus (mainland) [83086]	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><u>Balaenoptera borealis</u></a> Sei Whale [34]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u>Balaenoptera musculus</u></a> Blue Whale [36]	Endangered	Species or species habitat likely to occur within area
<a href="#"><u>Balaenoptera physalus</u></a> Fin Whale [37]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u>Dasyurus maculatus maculatus (SE mainland population)</u></a> Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population) [75184]	Endangered	Species or species habitat may occur within area

Scientific Name	Threatened Category	Presence Text
<u><a href="#">Eubalaena australis</a></u> Southern Right Whale [40]	Endangered	Species or species habitat known to occur within area
<u><a href="#">Isoodon obesulus obesulus</a></u> Southern Brown Bandicoot (eastern), Southern Brown Bandicoot (south-eastern) [68050]	Endangered	Species or species habitat likely to occur within area
<u><a href="#">Petaurus australis australis</a></u> Yellow-bellied Glider (south-eastern) [87600]	Vulnerable	Species or species habitat may occur within area
<u><a href="#">Potorous tridactylus trisulcatus</a></u> Long-nosed Potoroo (southern mainland) [86367]	Vulnerable	Species or species habitat may occur within area
<u><a href="#">Pseudomys novaehollandiae</a></u> New Holland Mouse, Pookila [96]	Vulnerable	Species or species habitat likely to occur within area
<u><a href="#">Pteropus poliocephalus</a></u> Grey-headed Flying-fox [186]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
<b>PLANT</b>		
<u><a href="#">Amphibromus fluitans</a></u> River Swamp Wallaby-grass, Floating Swamp Wallaby-grass [19215]	Vulnerable	Species or species habitat likely to occur within area
<u><a href="#">Caladenia tessellata</a></u> Thick-lipped Spider-orchid, Daddy Long-legs [2119]	Vulnerable	Species or species habitat likely to occur within area
<u><a href="#">Commersonia prostrata</a></u> Dwarf Kerrawang [87152]	Endangered	Species or species habitat likely to occur within area
<u><a href="#">Dianella amoena</a></u> Matted Flax-lily [64886]	Endangered	Species or species habitat may occur within area
<u><a href="#">Dodonaea procumbens</a></u> Trailing Hop-bush [12149]	Vulnerable	Species or species habitat likely to occur within area

Scientific Name	Threatened Category	Presence Text
<a href="#"><u>Glycine latrobeana</u></a> Clover Glycine, Purple Clover [13910]	Vulnerable	Species or species habitat may occur within area
<a href="#"><u>Lepidium hyssopifolium</u></a> Basalt Pepper-cress, Peppercress, Rubble Pepper-cress, Pepperweed [16542]	Endangered	Species or species habitat likely to occur within area
<a href="#"><u>Prasophyllum frenchii</u></a> Maroon Leek-orchid, Slaty Leek-orchid, Stout Leek-orchid, French's Leek-orchid, Swamp Leek-orchid [9704]	Endangered	Species or species habitat known to occur within area
<a href="#"><u>Prasophyllum spicatum</u></a> Dense Leek-orchid [55146]	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><u>Pterostylis chlorogramma</u></a> Green-striped Greenhood [56510]	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><u>Senecio psilocarpus</u></a> Swamp Fireweed, Smooth-fruited Groundsel [64976]	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><u>Thelymitra epipactoides</u></a> Metallic Sun-orchid [11896]	Endangered	Species or species habitat likely to occur within area
<a href="#"><u>Thelymitra matthewsii</u></a> Spiral Sun-orchid [4168]	Endangered	Species or species habitat may occur within area
<a href="#"><u>Thesium australe</u></a> Austral Toadflax, Toadflax [15202]	Vulnerable	Species or species habitat may occur within area
<a href="#"><u>Xerochrysum palustre</u></a> Swamp Everlasting, Swamp Paper Daisy [76215]	Vulnerable	Species or species habitat likely to occur within area
<b>REPTILE</b>		
<a href="#"><u>Caretta caretta</u></a> Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area

Scientific Name	Threatened Category	Presence Text
<a href="#"><u><i>Chelonia mydas</i></u></a>		
Green Turtle [1765]	Vulnerable	Species or species habitat may occur within area
<a href="#"><u><i>Dermochelys coriacea</i></u></a>		
Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Foraging, feeding or related behaviour known to occur within area
<a href="#"><u><i>Lissolepis coventryi</i></u></a>		
Swamp Skink, Eastern Mourning Skink [84053]	Endangered	Species or species habitat known to occur within area

## SHARK

Scientific Name	Threatened Category	Presence Text
<a href="#"><u><i>Carcharodon carcharias</i></u></a>		
White Shark, Great White Shark [64470]	Vulnerable	Breeding known to occur within area
<a href="#"><u><i>Galeorhinus galeus</i></u></a>		
School Shark, Eastern School Shark, Snapper Shark, Tope, Soupfin Shark [68453]	Conservation Dependent	Species or species habitat likely to occur within area
<a href="#"><u><i>Rhincodon typus</i></u></a>		
Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area

Listed Migratory Species	[ Resource Information ]	
Scientific Name	Threatened Category	Presence Text
<b>Migratory Marine Birds</b>		
<a href="#"><u><i>Apus pacificus</i></u></a>		
Fork-tailed Swift [678]		Species or species habitat likely to occur within area
<a href="#"><u><i>Ardenna carneipes</i></u></a>		
Flesh-footed Shearwater, Fleshy-footed Shearwater [82404]		Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u><i>Ardenna grisea</i></u></a>		
Sooty Shearwater [82651]	Vulnerable	Species or species habitat may occur within area
<a href="#"><u><i>Diomedea antipodensis</i></u></a>		
Antipodean Albatross [64458]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area

Scientific Name	Threatened Category	Presence Text
<a href="#"><u>Diomedea epomophora</u></a> Southern Royal Albatross [89221]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u>Diomedea exulans</u></a> Wandering Albatross [89223]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u>Diomedea sanfordi</u></a> Northern Royal Albatross [64456]	Endangered	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u>Macronectes giganteus</u></a> Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area
<a href="#"><u>Macronectes halli</u></a> Northern Giant Petrel [1061]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u>Phoebetria fusca</u></a> Sooty Albatross [1075]	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><u>Sternula albifrons</u></a> Little Tern [82849]	Vulnerable	Species or species habitat may occur within area
<a href="#"><u>Thalassarche bulleri</u></a> Buller's Albatross, Pacific Albatross [64460]	Vulnerable	Species or species habitat may occur within area
<a href="#"><u>Thalassarche carteri</u></a> Indian Yellow-nosed Albatross [64464]	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><u>Thalassarche cauta</u></a> Shy Albatross [89224]	Endangered	Foraging, feeding or related behaviour likely to occur within area

Scientific Name	Threatened Category	Presence Text
<a href="#"><u><i>Thalassarche chrysostoma</i></u></a> Grey-headed Albatross [66491]	Endangered	Species or species habitat may occur within area
<a href="#"><u><i>Thalassarche impavida</i></u></a> Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u><i>Thalassarche melanophris</i></u></a> Black-browed Albatross [66472]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u><i>Thalassarche salvini</i></u></a> Salvin's Albatross [64463]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u><i>Thalassarche steadi</i></u></a> White-capped Albatross [64462]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
<b>Migratory Marine Species</b>		
<a href="#"><u><i>Balaenoptera borealis</i></u></a> Sei Whale [34]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u><i>Balaenoptera musculus</i></u></a> Blue Whale [36]	Endangered	Species or species habitat likely to occur within area
<a href="#"><u><i>Balaenoptera physalus</i></u></a> Fin Whale [37]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u><i>Caperea marginata</i></u></a> Pygmy Right Whale [39]		Foraging, feeding or related behaviour may occur within area
<a href="#"><u><i>Carcharias taurus</i></u></a> Grey Nurse Shark [64469]		Species or species habitat may occur within area

Scientific Name	Threatened Category	Presence Text
<u><a href="#">Carcharodon carcharias</a></u> White Shark, Great White Shark [64470]	Vulnerable	Breeding known to occur within area
<u><a href="#">Caretta caretta</a></u> Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area
<u><a href="#">Chelonia mydas</a></u> Green Turtle [1765]	Vulnerable	Species or species habitat may occur within area
<u><a href="#">Dermochelys coriacea</a></u> Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Foraging, feeding or related behaviour known to occur within area
<u><a href="#">Eubalaena australis as Balaena glacialis australis</a></u> Southern Right Whale [40]	Endangered	Species or species habitat known to occur within area
<u><a href="#">Isurus oxyrinchus</a></u> Shortfin Mako, Mako Shark [79073]		Species or species habitat likely to occur within area
<u><a href="#">Lagenorhynchus obscurus</a></u> Dusky Dolphin [43]		Species or species habitat may occur within area
<u><a href="#">Lamna nasus</a></u> Porbeagle, Mackerel Shark [83288]		Species or species habitat likely to occur within area
<u><a href="#">Megaptera novaeangliae</a></u> Humpback Whale [38]		Species or species habitat known to occur within area
<u><a href="#">Orcinus orca</a></u> Killer Whale, Orca [46]		Species or species habitat likely to occur within area
<u><a href="#">Rhincodon typus</a></u> Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area

Migratory Terrestrial Species

Scientific Name	Threatened Category	Presence Text
<a href="#"><u>Hirundapus caudacutus</u></a> White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area
<a href="#"><u>Motacilla flava</u></a> Yellow Wagtail [644]		Species or species habitat may occur within area
<b>Migratory Wetlands Species</b>		
<a href="#"><u>Actitis hypoleucos</u></a> Common Sandpiper [59309]		Species or species habitat known to occur within area
<a href="#"><u>Arenaria interpres</u></a> Ruddy Turnstone [872]	Vulnerable	Roosting known to occur within area
<a href="#"><u>Calidris acuminata</u></a> Sharp-tailed Sandpiper [874]	Vulnerable	Roosting known to occur within area
<a href="#"><u>Calidris alba</u></a> Sanderling [875]		Roosting known to occur within area
<a href="#"><u>Calidris canutus</u></a> Red Knot, Knot [855]	Vulnerable	Species or species habitat known to occur within area
<a href="#"><u>Calidris ferruginea</u></a> Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area
<a href="#"><u>Calidris melanotos</u></a> Pectoral Sandpiper [858]		Species or species habitat known to occur within area
<a href="#"><u>Calidris pugnax as Philomachus pugnax</u></a> Ruff [91256]		Roosting known to occur within area
<a href="#"><u>Calidris ruficollis</u></a> Red-necked Stint [860]		Roosting known to occur within area
<a href="#"><u>Calidris tenuirostris</u></a> Great Knot [862]	Vulnerable	Roosting known to occur within area

Scientific Name	Threatened Category	Presence Text
<a href="#"><u>Charadrius bicinctus</u></a> Double-banded Plover [895]		Roosting known to occur within area
<a href="#"><u>Charadrius leschenaultii</u></a> Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><u>Charadrius mongolus</u></a> Lesser Sand Plover, Mongolian Plover [879]	Endangered	Roosting known to occur within area
<a href="#"><u>Charadrius veredus</u></a> Oriental Plover, Oriental Dotterel [882]		Species or species habitat known to occur within area
<a href="#"><u>Gallinago hardwickii</u></a> Latham's Snipe, Japanese Snipe [863]	Vulnerable	Species or species habitat known to occur within area
<a href="#"><u>Gallinago megala</u></a> Swinhoe's Snipe [864]		Roosting likely to occur within area
<a href="#"><u>Gallinago stenura</u></a> Pin-tailed Snipe [841]		Roosting likely to occur within area
<a href="#"><u>Limosa lapponica</u></a> Bar-tailed Godwit [844]		Species or species habitat known to occur within area
<a href="#"><u>Limosa limosa</u></a> Black-tailed Godwit [845]	Endangered	Roosting known to occur within area
<a href="#"><u>Numenius madagascariensis</u></a> Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area
<a href="#"><u>Numenius minutus</u></a> Little Curlew, Little Whimbrel [848]		Roosting likely to occur within area
<a href="#"><u>Numenius phaeopus</u></a> Whimbrel [849]		Roosting known to occur within area
<a href="#"><u>Pandion haliaetus</u></a> Osprey [952]		Species or species habitat known to occur within area

Scientific Name	Threatened Category	Presence Text
<a href="#"><u><i>Pluvialis fulva</i></u></a> Pacific Golden Plover [25545]		Roosting known to occur within area
<a href="#"><u><i>Pluvialis squatarola</i></u></a> Grey Plover [865]	Vulnerable	Roosting known to occur within area
<a href="#"><u><i>Tringa brevipes</i></u></a> Grey-tailed Tattler [851]		Roosting known to occur within area
<a href="#"><u><i>Tringa glareola</i></u></a> Wood Sandpiper [829]		Roosting known to occur within area
<a href="#"><u><i>Tringa nebularia</i></u></a> Common Greenshank, Greenshank [832]	Endangered	Species or species habitat known to occur within area
<a href="#"><u><i>Tringa stagnatilis</i></u></a> Marsh Sandpiper, Little Greenshank [833]		Roosting known to occur within area
<a href="#"><u><i>Xenus cinereus</i></u></a> Terek Sandpiper [59300]	Vulnerable	Roosting known to occur within area

## Other Matters Protected by the EPBC Act

Listed Marine Species	[ Resource Information ]	
Scientific Name	Threatened Category	Presence Text
Bird		
<a href="#"><u><i>Actitis hypoleucos</i></u></a> Common Sandpiper [59309]		Species or species habitat known to occur within area
<a href="#"><u><i>Apus pacificus</i></u></a> Fork-tailed Swift [678]		Species or species habitat likely to occur within area overfly marine area
<a href="#"><u><i>Ardenna carneipes</i></u> as <i>Puffinus carneipes</i> Flesh-footed Shearwater, Fleshy-footed Shearwater [82404]</a>		Foraging, feeding or related behaviour likely to occur within area

