



MANNERING COLLIERY

ENVIRONMENTAL ASSESSMENT

APPENDIX B **EXISTING FLORA & FAUNA DATABASE SEARCHES**

Table 1
Results from NSW Database Searches

		Conservation Status		Database Searches			
Common Name	Species Name	TSC Status ¹	EPBC Status ¹	ROTAP Species ²	Wildlife Atlas ³	BioNet ⁴	PlantNet ⁵
Flora							
Bynoe's Wattle	<i>Acacia bynoeana</i>	E	V	●	●		●
Charmhaven Apple	<i>Angophora inopina</i>	V	V	●	●		●
Leafless Tongue Orchid	<i>Cryptostylis hunteriana</i>	V	V	●	●		●
Black-eyed Susan	<i>Tetratheca juncea</i>	V	V	●	●		●
Heath Wrinklewort	<i>Rutidosis heterogama</i>	V	V	●			●
Fauna							
Wallum Froglet	<i>Crinia tinnula</i>						
Black Bittern	<i>Ixobrychus flavicollis</i>	V			●		
Glossy Black-Cockatoo	<i>Calyptorhynchus lathami</i>	V	E		●	●	
Black-necked Stork	<i>Ephippiorhynchus asiaticus</i>	E			●	●	
Superb Fruit-Dove	<i>Ptilinopus superbus</i>	V			●		
Regent Honeyeater	<i>Xanthomyza phrygia</i>	E	E		●	●	
Brown Treecreeper	<i>Climacteris picumnus</i>	V				●	
Swift Parrot	<i>Lathamus discolor</i>	E	E		●	●	
Barking Owl	<i>Ninox connivens</i>	V			●		
Powerful Owl	<i>N. strenua</i>	V			●		
Spotted-tailed Quoll	<i>Dasyurus maculatus</i>	V	E		●		
Squirrel Glider	<i>Petaurus norfolkensis</i>	V			●	●	
Koala	<i>Phascolarctos cinereus</i>	V			●	●	
Eastern Freetail-bat	<i>Mormopterus norfolkensis</i>	V			●	●	
Grey-headed Flying-fox	<i>Pteropus poliocephalus</i>	V	V		●	●	
Eastern False Pipistrelle	<i>Falsistrellus tasmaniensis</i>	V			●	●	
Little Bentwing-bat	<i>Miniopterus australis</i>	V			●	●	
Eastern Bentwing-bat	<i>Miniopterus schreibersii oceanensis</i>	V			●	●	
Large-footed Myotis	<i>Myotis adversus</i> Note: <i>M. adversus</i> is now described as <i>M. macropus</i> .	V			●	●	
Greater Broad-nosed Bat	<i>Scoteanax rueppellii</i>	V			●	●	
Eastern Cave Bat	<i>Vespadelus troughtoni</i>	V			●		
Green Turtle	<i>Chelonia mydas</i>	V	V		●	●	

¹Conservation Status: E – Endangered; V – Vulnerable.

• – Species listed in:

Sources ²Briggs & Leigh (2007). Rare Or Threatened Australian Plants, 4th Edition. CSIRO Publishing, ACT.

³Atlas of NSW Wildlife (2007). Records from the NPWS. Available from <http://wildlifeatlas.nationalparks.nsw.gov.au/wildlifeatlas/watlas.jsp>.

⁴BioNet (2007). Collections of the Australian Museum, DEC & DPI. Available from <http://www.bionet.nsw.gov.au/Area.cfm>.

⁵PlantNet (2007). FloraOnline. National Herbarium of NSW. Available from <http://plantnet.rbgsvd.nsw.gov.au/search/florasearch.htm>.

