

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: 31-Oct-2023

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 <u>Administrative Guidelines on Significance</u>.

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance (Ramsar	None
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	6
Listed Threatened Species:	43
Listed Migratory Species:	14

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 <u>permit</u> 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.

Commonwealth Lands:	1
Commonwealth Heritage Places:	None
Listed Marine Species:	19
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None
Habitat Critical to the Survival of Marine Turtles:	None

Extra Information

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

State and Territory Reserves:	7
Regional Forest Agreements:	None
Nationally Important Wetlands:	None
EPBC Act Referrals:	40
Key Ecological Features (Marine):	None
Biologically Important Areas:	None
Bioregional Assessments:	None
Geological and Bioregional Assessments:	None

Details

Matters of National Environmental Significance

Listed Threatened Ecological Communities

[Resource Information]

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

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

Community Name	Threatened Category	Presence Text	Buffer Status
Brigalow (Acacia harpophylla dominant and co-dominant)	Endangered	Community known to occur within area	In feature area
Coolibah - Black Box Woodlands of the Darling Riverine Plains and the Brigalow Belt South Bioregions	Endangered	Community may occu within area	rIn buffer area only
Natural Grasslands of the Queensland Central Highlands and northern Fitzroy Basin	Endangered	Community likely to occur within area	In feature area
Poplar Box Grassy Woodland on Alluvial Plains	Endangered	Community likely to occur within area	In feature area
Semi-evergreen vine thickets of the Brigalow Belt (North and South) and Nandewar Bioregions	Endangered	Community likely to occur within area	In buffer area only
Weeping Myall Woodlands	Endangered	Community likely to occur within area	In feature area

Listed Threatened Species

[Resource Information

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	Buffer Status
BIRD			
Calidris ferruginea			
Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area	In feature area
Erythrotriorchis radiatus Red Goshawk [942]	Endangered	Species or species habitat known to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Falco hypoleucos Grey Falcon [929]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Geophaps scripta scripta Squatter Pigeon (southern) [64440]	Vulnerable	Species or species habitat known to occur within area	In feature area
Grantiella picta Painted Honeyeater [470]	Vulnerable	Species or species habitat known to occur within area	In feature area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Neochmia ruficauda ruficauda Star Finch (eastern), Star Finch (southern) [26027]	Endangered	Species or species habitat likely to occur within area	
Poephila cincta cincta Southern Black-throated Finch [64447]	Endangered	Species or species habitat may occur within area	In feature area
Rostratula australis Australian Painted Snipe [77037]	Endangered	Species or species habitat likely to occur within area	In feature area
Stagonopleura guttata Diamond Firetail [59398]	Vulnerable	Species or species habitat may occur within area	In feature area
Turnix melanogaster Black-breasted Button-quail [923]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
MAMMAL			
Chalinolobus dwyeri Large-eared Pied Bat, Large Pied Bat [183]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Dasyurus hallucatus Northern Quoll, Digul [Gogo-Yimidir], Wijingadda [Dambimangari], Wiminji [Martu] [331]	Endangered	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Macroderma gigas Ghost Bat [174]	Vulnerable	Species or species habitat may occur within area	In feature area
Nyctophilus corbeni Corben's Long-eared Bat, South-eastern Long-eared Bat [83395]	Vulnerable	Species or species habitat may occur within area	In feature area
Onychogalea fraenata Bridled Nail-tail Wallaby, Bridled Nailtail Wallaby [239]	Endangered	Species or species habitat known to occur within area	In buffer area only
Petauroides volans Greater Glider (southern and central) [254]	Endangered	Species or species habitat known to occur within area	In feature area
Petaurus australis australis Yellow-bellied Glider (south-eastern) [87600]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Phascolarctos cinereus (combined popul	ations of Old. NSW and th	ne ACT)	
Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) [85104]	Endangered	Species or species habitat known to occur within area	In feature area
Pteropus poliocephalus Grey-headed Flying-fox [186]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area	In buffer area only
PLANT			
Aristida annua [17906]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Arthraxon hispidus Hairy-joint Grass [9338]	Vulnerable	Species or species habitat likely to occur within area	_
Bertya opponens [13792]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Cadellia pentastylis Ooline [9828]	Vulnerable	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Daviesia discolor [3567]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
<u>Dichanthium queenslandicum</u> King Blue-grass [5481]	Endangered	Species or species habitat known to occur within area	In feature area
<u>Dichanthium setosum</u> bluegrass [14159]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Eucalyptus raveretiana Black Ironbox [16344]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Homoranthus decumbens a shrub [55186]	Endangered	Species or species habitat known to occur within area	In buffer area only
Leichhardtia brevifolia listed as Marsden [91893]	<u>ia brevifolia</u> Vulnerable	Species or species habitat may occur within area	In buffer area only
Logania diffusa [24159]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Macrozamia platyrhachis cycad [3412]	Endangered	Species or species habitat known to occur within area	In buffer area only
Phaius australis Lesser Swamp-orchid [5872]	Endangered	Species or species habitat known to occur within area	In buffer area only
Polianthion minutiflorum [82772]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Solanum dissectum [75720]	Endangered	Species or species habitat known to occur within area	In buffer area only
REPTILE			