Scientific Name	Threatened Category	Presence Text
<a href="#"><u><i>Ardenna grisea</i> as <i>Puffinus griseus</i></u></a>		
Sooty Shearwater [82651]	Vulnerable	Species or species habitat may occur within area
<a href="#"><u><i>Arenaria interpres</i></u></a>		
Ruddy Turnstone [872]	Vulnerable	Roosting known to occur within area
<a href="#"><u><i>Bubulcus ibis</i> as <i>Ardea ibis</i></u></a>		
Cattle Egret [66521]		Species or species habitat may occur within area overfly marine area
<a href="#"><u><i>Calidris acuminata</i></u></a>		
Sharp-tailed Sandpiper [874]	Vulnerable	Roosting known to occur within area
<a href="#"><u><i>Calidris alba</i></u></a>		
Sanderling [875]		Roosting known to occur within area
<a href="#"><u><i>Calidris canutus</i></u></a>		
Red Knot, Knot [855]	Vulnerable	Species or species habitat known to occur within area overfly marine area
<a href="#"><u><i>Calidris ferruginea</i></u></a>		
Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area overfly marine area
<a href="#"><u><i>Calidris melanotos</i></u></a>		
Pectoral Sandpiper [858]		Species or species habitat known to occur within area overfly marine area
<a href="#"><u><i>Calidris pugnax</i> as <i>Philomachus pugnax</i></u></a>		
Ruff [91256]		Roosting known to occur within area overfly marine area
<a href="#"><u><i>Calidris ruficollis</i></u></a>		
Red-necked Stint [860]		Roosting known to occur within area overfly marine area
<a href="#"><u><i>Calidris tenuirostris</i></u></a>		
Great Knot [862]	Vulnerable	Roosting known to occur within area overfly marine area

Scientific Name	Threatened Category	Presence Text
<a href="#"><u>Charadrius bicinctus</u></a> Double-banded Plover [895]		Roosting known to occur within area overfly marine area
<a href="#"><u>Charadrius leschenaultii</u></a> Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><u>Charadrius mongolus</u></a> Lesser Sand Plover, Mongolian Plover [879]	Endangered	Roosting known to occur within area
<a href="#"><u>Charadrius ruficapillus</u></a> Red-capped Plover [881]		Roosting known to occur within area overfly marine area
<a href="#"><u>Charadrius veredus</u></a> Oriental Plover, Oriental Dotterel [882]		Species or species habitat known to occur within area overfly marine area
<a href="#"><u>Diomedea antipodensis</u></a> Antipodean Albatross [64458]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u>Diomedea antipodensis gibsoni</u> as <u>Diomedea gibsoni</u> Gibson's Albatross [82270]</a>	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u>Diomedea epomophora</u> Southern Royal Albatross [89221]</a>	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u>Diomedea exulans</u> Wandering Albatross [89223]</a>	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u>Diomedea sanfordi</u> Northern Royal Albatross [64456]</a>	Endangered	Foraging, feeding or related behaviour likely to occur within area

Scientific Name	Threatened Category	Presence Text
<u><a href="#">Gallinago hardwickii</a></u> Latham's Snipe, Japanese Snipe [863]	Vulnerable	Species or species habitat known to occur within area overfly marine area
<u><a href="#">Gallinago megala</a></u> Swinhoe's Snipe [864]		Roosting likely to occur within area overfly marine area
<u><a href="#">Gallinago stenura</a></u> Pin-tailed Snipe [841]		Roosting likely to occur within area overfly marine area
<u><a href="#">Haliaeetus leucogaster</a></u> White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area
<u><a href="#">Halobaena caerulea</a></u> Blue Petrel [1059]	Vulnerable	Species or species habitat may occur within area
<u><a href="#">Himantopus himantopus</a></u> Pied Stilt, Black-winged Stilt [870]		Roosting known to occur within area overfly marine area
<u><a href="#">Hirundapus caudacutus</a></u> White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area overfly marine area
<u><a href="#">Lathamus discolor</a></u> Swift Parrot [744]	Critically Endangered	Species or species habitat known to occur within area overfly marine area
<u><a href="#">Limosa lapponica</a></u> Bar-tailed Godwit [844]		Species or species habitat known to occur within area
<u><a href="#">Limosa limosa</a></u> Black-tailed Godwit [845]	Endangered	Roosting known to occur within area overfly marine area
<u><a href="#">Macronectes giganteus</a></u> Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area

Scientific Name	Threatened Category	Presence Text
<a href="#"><i>Macronectes halli</i></a> Northern Giant Petrel [1061]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><i>Merops ornatus</i></a> Rainbow Bee-eater [670]		Species or species habitat may occur within area overfly marine area
<a href="#"><i>Monarcha melanopsis</i></a> Black-faced Monarch [609]		Species or species habitat may occur within area overfly marine area
<a href="#"><i>Motacilla flava</i></a> Yellow Wagtail [644]		Species or species habitat may occur within area overfly marine area
<a href="#"><i>Myiagra cyanoleuca</i></a> Satin Flycatcher [612]		Species or species habitat likely to occur within area overfly marine area
<a href="#"><i>Neophema chrysogaster</i></a> Orange-bellied Parrot [747]	Critically Endangered	Species or species habitat known to occur within area overfly marine area
<a href="#"><i>Neophema chrysostoma</i></a> Blue-winged Parrot [726]	Vulnerable	Species or species habitat known to occur within area overfly marine 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 overfly marine area
<a href="#"><i>Numenius phaeopus</i></a> Whimbrel [849]		Roosting known to occur within area

Scientific Name	Threatened Category	Presence Text
<a href="#"><u>Pachyptila turtur</u></a> Fairy Prion [1066]		Species or species habitat known to occur within area
<a href="#"><u>Pandion haliaetus</u></a> Osprey [952]		Species or species habitat known to occur within area
<a href="#"><u>Phoebetria fusca</u></a> Sooty Albatross [1075]	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><u>Pluvialis fulva</u></a> Pacific Golden Plover [25545]		Roosting known to occur within area
<a href="#"><u>Pluvialis squatarola</u></a> Grey Plover [865]	Vulnerable	Roosting known to occur within area overfly marine area
<a href="#"><u>Recurvirostra novaehollandiae</u></a> Red-necked Avocet [871]		Roosting known to occur within area overfly marine area
<a href="#"><u>Rhipidura rufifrons</u></a> Rufous Fantail [592]		Species or species habitat likely to occur within area overfly marine area
<a href="#"><u>Rostratula australis</u> as <u>Rostratula benghalensis (sensu lato)</u></a> Australian Painted Snipe [77037]	Endangered	Species or species habitat likely to occur within area overfly marine area
<a href="#"><u>Stercorarius antarcticus</u> as <u>Catharacta skua</u></a> Brown Skua [85039]		Species or species habitat may occur within area
<a href="#"><u>Sterna striata</u></a> White-fronted Tern [799]		Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u>Sternula albifrons</u> as <u>Sterna albifrons</u></a> Little Tern [82849]	Vulnerable	Species or species habitat may occur within area

Scientific Name	Threatened Category	Presence Text
<a href="#"><u>Thalassarche bulleri</u></a> Buller's Albatross, Pacific Albatross [64460]	Vulnerable	Species or species habitat may occur within area
<a href="#"><u>Thalassarche bulleri platei as Thalassarche sp. nov.</u></a> Northern Buller's Albatross, Pacific Albatross [82273]	Vulnerable	Species or species habitat may occur within area
<a href="#"><u>Thalassarche carteri</u></a> Indian Yellow-nosed Albatross [64464]	Vulnerable	Species or species habitat likely to occur within area
<a href="#"><u>Thalassarche cauta</u></a> Shy Albatross [89224]	Endangered	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u>Thalassarche chrysostoma</u></a> Grey-headed Albatross [66491]	Endangered	Species or species habitat may occur within area
<a href="#"><u>Thalassarche impavida</u></a> Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u>Thalassarche melanophrys</u></a> Black-browed Albatross [66472]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u>Thalassarche salvini</u></a> Salvin's Albatross [64463]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u>Thalassarche steadi</u></a> White-capped Albatross [64462]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
<a href="#"><u>Thinornis cucullatus as Thinornis rubricollis</u></a> Hooded Plover, Hooded Dotterel [87735]		Species or species habitat known to occur within area overfly marine area

Scientific Name	Threatened Category	Presence Text
<a href="#"><u><i>Thinornis cucullatus cucullatus</i> as <i>Thinornis rubricollis rubricollis</i></u></a>		
Eastern Hooded Plover, Eastern Hooded Plover [90381]	Vulnerable	Species or species habitat known to occur within area overfly marine area
<a href="#"><u><i>Tringa brevipes</i> as <i>Heteroscelus brevipes</i></u></a>		
Grey-tailed Tattler [851]		Roosting known to occur within area
<a href="#"><u><i>Tringa glareola</i></u></a>		
Wood Sandpiper [829]		Roosting known to occur within area overfly marine area
<a href="#"><u><i>Tringa nebularia</i></u></a>		
Common Greenshank, Greenshank [832]	Endangered	Species or species habitat known to occur within area overfly marine area
<a href="#"><u><i>Tringa stagnatilis</i></u></a>		
Marsh Sandpiper, Little Greenshank [833]		Roosting known to occur within area overfly marine area
<a href="#"><u><i>Xenus cinereus</i></u></a>		
Terek Sandpiper [59300]	Vulnerable	Roosting known to occur within area overfly marine area
<b>Fish</b>		
<a href="#"><u><i>Heraldia nocturna</i></u></a>		
Upside-down Pipefish, Eastern Upside-down Pipefish, Eastern Upside-down Pipefish [66227]		Species or species habitat may occur within area
<a href="#"><u><i>Hippocampus abdominalis</i></u></a>		
Big-belly Seahorse, Eastern Potbelly Seahorse, New Zealand Potbelly Seahorse [66233]		Species or species habitat may occur within area
<a href="#"><u><i>Hippocampus breviceps</i></u></a>		
Short-head Seahorse, Short-snouted Seahorse [66235]		Species or species habitat may occur within area
<a href="#"><u><i>Hippocampus minotaur</i></u></a>		
Bullneck Seahorse [66705]		Species or species habitat may occur within area
<a href="#"><u><i>Histiogamphelus briggsii</i></u></a>		
Crested Pipefish, Briggs' Crested Pipefish, Briggs' Pipefish [66242]		Species or species habitat may occur within area

Scientific Name	Threatened Category	Presence Text
<u><a href="#">Histiogamphelus cristatus</a></u> Rhino Pipefish, Macleay's Crested Pipefish, Ring-back Pipefish [66243]		Species or species habitat may occur within area
<u><a href="#">Hypsognathus rostratus</a></u> Knifsnout Pipefish, Knife-snouted Pipefish [66245]		Species or species habitat may occur within area
<u><a href="#">Kaupus costatus</a></u> Deepbody Pipefish, Deep-bodied Pipefish [66246]		Species or species habitat may occur within area
<u><a href="#">Kimblaeus bassensis</a></u> Trawl Pipefish, Bass Strait Pipefish [66247]		Species or species habitat may occur within area
<u><a href="#">Leptoichthys fistularius</a></u> Brushtail Pipefish [66248]		Species or species habitat may occur within area
<u><a href="#">Lissocampus caudalis</a></u> Australian Smooth Pipefish, Smooth Pipefish [66249]		Species or species habitat may occur within area
<u><a href="#">Lissocampus runa</a></u> Javelin Pipefish [66251]		Species or species habitat may occur within area
<u><a href="#">Maroubra perserrata</a></u> Sawtooth Pipefish [66252]		Species or species habitat may occur within area
<u><a href="#">Mitotichthys semistriatus</a></u> Halfbanded Pipefish [66261]		Species or species habitat may occur within area
<u><a href="#">Mitotichthys tuckeri</a></u> Tucker's Pipefish [66262]		Species or species habitat may occur within area
<u><a href="#">Notiocampus ruber</a></u> Red Pipefish [66265]		Species or species habitat may occur within area

Scientific Name	Threatened Category	Presence Text
<a href="#"><u><i>Phycodurus eques</i></u></a> Leafy Seadragon [66267]		Species or species habitat may occur within area
<a href="#"><u><i>Phyllopteryx taeniolatus</i></u></a> Common Seadragon, Weedy Seadragon [66268]		Species or species habitat may occur within area
<a href="#"><u><i>Pugnaso curtirostris</i></u></a> Pugnose Pipefish, Pug-nosed Pipefish [66269]		Species or species habitat may occur within area
<a href="#"><u><i>Solegnathus robustus</i></u></a> Robust Pipehorse, Robust Spiny Pipehorse [66274]		Species or species habitat may occur within area
<a href="#"><u><i>Solegnathus spinosissimus</i></u></a> Spiny Pipehorse, Australian Spiny Pipehorse [66275]		Species or species habitat may occur within area
<a href="#"><u><i>Stigmatopora argus</i></u></a> Spotted Pipefish, Gulf Pipefish, Peacock Pipefish [66276]		Species or species habitat may occur within area
<a href="#"><u><i>Stigmatopora nigra</i></u></a> Widebody Pipefish, Wide-bodied Pipefish, Black Pipefish [66277]		Species or species habitat may occur within area
<a href="#"><u><i>Stipecampus cristatus</i></u></a> Ringback Pipefish, Ring-backed Pipefish [66278]		Species or species habitat may occur within area
<a href="#"><u><i>Syngnathoides biaculeatus</i></u></a> Double-end Pipehorse, Double-ended Pipehorse, Alligator Pipefish [66279]		Species or species habitat may occur within area
<a href="#"><u><i>Urocampus carinirostris</i></u></a> Hairy Pipefish [66282]		Species or species habitat may occur within area
<a href="#"><u><i>Vanacampus margaritifer</i></u></a> Mother-of-pearl Pipefish [66283]		Species or species habitat may occur within area

Scientific Name	Threatened Category	Presence Text
<a href="#"><u><i>Vanacampus phillipi</i></u></a> Port Phillip Pipefish [66284]		Species or species habitat may occur within area
<a href="#"><u><i>Vanacampus poecilolaemus</i></u></a> Longsnout Pipefish, Australian Long-snout Pipefish, Long-snouted Pipefish [66285]		Species or species habitat may occur within area
<b>Mammal</b>		
<a href="#"><u><i>Arctocephalus forsteri</i></u></a> Long-nosed Fur-seal, New Zealand Fur-seal [20]		Species or species habitat may occur within area
<a href="#"><u><i>Arctocephalus pusillus</i></u></a> Australian Fur-seal, Australo-African Fur-seal [21]		Species or species habitat may occur within area
<b>Reptile</b>		
<a href="#"><u><i>Caretta caretta</i></u></a> Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area
<a href="#"><u><i>Chelonia mydas</i></u></a> Green Turtle [1765]	Vulnerable	Species or species habitat may occur within area
<a href="#"><u><i>Dermochelys coriacea</i></u></a> Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Foraging, feeding or related behaviour known to occur within area
<b>Whales and Other Cetaceans</b>		<a href="#"><u>[ Resource Information ]</u></a>
Current Scientific Name	Status	Type of Presence
<b>Mammal</b>		
<a href="#"><u><i>Balaenoptera acutorostrata</i></u></a> Minke Whale [33]		Species or species habitat may occur within area
<a href="#"><u><i>Balaenoptera borealis</i></u></a> Sei Whale [34]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u><i>Balaenoptera musculus</i></u></a> Blue Whale [36]	Endangered	Species or species habitat likely to occur within area

