



Appendix A: Tanjong Rimau Lit Review Species List

Scientific Name	Common name	Taxon database	Taxon	National Status	Status Reference	Reference	Lit review	Recorded in 2024 rapid survey?
<i>Ligia sp.</i>	Sea slaters	Arthropod	NA	NA	NA	DHI,2005	Yes	No
Tachyplesus gigas	Horseshoe crab	Arthropod	NA	Vulnerable	RDB3	Camphora, 2021	Yes	No
<i>Talitrus sp.</i>	Sand hoppers	Arthropod	NA	NA	NA	DHI,2005	Yes	No
Cirripedia Subclass	Barnacle	Barnacle	NA	NA	NA	A Cinnamon Bun, 2021	Yes	Yes*
<i>Anthreptes malacensis</i>	Brown-throated Sunbird	Bird	NA	Least Concern	RDB3	Enviro Pro Green Innovations, 2018	Yes	No
<i>Todiramphus chloris</i>	Collared Kingfisher	Bird	NA	Least Concern	RDB3	Enviro Pro Green Innovations, 2018	Yes	Yes
<i>Elymnias hypermnestra agina</i>	Common Palmfly	Butterfly	NA	Least Concern	RDB3	Enviro Pro Green Innovations, 2018	Yes	No
<i>Graphium sarpedon luctatus</i>	Common Bluebottle	Butterfly	NA	Least Concern	RDB3	Enviro Pro Green Innovations, 2018	Yes	No
<i>Acropora sp.</i>	Acropora coral	Cnidarian	Hard coral	NA	NA	Yeo, 2010	Yes	No
Actiniaria Order	-	Cnidarian	Anemone	NA	NA	Camphora, 2021	Yes	No
Alcyoniidae Family	Leathery coral	Cnidarian	Soft coral	NA	NA	Koh Seng, 2009	Yes	No
Anthopleura buddemeieri	Pink-spotted bead anemones	Cnidarian	Anemone	Endangered	RDB3	Tan, 2011	Yes	No
<i>Anthopleura dixianana</i>	Banded Bead Anemone	Cnidarian	Anemone	Least Concern	RDB3	Tan, 2011	Yes	No
<i>Briareum sp.</i>	Fine feathery soft coral	Cnidarian	Soft coral	NA	NA	Enviro Pro Green Innovations, 2018; Tan, 2016	Yes	No
Ceriantharia Order	#N/A	#N/A	Anemone	NA	NA	-	No	Yes
Corallimorpharia Order	Corallimorphs	Cnidarian	Corallimorph	NA	NA	Tan, 2019	Yes	No
<i>Cyphastrea sp.</i>	Meteor coral	Cnidarian	Hard coral	NA	NA	Enviro Pro Green Innovations, 2018	Yes	No
<i>Echinophyllia aspera</i>	Flat lettuce coral	Cnidarian	Hard coral	Least Concern	RDB3	Tan, 2019	Yes	No
<i>Favia sp.</i>	Favid	Cnidarian	Hard coral	NA	NA	Tan, 2009	Yes	Yes*
<i>Goniopora sp.</i>	Goniopora coral	Cnidarian	Hard coral	NA	NA	Enviro Pro Green Innovations, 2018; Tan, 2016	Yes	Yes*
<i>Heliopora coerulea</i>	#N/A	#N/A	Hard coral	Not Listed	RDB3	-	No	Yes
<i>Hydnophora exesa</i>	Boulder horn coral	Cnidarian	Hard coral	Least Concern	RDB3	Tan, 2021	Yes	No
<i>Isactinia citrina</i>	Posy anemone	Cnidarian	Anemone	Least Concern	RDB3	Enviro Pro Green Innovations, 2018; Tan, 2011	Yes	No
Merulinidae Family	#N/A	#N/A	Hard coral	NA	NA	-	No	Yes
<i>Metapeachia tropica</i>	Peachia anemone	Cnidarian	Hard coral	Least Concern	RDB3	Tan, 2011	Yes	No
<i>Montipora sp.</i>	-	Cnidarian	Hard coral	NA	NA	Yeo, 2010	Yes	Yes*
<i>Oulastrea crispata</i>	#N/A	#N/A	Hard coral	#N/A	RDB3	-	No	Yes
<i>Pectinia sp.</i>	-	Cnidarian	Hard coral	NA	NA	DHI,2005	Yes	No
<i>Phymanthus pinnulatus</i>	Banded Frilly Anemone; Frilly Anemone; Plain Frilly Anemone; Sand Anemone; Smooth Anemone	Cnidarian	Anemone	Least Concern	RDB3	Yap et al., 2019	Yes	No
<i>Phymanthus sp.</i>	Banded frilly anemone	Cnidarian	Anemone	NA	NA	Enviro Pro Green Innovations, 2018; Tan, 2009	Yes	Yes*
<i>Platygyra sp.</i>	-	Cnidarian	Hard coral	NA	NA	A Cinnamon Bun, 2021	Yes	No
<i>Platygyra sp.</i>	#N/A	#N/A	Hard coral	NA	NA	-	No	Yes
<i>Pocillopora sp.</i>	#N/A	#N/A	Hard coral	NA	NA	-	No	Yes
Polyphyllia talpina	Mole mushroom coral	Cnidarian	Hard coral	Vulnerable	RDB3	Koh Seng, 2009	Yes	No
<i>Porites sp.</i>	Porites	Cnidarian	Hard coral	NA	NA	Tan, 2009	Yes	Yes*
<i>Psammocora cantigua</i>	Crinkled sandpaper coral	Cnidarian	Hard coral	Near Threatened	RDB3	Tan,2016; Koh Seng 2009	Yes	No
<i>Sansiba flava</i>	Broad feathery soft coral	Cnidarian	Soft coral	Least Concern	RDB3	Tan, 2019; Camphora, 2021	Yes	No
<i>Sarcophyton sp.</i>	Omelette leathery soft coral	Cnidarian	Soft coral	NA	NA	Tan, 2019; Koh Seng, 2009; Camphora, 2021	Yes	Yes*
<i>Sinularia sp.</i>	-	Cnidarian	Soft coral	NA	NA	Camphora, 2021	Yes	No
<i>Stichodactyla gigantea</i>	Giant carpet anemone	Cnidarian	Anemone	Least Concern	RDB3	Tan, 2011; Tan,2016; Tan, 2019	Yes	Yes
<i>Stichodactyla haddoni</i>	Haddon's carpet anemone	Cnidarian	Anemone	Least Concern	RDB3	Tan, 2011; Tan,2016	Yes	No
Stylophora pistillata	Smooth cauliflower coral	Cnidarian	Hard coral	Critically Endangered	RDB3	Tan, 2016	Yes	No
<i>Turbinaria peltata</i>	Flowerly disk coral	Cnidarian	Hard coral	Least Concern	RDB3	Tan,2016; Camphora, 2021	Yes	No
<i>Xestospongia testudinaria</i>	Barrel Sponge	Cnidarian	Sponge	Least Concern	RDB3	Camphora, 2021	Yes	No
<i>Zoanthus sp.</i>	Button zoanthid	Cnidarian	Zoanthid	NA	NA	Enviro Pro Green Innovations, 2018; Tan, 2019	Yes	Yes*
Alpheidae Family	Snapping shrimp	Decapod	NA	NA	NA	Enviro Pro Green Innovations, 2018; A Cinnamon Bun, 2021	Yes	Yes*
<i>Ancylorhis brevicarpalis</i>	#N/A	#N/A	NA	Not Listed	RDB3	-	No	Yes
Atergatis floridus	Brown egg crab	Decapod	NA	Vulnerable	RDB3	Koh Seng, 2009	Yes	No
<i>Atergatis integerrimus</i>	Red egg crab	Decapod	NA	Near Threatened	RDB3	Tan, 2009; Koh Seng, 2009	Yes	No
Eriphia ferox	Red-eyed reef crab	Decapod	NA	Vulnerable	RDB3	A Cinnamon Bun, 2021; Enviro Pro Green Innovations, 2018; Tan, 2019	Yes	No
<i>Etisus laevimanus</i>	Smooth spooner crab	Decapod	NA	Not Listed	RDB3	Yeo, 2010	Yes	No
Gomezia bicornis	Masked burrowing crab	Decapod	NA	Vulnerable	RDB3	Tan, 2019; Ng, 2016	Yes	No
<i>Lophozozymus pictor</i>	Mosaic reef crab	Decapod	NA	Near Threatened	RDB3	Koh Seng, 2009	Yes	No
<i>Metopograpsus sp.</i>	Purple Clamber Crab	Decapod	NA	NA	NA	Yeo, 2010; A Cinnamon Bun, 2021; Tan, 2019; Neo et al., 2024	Yes	No