Table 2
Results from the Federal Database Search (EPBC Protected Matters Search Tool)¹

Listed Species		EPBC Status
Common Name	Species Name	
Threatened Species		
Birds		
Amsterdam Albatross	<u><i>Diomedea amsterdamensis</i></u>	Endangered
Antipodean Albatross	<u><i>Diomedea antipodensis</i></u>	Vulnerable
Tristan Albatross	<u><i>Diomedea dabbenena</i></u>	Endangered
Wandering Albatross	<u><i>Diomedea exulans</i></u>	Vulnerable
Gibson's Albatross	<u><i>Diomedea gibsoni</i></u>	Vulnerable
Swift Parrot	<u><i>Lathamus discolor</i></u>	Endangered
Southern Giant-Petrel	<u><i>Macronectes giganteus</i></u>	Endangered
Northern Giant-Petrel	<u><i>Macronectes halli</i></u>	Vulnerable
Gould's Petrel	<u><i>Pterodroma leucoptera leucoptera</i></u>	Endangered
Kermadec Petrel (western)	<u><i>Pterodroma neglecta neglecta</i></u>	Vulnerable
Australian Painted Snipe	<u><i>Rostratula australis</i></u>	Vulnerable
Buller's Albatross	<u><i>Thalassarche bulleri</i></u>	Vulnerable
Shy Albatross	<u><i>Thalassarche cauta</i></u>	Vulnerable
Campbell Albatross	<u><i>Thalassarche impavida</i></u>	Vulnerable
Black-browed Albatross	<u><i>Thalassarche melanophris</i></u>	Vulnerable
Salvin's Albatross	<u><i>Thalassarche salvini</i></u>	Vulnerable
White-capped Albatross	<u><i>Thalassarche steadi</i></u>	Vulnerable
Regent Honeyeater	<u><i>Xanthomyza phrygia</i></u>	Endangered
Frogs		
Giant Burrowing Frog	<u><i>Heleioporus australiacus</i></u>	Vulnerable
Green and Golden Bell Frog	<u><i>Litoria aurea</i></u>	Vulnerable
Littlejohn's Tree Frog, Heath Frog	<u><i>Litoria littlejohni</i></u>	Vulnerable
Stuttering Frog, Southern Barred Frog (in Victoria)	<u><i>Mixophyes balbus</i></u>	Vulnerable
Southern Barred Frog, Giant Barred Frog	<u><i>Mixophyes iteratus</i></u>	Endangered
Mammals		
Blue Whale	<u><i>Balaenoptera musculus</i></u>	Endangered
Large-eared Pied Bat, Large Pied Bat	<u><i>Chalinolobus dwyeri</i></u>	Vulnerable
Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population)	<u><i>Dasyurus maculatus maculatus (SE mainland population)</i></u>	Endangered
Southern Right Whale	<u><i>Eubalaena australis</i></u>	Endangered
Humpback Whale	<u><i>Megaptera novaeangliae</i></u>	Vulnerable
Brush-tailed Rock-wallaby	<u><i>Petrogale penicillata</i></u>	Vulnerable
Long-nosed Potoroo (SE mainland)	<u><i>Potorous tridactylus tridactylus</i></u>	Vulnerable
Grey-headed Flying-fox	<u><i>Pteropus poliocephalus</i></u>	Vulnerable
Ray-finned fishes		
Australian Grayling	<u><i>Prototroctes maraena</i></u>	Vulnerable
Reptiles		
Green Turtle	<u><i>Chelonia mydas</i></u>	Vulnerable