Current Scientific Name	Status	Type of Presence
<a href="#"><u><i>Balaenoptera physalus</i></u></a> Fin Whale [37]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
<a href="#"><u><i>Caperea marginata</i></u></a> Pygmy Right Whale [39]		Foraging, feeding or related behaviour may occur within area
<a href="#"><u><i>Delphinus delphis</i></u></a> Common Dolphin, Short-beaked Common Dolphin [60]		Species or species habitat may occur within area
<a href="#"><u><i>Eubalaena australis</i></u></a> Southern Right Whale [40]	Endangered	Species or species habitat known to occur within area
<a href="#"><u><i>Grampus griseus</i></u></a> Risso's Dolphin, Grampus [64]		Species or species habitat may occur within area
<a href="#"><u><i>Lagenorhynchus obscurus</i></u></a> Dusky Dolphin [43]		Species or species habitat may occur within area
<a href="#"><u><i>Megaptera novaeangliae</i></u></a> Humpback Whale [38]		Species or species habitat known to occur within area
<a href="#"><u><i>Orcinus orca</i></u></a> Killer Whale, Orca [46]		Species or species habitat likely to occur within area
<a href="#"><u><i>Pseudorca crassidens</i></u></a> False Killer Whale [48]		Species or species habitat likely to occur within area
<a href="#"><u><i>Tursiops aduncus</i></u></a> Indian Ocean Bottlenose Dolphin, Spotted Bottlenose Dolphin [68418]		Species or species habitat likely to occur within area
<a href="#"><u><i>Tursiops truncatus s. str.</i></u></a> Bottlenose Dolphin [68417]		Species or species habitat may occur within area

## Extra Information

State and Territory Reserves			[ Resource Information ]
Protected Area Name	Reserve Type	State	
Gippsland Lakes Coastal Park	Conservation Park	VIC	
Jack Smith Lake W.R	Natural Features Reserve	VIC	
Lake Denison W.R	Natural Features Reserve	VIC	
Ninety Mile Beach	Marine National Park	VIC	
Nooramunga Marine & Coastal Park	National Parks Act Schedule 4 park or reserve	VIC	
NOORAMUNGA STATE FAUNAL RESERVE	Nature Conservation Reserve	VIC	

Regional Forest Agreements	[ Resource Information ]
Note that all areas with completed RFAs have been included. Please see the associated resource information for specific caveats and use limitations associated with RFA boundary information.	

RFA Name	State
<a href="#">Gippsland RFA</a>	Victoria

Nationally Important Wetlands	[ Resource Information ]
Wetland Name	State
<a href="#">Corner Inlet</a>	VIC
<a href="#">Jack Smith Lake State Game Reserve</a>	VIC

EPBC Act Referrals	[ Resource Information ]		
Title of referral	Reference	Referral Outcome	Assessment Status
<a href="#">Aurora Green Offshore Wind Farm Preliminary Surveys</a>	2024/09968	Completed	

Title of referral	Reference	Referral Outcome	Assessment Status
<a href="#">Blue Mackerel North Offshore Wind Farm Marine Surveys</a>	2024/09934	Completed	
<a href="#">Blue Marlin Offshore Wind Energy Project</a>	2023/09532	Completed	
<a href="#">Gippsland Dawn Offshore Wind Project Geophysical and Geotechnical Investigations</a>	2024/10030	Referral Decision	
<a href="#">Gippsland Offshore Wind Farm Marine Survey Investigations</a>	2023/09682	Completed	
<a href="#">Gippsland Skies Offshore Wind Project marine surveys (investigations)</a>	2024/09991	Referral Decision	
<a href="#">Greater Gippsland Offshore Wind Project</a>	2022/09379	Assessment	
<a href="#">Greater Gippsland Offshore Wind Project Initial Marine Field Investigations</a>	2022/09374	Completed	
<a href="#">Navigator North Offshore Wind Farm ? Early Marine Survey Investigations</a>	2024/10093	Referral Decision	
<a href="#">Preliminary Site Investigations for Great Eastern Offshore Wind Project</a>	2024/09890	Referral Decision	
<a href="#">Seadragon Offshore Wind, Early Marine Surveys</a>	2023/09670	Completed	
<a href="#">Seadragon Offshore Wind Farm</a>	2022/9163	Completed	
<a href="#">South East Australia Carbon Capture and Storage Project, Commonwealth waters</a>	2023/09732	Completed	
<b>Controlled action</b>			
<a href="#">Golden Beach Gas Project</a>	2019/8513	Controlled Action	Post-Approval
<a href="#">Star of the South Offshore Wind Farm Project</a>	2020/8650	Controlled Action	Guidelines Issued
<b>Not controlled action</b>			
<a href="#">2004/2005 drilling program for exploration and production (VIC 01-06, 09-11, 16, 18 &amp; 19 and VIC/RL</a>	2003/1282	Not Controlled Action	Completed
<a href="#">Development of Turrum Oil Field and associated infrastructure</a>	2003/1204	Not Controlled Action	Completed

Title of referral	Reference	Referral Outcome	Assessment Status
Not controlled action			
<a href="#">Gippsland Basin Seismic Programme</a>	2004/1866	Not Controlled Action	Completed
<a href="#">Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia</a>	2015/7522	Not Controlled Action	Completed
<a href="#">INDIGO Central Submarine Telecommunications Cable</a>	2017/8127	Not Controlled Action	Completed
<a href="#">West Triton Drilling Program - Gippsland Basin</a>	2007/3915	Not Controlled Action	Completed
Not controlled action (particular manner)			
<a href="#">Apache 3D seismic exploration survey</a>	2006/3146	Not Controlled Action (Particular Manner)	Post-Approval
<a href="#">Bream 3D seismic survey</a>	2006/2556	Not Controlled Action (Particular Manner)	Post-Approval
<a href="#">Gas Pipeline</a>	2000/20	Not Controlled Action (Particular Manner)	Post-Approval
<a href="#">Gippsland 2D Marine Seismic Survey - VIC/P-63, VIC/P-64 and T/46P</a>	2009/5241	Not Controlled Action (Particular Manner)	Post-Approval
<a href="#">Golden Beach gas field development</a>	2003/1031	Not Controlled Action (Particular Manner)	Post-Approval
<a href="#">INDIGO Marine Cable Route Survey (INDIGO)</a>	2017/7996	Not Controlled Action (Particular Manner)	Post-Approval
<a href="#">Northern Fields 3D Seismic Survey</a>	2001/140	Not Controlled Action (Particular Manner)	Post-Approval
<a href="#">Pelican 3D Marine Seismic Survey, Gippsland Basin, Vic</a>	2017/8097	Not Controlled Action (Particular Manner)	Post-Approval
<a href="#">Seismic Survey</a>	2001/206	Not Controlled Action (Particular Manner)	Post-Approval

Title of referral	Reference	Referral Outcome	Assessment Status
Not controlled action (particular manner)			
<a href="#">Soil and Organic Recycling Facility</a>	2005/2216	Not Controlled Action (Particular Manner)	Post-Approval
<a href="#">Southern Flanks 2D Marine Seismic Survey</a>	2010/5288	Not Controlled Action (Particular Manner)	Post-Approval

Biologically Important Areas		[ Resource Information ]	
Scientific Name	Behaviour	Presence	
Seabirds			
<a href="#">Ardenna tenuirostris</a>			
Short-tailed Shearwater [82652]	Foraging	Known to occur	
<a href="#">Diomedea exulans (sensu lato)</a>			
Wandering Albatross [1073]	Foraging	Known to occur	
<a href="#">Pelagodroma marina</a>			
White-faced Storm-petrel [1016]	Foraging	Known to occur	
<a href="#">Pelecanoides urinatrix</a>			
Common Diving-petrel [1018]	Foraging	Known to occur	
<a href="#">Thalassarche bulleri</a>			
Bullers Albatross [64460]	Foraging	Known to occur	
<a href="#">Thalassarche cauta cauta</a>			
Shy Albatross [82345]	Foraging likely	Likely to occur	
<a href="#">Thalassarche chlororhynchos bassi</a>			
Indian Yellow-nosed Albatross [85249]	Foraging	Known to occur	
<a href="#">Thalassarche melanophrys</a>			
Black-browed Albatross [66472]	Foraging	Known to occur	
<a href="#">Thalassarche melanophrys impavida</a>			
Campbell Albatross [82449]	Foraging	Known to occur	
Sharks			
<a href="#">Carcharodon carcharias</a>			
White Shark [64470]	Breeding (nursery area)	Known to occur	

Scientific Name	Behaviour	Presence
Whales		
<u><a href="#">Balaenoptera musculus brevicauda</a></u>		
Pygmy Blue Whale [81317]	Foraging	Likely to be present

Bioregional Assessments	[ <a href="#">Resource Information</a> ]	
SubRegion	BioRegion	Website
Gippsland	Gippsland Basin	<a href="#">BA website</a>

# Caveat

## 1 PURPOSE

This report is designed to assist in identifying the location of matters of national environmental significance (MNES) and other matters protected by the Environment Protection and Biodiversity Conservation Act 1999 (Cth) (EPBC Act) which may be relevant in determining obligations and requirements under the EPBC Act.

The report contains the mapped locations of:

- World and National Heritage properties;
- Wetlands of International and National Importance;
- Commonwealth and State/Territory reserves;
- distribution of listed threatened, migratory and marine species;
- listed threatened ecological communities; and
- other information that may be useful as an indicator of potential habitat value.

## 2 DISCLAIMER

This report is not intended to be exhaustive and should only be relied upon as a general guide as mapped data is not available for all species or ecological communities listed under the EPBC Act (see below). Persons seeking to use the information contained in this report to inform the referral of a proposed action under the EPBC Act should consider the limitations noted below and whether additional information is required to determine the existence and location of MNES and other protected matters.

Where data is available to inform the mapping of protected species, the presence type (e.g. known, likely or may occur) that can be determined from the data is indicated in general terms. It is the responsibility of any person using or relying on the information in this report to ensure that it is suitable for the circumstances of any proposed use. The Commonwealth cannot accept responsibility for the consequences of any use of the report or any part thereof. To the maximum extent allowed under governing law, the Commonwealth will not be liable for any loss or damage that may be occasioned directly or indirectly through the use of, or reliance on the contents of this report.

## 3 DATA SOURCES

### Threatened ecological communities

For threatened ecological communities where the distribution is well known, maps are generated based on information contained in recovery plans, State vegetation maps and 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

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

Where little information is available for a 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 detailed distribution mapping methods are used to update these distributions when time permits.

## 4 LIMITATIONS

The following species and ecological communities have not been mapped and do not appear in this report:

- threatened species listed as extinct or considered vagrants;
- some recently listed species and ecological communities;
- some listed migratory and listed marine species, which are not listed as threatened species; and
- migratory species that are very widespread, vagrant, or only occur in Australia in small numbers.

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

- listed migratory and/or listed marine seabirds, which are not listed as threatened, have only been mapped for recorded breeding sites; and
- seals which have only been mapped for breeding sites near the Australian continent

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

Refer to the metadata for the feature group (using the Resource Information link) for the currency of the information.

# Acknowledgements

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.

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# **Appendix B**

## **Victorian Biodiversity Atlas Search Results**

## VBA Search Flora Results

Legend	SITE_ID	TAXON_ID	SCI_NAME	COMM_NAME	AUTHORITY	SURVEYTYPE	RELIABILITY	TOTALCOUNT	COVERABUND	STARTDATE	LOCN_DESC	FFG_DESC	EPBC_DESC	FIRE_RESP	VIC_LF	NVIS_GF	LONG_DD94	LAT_DD94	ECOLOGY
FFG Listed	38013	501888	<i>Lawrenzia spicata</i>	Salt Lawrenzia	Hook.	Specimen	Acceptable	1	+	1986-06-14 0:00:00	1549478A Centre about 2 km ESE of MCLOUGHLINS BEACH	Endangered	Large herb	Forb	146.91797	-38.61514			
FFG Listed	38001	500345	<i>Avicennia marina</i> subsp. <i>australisica</i>	Grey Mangrove	(Walp.) J. Everett	Specimen	Acceptable	1	+	1986-06-14 0:00:00	1549454A Centre about 2 km ESE of MCLOUGHLINS BEACH	Endangered	Medium shrub	Shrub	146.91797	-38.61514			
FFG Listed	47728	501361	<i>Poa billardierei</i>	Coast Fescue	(Spreng.) St.-Yves	Specimen	Acceptable	1	+	1989-10-01 0:00:00	1589491A Centre about 4 km S of MANNS BEACH	Endangered	Medium to small tufted graminoid	Tussock grass	146.78464	-38.68181			
FFG Listed	102149	504223	<i>Lachnagrostis robusta</i>	Salt Blown-grass	(Vickey) S.W.L. Jacobs	Specimen	Acceptable	1	+	1998-12-17 0:00:00	2133135A Centre about 1 km ENE of THE HONEYSUCKLES	Endangered	Medium to small tufted graminoid	Tussock grass	147.23018	-38.35125			
FFG Listed	38002	504717	<i>Pomaderris apetala</i> subsp. <i>maritima</i>	Tasman Pomaderris	N.G. Walsh & Coates	Specimen	Acceptable	1	+	1986-06-14 0:00:00	1549455A Centre about 2 km ESE of MCLOUGHLINS BEACH	Endangered	Medium shrub	Shrub	146.91797	-38.61514	Forest dependent		