<i>Palaemon sp.</i>	-	Decapod	NA	NA	NA	Camphora, 2021	Yes	No
<i>Perilimnes brevicarpalis</i>	Peacock-tail anemone shrimp	Decapod	NA	Not Listed	RDB3	Tan, 2011; Tan, 2023	Yes	Yes
<i>Pilodius sp.</i>	Rock Crab	Decapod	NA	NA	NA	Neo et al., 2024	Yes	Yes*
<i>Pilumnus vespertilio</i>	Common hairy crab	Decapod	NA	Not Listed	RDB3	Enviro Pro Green Innovations, 2018; A Cinnamon Bun, 2021; DHI, 2005	Yes	Yes
<i>Porcellanella sp.</i>	Porcelain crab	Decapod	NA	NA	NA	A Cinnamon Bun, 2021	Yes	No
Portunidae Family	-	Decapod	NA	NA	NA	Yeo, 2010	Yes	No
<i>Pseudopaguristes monoporus</i>	Banded hermit crab	Decapod	NA	Not Listed	RDB3	Tan, 2009	Yes	No
<i>Scopimera sp.</i>	Sand bubbler crab	Decapod	NA	NA	NA	Tan, 2019	Yes	No
<i>Thalamita prymna</i>	Blue-spined swimming crab	Decapod	NA	Not Listed	RDB3	Enviro Pro Green Innovations, 2018; A Cinnamon Bun, 2021	Yes	No
<i>Uca sp.</i>	Fiddler crab	Decapod	NA	NA	NA	A Cinnamon Bun, 2021	Yes	No
Xanthidae Family	-	Decapod	NA	NA	NA	Camphora, 2021	Yes	No
Afroccumis africana	Little African sea cucumber	Echinoderm	NA	Vulnerable	RDB3	Tan, 2011	Yes	No
<i>Arachnoides placenta</i>	Cake sand dollar	Echinoderm	NA	Not Listed	RDB3	Tan, 2019; A Cinnamon Bun, 2021; Koh Seng, 2009; Yeo, 2010	Yes	No
Archaster typicus	Common sea star	Echinoderm	NA	Vulnerable	RDB3	Tan, 2023; Koh Seng, 2009	Yes	No
<i>Brissus latecarinatus</i>	Heart urchin	Echinoderm	NA	Not Listed	RDB3	Camphora, 2021	Yes	No
Clypeasteroidea Order	#N/A	#N/A	NA	NA	NA	-	No	Yes
<i>Culcita novaeguineae</i>	Cushion star	Echinoderm	NA	Not Listed	RDB3	A Cinnamon Bun, 2021; Yeo, 2010	Yes	No
Holothuria leucospilota	Black sea cucumber	Echinoderm	NA	Endangered	RDB3	Enviro Pro Green Innovations, 2018; A Cinnamon Bun, 2021; Camphora, 2021; Kwek, 2023	Yes	Yes
<i>Macrophiothrix longipeda</i>	Very long-armed brittle star	Echinoderm	NA	Data Deficient	RDB3	Camphora, 2021	Yes	No
Stellaster childreni	Galloping sand star	Echinoderm	NA	Vulnerable	RDB3	Yeo, 2010	Yes	No
<i>Batrachomoeus trispinosus</i>	Three-spined toadfish	Fish	NA	Least Concern	RDB3	Koh Seng, 2009	Yes	No
Carcharhinus melanopterus	Blacktip reef shark	Fish	NA	Endangered	RDB3	Camphora, 2021	Yes	No
<i>Chelmon rostratus</i>	Copperband butterflyfish	Fish	NA	Least Concern	RDB3	Tan, 2015	Yes	No
<i>Congrogadus subducens</i>	Carpet eel-blenny	Fish	NA	Least Concern	RDB3	Camphora, 2021	Yes	Yes
<i>Diadon hystrix</i>	Spotted porcupinefish	Fish	NA	Least Concern	RDB3	Tan & Lim, 2022	Yes	No
<i>Gymnothorax tile</i>	Estuarine moray	Fish	NA	Least Concern	RDB3	Yeo, 2010	Yes	No
<i>Lactoria cornuta</i>	Longhorn pufferfish	Fish	NA	Data Deficient	RDB3	Camphora, 2021	Yes	No
Lophiocharon trisignatus	Three-spot frogfish	Fish	NA	Endangered	RDB3	Yeo, 2010	Yes	No
Monacanthidae Family	Filefish	Fish	NA	NA	NA	Tan, 2015	Yes	No
<i>Paracentropogon longispinis</i>	Longspined waspfish	Fish	NA	Data Deficient	RDB3	Tan, 2015	Yes	No
<i>Pelates quadrilineatus</i>	Fourlined terapon	Fish	NA	Least Concern	RDB3	Camphora, 2021	Yes	No
<i>Synanceia sp.</i>	Stonefish	Fish	NA	NA	NA	Kwek, 2023	Yes	No
Taeniura lymna	Blue-spotted fantail ray	Fish	NA	Vulnerable	RDB3	Tan, 2015	Yes	Yes
<i>Macaca fascicularis</i>	Long-tailed macaque	Mammal	NA	Least Concern	RDB3	Tan, 2011	Yes	No
<i>Acanthopleura gemmata</i>	Gemmate chiton; Jewelled chiton	Mollusc	NA	Near Threatened	RDB3	Tan, 2011	Yes	Yes
Arcidae Family	Ark	Mollusc	NA	NA	NA	Camphora, 2021	Yes	No
<i>Anadara sp.</i>	Blood cockle	Mollusc	NA	NA	NA	Camphora, 2021	Yes	No
<i>Babatia sp.</i>	#N/A	#N/A	NA	NA	NA	-	No	Yes
<i>Canarium urceus</i>	Little bear conch; Siput gonggong;	Mollusc	NA	Least Concern	RDB3	Camphora, 2021	Yes	Yes
<i>Cerithium coralium</i>	Coral cerith	Mollusc	NA	Not Listed	RDB3	Camphora, 2021	Yes	No

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<i>Cerithium zonatum</i>	-	Mollusc	NA	Least Concern	RDB3	Camphora, 2021	Yes	No
<i>Chicoreus</i> sp.	#N/A	#N/A	NA	NA	NA	-	No	Yes
<i>Chromodoris lineolata</i>	Lined chromodoris nudibranch	Mollusc	NA	Not Listed	RDB3	Camphora, 2021	Yes	No
<i>Clypeomorus batillariaeformis</i>	#N/A	#N/A	NA	Not Listed	RDB3	-	No	Yes*
<i>Clypeomorus</i> sp.	Sea snail	Mollusc	NA	NA	NA	A Cinnamon Bun, 2021	Yes	No
<i>Corculum cardissa</i>	Heart cockle	Mollusc	NA	Near Threatened	RDB3	Tan, 2019	Yes	No
<i>Costasiella</i> sp.	Costasiella sea slug	Mollusc	NA	NA	NA	Yeo, 2010	Yes	No
<i>Cypraea tigris</i>	Tiger cowrie	Mollusc	NA	Endangered	RDB3	A Cinnamon Bun, 2021; Tay et al., 2023	Yes	No
<i>Doriprismatica atromarginata</i>	Cheesecake nudibranch	Mollusc	NA	Not Listed	RDB3	Tan, 2019; Camphora, 2021	Yes	No
<i>Drupella margariticola</i>	-	Mollusc	NA	Least Concern	RDB3	Camphora, 2021	Yes	No
<i>Elysia ornata</i>	-	Mollusc	NA	Not Listed	RDB3	Camphora, 2021	Yes	No
<i>Erronea ovum</i>	-	Mollusc	NA	Least Concern	RDB3	Camphora, 2021	Yes	Yes
<i>Euplia scripta</i>	-	Mollusc	NA	Least Concern	RDB3	Camphora, 2021	Yes	Yes
<i>Gafrarium divaricatum</i>	Forked venus	Mollusc	NA	Least Concern	RDB3	Camphora, 2021	Yes	No
<i>Hyphantosoma limatulum</i>	Venus Clam	Mollusc	NA	Not Listed	RDB3	Tan SK, 2023	Yes	No
<i>Idiosepiidae</i> Family	#N/A	#N/A	NA	NA	NA	-	No	Yes
<i>Jorunna funebris</i>	Polka-dot nudibranch	Mollusc	NA	Not Listed	RDB3	Koh Seng, 2009	Yes	No
<i>Laevitrombus canarium</i>	Gong gong snail	Mollusc	NA	Not Listed	RDB3	Enviro Pro Green Innovations, 2018; Tan, 2019	Yes	No
<i>Lambis lambis</i>	Common spider conch	Mollusc	NA	Near Threatened	RDB3	Tan, 2020	Yes	No
<i>Lamellaria</i> sp.	-	Mollusc	NA	NA	NA	Tan & Lim, 2022	Yes	No
<i>Limaria</i> sp.	Swimming file clam	Mollusc	NA	NA	NA	Tan & Lim, 2021	Yes	No