Listed Species		EPBC Status
Common Name	Species Name	
Leathery Turtle, Leatherback Turtle, Luth	<u><i>Dermochelys coriacea</i></u>	Vulnerable
Broad-headed Snake	<u><i>Hoplocephalus bungaroides</i></u>	Vulnerable
Sharks		
Grey Nurse Shark (east coast population)	<u><i>Carcharias taurus (east coast population)</i></u>	Critically Endangered
Great White Shark	<u><i>Carcharodon carcharias</i></u>	Vulnerable
Whale Shark	<u><i>Rhincodon typus</i></u>	Vulnerable
Plants		
Bynoe's Wattle, Tiny Wattle	<u><i>Acacia bynoeana</i></u>	Vulnerable
	<u><i>Angophora inopina</i></u>	Vulnerable
Thick-lipped Spider-orchid, Daddy Long-legs	<u><i>Caladenia tessellata</i></u>	Vulnerable
Leafless Tongue-orchid	<u><i>Cryptostylis hunteriana</i></u>	Vulnerable
Newcastle Doubletail	<u><i>Diuris praecox</i></u>	Vulnerable
Camfield's Stringybark	<u><i>Eucalyptus camfieldii</i></u>	Vulnerable
	<u><i>Grevillea parviflora subsp. parviflora</i></u>	Vulnerable
	<u><i>Microtis angusii</i></u>	Endangered
Magenta Lilly Pilly, Magenta Cherry, Pocket-less Brush Cherry, Scrub Cherry, Creek Lilly Pilly, Brush Cherry	<u><i>Syzygium paniculatum</i></u>	Vulnerable
	<u><i>Tetratheca juncea</i></u>	Vulnerable
Migratory Terrestrial Birds		
White-bellied Sea-Eagle	<u><i>Haliaeetus leucogaster</i></u>	Migratory
White-throated Needletail	<u><i>Hirundapus caudacutus</i></u>	Migratory
Rainbow Bee-eater	<u><i>Merops ornatus</i></u>	Migratory
Black-faced Monarch	<u><i>Monarcha melanopsis</i></u>	Migratory
Satin Flycatcher	<u><i>Myiagra cyanoleuca</i></u>	Migratory
Rufous Fantail	<u><i>Rhipidura rufifrons</i></u>	Migratory
Regent Honeyeater	<u><i>Xanthomyza phrygia</i></u>	Migratory
Migratory Wetland Birds		
Sharp-tailed Sandpiper	<u><i>Calidris acuminata</i></u>	Migratory
Lesser Sand Plover, Mongolian Plover	<u><i>Charadrius mongolus</i></u>	Migratory
Latham's Snipe, Japanese Snipe	<u><i>Gallinago hardwickii</i></u>	Migratory
Eastern Curlew	<u><i>Numenius madagascariensis</i></u>	Migratory
Pacific Golden Plover	<u><i>Pluvialis fulva</i></u>	Migratory
Painted Snipe	<u><i>Rostratula benghalensis s. lat.</i></u>	Migratory
Migratory Marine Birds		
Amsterdam Albatross	<u><i>Diomedea amsterdamensis</i></u>	Migratory
Antipodean Albatross	<u><i>Diomedea antipodensis</i></u>	Migratory
Tristan Albatross	<u><i>Diomedea dabbenena</i></u>	Migratory
Wandering Albatross	<u><i>Diomedea exulans</i></u>	Migratory
Gibson's Albatross	<u><i>Diomedea gibsoni</i></u>	Migratory
Southern Giant-Petrel	<u><i>Macronectes giganteus</i></u>	Migratory
Northern Giant-Petrel	<u><i>Macronectes halli</i></u>	Migratory

Listed Species		EPBC Status
Common Name	Species Name	
Gould's Petrel	<u><i>Pterodroma leucoptera leucoptera</i></u>	Migratory
Sooty Shearwater	<u><i>Puffinus griseus</i></u>	Migratory
Streaked Shearwater	<u><i>Puffinus leucomelas</i></u>	Migratory
Wedge-tailed Shearwater	<u><i>Puffinus pacificus</i></u>	Migratory
Short-tailed Shearwater	<u><i>Puffinus tenuirostris</i></u>	Migratory
Buller's Albatross	<u><i>Thalassarche bulleri</i></u>	Migratory
Shy Albatross	<u><i>Thalassarche cauta</i></u>	Migratory
Campbell Albatross	<u><i>Thalassarche impavida</i></u>	Migratory
Black-browed Albatross	<u><i>Thalassarche melanophris</i></u>	Migratory
Salvin's Albatross	<u><i>Thalassarche salvini</i></u>	Migratory
White-capped Albatross	<u><i>Thalassarche steadi</i></u>	Migratory
Migratory Marine Species		
Mammals		
Bryde's Whale	<u><i>Balaenoptera edeni</i></u>	Migratory
Blue Whale	<u><i>Balaenoptera musculus</i></u>	Migratory
Pygmy Right Whale	<u><i>Caperea marginata</i></u>	Migratory
Southern Right Whale	<u><i>Eubalaena australis</i></u>	Migratory
Dusky Dolphin	<u><i>Lagenorhynchus obscurus</i></u>	Migratory
Humpback Whale	<u><i>Megaptera novaeangliae</i></u>	Migratory
Killer Whale, Orca	<u><i>Orcinus orca</i></u>	Migratory
Reptiles		
Green Turtle	<u><i>Chelonia mydas</i></u>	Migratory
Leathery Turtle, Leatherback Turtle, Luth	<u><i>Dermochelys coriacea</i></u>	Migratory
Sharks		
Great White Shark	<u><i>Carcharodon carcharias</i></u>	Migratory
Whale Shark	<u><i>Rhincodon typus</i></u>	Migratory