## VBA Search Fauna Results

SITE_ID	TAXON_ID	SCI_NAME	COMM_NAME	SURVEYTYPE	RECORDTYPE	RELIABILITY	TOTALCOUNT	COUNT_ACC	START_YEAR	LOCN_DESC	FFG_DESC	EPBC_DESC	TREATY	TAXON_TYPE	LONG_DD94	LAT_DD94	ECOLOGY
575587	10081	Thalassarche carteri	Indian Yellow-nosed Albatross	Birds Australia incidental search	Observation	Acceptable	Present not counted	2000 Bass Strait 50km S of Seaspray	Endangered	Vulnerable	BONNA2S		Marine birds	147.2067	-38.79873	Coastal species	
512905	11561	Eubalaena australis	Southern Right Whale	General observations	Pers. Comm.	Acceptable	2 Accurate	1991 Seaspray	Endangered	Endangered	BONNA1		Mammals	147.19649	-38.37791	Coastal species	
1203811	10226	Haliaetus leucogaster	White-bellied Sea-Eagle	Incidental	Seen	Acceptable	1 Accurate	2018 Woodside Beach VIC 3874 Woodside Beach, Endangered	Critically Endangered	Vulnerable		Other Non-passerine birds	146.98059	-38.55246	Coastal species. Forest d		
1203811	10118	Sternula nereis	Fairy Tern	Incidental	Seen	Acceptable	4 Accurate	2018 Woodside Beach VIC 3874 Woodside Beach, Endangered	Vulnerable			Waders	146.98059	-38.55246	Coastal species		
575588	10937	Macronectes halli	Northern Giant-Petrel	Birds Australia incidental search	Observation	Acceptable	Present not counted	2000 Bass Strait	Endangered	Vulnerable	BONNA2S		Marine birds	147.212182	-38.79693	Coastal species	
575587	10091	Thalassarche cauta	Shy Albatross	Birds Australia incidental search	Observation	Acceptable	Present not counted	2000 Bass Strait 50km S of Seaspray	Endangered	Endangered	BONNA2S		Marine birds	147.22067	-38.79873	Coastal species	
1203811	10112	Hydroprogne caspia	Caspian Tern	Bird transect	Seen	Acceptable	Present not counted	2019 Woodside Beach VIC 3874 Woodside Beach, Vulnerable		JAMBA		Waders	146.98059	-38.55246	Coastal species		
510074	12013	Dermochelys coriacea	Leatherback Turtle	General observations	Observation	Acceptable	1 Accurate	1991 20k.S of Omega Tower at Woodside E. of W/ Critically Endangered	Endangered		BONNA1	Reptiles	146.98461	-38.73405	Coastal species		
512961	11546	Mirounga leonina	Southern Elephant Seal	General observations	Seen	Acceptable	1 Accurate	1992 Flamingo Beach		Vulnerable		Mammals	147.30489	-38.29206	Coastal species		
575588	10091	Thalassarche cauta	Shy Albatross	Birds Australia incidental search	Observation	Acceptable	Present not counted	2000 Bass Strait	Endangered	Endangered	BONNA2S		Marine birds	147.212182	-38.79693	Coastal species	
652898	10118	Sternula nereis	Fairy Tern	General observations	Monitored species	Acceptable	Present not counted	2010 Corner Inlet Dream Island	Critically Endangered	Vulnerable		Waders	146.83631	-38.67722	Coastal species		
575006	10138	Thinornis cucullatus	Hooded Plover	Birds Australia 500m area search	Observation	Acceptable	Present not counted	1999 Box Bank 8km E of Manns Beach	Vulnerable	Vulnerable		Waders	146.85244	-38.66457	Coastal species		
652898	10118	Sternula nereis	Fairy Tern	General observations	Seen	Acceptable	25 Estimate (single value)	1979 Corner Inlet Dream Island	Critically Endangered	Vulnerable		Waders	146.83631	-38.67722	Coastal species		
575006	10226	Haliaetus leucogaster	White-bellied Sea-Eagle	Birds Australia 500m area search	Observation	Acceptable	Present not counted	1999 Box Bank 8km E of Manns Beach	Endangered			Other Non-passerine birds	146.85244	-38.66457	Coastal species. Forest d		
1203811	10112	Hydroprogne caspia	Caspian Tern	Incidental	Seen	Acceptable	1 Accurate	2019 Woodside Beach VIC 3874 Woodside Beach, Vulnerable		JAMBA		Waders	146.98059	-38.55246	Coastal species		
1307195	10138	Thinornis cucullatus	Hooded Plover	Bird count	Observation	Acceptable	1 Accurate	2018 Dream Island Dream Island	Vulnerable	Vulnerable		Waders	146.8419	-38.6733	Coastal species		
1088023	11561	Eubalaena australis	Southern Right Whale	Southern Right Whale Monitoring	Seen	Acceptable	1 Accurate	2017 Woodside Woodsides	Endangered	Endangered	BONNA1		Mammals	146.985	-38.559	Coastal species	
1203811	10112	Hydroprogne caspia	Caspian Tern	Incidental	Seen	Acceptable	2 Accurate	2018 Woodside Beach VIC 3874 Woodside Beach, Vulnerable		JAMBA		Waders	146.98059	-38.55246	Coastal species		
1203811	10112	Hydroprogne caspia	Caspian Tern	Incidental	Seen	Acceptable	Present not counted	2019 Woodside Beach VIC 3874 Woodside Beach, Vulnerable		JAMBA		Waders	146.98059	-38.55246	Coastal species		
575588	10088	Thalassarche melanophris	Black-browed Albatross	Birds Australia incidental search	Observation	Acceptable	Present not counted	2000 Bass Strait 50km S of Seaspray	Vulnerable		BONNA2S	Marine birds	147.212182	-38.79693	Coastal species		
575588	10089	Thalassarche carteri	Indian Yellow-nosed Albatross	Birds Australia incidental search	Observation	Acceptable	Present not counted	2000 Bass Strait	Endangered	Vulnerable	BONNA2S	Marine birds	147.22067	-38.79873	Coastal species		
1203811	10112	Hydroprogne caspia	Caspian Tern	Bird transect	Seen	Acceptable	1 Accurate	2018 Woodside Beach VIC 3874 Woodside Beach, Vulnerable		JAMBA		Waders	146.83631	-38.67722	Coastal species		
512858	10185	Egretta garzetta	Little Egret	General observations	Seen	Acceptable	6 Accurate	2013 Corner Inlet Dream Island	Critically Endangered	Vulnerable		Other Non-passerine birds	147.09129	-38.47808	Coastal species. Forest d		
575006	10153	Limosa lapponica	Bar-tailed Godwit	Birds Australia 500m area search	Observation	Acceptable	Present not counted	1999 Box Bank 8km E of Manns Beach	Vulnerable	Endangered	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	146.85244	-38.66457	Coastal species		
512858	10217	Biziura lobata	Musk Duck	General observations	Seen	Acceptable	10 Accurate	2002 Jack Smith Lake	Vulnerable			Other Non-passerine birds	147.09129	-38.47808			
1682361	11575	Megaptera novaehollandiae	Southern Humpback Whale	Southern Right Whale Monitoring	Seen	Acceptable	1 Accurate	2020 Dream Island Beach 500m off Dream Island	Critically Endangered		BONNA1		Mammals	146.8673	-38.6578	Coastal species	
652898	10118	Sternula nereis	Fairy Tern	General observations	Monitored species	Acceptable	Present not counted	2005 Corner Inlet Dream Island	Critically Endangered	Vulnerable		Waders	146.83631	-38.67722	Coastal species		
512986	11561	Eubalaena australis	Southern Right Whale	General observations	Pers. Comm.	Acceptable	2 Accurate	1991 N of pipeline jetty: Dutton Downs	Endangered	Endangered	BONNA1		Mammals	147.37892	-38.23327	Coastal species	
427046	10164	Calidris canutus	Red Knot	Incidental	Observation	Acceptable	Present not counted	1981 THE HONEYSUCKLES	Endangered	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species		
427046	10185	Egretta garzetta	Little Egret	Incidental	Observation	Acceptable	Present not counted	1980 THE HONEYSUCKLES	Endangered			Other Non-passerine birds	147.2513	-38.41514	Coastal species. Forest d		
434563	10163	Calidris acuminata	Sharp-tailed Sandpiper	Incidental	Observation	Acceptable	Present not counted	1972 10' BLOCK CONTAINING THE HONEYSUCKLES	Vulnerable		BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.33463	-38.49847			
532000	11455	Pseudomys novaehollandiae	New Holland Mouse	Cage trap	Museum specimen	Confirmed	1 Accurate	1977 4KM SSW OF MCLOUGHLINS BEACH	Endangered	Vulnerable		Mammals	146.85964	-38.65681	Forest dependent		
427047	10164	Calidris canutus	Red Knot	Incidental	Observation	Acceptable	Present not counted	1977 THE HONEYSUCKLES	Endangered	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.20963	-38.37347	Coastal species		
427048	10129	Arenaria interpres	Ruddy Turnstone	Incidental	Observation	Acceptable	Present not counted	1977 JACK SMITHS LAKE	Endangered	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.04297	-38.54014	Coastal species		
473556	10138	Thinornis cucullatus	Hooded Plover	Incidental	Observation	Acceptable	1 Accurate	2002 90 Mile Beach Rotamah Island to Seaspra	Vulnerable	Vulnerable		Waders	147.41796	-38.24847	Coastal species		
427046	10136	Pluvialis squatarola	Grey Plover	Incidental	Observation	Acceptable	Present not counted	1981 THE HONEYSUCKLES	Vulnerable	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species		
841578	11561	Eubalaena australis	Southern Right Whale	Southern Right Whale Monitoring	Seen	Acceptable	3 Accurate	2020 Seaspray Seaspray	Endangered	Endangered	BONNA1		Mammals	147.19649	-38.37791	Coastal species	
607905	10138	Thinornis cucullatus	Hooded Plover	General observations	Seen	Acceptable	2 Accurate	2007 THE BLUE HOLE, JACK SMITHS LAKE STATE GA	Vulnerable	Vulnerable		Waders	147.3205	-38.27742	Coastal species		
1557151	11617	Tursiops australis	Burrunan Dolphin	Incidental	Seen	Acceptable	1 Accurate	2003 Thomson River, Sale Thomson River, Sale	Critically Endangered			Mammals	147.33463	-38.49847	Coastal species		
434563	10118	Sternula nereis	Fairy Tern	Incidental	Observation with supporting evidence	Confirmed	Present not counted	1972 10' BLOCK CONTAINING THE HONEYSUCKLE!	Critically Endangered	Vulnerable		Waders	147.19649	-38.37791	Coastal species		
427046	10163	Calidris acuminata	Sharp-tailed Sandpiper	Incidental	Observation	Acceptable	Present not counted	1981 THE HONEYSUCKLES	Endangered	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species		
434563	10226	Haliaetus leucogaster	White-bellied Sea-Eagle	Incidental	Observation	Acceptable	Present not counted	1972 10' BLOCK CONTAINING THE HONEYSUCKLE!	Critically Endangered	Vulnerable		Other Non-passerine birds	147.33463	-38.49847	Coastal species. Forest d		
468151	10305	Neopheoma chrysogaster	Orange-bellied Parrot	General observations	Museum specimen	Confirmed	1 Accurate	1952 10' BLOCK CONTAINING MCLOUGHLINS BEA	Critically Endangered	Critically Endangered		Other Non-passerine birds	146.91797	-38.66514	Coastal species		
427046	10161	Calidris ferruginea	Curlew Sandpiper	Incidental	Observation	Acceptable	Present not counted	1977 THE HONEYSUCKLES	Critically Endangered	Critically Endangered	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species		
841578	11561	Eubalaena australis	Southern Right Whale	Southern Right Whale Monitoring	Seen	Acceptable	1 Accurate	2021 Seaspray Seaspray	Endangered	Endangered	BONNA1		Mammals	147.19649	-38.37791	Coastal species	
473556	10138	Thinornis cucullatus	Hooded Plover	Incidental	Observation	Acceptable	2 Accurate	200									