<i>Monodontia labio</i>	#N/A	#N/A	NA	Not Listed	RDB3	-	No	Yes
<i>Morula rumphiusi</i>	Dark drill	Mollusc	NA	Not Listed	RDB3	Camphora, 2021	Yes	No
<i>Nassarius crenoliratus</i>	#N/A	#N/A	NA	Not Listed	RDB3	-	No	Yes
<i>Nassarius nadiferus</i>	#N/A	#N/A	NA	Not Listed	RDB3	-	No	Yes
<i>Naticidae</i> Family	Nerite snail	Mollusc	NA	NA	NA	A Cinnamon Bun, 2021; Koh Seng, 2009, DHI, 2005	Yes	No
<i>Nerita chamaeleon</i>	#N/A	#N/A	NA	Not Listed	RDB3	-	No	Yes
<i>Nerita histrio</i>	#N/A	#N/A	NA	Not Listed	RDB3	-	No	Yes
<i>Nerita undata</i>	Waved nerite snail	Mollusc	NA	Not Listed	RDB3	Ming, 2019	Yes	Yes
<i>Octopodiidae</i> Superfamily	Reef octopus	Mollusc	NA	NA	NA	Camphora, 2021; A Cinnamon Bun, 2021	Yes	No
<i>Ostreidae</i> Family	Oyster	Mollusc	NA	NA	NA	A Cinnamon Bun, 2021	Yes	No
<i>Pardalinops testudinaria</i>	#N/A	#N/A	NA	Not Listed	RDB3	-	No	Yes
<i>Pectinidae</i> Family	Scallop	Mollusc	NA	NA	NA	Enviro Pro Green Innovations, 2018; A Cinnamon Bun,	Yes	No
<i>Phyllodesmium briareum</i>	-	Mollusc	NA	Not Listed	RDB3	Koh Seng, 2009	Yes	No
<i>Pictocolumbella ocellata</i>	Lightning dove snail	Mollusc	NA	Not Listed	RDB3	Enviro Pro Green Innovations, 2018; Tan, 2009, DHI, 2005	Yes	Yes
<i>Pinnidae</i> Family	#N/A	#N/A	NA	NA	NA	-	No	Yes
<i>Pirenella</i> sp.	#N/A	#N/A	NA	NA	NA	-	No	Yes
<i>Planaxis sulcatus</i>	#N/A	#N/A	NA	Not Listed	RDB3	-	No	Yes
<i>Polyplacophora</i> Class	Chiton	Mollusc	NA	NA	NA	A Cinnamon Bun, 2021	Yes	No
<i>Potamidae</i> Family	-	Mollusc	NA	NA	NA	Camphora, 2021	Yes	No
<i>Reishia bituberculatus</i>	#N/A	#N/A	NA	Not Listed	RDB3	-	No	Yes
<i>Rachia maxima</i>	Giant top shell snail	Mollusc	NA	Least Concern	RDB3	DHI, 2005; Enviro Pro Green Innovations, 2018;	Yes	Yes
<i>Sepiolida</i> Class	Bobtail squid	Mollusc	NA	NA	NA	A Cinnamon Bun, 2021	Yes	No
<i>Tellinidae</i> Family	-	Mollusc	NA	NA	NA	Camphora, 2021	Yes	No
<i>Thais</i> sp.	Drills	Mollusc	NA	NA	NA	DHI, 2005	Yes	Yes*
<i>Triviidae</i> Family	-	Mollusc	NA	NA	NA	Camphora, 2021	Yes	No
<i>Trochus maculatus</i>	#N/A	#N/A	NA	Not Listed	RDB3	-	No	Yes
<i>Turbo articulatus</i>	#N/A	#N/A	NA	Not Listed	RDB3	-	No	Yes
<i>Turbo bruneus</i>	Brown Pacific turban; Brown dwarf	Mollusc	NA	Least Concern	RDB3	Camphora, 2021	Yes	No
<i>Turbo intercostalis</i>	#N/A	#N/A	NA	Not Listed	RDB3	-	No	Yes
<i>Vastocardium flavum</i>	Pacific yellow cockle	Mollusc	NA	Least Concern	RDB3	Camphora, 2021	Yes	No
<i>Ascidacea</i> Class	#N/A	#N/A	NA	NA	NA	-	No	Yes
<i>Enteropneusta</i> Class	#N/A	#N/A	NA	Not Listed	RDB3	-	No	Yes
<i>Isopod</i>	#N/A	#N/A	NA	NA	NA	-	No	Yes
<i>Sabellidae</i> Family	Banded fanworm	Others	NA	NA	NA	Koh Seng, 2009	Yes	Yes*
<i>Acanthozoon</i> sp.	Marine flatworm	Platyhelminthes	NA	NA	NA	A Cinnamon Bun, 2021; Camphora, 2021	Yes	No
<i>Polycladida</i> Order	#N/A	Platyhelminthes	NA	NA	NA	-	No	Yes
<i>Pseudobiceros hancockanus</i>	Dawn flatworm	Platyhelminthes	NA	Vulnerable	RDB3	Tan, 2015	Yes	No
<i>Chloea</i> sp.	Fire worm	Polychaete	NA	NA	NA	DHI, 2005	Yes	No
<i>Eunice aphroditois</i>	Giant reef bristleworm	Polychaete	NA	Not Listed	RDB3	A Cinnamon Bun, 2021	Yes	No
<i>Eunicidae</i> Family	#N/A	Polychaete	NA	NA	NA	-	No	Yes
<i>Phyllodocida</i>	Bristle worm	Polychaete	NA	NA	NA	A Cinnamon Bun, 2021	Yes	No
<i>Haliichondriidae</i> Family	#N/A	NA	NA	Not Listed	RDB3	-	No	Yes
<i>Haliclona</i> sp.	-	Porifera	NA	NA	NA	Lim et al., 2023	Yes	No
<i>Ircinia ramosa</i>	-	Porifera	NA	Least Concern	RDB3	Lim et al., 2023	Yes	No
<i>Lamellosida herbaacea</i>	Silvery blue sponge	Porifera	NA	Least Concern	RDB3	Tan, 2019	Yes	No
<i>Lendenfeldia cf. chondrodes</i>	Blue icing sponge	Porifera	NA	Least Concern	RDB3	Enviro Pro Green Innovations, 2018; Lim et al., 2023	Yes	Yes*
<i>Neopetrosia chaliniformis</i>	Smooth brown sponge	Porifera	NA	Least Concern	RDB3	Lim et al., 2023	Yes	No
<i>Neopetrosia</i> sp.	Blue jurunna sponge	Porifera	NA	NA	NA	Enviro Pro Green Innovations, 2018; Lim et al., 2023	Yes	Yes*
<i>Porifera</i> Phylum	#N/A	#N/A	NA	NA	NA	-	No	Yes
<i>Sphaciospongia cf. vagabunda</i>	Chocolate sponge	Porifera	NA	Least Concern	RDB3	Lim et al., 2023	Yes	No
<i>Spongiidae</i> Family	#N/A	#N/A	NA	NA	NA	-	No	Yes
<i>Varanus salvator</i>	Malayan water monitor	Reptile	NA	Least Concern	RDB3	Tan, 2023	Yes	No
<i>Deis martensi</i>	Marine spider	Spider	NA	Vulnerable	RDB3	Enviro Pro Green Innovations, 2018; A Cinnamon Bun,	Yes	Yes
<i>Pachyseris rugosa</i>	Castle coral	Cnidarian	Hard coral	Least Concern	RDB3	Wildsingapore	Yes	No
<i>Turbiniaria mesenterina</i>	Vase coral	Cnidarian	Hard coral	Least Concern	RDB3	Wildsingapore	Yes	No
<i>Pocillopora acuta</i>	Cauliflower coral	Cnidarian	Hard coral	Least Concern	RDB3	wildsingapore	Yes	No
<i>Porites lutea</i>	-	Cnidarian	Hard coral	Least Concern	RDB3	NUS REL hard corals; wildsingapore	Yes	No
<i>Acanthastrea</i> sp.	Brain coral	Cnidarian	Hard coral	NA	RDB3	Plot 6 Keppel Island EIS, DHI 2025	Yes	No
<i>Astreopora</i> sp.	-	Cnidarian	Hard coral	NA	RDB3	Plot 6 Keppel Island EIS, DHI 2025	Yes	No
<i>Bernardpora stutchburyi</i>	Anemone coral	Cnidarian	Hard coral	Least Concern	RDB3	Plot 6 Keppel Island EIS, DHI 2025	Yes	No
<i>Dipsastraea</i> sp.	-	Cnidarian	Hard coral	NA	RDB3	Plot 6 Keppel Island EIS, DHI 2025	Yes	No
<i>Duncanopsammia peltata</i>	Pagoda coral	Cnidarian	Hard coral	Least Concern	RDB3	Plot 6 Keppel Island EIS, DHI 2025	Yes	No
<i>Echinopora</i> sp.	-	Cnidarian	Hard coral	NA	RDB3	Plot 6 Keppel Island EIS, DHI 2025	Yes	No
<i>Euphyllia</i> sp.	Torch anchor coral	Cnidarian	Hard coral	NA	RDB3	Plot 6 Keppel Island EIS, DHI 2025	Yes	No