Scientific Name	Threatened Category	Presence Text	Buffer Status
Delma torquata			
Adorned Delma, Collared Delma [1656]	Vulnerable	Species or species habitat known to occur within area	In feature area
Denisonia maculata			
Ornamental Snake [1193]	Vulnerable	Species or species habitat known to occur within area	In feature area
Egernia rugosa			
Yakka Skink [1420]	Vulnerable	Species or species habitat known to occur within area	In feature area
Elseya albagula			
Southern Snapping Turtle, White- throated Snapping Turtle [81648]	Critically Endangered	Species or species habitat known to occur within area	In feature area
Furina dunmalli			
Dunmall's Snake [59254]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Hemiaspis damelii			
Grey Snake [1179]	Endangered	Species or species habitat known to occur within area	In feature area
Lerista allanae			
Allan's Lerista, Retro Slider [1378]	Endangered	Species or species habitat may occur within area	In buffer area only
Rheodytes leukops			
Fitzroy River Turtle, Fitzroy Tortoise, Fitzroy Turtle, White-eyed River Diver [1761]	Vulnerable	Species or species habitat known to occur within area	In feature area
Listed Migratory Species		[Res	source Information 1
Scientific Name	Threatened Category	Presence Text	Buffer Status
Migratory Marine Birds	3 - 7		
Apus pacificus			
Fork-tailed Swift [678]		Species or species habitat likely to occur within area	In feature area
Migratory Terrestrial Species			
Cuculus optatus		On a siss	In faction
Oriental Cuckoo, Horsfield's Cuckoo [86651]		Species or species habitat may occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Hirundapus caudacutus			
White-throated Needletail [682]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat known to occur within area	In buffer area only
Motacilla flava			
Yellow Wagtail [644]		Species or species habitat may occur within area	In feature area
Myiagra cyanoleuca			
Satin Flycatcher [612]		Species or species habitat may occur within area	In feature area
Rhipidura rufifrons Rufous Fantail [592]		Species or species habitat may occur within area	In buffer area only
Symposiachrus trivirgatus as Monarch	a trivirgatus		
Spectacled Monarch [83946]		Species or species habitat may occur within area	In buffer area only
Migratory Wetlands Species			
Actitis hypoleucos			
Common Sandpiper [59309]		Species or species habitat may occur within area	In feature area
Calidris acuminata			
Sharp-tailed Sandpiper [874]		Species or species habitat known to occur within area	In feature area
Calidris ferruginea			
Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area	In feature area
Calidris melanotos			
Pectoral Sandpiper [858]		Species or species habitat may occur within area	In feature area
Gallinago hardwickii			
Latham's Snipe, Japanese Snipe [863		Species or species habitat known to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Pandion haliaetus			
Osprey [952]		Species or species habitat likely to occur within area	In buffer area only

Other Matters Protected by the EPBC Act

Commonwealth Lands [Resource Information]

The Commonwealth area listed below may indicate the presence of Commonwealth land in this vicinity. Due to the unreliability of the data source, all proposals should be checked as to whether it impacts on a Commonwealth area, before making a definitive decision. Contact the State or Territory government land department for further information.

Commonwealth Land Name	State	Buffer Status
Defence		
Defence - BLACKWATER TRAINING DEPOT [30270]	QLD	In buffer area only