Other Matters Protected by the EPBC Act

Listed Marine Species		EPBC Status
Common Name	Species Name	
Birds		
Fork-tailed Swift	<u><i>Apus pacificus</i></u>	Listed - overfly marine area
Great Egret, White Egret	<u><i>Ardea alba</i></u>	Listed - overfly marine area
Cattle Egret	<u><i>Ardea ibis</i></u>	Listed - overfly marine area
Sharp-tailed Sandpiper	<u><i>Calidris acuminata</i></u>	Listed
Streaked Shearwater	<u><i>Calonectris leucomelas</i></u>	Listed
Great Skua	<u><i>Catharacta skua</i></u>	Listed
Lesser Sand Plover, Mongolian Plover	<u><i>Charadrius mongolus</i></u>	Listed
Amsterdam Albatross	<u><i>Diomedea amsterdamensis</i></u>	Listed
Antipodean Albatross	<u><i>Diomedea antipodensis</i></u>	Listed
Tristan Albatross	<u><i>Diomedea dabbenena</i></u>	Listed
Wandering Albatross	<u><i>Diomedea exulans</i></u>	Listed

Listed Marine Species		EPBC Status
Common Name	Species Name	
Gibson's Albatross	<u><i>Diomedea gibsoni</i></u>	Listed
Little Penguin	<u><i>Eudyptula minor</i></u>	Listed
Latham's Snipe, Japanese Snipe	<u><i>Gallinago hardwickii</i></u>	Listed - overfly marine area
White-bellied Sea-Eagle	<u><i>Haliaeetus leucogaster</i></u>	Listed
White-throated Needletail	<u><i>Hirundapus caudacutus</i></u>	Listed - overfly marine area
Swift Parrot	<u><i>Lathamus discolor</i></u>	Listed - overfly marine area
Southern Giant-Petrel	<u><i>Macronectes giganteus</i></u>	Listed
Northern Giant-Petrel	<u><i>Macronectes halli</i></u>	Listed
Rainbow Bee-eater	<u><i>Merops ornatus</i></u>	Listed - overfly marine area
Black-faced Monarch	<u><i>Monarcha melanopsis</i></u>	Listed - overfly marine area
Satin Flycatcher	<u><i>Myiagra cyanoleuca</i></u>	Listed - overfly marine area
Eastern Curlew	<u><i>Numenius madagascariensis</i></u>	Listed
White-faced Storm-Petrel	<u><i>Pelagodroma marina</i></u>	Listed
Pacific Golden Plover	<u><i>Pluvialis fulva</i></u>	Listed
Sooty Shearwater	<u><i>Puffinus griseus</i></u>	Listed
Wedge-tailed Shearwater	<u><i>Puffinus pacificus</i></u>	Listed
Short-tailed Shearwater	<u><i>Puffinus tenuirostris</i></u>	Listed
Rufous Fantail	<u><i>Rhipidura rufifrons</i></u>	Listed - overfly marine area
Painted Snipe	<u><i>Rostratula benghalensis s. lat.</i></u>	Listed - overfly marine area
Little Tern	<u><i>Sterna albigrons</i></u>	Listed
Buller's Albatross	<u><i>Thalassarche bulleri</i></u>	Listed
Shy Albatross	<u><i>Thalassarche cauta</i></u>	Listed
Yellow-nosed Albatross, Atlantic Yellow-nosed Albatross	<u><i>Thalassarche chlororhynchos</i></u>	Listed
Campbell Albatross	<u><i>Thalassarche impavida</i></u>	Listed
Black-browed Albatross	<u><i>Thalassarche melanophris</i></u>	Listed
Salvin's Albatross	<u><i>Thalassarche salvini</i></u>	Listed
White-capped Albatross	<u><i>Thalassarche steadi</i></u>	Listed
Mammals		
New Zealand Fur-seal	<u><i>Arctocephalus forsteri</i></u>	Listed
Australian Fur-seal, Australo-African Fur-seal	<u><i>Arctocephalus pusillus</i></u>	Listed
Ray-finned fishes		
Hairy Pygmy Pipehorse	<u><i>Acentronura tentaculata</i></u>	Listed
Girdled Pipefish	<u><i>Festucalex cinctus</i></u>	Listed
Tiger Pipefish	<u><i>Filicampus tigris</i></u>	Listed
Upside-down Pipefish	<u><i>Heraldia nocturna</i></u>	Listed
Beady Pipefish, Steep-nosed Pipefish	<u><i>Hippichthys penicillus</i></u>	Listed
Eastern Potbelly Seahorse, New Zealand Potbelly, Seahorse, Bigbelly Seahorse	<u><i>Hippocampus abdominalis</i></u>	Listed
White's Seahorse, Crowned Seahorse, Sydney Seahorse	<u><i>Hippocampus whitei</i></u>	Listed
Briggs' Crested Pipefish, Briggs' Pipefish	<u><i>Histiogamphelus briggsii</i></u>	Listed
Javelin Pipefish	<u><i>Lissocampus runa</i></u>	Listed
Sawtooth Pipefish	<u><i>Maroubra perserrata</i></u>	Listed