<i>Fungia</i> sp.	Mushroom coral	Cnidarian	Hard coral	NA	RDB3	Plot 6 Keppel Island EIS, DHI 2025	Yes	No
<i>Galaxea</i> sp.	Galaxy coral	Cnidarian	Hard coral	Least Concern	RDB3	Plot 6 Keppel Island EIS, DHI 2025	Yes	No
<i>Herpolitha limax</i>	Tongue mushroom coral	Cnidarian	Hard coral	Least Concern	RDB3	Plot 6 Keppel Island EIS, DHI 2025	Yes	No
<i>Leptastrea</i> sp.	-	Cnidarian	Hard coral	Least Concern	RDB3	Plot 6 Keppel Island EIS, DHI 2025	Yes	No
<i>Lithophyllon</i> sp.	-	Cnidarian	Hard coral	NA	RDB3	Plot 6 Keppel Island EIS, DHI 2025	Yes	No
<i>Lobophyllia</i> sp.	-	Cnidarian	Hard coral	NA	RDB3	Plot 6 Keppel Island EIS, DHI 2025	Yes	No
<i>Mycedonia elephantotus</i>	-	Cnidarian	Hard coral	Least Concern	RDB3	Plot 6 Keppel Island EIS, DHI 2025	Yes	No
<i>Oxypora</i> sp.	-	Cnidarian	Hard coral	NA	RDB3	Plot 6 Keppel Island EIS, DHI 2025	Yes	No
<i>Pavona</i> sp.	-	Cnidarian	Hard coral	NA	RDB3	Plot 6 Keppel Island EIS, DHI 2025	Yes	No
<i>Podabacia</i> sp.	Bracket mushroom coral	Cnidarian	Hard coral	NA	RDB3	Plot 6 Keppel Island EIS, DHI 2025	Yes	No
<i>Pseudosiderastrea</i> sp.	-	Cnidarian	Hard coral	NA	RDB3	Plot 6 Keppel Island EIS, DHI 2025	Yes	No

Scientific Name	Common name	Taxon	National Status	Status Reference	Species Reference	Lit review	2024 rapid survey
<i>Acacia auriculiformis</i>	Acacia	Fabaceae	Non-native, naturalised	Chong et al., 2009	Nature Society (Singapore), 2010	Yes	Yes
<i>Acrostichum speciosum</i>	Mangrove fern	Pteridaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Adenanthera pavonina</i>	Saga	Fabaceae	Non-native, naturalised	Chong et al., 2009	Nature Society (Singapore), 2010	Yes	Yes
<i>Adinandra dumosa</i>	Tiup-tiup	Theaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Ardisia elliptica</i>	-	Myrsinaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Arthropphyllum jackianum</i>	Ivy Palm	Araliaceae	Least Concern	RDB3	-	No	Yes
<i>Blechnopsis finlaysonianana</i>	-	Blechnaceae	-	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Breynia racemosa</i>	-	Euphorbiaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Bromheadia finlaysonianana</i>	Finlayson's Bromheadia	Orchidaceae	Least Concern	RDB3	-	No	Yes
<i>Buchanania arborescens</i>	Sparrows' Mango	Anacardiaceae	Least Concern	RDB3	-	No	Yes
<i>Caesalpinia crista</i>	-	Fabaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Dalbergia junghunii</i>	-	Fabaceae	Critically Endangered	RDB3	-	No	Yes
<i>Cansjera rheedii</i>	-	Opiliaceae	Least Concern	RDB3	-	No	Yes
<i>Caryota mitis</i>	Fishtail palm	Palmae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Champeria manillana</i>	False Olive	Opiliaceae	Least Concern	RDB3	-	No	Yes
<i>Cinnamomum iners</i>	Wild Cinnamon	Lauraceae	Least Concern	RDB3	-	No	Yes
<i>Coccinia grandis</i>	Ivy Gourd	Cucurbitaceae	Non-native, naturalised	RDB3	-	No	Yes
<i>Cocos nucifera</i>	Coconut	Arecaceae	Non-native, naturalised	RDB3	-	No	Yes
<i>Commelina diffusa</i>	Spreading Dayflower	Commelinaceae	Cryptogenic	RDB3	-	No	Yes
<i>Cuscuta campestris</i>	-	Convolvulaceae	Exotic	RDB3	-	No	Yes
<i>Cyrtophyllum fragrans</i>	Tembusu	Loganiaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Calophyllum inophyllum</i>	Penaga laut; Alexandra laurel	Guttiferae	Endangered	RDB3	Nature Society (Singapore), 2010; PCG BIA, 2012	Yes	Yes
<i>Dendrobium crumenatum</i>	Pigeon orchid	Orchidaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	No
<i>Derris trifoliata</i>	-	Fabaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	No
<i>Dianella ensifolia</i>	Swordleaf dianella	Asphodelaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Dibridsonia conferta</i>	-	Rubiaceae	Endangered	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Dicranopteris linearis var. linearis</i>	Resam	Gleicheniaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Dillenia suffruticosa</i>	Simpoh air	Dilleniaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Elaeocarpus pedunculatus</i>	Blunt-leaved oil-fruit	Elaeocarpaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Eurycoma longifolia</i>	Tongkat ali	Simaroubaceae	Endangered	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Epipremnum aureum</i>	Money Plant	Araceae	Non-native, casual	RDB3	-	No	Yes
<i>Epipremnum pinnatum</i>	Dragon-Tail Plant	Araceae	Non-native, naturalised	RDB3	-	No	Yes
<i>Fagraea ridleyi</i>	-	Loganiaceae	Critically Endangered	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Ficus binnendijkii</i>	White-leaved fig	Moraceae	Critically Endangered	RDB3	Nature Society (Singapore), 2010	Yes	No
<i>Falcataria falcata</i>	Albizia	Fabaceae	Non-native, naturalised	Chong et al., 2009	Nature Society (Singapore), 2010	Yes	No
<i>Parastemon urophyllum</i>	-	Chrysobalanaceae	Critically Endangered	RDB3	-	No	Yes
<i>Ficus caulocarpa</i>	-	Moraceae	Endangered	RDB3	Nature Society (Singapore), 2010	Yes	No
<i>Ficus grossularioides var. grossularioides</i>	Johor fig	Moraceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Ficus kerkhovenii</i>	Malayan banyan	Moraceae	Endangered	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Ficus microcarpa</i>	-	Moraceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Ficus punctata</i>	Climbing Fig	Moraceae	Least Concern	RDB3	-	No	Yes
<i>Ficus vasculosa</i>	-	Moraceae	Vulnerable	RDB3	Nature Society (Singapore), 2010	Yes	No
<i>Gahnia tristis</i>	-	Cyperaceae	Least Concern	RDB3	-	No	Yes
<i>Garcinia forbesii</i>	-	Guttiferae	Endangered	RDB3	Nature Society (Singapore), 2010	Yes	No