Listed Marine Species		[Res	source Information
Scientific Name	Threatened Category	Presence Text	Buffer Status
Bird			
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area	In feature area
Anseranas semipalmata Magpie Goose [978]		Species or species habitat may occur within area overfly marine area	In feature area
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area overfly marine area	In feature area
Bubulcus ibis as Ardea ibis Cattle Egret [66521]		Species or species habitat may occur within area overfly marine area	In feature area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat known to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area overfly marine area	In feature area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area overfly marine area	In feature area
Chalcites osculans as Chrysococcyx osc Black-eared Cuckoo [83425]	<u>culans</u>	Species or species habitat likely to occur within area overfly marine area	In feature area
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]		Species or species habitat known to occur within area overfly marine area	In feature area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat likely to occur within area	In feature area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat may occur within area overfly marine area	In buffer area only
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area overfly marine area	In feature area
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat known to occur within area overfly marine area	In buffer area only
Motacilla flava Yellow Wagtail [644]		Species or species habitat may occur within area overfly marine area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Myiagra cyanoleuca Satin Flycatcher [612]		Species or species habitat may occur within area overfly marine area	In feature area
Pandion haliaetus Osprey [952]		Species or species habitat likely to occur within area	In buffer area only
Rhipidura rufifrons Rufous Fantail [592]		Species or species habitat may occur within area overfly marine area	In buffer area only
Rostratula australis as Rostratula bengh	alensis (sensu lato)		
Australian Painted Snipe [77037]	Endangered	Species or species habitat likely to occur within area overfly marine area	In feature area
Symposiachrus trivirgatus as Monarcha Spectacled Monarch [83946]	<u>trivirgatus</u>	Species or species habitat may occur within area overfly marine area	In buffer area only

Extra Information

State and Territory Reserves			[Resource Information]
Protected Area Name	Reserve Type	State	Buffer Status
Blackdown Tableland	National Park	QLD	In buffer area only
Blackwater	Conservation Park	QLD	In buffer area only
Ghungalu	Conservation Park	QLD	In buffer area only
Humboldt	National Park	QLD	In buffer area only
Kenmare	Nature Refuge	QLD	In buffer area only
Taunton NP	National Park (Scientific) QLD	In buffer area only
Wallaby Lane	Nature Refuge	QLD	In buffer area only

EPBC Act Referrals			[Resour	rce Information]
Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Blackwater Mine South Coking Coal Project	2022/09279		Assessment	In buffer area only
Coal Seam Gas Field Development for Natural Gas Liquefaction Park, Curtis Island	2008/4059		Post-Approval	In buffer area only
Comet Ridge Coal Mine, Comet, QLD	2015/7507		Post-Approval	In buffer area only
Development and operation of the Star Coal Project Bulk Sample Project	2023/09502		Completed	In buffer area only
Ensham Life of Mine Extension	2020/8669		Post-Approval	In buffer area only
rail track to link the proposed MIM Rolleston coal mine to existing rail network	2002/637		Post-Approval	In buffer area only
Controlled action				
Arcturus Coal Project; A combined open cut and underground longwall coal mine	2010/5783	Controlled Action	Completed	In buffer area only
Blackwater creek diversion and coal mine	2007/3925	Controlled Action	Post-Approval	In buffer area only
Blackwater to Gladstone Gas Pipeline Project	2011/6034	Controlled Action	Completed	In buffer area only
Bluff open cut coal mine project, central Queensland	2013/7064	Controlled Action	Post-Approval	In buffer area only
Bowen Gas Project	2012/6377	Controlled Action	Post-Approval	In feature area
Construct and operate a coal gasification plant and carbon dioxide capture and storage	2006/3040	Controlled Action	Completed	In feature area
Curragh Extension Project, Blackwater, QLD	2015/7508	Controlled Action	Post-Approval	In buffer area only
Curragh North Coal Mine	2003/1096	Controlled Action	Post-Approval	In buffer area only
Expansion of Ensham Mine	2004/1822	Controlled Action	Post-Approval	In buffer area only
Fairhill Coal Project	2019/8549	Controlled Action	Post-Approval	In buffer area only
Future Gas Supply Area Project	2012/6357	Controlled Action	Completed	In buffer area only