434563	10112 <i>Hydroprogne caspia</i>	Caspian Tern	Incidental	Observation	Acceptable	Present not counted	1972 10' BLOCK CONTAINING THE HONEYSUCKLE!	Vulnerable	JAMBA	Waders	147.33463	-38.49847	Coastal species	
427037	10112 <i>Hydroprogne caspia</i>	Caspian Tern	Incidental	Observation	Acceptable	Present not counted	1980 GOLDEN BEACH	Vulnerable	JAMBA	Waders	147.41796	-38.24847	Coastal species	
427046	10164 <i>Calidris canutus</i>	Red Knot	Incidental	Observation	Acceptable	Present not counted	1981 THE HONEYSUCKLES	Endangered	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species
427046	10226 <i>Haliaeetus leucogaster</i>	White-bellied Sea-Eagle	Incidental	Observation	Acceptable	Present not counted	1980 THE HONEYSUCKLES	Endangered		Other Non-passerine birds	147.2513	-38.41514	Coastal species. Forest d	
540627	11455 <i>Pseudomys novaehollandiae</i>	New Holland Mouse	Incidental	Museum specimen	Acceptable	Present not counted	1977 MANN'S CHANNEL	Endangered	Vulnerable	Mammals	146.85131	-38.68181	Forest dependent	
473819	13207 <i>Litoria raniformis</i>	Growling Grass Frog	Incidental	Literature	Acceptable	Present not counted	1788 THE HONEYSUCKLES	Vulnerable		Amphibians	147.20963	-38.37347		
422093	4874 <i>Macquaria australasica</i>	Macquarie Perch	Unknown		Acceptable	Present not counted	1926 Not Supplied	Endangered		Fish	147.04297	-38.54014	Forest dependent	
427047	10163 <i>Calidris acuminata</i>	Sharp-tailed Sandpiper	Incidental	Observation	Acceptable	Present not counted	1977 THE HONEYSUCKLES	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.20963	-38.37347		
427046	10168 <i>Gallinago hardwickii</i>	Latham's Snipe	Incidental	Observation	Acceptable	Present not counted	1980 THE HONEYSUCKLES	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Other Non-passerine birds	147.2513	-38.41514	Coastal species	
434563	10070 <i>Ardenna grisea</i>	Sooty Shearwater	Incidental	Observation with supporting evidence	Confirmed	Present not counted	1972 10' BLOCK CONTAINING THE HONEYSUCKLES	Vulnerable	JAMBA	Marine birds	147.33463	-38.49847		
528798	11455 <i>Pseudomys novaehollandiae</i>	New Holland Mouse	General observations	Observation	Confirmed	15 Accurate	1977 8.5 KM SW	Endangered	Vulnerable	Mammals	146.89297	-38.64014	Forest dependent	
426998	10129 <i>Arenaria interpres</i>	Ruddy Turnstone	Incidental	Observation	Acceptable	Present not counted	1977 BLIND INLET	Endangered	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	146.87631	-38.70681	Coastal species
841578	11561 <i>Eubalaena australis</i>	Southern Right Whale	Southern Right Whale Monitoring	Seen	Acceptable	2 Accurate	2017 Seaspray Seaspray	Endangered	Endangered	BONNA1	Mammals	147.19649	-38.37791	Coastal species
434567	10974 <i>Diomedea epomophora</i>	Southern Royal Albatross	Incidental	Observation	Acceptable	Present not counted	1974 SEASPRAY	Critically Endangered	Vulnerable	Marine birds	147.26796	-38.46514	Coastal species	
426998	10163 <i>Calidris acuminata</i>	Sharp-tailed Sandpiper	Incidental	Observation	Acceptable	Present not counted	1977 BLIND INLET	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	146.87631	-38.70681		
427046	10163 <i>Calidris acuminata</i>	Sharp-tailed Sandpiper	Incidental	Observation	Acceptable	Present not counted	1980 THE HONEYSUCKLES	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514		
427046	10161 <i>Calidris ferruginea</i>	Curlew Sandpiper	Incidental	Observation	Acceptable	Present not counted	1980 THE HONEYSUCKLES	Critically Endangered	Critically Endangered	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species
427046	10163 <i>Calidris acuminata</i>	Sharp-tailed Sandpiper	Incidental	Observation	Acceptable	Present not counted	1981 THE HONEYSUCKLES	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514		
1303371	11561 <i>Eubalaena australis</i>	Southern Right Whale	General observations	Seen	Acceptable	3 Accurate	2020 Seaspray Seaspray - South Gippsland	Endangered	Endangered	BONNA1	Mammals	147.2006	-38.3824	Coastal species
426998	10165 <i>Calidris tenuirostris</i>	Great Knot	Incidental	Observation	Acceptable	Present not counted	1977 BLIND INLET	Critically Endangered	Vulnerable	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	146.87631	-38.70681	Coastal species
427037	10504 <i>Pyrrholaemus sagittatus</i>	Speckled Warbler	Incidental	Observation	Acceptable	Present not counted	1978 GOLDEN BEACH	Endangered		Passerine birds	147.41796	-38.24847	Forest dependent	
427046	10161 <i>Calidris ferruginea</i>	Curlew Sandpiper	Incidental	Observation	Acceptable	Present not counted	1981 THE HONEYSUCKLES	Critically Endangered	Critically Endangered	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species
426998	10139 <i>Charadrius mongolus</i>	Lesser Sand Plover	Incidental	Observation	Acceptable	Present not counted	1977 BLIND INLET	Endangered	Endangered	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	146.87631	-38.70681	Coastal species
427047	10161 <i>Calidris ferruginea</i>	Curlew Sandpiper	Incidental	Observation	Acceptable	Present not counted	1977 THE HONEYSUCKLES	Critically Endangered	Critically Endangered	BONNA2H,CAMBA,JAMBA,ROKAMBA	Waders	147.20963	-38.37347	Coastal species
434565	10070 <i>Ardenna grisea</i>	Sooty Shearwater	Incidental	Observation	Acceptable	Present not counted	1955 5' BLOCK CONTAINING THE HONEYSUCKLES	Vulnerable	Vulnerable	JAMBA	Marine birds	147.2263	-38.42347	
427047	10212 <i>Spatula rhynchos</i>	Australasian Shoveler	Incidental	Observation	Acceptable	Present not counted	1977 THE HONEYSUCKLES	Vulnerable		Other Non-passerine birds	147.20963	-38.37347	Coastal species	
427048	10212 <i>Spatula rhynchos</i>	Australasian Shoveler	Incidental	Observation	Acceptable	Present not counted	1977 JACK SMITH'S LAKE	Vulnerable		Other Non-passerine birds	147.04297	-38.54014	Coastal species	
427046	10117 <i>Sternula albifrons</i>	Little Tern	Incidental	Observation	Acceptable	Present not counted	1980 THE HONEYSUCKLES	Critically Endangered	Vulnerable	BONNA2S,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species
427046	10117 <i>Sternula albifrons</i>	Little Tern	Incidental	Observation	Acceptable	Present not counted	1981 THE HONEYSUCKLES	Critically Endangered	Vulnerable	BONNA2S,CAMBA,JAMBA,ROKAMBA	Waders	147.2513	-38.41514	Coastal species

# **Appendix C**

## **Victorian FeAST Assessment**

# FeAST Assessment

## Blue Mackerel - Preliminary Marine Assessment

The Feature Act v ty Sens t v ty Too (FeAST) provides a rapid first pass environmental risk assessment for proposed activities (development, use or works) in Victoria's marine and coastal environments. FeAST assesses whether the preliminary screening of risk and does not replace the need for more detailed environmental or ecological assessments.

FeAST uses the best available information from [CoastKit](#) to perform a desktop based assessment. The tool evaluates the proposal's potential environmental impacts on marine and coastal habitats and provides detailed lists of nearby features for further investigation. The report has five sections:

- Pressure score:** This first step identifies the pressures likely to arise from the selected activities and evaluates the intensity. The Pressure score indicates the potential effect that each activity may have on the ecosystem under normal conditions.
- Habitat score:** This is the second step in calculating the overall FeAST score. This score provides a total sensitivity value for each habitat type within the defined project area for pressures within a medium or high Pressure score. The sensitivity is a measure of the habitat's response to the activities in terms of its ability to resist or recover from impact.
- FeAST score:** This final score provides overall risks for the proposal, evaluating the Habitat scores and Pressure scores against the estimated exposure levels. The exposure levels are determined by calculating the spatial overlap of the defined project area with the habitat's known distribution.
- Marine Biodiversity Values (MBV):** This analysis indicates how much of the proposal intersects with high biodiversity areas and lists the associated species likely to occur.
- Proximity analysis:** This provides tables of the key marine and coastal features located directly within the defined project area or within a 2km buffer from the project boundary.

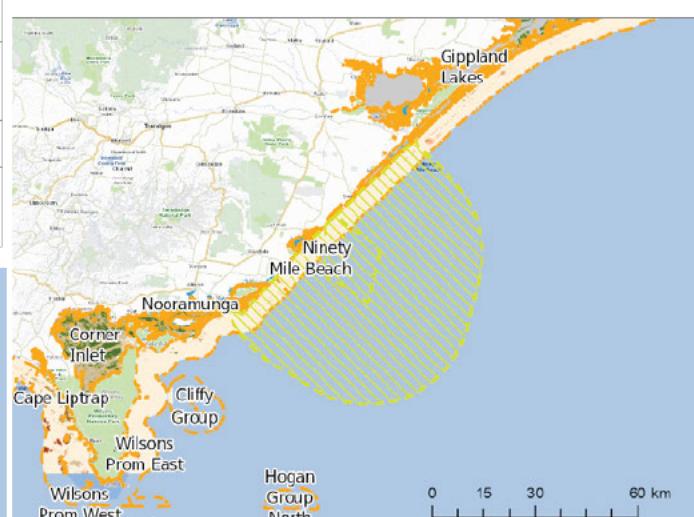
The FeAST report outputs should be considered in the context of the limitations of the tool and are relevant to legislation, policy, and advice. Please refer to the [FeAST Guidelines](#) for more information.

### Proposal activities

Offshore wind - Construction

### Location of proposal

Defined project area	3408.512 km <sup>2</sup>
Biounits	Wilsons Prom East and Ninety Mile Beach
Nearest Locality	Manns Beach and Woodside
Registered Aboriginal Party	Gunaikurnai Land And Waters Aboriginal Corporation

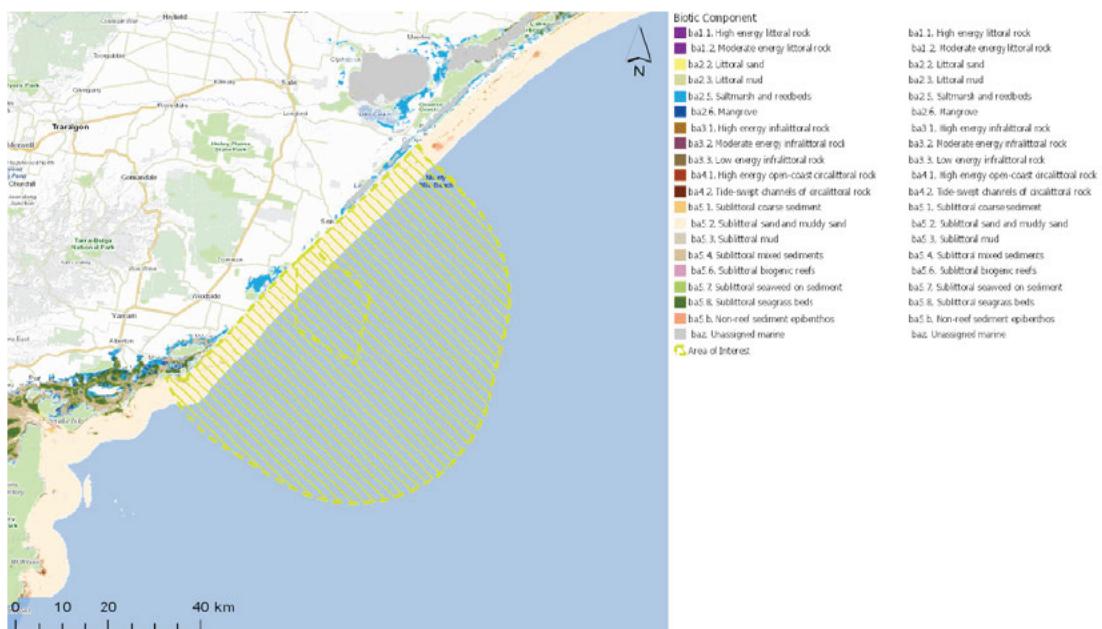


**FeAST results summary**

 Number of high and medium pressures across all proposal activities **18**

Pressure score	High	Medium
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Abrasion to seabed	Change of seabed type	Change of sediment type	Light siltation or smothering	Penetration to seabed substrates
Underwater noise	Visual disturbance	Water clarity changes	Above water noise	Barrier to species movement
Collision above water	Collision below water	Hydrocarbon contamination	Introduction of light	Invasive species
Litter	Vibration	Water flow changes		

 Number of unique habitat types in the defined project area **6**


Legend						
Habitat type	Littoral sand	High energy littoral rock	High energy infralittoral rock	Sublittoral sand and muddy sand	Sublittoral seagrass beds	Non-reef sediment epibenthos
FeAST Score	Low risk	Low risk	Low risk	Medium risk	Medium risk	Medium risk

## 1. Pressure score

Activities can exert multiple impacts, hazards or threats on the environment resulting in physical, biological or chemical changes, these are referred to as pressures in FeAST. In this step, each pressure is graded for intensity, which is based on the potential ecological effect and then scored from low to high, where applicable. The Pressure score acts as a screening process to remove pressures of least concern from the FeAST assessment (see table).

When multiple activities have been selected, the Pressure score analysis adopts a precautionary approach and takes the worst or highest intensity score across the activities as the Pressure score. The spatial location and area of the proposals is not factored into the analysis in this step.

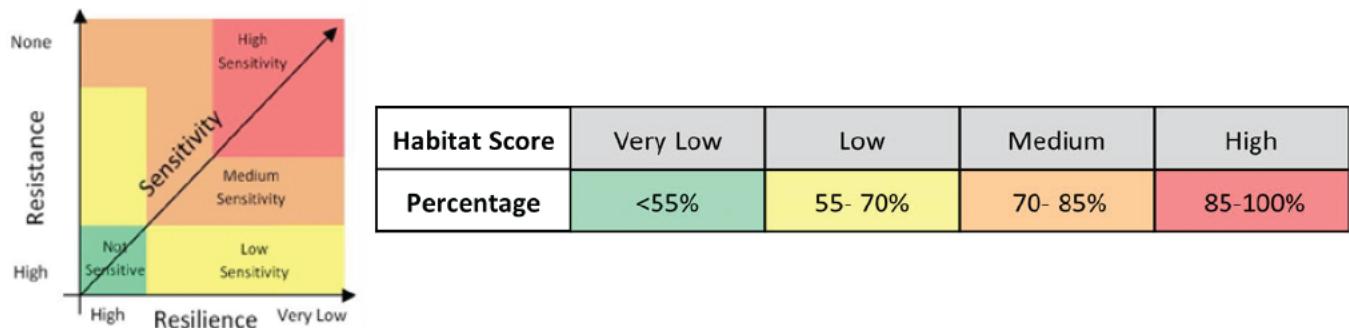
Intensity	Potential ecological effect	Assessment in FeAST
High	Ecosystem functional change	Included in the FeAST assessment, with the highest score across all activities used as the Pressure score
Medium	Populations and communities will shift a distinct level	
Low	Some noticeable change	Excluded from the FeAST assessment
NA	Not applicable	

Pressures	Activity	
	Offshore wind - Construction	Pressure score
<b>Abrasion to seabed</b>	High	High
<b>Change of seabed type</b>	High	High
<b>Change of sediment type</b>	High	High
<b>Light siltation or smothering</b>	High	High
<b>Penetration to seabed substrates</b>	High	High
<b>Underwater noise</b>	High	High
<b>Visual disturbance</b>	High	High
<b>Water clarity changes</b>	High	High
<b>Above water noise</b>	Medium	Medium
<b>Barrier to species movement</b>	Medium	Medium
<b>Collision above water</b>	Medium	Medium
<b>Collision below water</b>	Medium	Medium
<b>Hydrocarbon contamination</b>	Medium	Medium
<b>Introduction of light</b>	Medium	Medium
<b>Invasive species</b>	Medium	Medium
<b>Litter</b>	Medium	Medium
<b>Vibration</b>	Medium	Medium
<b>Water flow changes</b>	Medium	Medium

## 2. Habitat score

This step evaluates the sensitivity of specific habitats, which occur within the defined project area, to each of the relevant and screened activity induced pressures. Sensitivity is calculated by determining the resilience, which measures the likelihood of the habitat to tolerate change, versus the resilience of the habitat to adapt and recover once the pressure has ceased (see diagram).