<i>Garcinia nigrolineata</i>	-	Guttiferae	Critically Endangered	RDB3	Nature Society (Singapore), 2010	Yes	No
<i>Gnetum latifolium</i>	-	Gnetaceae	Critically Endangered	RDB3	Environmental Baseline Survey at Southeast Coast Singapore, DHI 2024	Yes	No
<i>Garcinia celebica</i>	Seashore Mangostee	Clusiaceae	Endangered	RDB3	-	No	Yes
<i>Gnetum microcarpum</i>	Climbing belinjau	Gnetaceae	Endangered	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Guioa pubescens</i>	Hairy guioa	Sapindaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Gynochthodes coriacea</i>	-	Rubiaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Gynochthodes umbellata</i>	Climbing noni	Rubiaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Hevea brasiliensis</i>	Para rubber	Euphorbiaceae	Non-native, naturalised	Chong et al., 2009	Nature Society (Singapore), 2010	Yes	Yes
<i>Hibiscus tiliaceus</i>	Sea hibiscus	Malvaceae	NA	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Ilex cymosa</i>	-	Aquifoliaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	No
<i>Ischaemum muticum</i>	Smutgrass	Poaceae	Least Concern	RDB3	-	No	Yes
<i>Ixora congesta</i>	-	Rubiaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Lindsaea orbiculata</i>	-	Lindsaeaceae	Critically Endangered	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Litsea elliptica</i>	Medang perawas	Lauraceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Lygodium flexuosum</i>	Maidenhair Creeper	Lygodiaceae	Least Concern	RDB3	-	No	Yes
<i>Macaranga heynei</i>	Blue mahang	Euphorbiaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Melastoma malabathricum</i>	Senduduk	Melastomataceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Memecylon edule var. edule</i>	Delek air	Melastomataceae	Endangered	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Miconia crenata</i>	Koster's Curse	Melastomataceae	Non-native, naturalised	RDB3	-	No	Yes
<i>Microsorium scolopendria</i>	Monarch fern	Polypodiaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Morinda citrifolia</i>	Noni	Rubiaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	No
<i>Myrsine capitellata</i>	-	Myrsinaceae	Endangered	RDB3	Nature Society (Singapore), 2010	Yes	No
<i>Nepenthes rafflesiana</i>	Raffles' Pitcher-Plant	Nepenthaceae	Vulnerable	RDB3	Nature Society (Singapore), 2010; Yeo, 2010; Tan, 2015; PCG BIA, 2012	Yes	Yes
<i>Nephrolepis biserrata</i>	Giant sword fern	Dryopteridaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Oncosperma tigillarum</i>	Nibong	Palmae	Least Concern	Lindsay et al., 2022	Nature Society (Singapore), 2010	Yes	Yes
<i>Oxyceros longiflorus</i>	Akar berdara laut/Akar duri	Rubiaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Paederia foetida</i>	Lesser Malayan Stinkwort	Rubiaceae	Least Concern	RDB3	-	No	Yes
<i>Palaquium obovatum var. obovatum</i>	White gutta	Sapotaceae	Vulnerable	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Palhinhaea cernua</i>	Common Lycopodium	Lycopodiaceae	Least Concern	RDB3	-	No	Yes
<i>Pittosporum ridleyi</i>	-	Pittosporaceae	Vulnerable	RDB3	Nature Society (Singapore), 2010	Yes	No
<i>Passiflora laurifolia</i>	Buah susu	Passifloraceae	Non-native, naturalised	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Podocarpus polystachyus</i>	Sea teak	Podocarpaceae	Endangered	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Planchonella obovata</i>	Sea gutta	Sapotaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Pyrrosia angustata</i>	-	Polypodiaceae	Endangered	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Podocarpus rumphii</i>	-	Podocarpaceae	Non-native, cultivated only	Chong et al., 2009	Nature Society (Singapore), 2010	Yes	No
<i>Pteris vittata</i>	Chinese Brake Fern	Pteridaceae	Cryptogenic	RDB3	-	No	Yes
<i>Pterocarpus indicus</i>	Angsana	Fabaceae	Non-native, casual	Chong et al., 2009	Nature Society (Singapore), 2010	Yes	Yes
<i>Ptychosperma macarthurii</i>	-	Arecaceae	Non-native, naturalised	RDB3	-	No	Yes
<i>Entada spiralis</i>	Sea Bea	Fabaceae	Vulnerable	RDB3	-	No	Yes

Scientific Name	Common name	Taxon	National Status	Status Reference	Species Reference	Lit review	2024 rapid survey
<i>Pyrrisia piloselloides</i>	Dragon scale fern	Polypodiaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	No
<i>Scaevola taccada</i>	Sea lettuce	Goodeniaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Scleria ciliaris</i>	-	Cyperaceae	Least Concern	RDB3	-	No	Yes
<i>Senna siamea</i>	Kassod tree	Fabaceae	Non-native, cultivated only	Chong et al., 2009	Nature Society (Singapore), 2010	Yes	No
<i>Stachytarpheta jamaicensis</i>	Jamaica Snakeweed	Verbenaceae	Non-native, naturalised	RDB3	-	No	Yes
<i>Symplocos adenophylla</i>	-	Symplocaceae	Endangered	RDB3	Nature Society (Singapore), 2010	Yes	No
<i>Tarenna fragrans</i>	River Tarenna	Rubiaceae	Endangered	RDB3	Nature Society (Singapore), 2010	Yes	No
<i>Syzygium cerasiforme</i>	Common kelat	Myrtaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Syzygium grande</i>	Sea apple	Myrtaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Trema tomentosum</i>	Poison Peach	Cannabaceae	Vulnerable	RDB3	Environmental Baseline Survey at Southeast Coast Singapore, DHI 2024	Yes	No
<i>Tristaniaopsis whiteana</i>	Pelawan	Myrtaceae	Endangered	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Syzygium zeylanicum</i>	Kelat nenas	Myrtaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Taenitis blechnoides</i>	Ribbon Fern	Pteridaceae	Least Concern	RDB3	-	No	Yes
<i>Syzygium bambanicum</i>	-	Myrtaceae	Vulnerable	RDB3	-	-	-