Listed Marine Species		EPBC Status
Common Name	Species Name	
Red Pipefish	<u><i>Notiocampus ruber</i></u>	Listed
Weedy Seadragon, Common Seadragon	<u><i>Phyllopteryx taeniolatus</i></u>	Listed
Spiny Pipehorse, Australian Spiny Pipehorse	<u><i>Solegnathus spinosissimus</i></u>	Listed
Blue-finned Ghost Pipefish, Robust Ghost Pipefish	<u><i>Solenostomus cyanopterus</i></u>	Listed
Harlequin Ghost Pipefish, Ornate Ghost Pipefish	<u><i>Solenostomus paradoxus</i></u>	Listed
Spotted Pipefish	<u><i>Stigmatopora argus</i></u>	Listed
Wide-bodied Pipefish, Black Pipefish	<u><i>Stigmatopora nigra</i></u>	Listed
Double-ended Pipehorse, Alligator Pipefish	<u><i>Syngnathoides biaculeatus</i></u>	Listed
Bend Stick Pipefish, Short-tailed Pipefish	<u><i>Trachyrhamphus bicoarctatus</i></u>	Listed
Hairy Pipefish	<u><i>Urocampus carinirostris</i></u>	Listed
Mother-of-pearl Pipefish	<u><i>Vanacampus margaritifer</i></u>	Listed
Reptiles		
Green Turtle	<u><i>Chelonia mydas</i></u>	Listed
Leathery Turtle, Leatherback Turtle, Luth	<u><i>Dermochelys coriacea</i></u>	Listed
Yellow-bellied Seasnake	<u><i>Pelamis platurus</i></u>	Listed
Whales and Other Cetaceans		Status
Minke Whale	<u><i>Balaenoptera acutorostrata</i></u>	Cetacean
Bryde's Whale	<u><i>Balaenoptera edeni</i></u>	Cetacean
Blue Whale	<u><i>Balaenoptera musculus</i></u>	Cetacean
Pygmy Right Whale	<u><i>Caperea marginata</i></u>	Cetacean
Common Dolphin	<u><i>Delphinus delphis</i></u>	Cetacean
Southern Right Whale	<u><i>Eubalaena australis</i></u>	Cetacean
Risso's Dolphin, Grampus	Grampus griseus	Cetacean
Dusky Dolphin	<u><i>Lagenorhynchus obscurus</i></u>	Cetacean
Humpback Whale	<u><i>Megaptera novaeangliae</i></u>	Cetacean
Killer Whale, Orca	<u><i>Orcinus orca</i></u>	Cetacean
Spotted Dolphin, Pantropical Spotted Dolphin	<u><i>Stenella attenuata</i></u>	Cetacean
Spotted Bottlenose Dolphin	<u><i>Tursiops aduncus</i></u>	Cetacean
Bottlenose Dolphin	<u><i>Tursiops truncatus s. str.</i></u>	Cetacean

¹Source: DEWR (2007) Protected Matters Search Tool. Available from <http://www.environment.gov.au/erin/ert/epbc/index.html>.