The Habitat score provides an indication of the overall sensitivity of each habitat type to the proposal, this incorporates the combined effect of the screened pressures across all selected activities. Each habitat is assigned a value from low to high, and none when a pressure poses no threat. The Habitat scores are calculated as a percentage, where a 100% score would indicate that a habitat type has a high sensitivity to the proposal (see table).



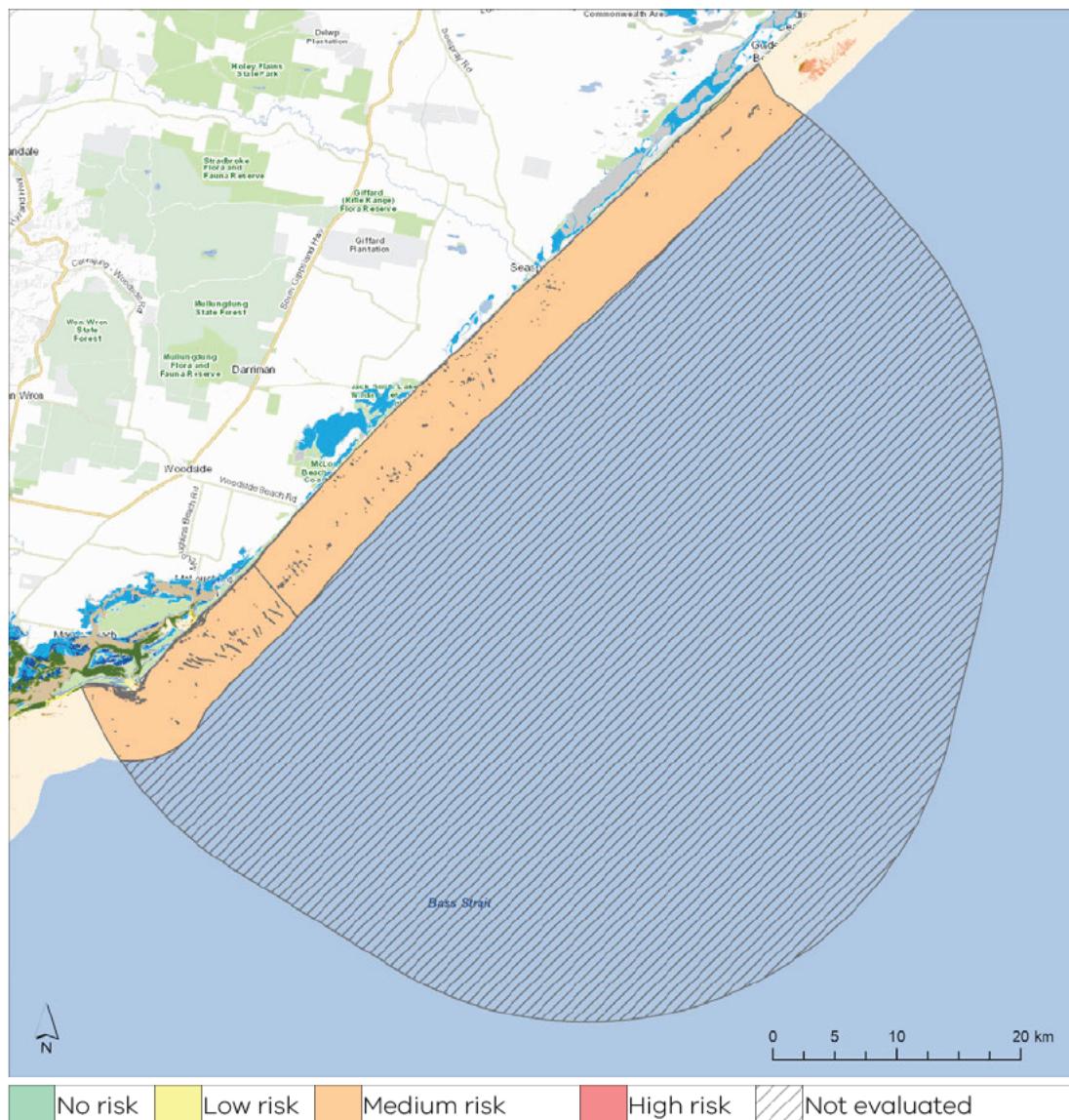
Legend	High Energy Littoral Rock	Littoral Sand	High Energy Infralittoral Rock	Sublittoral Sand And Muddy Sand	Sublittoral Seagrass Beds	Non-Reef Sediment Epibenthos
<b>Pressure</b>	High Energy Littoral Rock	Littoral Sand	High Energy Infralittoral Rock	Sublittoral Sand And Muddy Sand	Sublittoral Seagrass Beds	Non-Reef Sediment Epibenthos
<b>Change of seabed type</b>	H gh	Med um	Med um	Med um	H gh	H gh
<b>Abrasion to seabed</b>	H gh	Low	Med um	Low	H gh	Med um
<b>Penetration to seabed substrates</b>	H gh	Low	Med um	Low	H gh	H gh
<b>Visual disturbance</b>	Med um	None	None	None	None	None
<b>Water clarity changes</b>	Med um	Low	Med um	Low	H gh	Med um
<b>Change of sediment type</b>	None	Med um	None	Med um	H gh	H gh
<b>Light siltation or smothering</b>	Low	None	None	None	Low	None
<b>Invasive species</b>	H gh	H gh	H gh	H gh	H gh	H gh
<b>Hydrocarbon contamination</b>	H gh	None	Med um	None	None	None
<b>Water flow changes</b>	None	Med um	Med um	Med um	H gh	H gh
<b>Litter</b>	H gh	None	None	None	None	None
<b>Above water noise</b>	Low	None	None	None	None	None
<b>Habitat score</b>	Med um (82%)	Med um (74%)	Med um (83%)	Med um (74%)	H gh (95%)	H gh (94%)

### 3. FeAST score

The FeAST score is the final step in the FeAST assessment and provides an indication of the overall risk posed by the proposal to the habitats within the defined project area. The FeAST score evaluates the level of exposure against the Habitat score.

The exposure level estimates the distribution and distribution of each habitat to determine the proportion of impact of the proposal, which is considered in the context of the 26 Victoria bays. This is determined by calculating the habitat area impacted by the defined project area against the total habitat area across the relevant bay to produce a percentage. In cases where the defined project area may cross two bays, a precautionary approach is taken, and the highest FeAST score is used.

The map below displays the FeAST score for each habitat in the defined project area.



FeAST Assessment	High energy littoral rock	Littoral sand	High energy infralittoral rock	Sublittoral sand and muddy sand	Sublittoral seagrass beds	Non-reef sediment epibenthos
Habitat Score	Medium	Medium	Medium	Medium	High	High
Exposure Level for biounit: <u>Wilsons Prom East</u>	Low	Low	Low	Low	Low	Not evaluated
Exposure Level for biounit: <u>Ninety Mile Beach</u>	Low	Low	Low	Medium		
Feast score for biounit: <u>Wilsons Prom East</u>	Low risk	Low risk	Low risk	Low risk	Medium risk	Medium risk
Feast score for biounit: <u>Ninety Mile Beach</u>	Low risk	Low risk	Low risk	Medium risk		
FeAST score	Low risk	Low risk	Low risk	Medium risk	Medium risk	Medium risk

#### 4. Marine Biodiversity Values (MBV)

The MBV analysis draws on information and data provided in the MBV map (2024), to provide a summary for the MBV Assessment Area which contains the defined project area.

The MBV map has been created for Victoria's Coastal Waters and assesses 263 marine and coastal biodiversity features, these include:

- Listed species and communities (FFG Act – Flora and Fauna Guarantee Act 1988 (Victoria) and EPBC Act – Environment Protection and Biodiversity Conservation Act 1999 (Commonwealth)).
- Habitat features (marine habitat complexes mapped).
- Key biodiversity features (important cultural, economic, ecological, or social value).

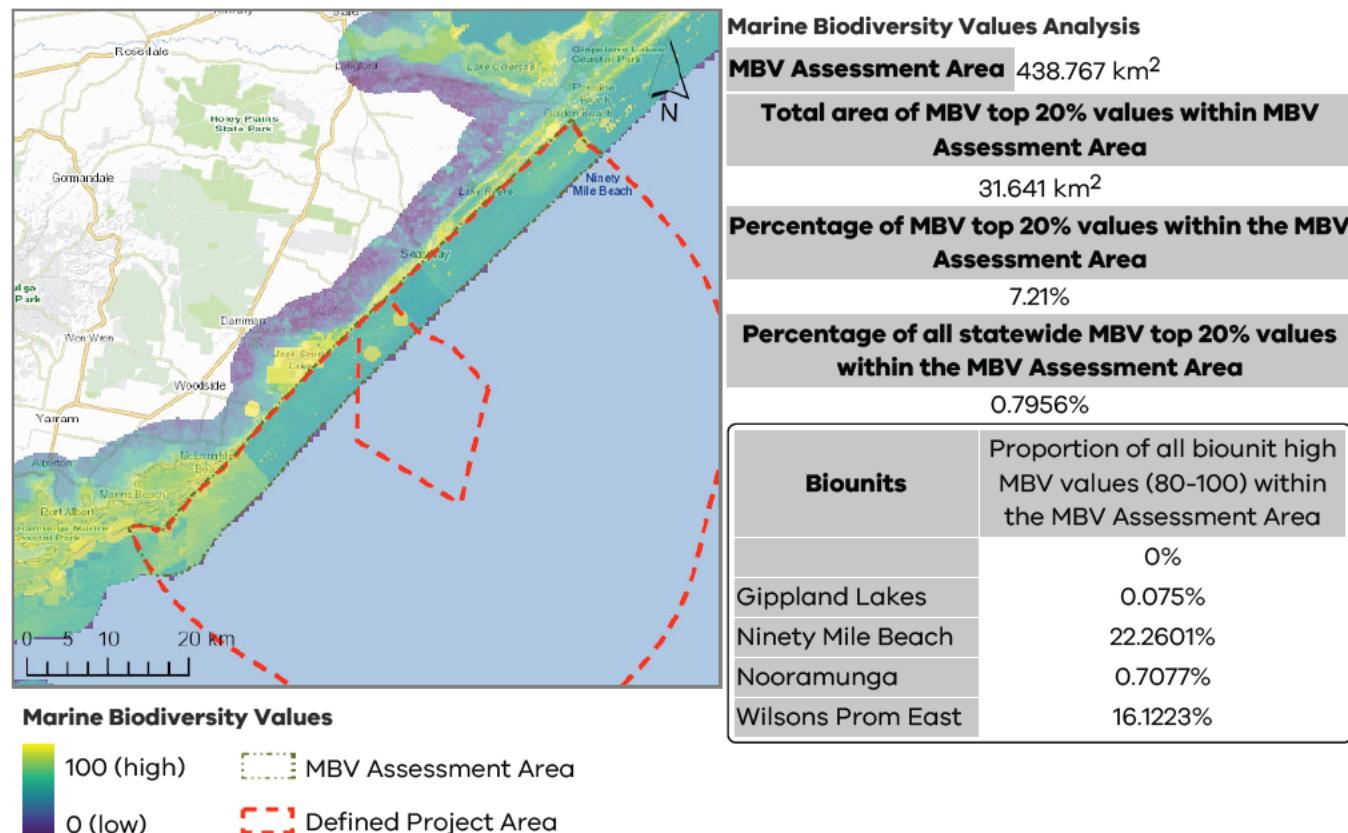
The MBV map shows areas of low to high biodiversity values across 225 marine grid cells, ranked from 0-100. The MBV ranked value has been assigned per grid cell, the MBV analysis cannot generate results for parts of cells so results are provided for whole cells. This area is referred to as the MBV Assessment Area, it represents all the cells that the defined project area overlaps with, this area will always be larger than the defined project area. The MBV map is displayed on [CoastKit](#). Please refer to the [MBV webpage](#) for more information.

The MBV Spatial Assessment provides an indication of how much of the highest ranked (80-100) marine biodiversity values overlap with the MBV Assessment Area. These high value locations represent areas that support a broad range of biodiversity features and/or are important for rare or threatened species. As a result, these are priority areas for avoiding impacts to where possible.

The MBV Species Assessment provides an indication of how many species of the 217 mapped for the MBV are likely to occur within the MBV Assessment Area. This analysis does not include other features included in the MBV such as habitat or key features.

#### MBV Spatial Assessment

The map below shows the MBV ranked value for each cell using a continuous colour scale from 0 (purple) to 100 (yellow), the defined project area (dashed red line) and the MBV Assessment Area (dashed black line). The analysis below has been calculated for the MBV Assessment Area, the sum of all the cells that the defined project area overlaps with. The statistics provide information on the total area and percentage of high MBV areas within the MBV Assessment Area, as well as the proportion overlap at a statewide and local level.



#### MBV Species Assessment

Of the 263 biodiversity features included in the MBV map, only 206 species are included in the MBV Species Assessment. This analysis provides an indication of which of these species are likely to occur within the MBV Assessment Area. The first of MBV

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features that were assessed to create the MBV map should be considered.

The table provides the common and scientific name, FFG Act threatened status, Taxa group and Taxa, and the MBV Proportion. The MBV proportion is the percentage of the species statewide extent that overlaps with the MBV Assessment Area, only species with a MBV Proportion greater than 0.001% are shown. Species with a MBV Proportion less than this number are listed beneath the table.