<i>Terminalia catappa</i>	Ketapang	Combretaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Tetracera indica</i>	Assa indica	Dilleniaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Syzygium palembanicum</i>	-	Myrtaceae	Vulnerable	RDB3	-	No	Yes
<i>Triadica cochinchinensis</i>	-	Euphorbiaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Syzygium syzygioides</i>	Kelat Hitam	Myrtaceae	Vulnerable	RDB3	-	-	-
<i>Vitex pinnata</i>	Leban/Malayan teak	Verbenaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Volkameria inermis</i>	Seaside clerodendrum	Verbenaceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	No
<i>Wollastonia biflora</i>	Wedilia biflora	Asteraceae	Least Concern	RDB3	Nature Society (Singapore), 2010	Yes	Yes
<i>Xylocarpus granatum</i>	Puzzle nut	Meliaceae	Least Concern	RDB3	Nature Society (Singapore), 2010; Tan, 2011; Yeo, 2010; Tan, 2016	Yes	No
<i>Xylocarpus rumphii</i>	Nyireh	Meliaceae	Critically Endangered	RDB3	Nature Society (Singapore), 2010; Tan, 2011; Tan, 2021; PCG BIA, 2012	Yes	Yes

Scientific Name	Common name	Taxon	National Status	Status Reference	Species Reference	Lit review	2024 rapid survey
<i>Avrainvillea sp.</i>	Fan seaweed	Algae	NA	NA	Yeo, 2010	Yes	No
<i>Boergesenia forbesii</i>	NA	Algae	Not Listed	RDB3	-	No	Yes
<i>Caulerpa microphysa</i>	NA	Algae	Not Listed	RDB3	-	No	Yes
<i>Bryopsis sp.</i>	Hairy green seaweed	Algae	NA	NA	Enviro Pro Green Innovations, 2018; Tan, 2019, Tan,2016	Yes	Yes*
<i>Caulerpa peltata</i>	NA	Algae	Not Listed	RDB3	-	No	Yes
<i>Caulerpa taxifolia</i>	NA	Algae	Not Listed	RDB3	-	No	Yes
<i>Chaetomorpha sp.</i>	Bee hoon' green seaweed	Algae	Not Listed	RDB3	Tan,2016	Yes	No
<i>cf.Hypnea sp.</i>	NA	Algae	NA	NA	-	No	Yes
<i>Enhalus acoroides</i>	Tape seagrass	Hydrocharitaceae	Critically Endangered	RDB3	Enviro Pro Green Innovations, 2018; Tan,2016; Tan, 2015	Yes	Yes
<i>Corallinaceae Family</i>	Red algae	Algae	NA	NA	-	No	Yes
<i>Dasycladaceae Family</i>	Green algae	Algae	NA	NA	-	No	Yes
<i>Halimeda sp.</i>	NA	Algae	NA	NA	-	No	Yes
<i>Halodule uninervis</i>	Needle seagrass	Cymodoceaceae	Vulnerable	RDB3	Enviro Pro Green Innovations, 2018; Tan, 2019	Yes	Yes
<i>Neomeris sp.</i>	NA	Algae	NA	NA	-	No	Yes
<i>Padina sp.</i>	NA	Algae	NA	NA	-	No	Yes
<i>Peyssonnelia sp.</i>	NA	Algae	NA	NA	-	No	Yes
<i>Halophila ovalis</i>	Spoon seagrass	Hydrocharitaceae	Least Concern	RDB3	Enviro Pro Green Innovations, 2018; Tan, 2016, Tan, 2015	Yes	Yes
<i>Lobophora variegata</i>	NA	Algae	Not Listed	RDB3	-	No	Yes
<i>Rhipidosiphon javensis</i>	NA	Algae	Not Listed	RDB3	-	No	Yes
<i>Sargassum sp.</i>	Sargassum	Algae	NA	NA	Tan, 2015	Yes	Yes*
<i>Thalassia hemprichii</i>	Sickle seagrass	Hydrocharitaceae	Endangered	RDB3	Carsten Huttche, 2018; Acinnamonbun, 2021	Yes	No

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Appendix B: Flora Datasheet

Date	Survey type	Waypoint	Latitude	Longitude	Scientific name	Family	Common name	RDB3 status	CS?	Location remarks	Photo	Remarks	Literature Review Sources
16-Sept-25	Terrestrial Flora	561	1.257466	103.808843	<i>Dalbergia junghunii</i>	Fabaceae	-	CR	Yes	Bet Point 5 & Rasa	BCM-1452		
16-Sept-25	Terrestrial Flora	543	1.258395	103.807646	<i>Fagraea ridleyi</i>	Loganiaceae	-	CR	Yes	Bet Point 5 & Rasa	BCM-3640/3643		Ng, 2010
16-Sept-25	Terrestrial Flora	552	1.257902	103.808325	<i>Lindsaea orbiculata</i>	Lindsaeaceae	-	CR	Yes	Bet Point 5 & Rasa	BCM-5424		
16-Sept-25	Terrestrial Flora	554	1.257699	103.808409	<i>Lindsaea orbiculata</i>	Lindsaeaceae	-	CR	Yes	Bet Point 5 & Rasa	BCM-0802		
16-Sept-25	Terrestrial Flora	551	1.257886	103.808308	<i>Parastemon uraphyllus</i>	Chrysobalanaceae	-	CR	Yes	Bet Point 5 & Rasa	BCM-5152		
16-Sept-25	Terrestrial Flora	521	1.259541	103.806707	<i>Xylocarpus rumphii</i>	Meliaceae	Nyireh	CR	Yes	Bet Point 7 & 3	BCM-4712	Girth 0.5m, height 6m	Ng, 2010; Tan, 2011; Yeo, 2010; Tan, 2016
16-Sept-25	Terrestrial Flora	534	1.258897	103.807111	<i>Xylocarpus rumphii</i>	Meliaceae	Nyireh	CR	Yes	Bet Point 4 & 5	BCM-1309	Girth 2.2m, height 8m	Ng, 2010; Tan, 2011; Yeo, 2010; Tan, 2016
16-Sept-25	Terrestrial Flora	535	1.258836	103.807145	<i>Xylocarpus rumphii</i>	Meliaceae	Nyireh	CR	Yes	Bet Point 4 & 5	BCM-2040	Girth 0.8m, height 8m	Ng, 2010; Tan, 2011; Yeo, 2010; Tan, 2016
16-Sept-25	Terrestrial Flora	551	1.257886	103.808308	<i>Xylocarpus rumphii</i>	Meliaceae	Nyireh	CR	Yes	Bet Point 5 & Rasa	BCM-5035	Girth 0.4m, height 4m	Ng, 2010; Tan, 2011; Yeo, 2010; Tan, 2016
16-Sept-25	Terrestrial Flora	506	1.259937	103.807229	<i>Calophyllum inophyllum</i>	Guttiferae	Penaga laut	EN	Yes	Point 6	BCM-4556		Ng, 2010
16-Sept-25	Terrestrial Flora	499	1.259817	103.807654	<i>Dibridsonia conferta</i>	Rubiaceae	-	EN	Yes	Point 1D	BCM-4489		Ng, 2010
16-Sept-25	Terrestrial Flora	528	1.259227	103.806951	<i>Dibridsonia conferta</i>	Rubiaceae	-	EN	Yes	Bet Point 4 & 5	BCM-4776		Ng, 2010
16-Sept-25	Terrestrial Flora	534	1.258897	103.807111	<i>Dibridsonia conferta</i>	Rubiaceae	-	EN	Yes	Bet Point 4 & 5	BCM-1603		Ng, 2010
16-Sept-25	Terrestrial Flora	514	1.259792	103.806989	<i>Eurycoma longifolia</i>	Simaroubaeaceae	Tongkat ali	EN	Yes	Bet Point 6 & 7	BCM-4622		Ng, 2010
16-Sept-25	Terrestrial Flora	518	1.259794	103.806731	<i>Ficus kerkhovenii</i>	Moraceae	Malayan banyan	EN	Yes	Bet Point 6 & 7	BCM-4650/4652		Ng, 2010
16-Sept-25	Terrestrial Flora	521	1.259541	103.806707	<i>Garcinia celebica</i>	Clusiaceae	Seashore Mangosteen	EN	Yes	Bet Point 7 & 3	BCM-4716/4718		
16-Sept-25	Terrestrial Flora	528	1.259227	103.806951	<i>Gnetum micracarpum</i>	Gnetaceae	Climbing belinjau	EN	Yes	Bet Point 4 & 5	BCM-4783		Ng, 2010