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Controlled action				
Jellinbah Coal Mine-Central North	2018/8139	Controlled Action	Post-Approval	In buffer area
Extension, QLD				only
Norwich Park & Blackwater CSG	2011/6032	Controlled Action	Completed	In feature area
Fields & supporting infrastructure			•	
Bowen Basin				
Namuich Park to Plackwater Coa	2011/6021	Controlled Action	Completed	In buffer area
Norwich Park to Blackwater Gas Pipeline	2011/6031	Controlled Action	Completed	only
<u>1 1501110</u>				Office
Santos GLNG Gas Field	2012/6615	Controlled Action	Post-Approval	In buffer area
Development Project, QLD				only
Springsure Creek Coal Project	2010/5782	Controlled Action	Post-Approval	In buffer area
<u>Springsure Greek Goar Project</u>	2010/3702	Controlled Action	r ust-Approvai	only
				- · · · y
Walton Coal Project, Bowen Basin,	2017/8077	Controlled Action	Assessment	In buffer area
<u>Qld</u>			Approach	only
Washpool Coal Mine Project	2009/5240	Controlled Action	Completed	In buffer area
<u>washpoor Coar wille Project</u>	2009/3240	Controlled Action	Completed	only
				· ,
ZeroGen Integrated Gasification	2009/5195	Controlled Action	Completed	In feature area
Combined Cycle Power Plant and				
CO2 Capture, Transport and Storage				
Not controlled action				
Blackwater System Rail Expansion	2011/6209	Not Controlled	Completed	In buffer area
Blackwater System Rail Expansion	2011/6209	Not Controlled Action	Completed	In buffer area only
	2011/6209		·	_
Blackwater System Rail Expansion Blackwater to Emerald Dual Circuit 132kV Powerline, QLD		Action	Completed	only
Blackwater to Emerald Dual Circuit 132kV Powerline, QLD	2012/6480	Action Not Controlled Action	Completed	only In buffer area only
Blackwater to Emerald Dual Circuit 132kV Powerline, QLD Curragh North Pit U Expansion		Action Not Controlled Action Not Controlled	·	only In buffer area only In buffer area
Blackwater to Emerald Dual Circuit 132kV Powerline, QLD	2012/6480	Action Not Controlled Action	Completed	only In buffer area only
Blackwater to Emerald Dual Circuit 132kV Powerline, QLD Curragh North Pit U Expansion Project	2012/6480	Action Not Controlled Action Not Controlled	Completed	only In buffer area only In buffer area
Blackwater to Emerald Dual Circuit 132kV Powerline, QLD Curragh North Pit U Expansion Project Development and operation of a new multi-seam underground coal mine	2012/6480	Action Not Controlled Action Not Controlled Action	Completed	only In buffer area only In buffer area only
Blackwater to Emerald Dual Circuit 132kV Powerline, QLD Curragh North Pit U Expansion Project Development and operation of a new	2012/6480	Action Not Controlled Action Not Controlled Action Not Controlled	Completed	only In buffer area only In buffer area only
Blackwater to Emerald Dual Circuit 132kV Powerline, QLD Curragh North Pit U Expansion Project Development and operation of a new multi-seam underground coal mine	2012/6480	Action Not Controlled Action Not Controlled Action Not Controlled	Completed	only In buffer area only In buffer area only
Blackwater to Emerald Dual Circuit 132kV Powerline, QLD Curragh North Pit U Expansion Project Development and operation of a new multi-seam underground coal mine with associated on-site infrastr	2012/6480	Action Not Controlled Action Not Controlled Action Not Controlled	Completed Completed Completed	only In buffer area only In buffer area only
Blackwater to Emerald Dual Circuit 132kV Powerline, QLD Curragh North Pit U Expansion Project Development and operation of a new multi-seam underground coal mine with associated on-site infrastr Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two	2012/6480 2010/5458 2011/5811	Action Not Controlled Action Not Controlled Action Not Controlled Action	Completed	In buffer area only In buffer area only In feature area
Blackwater to Emerald Dual Circuit 132kV Powerline, QLD Curragh North Pit U Expansion Project Development and operation of a new multi-seam underground coal mine with associated on-site infrastr	2012/6480 2010/5458 2011/5811	Action Not Controlled Action Not Controlled Action Not Controlled Action Not Controlled Action	Completed Completed Completed	In buffer area only In buffer area only In feature area
Blackwater to Emerald Dual Circuit 132kV Powerline, QLD Curragh North Pit U Expansion Project Development and operation of a new multi-seam underground coal mine with associated on-site infrastr Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia	2012/6480 2010/5458 2011/5811 2015/7522	Action Not Controlled Action Not Controlled Action Not Controlled Action Not Controlled Action	Completed Completed Completed	In buffer area only In buffer area only In feature area In feature area
Blackwater to Emerald Dual Circuit 132kV Powerline, QLD Curragh North Pit U Expansion Project Development and operation of a new multi-seam underground coal mine with associated on-site infrastr Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two	2012/6480 2010/5458 2011/5811	Action Not Controlled Action Not Controlled Action Not Controlled Action Not Controlled Action	Completed Completed Completed	In buffer area only In buffer area only In feature area
Blackwater to Emerald Dual Circuit 132kV Powerline, QLD Curragh North Pit U Expansion Project Development and operation of a new multi-seam underground coal mine with associated on-site infrastr Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia	2012/6480 2010/5458 2011/5811 2015/7522	Action Not Controlled Action	Completed Completed Completed	In buffer area only In buffer area only In feature area In feature area