Common Name	Scientific Name	MBV Proportion	FFG Status	Taxa Type
Whale Shark	<i>Rhincodon typus</i>	17.5297%		Fish
Tassel Pipefish	<i>Kimbacea bassensis</i>	11.8314%		Fish
Great White Shark	<i>Carcharodon carcharias</i>	9.1348%	Endangered	Fish
Bunneff's Seahorse	<i>Hippocampus minotaur</i>	7.859%		Fish
Australian Long-nosed Pipefish	<i>Vanacampus poecilaoemus</i>	7.5048%		Fish
Tucker's Pipefish	<i>Mitotichthys tuckeri</i>	7.5046%		Fish
Blue Petrel	<i>Thalassarche caerulea</i>	6.3281%		Marine birds
Brown Skua	<i>Catharacta skua</i>	6.3279%		Marine birds
Short-tailed Shearwater	<i>Ardenna tenuirostris</i>	6.1442%		Marine birds
Draughtboard Shark	<i>Cephaloscyllium laticeps</i>	5.9578%		Fish
Red Pipefish	<i>Notiocampus ruber</i>	5.6877%		Fish
Shorthead Seahorse	<i>Hippocampus breviceps</i>	5.6876%		Fish
Deepbody Pipefish	<i>Kaupus costatus</i>	5.6876%		Fish
Brushtail Pipefish	<i>Leptoichthys fistularius</i>	5.6876%		Fish
Javelin Pipefish	<i>Lissocampus runa</i>	5.6876%		Fish
Spiny Pipehorse	<i>Solegnathus spinosissimus</i>	5.6876%		Fish
Spotted Pipefish	<i>Stigmatopora argus</i>	5.6876%		Fish
Widebody Pipefish	<i>Stigmatopora nigra</i>	5.6876%		Fish
Ringback Pipefish	<i>Stipecampus cristatus</i>	5.6876%		Fish
Hairy Pipefish	<i>Urocampus carinirostris</i>	5.6876%		Fish
Mother-of-Pearl Pipefish	<i>Vanacampus margaritifer</i>	5.6876%		Fish
Port Philip Pipefish	<i>Vanacampus philippi</i>	5.6876%		Fish
Crested Pipefish	<i>Histiogamphelus briggsii</i>	5.6876%		Fish
Bigbelly Seahorse	<i>Hippocampus abdominalis</i>	5.6876%		Fish
Adelaide Pipefish	<i>Histiogamphelus cristatus</i>	5.6876%		Fish
Half-banded Pipefish	<i>Mitotichthys semistriatus</i>	5.6876%		Fish
Upside-down Pipefish	<i>Heraclia nocturna</i>	5.6876%		Fish
Knifefnout Pipefish	<i>Hypseognathus rostratus</i>	5.6876%		Fish
Sawtooth Pipefish	<i>Maroubra perserrata</i>	5.6876%		Fish
Common Seadragon	<i>Phycpteryx taeniolatus</i>	5.6875%		Fish
Killer Whale	<i>Orcinus orca</i>	5.6261%		Mammals
Common Minke Whale	<i>Balaenoptera acutorostrata</i>	5.622%		Mammals
Risso's Dolphin	<i>Grampus griseus</i>	5.5991%		Mammals
Crested Tern	<i>Thalasseus bergii</i>	5.4489%		Waders
Smooth Stingray	<i>Dasyatis brevicaudata</i>	4.7762%		Fish
Common Diving-Petrel	<i>Pelecanoides urinatrix</i>	4.5448%		Marine birds
Oriental Plover	<i>Charadrius veredus</i>	4.4455%		Waders

Southern Right Wha e	<i>Euba aena austra is</i>	4.1426%	Endangered	Mamma s
Southern Humpback Wha e	<i>Megaptera novaeang iae austra is</i>	3.8776%		Mamma s
Pygmy Right Wha e	<i>Caperea marginata</i>	3.8672%		Mamma s
B ue Warehou	<i>Serio e a brama</i>	3.8671%	Conservation Dependent	Fish
Common Bott e-nosed do phin	<i>Tursiops truncatus</i>	3.8573%		Mamma s
Short-beaked Common Do phin	<i>De phinus de phis</i>	3.8572%		Mamma s
Austra ian Fur Sea	<i>Arctocephala pusilla doriferus</i>	3.8546%		Mamma s
Schoo Shark	<i>Galeorhinus galeus</i>	3.7195%		Fish
F esh-footed Shearwater	<i>Ardenna carneipes</i>	3.6349%		Marine birds
Porbeag e	<i>Lamna nasus</i>	3.6176%		Fish
Sooty Shearwater	<i>Ardenna grisea</i>	3.6124%	Vu nerab e	Marine birds
Wandering A batross	<i>Diomedea exulans</i>	3.6124%	Critically Endangered	Marine birds
Southern B uefin Tuna	<i>Thunnus maccoyii</i>	3.6124%		Fish
New Zea and Wandering A batross	<i>Diomedea antipodensis</i>	3.6124%		Marine birds
B ack-browed A batross	<i>Thalassarche melanophris</i>	3.6024%		Marine birds
Campbe A batross	<i>Thalassarche impavida</i>	3.551%		Marine birds
Northern Roya A batross	<i>Diomedea sanfordi</i>	3.5482%		Marine birds
Shy A batross	<i>Thalassarche cauta</i>	3.5275%	Endangered	Marine birds
Sa vin's A batross	<i>Thalassarche salvini</i>	3.5275%		Marine birds
White-capped A batross	<i>Thalassarche steadi</i>	3.5275%		Marine birds
Green Turt e	<i>Chelonia mydas</i>	3.5021%		Reptiles
Leathery Turt e	<i>Dermochelys coriacea</i>	3.5021%	Critically Endangered	Reptiles
Loggerhead Turt e	<i>Caretta caretta</i>	3.5021%		Reptiles
Fairy Prion	<i>Pachyptila turtur</i>	3.1347%		Marine birds
Sea Water-mat	<i>Athenia marina</i>	2.7314%	Critically Endangered	Monocotyledons
Fork-tai ed Swift	<i>Apus pacificus</i>	2.3384%		Other Non-passerpine birds
Fairy Tern	<i>Sterna a nereis</i>	2.32%	Critically Endangered	Waders
Eastern Osprey	<i>Pandion cristatus</i>	2.2094%		Other Non-passerpine birds
Broadnose Sevengi Shark	<i>Notorynchus cepedianus</i>	2.2009%		Fish
Sharp-tai ed Sandpiper	<i>Calidris acuminata</i>	2.2009%	Vu nerab e	Waders
Pectoral Sandpiper	<i>Calidris melanotos</i>	2.2009%		Waders
Ruff	<i>Calidris pugnax</i>	1.6572%		Waders
Sooty Oystercatcher	<i>Haematopus fuliginosus</i>	1.4884%		Waders
Sanderling	<i>Calidris alba</i>	1.3205%		Waders
Pied Oystercatcher	<i>Haematopus longirostris</i>	1.3061%		Waders
Red-necked Stint	<i>Calidris ruficollis</i>	1.2452%		Waders
Doube-banded Plover	<i>Charadrius bicinctus</i>	1.0856%		Waders
Great Knot	<i>Calidris tenuirostris</i>	0.9898%	Vu nerab e	Waders

Red Knot	Ca idris canutus	0.9783%	Vulnerable	Waders
Curlew Sandpiper	Ca idris ferruginea	0.9688%	Critically Endangered	Waders
Wood Sandpiper	Tringa glareola	0.9591%	Endangered	Waders
Red-capped Plover	Charadrius ruficollis	0.9202%		Waders
Red-necked Avocet	Recurvirostra novaehollandiae	0.8943%		Waders
Smooth Pipefish	Lissocampus caudalis	0.8204%		Fish
Pugnose Pipefish	Pugnaso curtirostris	0.8204%		Fish
Brown gull	Larus dominicanus	0.8076%		Gull
Brown gull	Phalacrocorax fuscicollis	0.8076%		Gull
Little Curlew	Numenius minutus	0.727%		Waders
Gummy Shark	Mustelus antarcticus	0.6675%		Fish
Bar-tailed Godwit	Limosa lapponica	0.6371%	Endangered	Waders
Little Egret	Egretta garzetta	0.5816%	Endangered	Other Non-passerine birds
Australian Painted-snipe	Rostratula australis	0.5503%	Critically Endangered	Other Non-passerine birds
Rufous Fantail	Rhipidura rufifrons	0.5292%		Passerine birds
Eastern Yellow Wagtail	Motacilla tschutschensis	0.5251%		Passerine birds
Latham's Snipe	Gallinago hardwickii	0.5185%	Vulnerable	Other Non-passerine birds
Satin Flycatcher	Myiagra cyanoleuca	0.5102%		Passerine birds
Eastern Cattle Egret	Bubulcus coromandus	0.4941%		Other Non-passerine birds
Rainbow Bee-eater	Merops ornatus	0.4778%		Other Non-passerine birds
Terek Sandpiper	Xenus cinereus	0.42%	Vulnerable	Waders
Pied Egret	Ardea intermedia	0.3905%	Critically Endangered	Other Non-passerine birds
White-bellied Sea-Eagle	Haliaeetus leucogaster	0.3755%	Endangered	Other Non-passerine birds
Magpie Goose	Anseranas semipalmata	0.3476%	Vulnerable	Other Non-passerine birds
Greater Sand Plover	Charadrius leschenaultii	0.2911%	Vulnerable	Waders
Lesser Sand Plover	Charadrius mongolicus	0.2905%	Endangered	Waders
Hooded Plover	Thinornis ruber	0.2899%	Vulnerable	Waders
Eastern Curlew	Numenius madagascariensis	0.2899%	Critically Endangered	Waders
Common Greenshank	Tringa nebularia	0.2898%	Endangered	Waders
Grey Plover	Pluvialis squatarola	0.2891%	Vulnerable	Waders
Marsh Sandpiper	Tringa stagnatilis	0.2868%	Endangered	Waders
Common Sandpiper	Actitis hypoleucos	0.2864%	Vulnerable	Waders
Little Tern	Sterna albifrons	0.2844%	Critically Endangered	Waders
Australian Gull -billed Tern	Geochelidon macrotarsa	0.2815%	Endangered	Waders
Southern Bent-winged Bat	Miniopterus orianae	0.2791%	Critically Endangered	Bats

Little Penguin	Eudyptula minor	0.276%		Marine birds
Yellow-bellied Sheathbill Bat	Saccopteryx fusciventer	0.275%	Vulnerable	Bats
Eastern Bent-winged Bat	Miniopterus orianae oceanensis	0.2749%	Critically Endangered	Bats
Australasian Bittern	Botaurus poiciloptilus	0.2505%	Critically Endangered	Other Non-passerine birds
Australasian Greylag	Branta leucopsis	0.228%	Vulnerable	Fish
Blue-winged Parrot	Neophema chrysostoma	0.1881%	Vulnerable	Other Non-passerine birds
Caspian Tern	Hydroprogne caspia	0.1754%	Vulnerable	Waders
White-throated Needletail	Hirundapus caudacutus	0.0463%	Vulnerable	Other Non-passerine birds
Pacific Golden Plover	Pluvialis fulva	0.0119%	Vulnerable	Waders
Ruddy Turnstone	Arenaria interpres	0.0115%	Vulnerable	Waders
Whimbrel	Numenius phaeopus	0.0107%	Endangered	Waders
Grey-tailed Tattler	Tringa brevipes	0.0048%	Critically Endangered	Waders

## 5. Proximity analysis

The Proximity analysis acts as a search tool to provide an indication of the key marine and coastal features that may occur or can sometimes occur within or nearby (up to 2km) the defined project area.

In addition to the FeAST score, this section provides a summary of proposals to consider any impacts or negative interactions to existing marine and coastal activities, the natural environment and biodiversity, as well as designated conservation management and protection areas.

The tool generates a series of summary tables from the Feature Analysis on CoastKit. Tables are organised into eight themes; Conservation and protected areas, Natural environment and biodiversity, Defence and national security, Energy generation and resource extraction, Fishing and aquaculture, Marine transport, Recreation, tourism and leisure, and Scientific heritage areas.

Each table provides the feature category, feature name, description, and proximity. Feature records are ordered from nearest to furthest distance away. The proximity values displayed as either:

- percentage overlap .i.e., how much of the total defined project area is covered by the feature, or
- distance in metres .i.e., how far the feature is from the boundary of the defined project area to a maximum buffer of 2km.

The number of features displayed in the report will vary. If no features from a theme have been identified within 2km of the defined project area boundary, the corresponding table will not be displayed in the report. Some key spatial datasets have not been included in the proximity analysis, please refer to the guidelines for recommended advice on using other tools in conjunction with FeAST to deliver supplementary information to decision makers.

## Conservation and protected areas

This table lists protected and management areas that must be considered in compliance with relevant acts and regulations. Please note that marine asset areas do not have specific regulations but are of high conservation value.

Feature name	Category	Description	Proximity
De Ray Beach offshore sediment	Marine asset areas	Important for biodiversity (infauna species "representative we studied example of Port Albert to Lakes Entrance Sandy Point asset area).	1%
McGauran Beach offshore sediment	Marine asset areas	McGauran Beach sub littoral offshore sediment communities	1%
Ninety Mile Beach Marine National Park	Marine National Park	National Parks Act Schedule 4 park or reserve	1%

Ninety Mile Beach patch reefs	Marine asset areas	Low profile patch reefs offshore from Ninety Mile Beach, between McLoughlin Beach and Lakes Entrance. Significant and unique sessile invertebrate and filter feeding assemblages. Reefs are stepping-stone habitats for snapper, white shark and possibly grey nurse sharks.	1%
Nooramunga Marine and Coastal Park	Marine and Coastal Park	National Parks Act Schedule 4 park or reserve	1%
Protected zone - SS Gang	Shipwreck protected zone	SS Gang (1900) is one of the worst maritime disasters in Victorian history with the deaths of 38 people and only three survivors. After the wreck was discovered it was subject to heavy looting and was placed in a protected zone to help prevent further theft.	1%
Ramsar - Corner Inlet	UNESCO Ramsar site	Ramsar wetland and bird habitat in Victoria. 25km resolution.	1%
Woodside Beach offshore sediments	Marine asset areas	Woodside Beach subtidal offshore sediment communities	1%
Ramsar - Gippsland Lakes	UNESCO Ramsar site	Ramsar wetland and bird habitat in Victoria. 25km resolution.	141m
Nooramunga and Corner Inlet sediment flats	Marine asset areas	Pied and sooty oystercatcher habitat. Thirty two recorded species of wading birds both resident and migratory. Supports 21.5% of total Victorian wader population. Sediment beds contain a high abundance of microfauna.	206m
Port Albert to Lakes Entrance	Marine asset areas	Important for biodiversity (communities associated with these soft sediments and supports important species (sharks)).	206m
Ramsar - Gippsland Lakes	UNESCO Ramsar site	Ramsar wetland and bird habitat in Victoria. 25km resolution.	1051m

### Biodiversity and natural environment

This table lists geological features and areas of high biodiversity, including significant habitats, FFG listed marine communities and some important species sightings, and distributions (from field data available). It is recommended that the [Protected Matters Search Tool](#) and [NatureKit](#) should be used to extract the sites for threatened species observations, EPBC act protected values and migratory species.