16-Sept-25	Terrestrial Flora	-	-	-	<i>Memecylon edule var. edule</i>	Melastomataceae	Delek air	EN	Yes	Point 3 (Photo 4390 from top)	BCM-4394		Ng, 2010
16-Sept-25	Terrestrial Flora	524	1.259294	103.806846	<i>Memecylon edule var. edule</i>	Melastomataceae	Delek air	EN	Yes	Point 4 (4753mor4767 from bottom)	BCM-4751		Ng, 2010
16-Sept-25	Terrestrial Flora	526	1.259295	103.806892	<i>Memecylon edule var. edule</i>	Melastomataceae	Delek air	EN	Yes	Bet Point 4 & 5	BCM-4773		Ng, 2010
16-Sept-25	Terrestrial Flora	538	1.258695	103.807346	<i>Memecylon edule var. edule</i>	Melastomataceae	Delek air	EN	Yes	Point 5	BCM-2702		Ng, 2010
16-Sept-25	Terrestrial Flora	540	1.25862	103.807467	<i>Memecylon edule var. edule</i>	Melastomataceae	Delek air	EN	Yes	Bet Point 5 & Rasa	BCM-3033		Ng, 2010
16-Sept-25	Terrestrial Flora	556	1.257526	103.808584	<i>Memecylon edule var. edule</i>	Melastomataceae	Delek air	EN	Yes	Bet Point 5 & Rasa	BCM-1200		Ng, 2010
16-Sept-25	Terrestrial Flora	558	1.257526	103.808802	<i>Memecylon edule var. edule</i>	Melastomataceae	Delek air	EN	Yes	Bet Point 5 & Rasa	BCM-1311		Ng, 2010
16-Sept-25	Terrestrial Flora	490	1.259563	103.807729	<i>Podocarpus polystachyus</i>	Podocarpaceae	Sea teak	EN	Yes	Bet Point 1B & 1D (top)	BCM-4363		Ng, 2010
16-Sept-25	Terrestrial Flora	499	1.259817	103.807654	<i>Podocarpus polystachyus</i>	Podocarpaceae	Sea teak	EN	Yes	Point 1D	BCM-4505		Ng, 2010
16-Sept-25	Terrestrial Flora	500	1.259719	103.807569	<i>Podocarpus polystachyus</i>	Podocarpaceae	Sea teak	EN	Yes	Point 1D	BCM-4507		Ng, 2010
16-Sept-25	Terrestrial Flora	505	1.259895	103.807376	<i>Podocarpus polystachyus</i>	Podocarpaceae	Sea teak	EN	Yes	Point 2	BCM-4543		Ng, 2010
16-Sept-25	Terrestrial Flora	511	1.259772	103.807104	<i>Podocarpus polystachyus</i>	Podocarpaceae	Sea teak	EN	Yes	Bet Point 6 & 7	BCM-4593		Ng, 2010
16-Sept-25	Terrestrial Flora	513	1.259795	103.807035	<i>Podocarpus polystachyus</i>	Podocarpaceae	Sea teak	EN	Yes	Bet Point 6 & 7	BCM-4618		Ng, 2010
16-Sept-25	Terrestrial Flora	514	1.259792	103.806989	<i>Podocarpus polystachyus</i>	Podocarpaceae	Sea teak	EN	Yes	Bet Point 6 & 7	BCM-4620		Ng, 2010
16-Sept-25	Terrestrial Flora	515	1.259725	103.806959	<i>Podocarpus polystachyus</i>	Podocarpaceae	Sea teak	EN	Yes	Bet Point 6 & 7	BCM-4629		Ng, 2010
16-Sept-25	Terrestrial Flora	516	1.259754	103.806859	<i>Podocarpus polystachyus</i>	Podocarpaceae	Sea teak	EN	Yes	Bet Point 6 & 7	BCM-4637		Ng, 2010
16-Sept-25	Terrestrial Flora	517	1.259843	103.806753	<i>Podocarpus polystachyus</i>	Podocarpaceae	Sea teak	EN	Yes	Bet Point 6 & 7	BCM-4647		Ng, 2010
16-Sept-25	Terrestrial Flora	519	1.259685	103.806706	<i>Podocarpus polystachyus</i>	Podocarpaceae	Sea teak	EN	Yes	Point 7	BCM-4659		Ng, 2010
16-Sept-25	Terrestrial Flora	520	1.259644	103.80678	<i>Podocarpus polystachyus</i>	Podocarpaceae	Sea teak	EN	Yes	Point 7	BCM-4696		Ng, 2010
16-Sept-25	Terrestrial Flora	521	1.259541	103.806707	<i>Podocarpus polystachyus</i>	Podocarpaceae	Sea teak	EN	Yes	Bet Point 7 & 3	BCM-4703		Ng, 2010
16-Sept-25	Terrestrial Flora	522	1.259471	103.806753	<i>Podocarpus polystachyus</i>	Podocarpaceae	Sea teak	EN	Yes	Point 3	BCM-4733		Ng, 2010
16-Sept-25	Terrestrial Flora	525	1.259357	103.80684	<i>Podocarpus polystachyus</i>	Podocarpaceae	Sea teak	EN	Yes	Point 4	BCM-4757		Ng, 2010
16-Sept-25	Terrestrial Flora	530	1.259008	103.806985	<i>Podocarpus polystachyus</i>	Podocarpaceae	Sea teak	EN	Yes	Bet Point 4 & 5	BCM-4799		Ng, 2010
16-Sept-25	Terrestrial Flora	546	1.25816	103.807969	<i>Podocarpus polystachyus</i>	Podocarpaceae	Sea teak	EN	Yes	Bet Point 5 & Rasa	BCM-4525		Ng, 2010
16-Sept-25	Terrestrial Flora	550	1.257917	103.80823	<i>Podocarpus polystachyus</i>	Podocarpaceae	Sea teak	EN	Yes	Bet Point 5 & Rasa	BCM-4915		Ng, 2010
16-Sept-25	Terrestrial Flora	553	1.257747	103.808377	<i>Podocarpus polystachyus</i>	Podocarpaceae	Sea teak	EN	Yes	Bet Point 5 & Rasa	BCM-0713		Ng, 2010
16-Sept-25	Terrestrial Flora	557	1.25746	103.808597	<i>Podocarpus polystachyus</i>	Podocarpaceae	Sea teak	EN	Yes	Bet Point 5 & Rasa	BCM-1230		Ng, 2010
16-Sept-25	Terrestrial Flora	519	1.259685	103.806706	<i>Thrixpermum sp.</i>	Orchidaceae	-	CR/Nex	Yes	Point 7 (Photo 4699 from bottom)	BCM-4659-62		Ng, 2010
16-Sept-25	Terrestrial Flora	519	1.259685	103.806706	<i>Pyrrrosia angustata</i>	Polyodiaceae	-	EN	Yes	Point 7 (Photo 4699 from bottom)	BCM-4659-62		Ng, 2010
16-Sept-25	Terrestrial Flora	495	1.259989	103.8086	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Before Point 1A	BCM-4429		Ng, 2010
16-Sept-25	Terrestrial Flora	495	1.259989	103.8086	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Point 1A (Photo 4436 from bottom)	BCM-4433		Ng, 2010
16-Sept-25	Terrestrial Flora	497	1.259805	103.807921	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Point 1B	BCM-4451		Ng, 2010
16-Sept-25	Terrestrial Flora	500	1.259719	103.807569	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Point 1D	BCM-4509		Ng, 2010
16-Sept-25	Terrestrial Flora	505	1.259895	103.807376	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Point 2	BCM-4544		Ng, 2010
16-Sept-25	Terrestrial Flora	506	1.259937	103.807229	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Point 6	BCM-4561		Ng, 2010
16-Sept-25	Terrestrial Flora	508	1.259801	103.807196	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Bet Point 6 & 7	BCM-4578/79		Ng, 2010
16-Sept-25	Terrestrial Flora	509	1.259846	103.807181	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Bet Point 6 & 7	BCM-4589		Ng, 2010