Blackwater to Emerald Dual Circuit 132kV Powerline, QLD Curragh North Pit U Expansion Project Development and operation of a new multi-seam underground coal mine with associated on-site infrastr Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia Mackenzie North Project, QLD Mahalo Development Area CSG	2012/6480 2010/5458 2011/5811 2015/7522	Action Not Controlled Action	Completed Completed Completed	In buffer area only In buffer area only In feature area In feature area only In buffer area only In buffer area
Blackwater to Emerald Dual Circuit 132kV Powerline, QLD Curragh North Pit U Expansion Project Development and operation of a new multi-seam underground coal mine with associated on-site infrastr Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia Mackenzie North Project, QLD	2012/6480 2010/5458 2011/5811 2015/7522 2011/5873	Action Not Controlled Action	Completed Completed Completed Completed	In buffer area only In buffer area only In feature area In feature area only
Blackwater to Emerald Dual Circuit 132kV Powerline, QLD Curragh North Pit U Expansion Project Development and operation of a new multi-seam underground coal mine with associated on-site infrastr Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia Mackenzie North Project, QLD Mahalo Development Area CSG Project	2012/6480 2010/5458 2011/5811 2015/7522 2011/5873 2019/8534	Action Not Controlled Action	Completed Completed Completed Completed Completed Completed	In buffer area only In buffer area only In feature area In feature area only In buffer area only In buffer area only
Blackwater to Emerald Dual Circuit 132kV Powerline, QLD Curragh North Pit U Expansion Project Development and operation of a new multi-seam underground coal mine with associated on-site infrastr Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia Mackenzie North Project, QLD Mahalo Development Area CSG	2012/6480 2010/5458 2011/5811 2015/7522 2011/5873	Action Not Controlled Action	Completed Completed Completed Completed	In buffer area only In buffer area only In feature area In feature area only In buffer area only In buffer area
Blackwater to Emerald Dual Circuit 132kV Powerline, QLD Curragh North Pit U Expansion Project Development and operation of a new multi-seam underground coal mine with associated on-site infrastr Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia Mackenzie North Project, QLD Mahalo Development Area CSG Project Open Cut Coal Mine	2012/6480 2010/5458 2011/5811 2015/7522 2011/5873 2019/8534 2001/276	Action Not Controlled Action	Completed Completed Completed Completed Completed Completed Completed	In buffer area only In buffer area only In feature area In feature area only In buffer area only In buffer area only In buffer area only
Blackwater to Emerald Dual Circuit 132kV Powerline, QLD Curragh North Pit U Expansion Project Development and operation of a new multi-seam underground coal mine with associated on-site infrastr Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia Mackenzie North Project, QLD Mahalo Development Area CSG Project Open Cut Coal Mine Springsure Creek 132kV powerline	2012/6480 2010/5458 2011/5811 2015/7522 2011/5873 2019/8534	Action Not Controlled Action	Completed Completed Completed Completed Completed Completed	In buffer area only In buffer area only In feature area In feature area In buffer area only In buffer area
Blackwater to Emerald Dual Circuit 132kV Powerline, QLD Curragh North Pit U Expansion Project Development and operation of a new multi-seam underground coal mine with associated on-site infrastr Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia Mackenzie North Project, QLD Mahalo Development Area CSG Project Open Cut Coal Mine	2012/6480 2010/5458 2011/5811 2015/7522 2011/5873 2019/8534 2001/276	Action Not Controlled Action	Completed Completed Completed Completed Completed Completed Completed	In buffer area only In buffer area only In feature area In feature area only In buffer area only In buffer area only In buffer area only

Title of referral Not controlled action	Reference	Referral Outcome	Assessment Status	Buffer Status
Wilton Coking Coal Project, Bowen Basin, Qld	2019/8431	Not Controlled Action	Completed	In buffer area only
Not controlled action (particular manne	er)			
Blackwater to Rolleston 132 kV transmission line	2002/880	Not Controlled Action (Particular Manner)	Post-Approval	In feature area
Clearing of regrowth Brigalow	2003/962	Not Controlled Action (Particular Manner)	Post-Approval	In buffer area only
Curragh West Project	2011/6187	Not Controlled Action (Particular Manner)	Post-Approval	In buffer area only
Dingo West Coal Project	2010/5775	Not Controlled Action (Particular Manner)	Post-Approval	In buffer area only
Referral decision				
Proposal for open cut coal mining operation, central QLD	2013/6946	Referral Decision	Completed	In buffer area only

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 are 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

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

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

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
- 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.

© Commonwealth of Australia

Department of Climate Change, Energy, the Environment and Water

GPO Box 3090

Canberra ACT 2601 Australia

+61 2 6274 1111