Feature name	Category	Description	Proximity
AFD 245 - Significant ascidian site	Invertebrate records and areas	Species: Perophora canaliculata Kott, 1985, Status: Type locality - endemic - ascidian	1%
AFD 246 - Significant ascidian site	Invertebrate records and areas	Species: Distaplia retinaculata Kott, 1990, Status: Type locality - endemic - ascidian	1%
AFD 248 - Significant ascidian site	Invertebrate records and areas	Species: Apidium distaplium Kott, 1992, Status: Type locality - ascidian	1%
AFD 249 - Significant ascidian site	Invertebrate records and areas	Species: Polycinum orbiculum Kott, 1992, Status: Type locality - ascidian	1%
AFD 250 - Significant ascidian site	Invertebrate records and areas	Species: Synoicum obscurum Kott, 1992, Status: Type locality - ascidian	1%
Bird area - breeding roosting 2009	Important bird areas	sandbars that change size and location. Shorebirds interchange between these three areas depending on conditions, especially tide height. Very high tides can submerge roosts at mouth. Disturbance not likely a problem as there are plenty of places to go	1%

Bird area - breeding roosting 2009	Important bird areas	sandbars that changes size and location. Also known as Shaw Inlet. A lot of interchange between these three areas, and most shorebirds are found wherever the most exposed sand is found near this entrance. Disturbance not likely a problem as there are plenty of places to go	1%
Bird area - breeding roosting 2009	Important bird areas	Intertidal area that offers potential for feeding shorebirds	1%
De ray Beach offshore sediment	Significant soft sediment habitat	De ray Beach subtidal offshore sediment communities	1%
Geoform - Gipps and Lakes Outer Barrier	Geological sites	Latest stage of evolution of the complex Gipps and Lakes barrier.	1%
Geoform - Woodside Beach - Barrier & Lagoons	Geological sites	Important sectors in understanding barrier evolution.	1%
McGauran Beach offshore sediment	Significant soft sediment habitat	McGauran Beach subtidal offshore sediment communities	1%
Ninety Mile Beach patch reefs	Significant reef habitat	Low profile patch reefs offshore from Ninety Mile Beach, between McLoughlins Beach and Lakes Entrance. Significant and unique sessile invertebrate and filter feeding assemblages. Reefs are stepping-stone habitats for snapper, white shark and possibly grey nurse sharks.	1%
Woodside Beach offshore sediments	Significant soft sediment habitat	Woodside Beach subtidal offshore sediment communities	1%
Estuary - Merriman Creek	Estuary and inlet areas	Estuary classification (coast, mouth, head): EIE	21 m
Bird roost - McLoughlins Entrance (west)	Important bird areas	Major Roost. Large numbers of waders, always in use.	25 m
Estuary - Jack Smith Lake	Estuary and inlet areas	Estuary classification (coast, mouth, head): EIE	43 m
Estuary - Lake Dennison	Estuary and inlet areas	Estuary classification (coast, mouth, head): EIE	45 m
Geoform - Lake Denison - Barrier and lagoon evolution	Geological sites	Lake, barrier, buff and lagoon channel evolution.	63 m
Crested Tern - Dream Islands and (northern spit)	Important bird areas	Crested tern Thalasseus bergii nesting site. 400 pairs 1991-92.	76 m
Fairy Tern - Dream Islands and (northern spit)	Important bird areas	Fairy Tern Sternula nereis nesting site. 50 pairs regularly.	76 m
Bird area - breeding roosting 2009	Important bird areas	Sandy barrier island, dunes, encroaching shrubs. 20 years ago regular counts of 5,000 - 20,000, but encroachment of shrubs has made less suitable for roosting waders. Disturbance not likely a problem as there are plenty of places to go	113 m
Hooded Plover - McLoughlins Beach - Seaspray Coastal Reserve	Important bird areas	Hooded Plover Thinornis rubricollis (endangered). Observed Sighting (Nesting?). This point derived from Michael Weston's report: Managing the Hooded Plover in Victoria: a Review of Existing Information.	127 m
Hooded Plover - McLoughlins Beach - Seaspray Coastal Reserve	Important bird areas	Hooded Plover Thinornis rubricollis (endangered). Observed Sighting (Nesting?). This point derived from Michael Weston's report: Managing the Hooded Plover in Victoria: a Review of Existing Information.	138 m

Geoform - Jack Smith Lake	Geological sites	Large coastal lagoon.	171 m
Geoform - McGaurans Beach - Lagoon Sediments	Geological sites	Lagoon sediments indicating barrier formation and retreat.	193 m
Bird roost - Shoal Inlet Entrance (east)	Important bird areas	Major Roost. Large numbers of waders, always in use.	196 m
Bird area - breeding roosting 2009	Important bird areas	use is dependent on amount of water and water conditions, lake from here north is usually dry	206 m
Nooramunga and Corner Inlet sediment flats	Important bird areas	Pied and sooty oystercatcher habitat. Thirty two recorded species of wading birds both resident and migratory. Supports 21.5% of total Victorian wader population. Sediment beds contain a high abundance of microfauna.	206 m
Hooded plover - Box Bank	Important bird areas	Hooded Plover Thinornis rubricollis (endangered). Nesting Site.	213 m
Geoform - Nooramunga Tidal Entrance & Tidal Delta	Geological sites	Classic example of tidal channels, inlets and deltas.	236 m
Bird area - breeding roosting 2009	Important bird areas	sand and mud flats with seagrass. feeding areas not surveyed, birds likely use any exposed mud flat for feeding, incidentally	238 m
Geoform - Outer Barrier near Seaspray	Geological sites	Single high and grassy outer barrier ridge.	256 m
Geoform - MERRIMAN CREEK	Geological sites	At W end of Lake Reeve between an in and fossil cliff and the outer barrier, Merriman Creek has built its delta. At W end of Lake Reeve between an in and fossil cliff and the outer barrier, Merriman Creek has built its delta. Merriman Creek, Seaspray.	262 m
Bird area - breeding roosting 2009	Important bird areas	small patches of sand (mangrove lined), small patch of saltmarsh surrounded by sandbar, isolated non-tidal pool surrounded by trees. 3 areas: 1. spit- only good one year when sandbar formed, 2. small lagoon visited by few #s, 3. Northern stretch of is and 10 yrs ago high counts, now very few, recent mangrove encroachment has left little sand. (not always counted)	284 m
Fairy Tern - Dream Island (southern spit)	Important bird areas	Fairy Tern Sternula albifrons nesting site. 20 pairs very occasionally	300 m
Bird area - breeding roosting 2009	Important bird areas	sand and mud flats. area observed to hold a couple hundred feeding waders recently (no counts), but probably held more historically, the channels in this area are very dynamic and exposed tidal flats will continue to change location	320 m
Bird roost - Box Bank	Important bird areas	Major Roost. Large numbers of waders, always in use.	344 m
Estuary - Bruthen Creek	Estuary and inlet areas	Estuary classification (coast, mouth, head): B P E	395 m
Bird roost - Shoal Inlet Entrance (west)	Important bird areas	Major Roost. Very large numbers of waders, always in use. In past 8 years it has been largest roost, often with more than 20,000 waders.	403 m
Hooded plover - Dream Island	Important bird areas	Hooded Plover Thinornis rubricollis (endangered). Nesting Site.	411 m
Bird roost - McLoughlins Entrance (east)	Important bird areas	Minor Roost. Small numbers of waders, not always in use.	412 m

Bird roost - Dream Is and - Bird Inlet	Important bird areas	Minor Roost. Small numbers of waders, not always in use.	432 m
Hooded plover - Dream Is and	Important bird areas	Hooded Plover Thinornis rubricollis (endangered). Nesting Site.	496 m
Geoform - Outer Barrier - Shaw Inlet to Reeves Beach	Geological sites	Major example of the formation and modification of barrier systems.	500 m
Bird area - breeding roosting 2009	Important bird areas	sand and mud flats. area used by relatively low numbers of feeding shorebirds, but no counts available	529 m
Geoform - Nooramunga Tidal Entrance & Tidal Delta	Geological sites	Classic example of tidal channels, inlets and deltas.	573 m
Bird roost - McLoughlin's Beach	Important bird areas	Major Roost. Medium numbers of waders, always in use.	577 m
Rare species - Haemacarcinus sp MoV 746	Invertebrate records and areas	Haemacarcinus sp MoV 746 - Crab - Rare and restricted in distribution - Museum record	605 m
Bird roost - Is and inside McLoughlin's Entrance	Important bird areas	Major Roost. Medium numbers of waders, always in use.	606 m
Crested Tern - Is and inside McLoughlin's Entrance	Important bird areas	Crested tern Thalasseus bergii nesting site. 400 pairs 1991-92.	667 m
Bird area - breeding roosting 2009	Important bird areas	sand and mud flats. feeding areas not surveyed, birds likely to use any exposed mud flat for feeding, incidentally	704 m
Geoform - Barrier Dunes - Ninety Mile Beach	Geological sites	Displays the evolution of the Gippsland Lakes barrier.	725 m
Bird area - breeding roosting 2009	Important bird areas	most important area in western Lake Reeve for waders	753 m
Bird area - breeding roosting 2009	Important bird areas	good sandbank for feeding, water usually deeper and used by larger waders	810 m
Bird area - breeding roosting 2009	Important bird areas	mostly saltmarsh.	836 m
Bird area - breeding roosting 2009	Important bird areas	best area in western Lake Reeve for waders	1149 m
Bird roost - Dream Is and - western shore	Important bird areas	Major Roost. Medium numbers of waders, always in use.	1170 m
Bird area - breeding roosting 2009	Important bird areas	mud and sand flats. feeding birds from Box Bank use this area on rising and falling tides to feed, but will also roost in this area on neap tides	1287 m
Hooded plover - Box Bank	Important bird areas	Hooded Plover Thinornis rubricollis (endangered). Nesting Site.	1562 m
Bird area - breeding roosting 2009	Important bird areas	mostly saltmarsh. A good area for up to 80 Cormorants, relatively high counts for other species (e.g. 4,000 Ring-billed Gulls, 1,000 Red-necked Phalaropes, 200 Eastern Curlews) only observed occasionally, not always counted. Disturbance not likely a problem as there are plenty of places to go	1737 m

Bird area - breeding roosting 2009	Important bird areas	sandbars/ephemera sand is and that changes size and location, and some saltmarsh. 1000s of waders historically; sand erosion in last 3 yrs less suitable/Main roost of sub-site (8 yrs). Shorebirds vary which of these three areas they use most (much interchange among them). Historically, any exposed sand was used by waders.	1818 m
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### Energy generation and resource extraction

The table lists existing areas for oil and gas infrastructure, works and any sand extraction sites. Potential cumulative effects or interactions should be considered.

Feature name	Category	Description	Proximity
Facility - 35	Oil and gas platforms and facilities	Oil and gas platforms and facilities - from OSRA	1%
Pipeline -	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	1%
Pipeline -	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	88 m
Pipeline - VIC/PL21	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	196 m
Pipeline -	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	368 m
Pipeline - 79	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	374 m
Pipeline -	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	388 m
Pipeline - VIC/PL21	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	582 m
Pipeline -	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	875 m
Pipeline -	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	1034 m
Pipeline - 79	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	1400 m
Pipeline - 77	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	1733 m
Pipeline -	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	1746 m
Pipeline -	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	1902 m
Pipeline - 77	Oil and gas pipelines	Oil and gas pipelines for Victoria - from OSRA	1908 m

### Recreation, tourism and leisure

This table lists sites of recreation value such as boating, diving, and sailing areas. Potential cumulative effects or interactions should be considered.

Feature name	Category	Description	Proximity
Dive site - Duke of Wellington	Dive sites	Duke of Wellington. Wooden barque. Lost in 1853. Wreck dive.	1%
Dive site - George	Dive sites	George. Historic shipwreck protected zone. Permit required. Lost in 1900. Permit wreck dive.	1%

### Scientific and heritage areas

This table lists important areas for research and monitoring purposes, as well as recorded non Aboriginal historical sites in Port Phillip Bay and shipwrecks across Victoria. Aboriginal cultural values have not been recorded, please refer to the Aboriginal Heritage Act 2006 and consult with the nearest Registered Aboriginal Party to meet obligations.

Feature name	Category	Description	Proximity
Wreck - CITY OF HOBART	Shipwreck sites	CITY OF HOBART. Screw steamer. Built in Scotland in 1853. Wrecked in 60 miles NE of Wilsons Promontory in 1877.	1%
Wreck - COLLEEN BAWN	Shipwreck sites	COLLEEN BAWN. Ketch. Built in Australia in 1871. Wrecked in Ninety Mile Beach in 1913.	1%

Wreck - EMILY	Shipwreck sites	EMILY. Built in Australia in 1862. Wrecked in Two miles east of Shoal Inlet, Port Albert in 1863.	1%
Wreck - MAGNOLIA	Shipwreck sites	MAGNOLIA. Schooner. Built in 1877. Wrecked in Disappeared between Refuge Cove and Lakes Entrance in 1887.	1%
Wreck - SARAH	Shipwreck sites	SARAH. Sailing schooner. Built in Australia in 1837. Wrecked in Woodside, Ninety Mile Beach in 1838.	1%
Wreck - SS GLENELG	Shipwreck sites	SS GLENELG. Screw steamer. Built in Scotland in 1875. Wrecked in Bass Strait, near Lakes Entrance in 1900.	1%
Wreck - Unidentified: 22 Miles south-east of Seaspray	Shipwreck sites	Unidentified: 22 Miles south-east of Seaspray. Wrecked in Bass Strait, 22 miles SE of Seaspray.	1%
Wreck - PS PAYNESVILLE	Shipwreck sites	PS PAYNESVILLE. Paddle steamer. Built in Australia in 1880. Wrecked in Ocean Grange, Ninety Mile Beach in 1881.	305 m
Wreck - COLCHESTER	Shipwreck sites	COLCHESTER. Brig. Built in Canada in 1849. Wrecked in 5 miles east of Shoal Inlet, Port Albert in 1863.	308 m
Wreck - TRINCULO	Shipwreck sites	TRINCULO. Sailing barque. Built in England in 1858. Wrecked in Ninety Mile Beach, east of Seaspray in 1879.	911 m
Wreck - TRANCOOLAH	Shipwreck sites	TRANCOOLAH. Barque. Wrecked in Ninety Mile Beach in 1884.	1462 m



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