16-Sept-25	Terrestrial Flora	511	1.259772	103.807104	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Bet Point 6 & 7	BCM-4593		Ng, 2010
16-Sept-25	Terrestrial Flora	512	1.259892	103.807058	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Bet Point 6 & 7	BCM-4600		Ng, 2010
16-Sept-25	Terrestrial Flora	513	1.259795	103.807035	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Bet Point 6 & 7	BCM-4607		Ng, 2010
16-Sept-25	Terrestrial Flora	514	1.259792	103.806989	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Bet Point 6 & 7	BCM-4620		Ng, 2010
16-Sept-25	Terrestrial Flora	515	1.259725	103.806959	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Bet Point 6 & 7	BCM-4629		Ng, 2010
16-Sept-25	Terrestrial Flora	516	1.259754	103.806859	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Bet Point 6 & 7	BCM-4637		Ng, 2010
16-Sept-25	Terrestrial Flora	518	1.259794	103.806731	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Bet Point 6 & 7	BCM-4650		Ng, 2010
16-Sept-25	Terrestrial Flora	519	1.259685	103.806706	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Point 7	BCM-4678		Ng, 2010
16-Sept-25	Terrestrial Flora	520	1.259644	103.80678	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Point 7	BCM-4702		Ng, 2010
16-Sept-25	Terrestrial Flora	521	1.259541	103.806707	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Bet Point 7 & 3	BCM-4703		Ng, 2010
16-Sept-25	Terrestrial Flora	522	1.259471	103.806753	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Point 3	BCM-4730		Ng, 2010
16-Sept-25	Terrestrial Flora	523	1.259365	103.80674	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Between point 3 & 4	BCM-4742		Ng, 2010
16-Sept-25	Terrestrial Flora	525	1.259357	103.80684	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Point 4	BCM-4757		Ng, 2010
16-Sept-25	Terrestrial Flora	529	1.259197	103.807066	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Bet Point 4 & 5	BCM-4791		Ng, 2010
16-Sept-25	Terrestrial Flora	530	1.259008	103.806985	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Bet Point 4 & 5	BCM-4799		Ng, 2010
16-Sept-25	Terrestrial Flora	532	1.258956	103.807018	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Bet Point 4 & 5	BCM-4801		Ng, 2010
16-Sept-25	Terrestrial Flora	534	1.258897	103.807111	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Bet Point 4 & 5	BCM-1607		Ng, 2010
16-Sept-25	Terrestrial Flora	538	1.258695	103.807346	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Point 5 (Photo 2416 / 2504 from bottom)	BCM-2411		Ng, 2010
16-Sept-25	Terrestrial Flora	541	1.258536	103.80744	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Point 5	BCM-2702		Ng, 2010
16-Sept-25	Terrestrial Flora	542	1.258395	103.807521	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Bet Point 5 & Rasa	BCM-3219		Ng, 2010
16-Sept-25	Terrestrial Flora	544	1.25831	103.80775	<i>Tristania whiteana</i>	Myrtaceae	Pelawan	EN	Yes	Bet Point 5 & Rasa	BCM-3428		Ng, 2010

16-Sept-25	Terrestrial Flora	559	1.25752	103.80882	<i>Entada spiralis</i>	Fabaceae	Sea Bea	VU	Yes	Bet Point 5 & Rasa	BCM-1358	
16-Sept-25	Terrestrial Flora	531	1.258973	103.80703	<i>Nepenthes rafflesiana</i>	Nepenthaceae	Raffles' Pitcher-Plant	VU	Yes	Bet Point 4 & 5	BCM-4801	Ng, 2010; Yeo, 2010; Tan, 2015
16-Sept-25	Terrestrial Flora	534	1.258897	103.807111	<i>Nepenthes rafflesiana</i>	Nepenthaceae	Raffles' Pitcher-Plant	VU	Yes	Bet Point 4 & 5	BCM-1815	Ng, 2010; Yeo, 2010; Tan, 2015
16-Sept-25	Terrestrial Flora	536	1.258702	103.807219	<i>Nepenthes rafflesiana</i>	Nepenthaceae	Raffles' Pitcher-Plant	VU	Yes	Point 5	BCM-2411	Ng, 2010; Yeo, 2010; Tan, 2015
16-Sept-25	Terrestrial Flora	539	1.2587	103.807402	<i>Nepenthes rafflesiana</i>	Nepenthaceae	Raffles' Pitcher-Plant	VU	Yes	Bet Point 5 & Rasa	BCM-2756	Ng, 2010; Yeo, 2010; Tan, 2015
16-Sept-25	Terrestrial Flora	489	1.259537	103.80797	<i>Palaquium obovatum</i> var. <i>obovatum</i>	Sapotaceae	White gutta	VU	Yes	Point 1B (top photo BCM4368)	BCM-4345	
16-Sept-25	Terrestrial Flora	521	1.259541	103.806707	<i>Syzygium palembanicum</i>	Myrtaceae	-	VU	Yes	Bet Point 7 & 3	BCM-4707	Ng, 2010
16-Sept-25	Terrestrial Flora	506	1.259937	103.807229	<i>Trema tomentosum</i>	Cannabaceae	Poison Peach	VU	Yes	Point 6	BCM-4566/70	
16-Sept-25	Terrestrial Flora	545	1.258193	103.807958	<i>Psychotria cf. sarmentoides</i>	Rubiaceae	-	Nex	Yes	Bet Point 5 & Rasa	BCM-4405	
16-Sept-25	Terrestrial Flora	533	1.258904	103.807103	<i>Eplazium mixtum</i>	Athyriaceae	-	EN	Yes	Bet Point 4 & 5	BCM-4815	
16-Sept-25	Terrestrial Flora	516	1.259754	103.806859	<i>Eriachne pallensens</i>	Poaceae	-	NA	No	Bet Point 6 & 7	BCM-4641to44	
16-Sept-25	Terrestrial Flora	533	1.258904	103.807103	<i>Urophylum hirsutum</i>	Rubiaceae	-	VU	Yes	Bet Point 4 & 5	BCM-4818	
16-Sept-25	Terrestrial Flora	504	1.259887	103.807388	<i>Acrostichum speciosum</i>	Pteridaceae	Mangrove fern	LC	No	Point 2	BCM-4539	Ng, 2010
16-Sept-25	Terrestrial Flora	506	1.259937	103.807229	<i>Acrostichum speciosum</i>	Pteridaceae	Mangrove fern	LC	No	Point 6	BCM-4561	Ng, 2010
16-Sept-25	Terrestrial Flora	525	1.259357	103.80684	<i>Acrostichum speciosum</i>	Pteridaceae	Mangrove fern	LC	No	Point 4	BCM-4758	Ng, 2010
16-Sept-25	Terrestrial Flora	-	-	-	<i>Acrostichum speciosum</i>	Pteridaceae	Mangrove fern	LC	No	-	BCM-4414	Ng, 2010
16-Sept-25	Terrestrial Flora	513	1.259795	103.807035	<i>Adinandra dumosa</i>	Theaceae	Tiup-tiup	LC	No	Bet Point 6 & 7	BCM-4608	Ng, 2010
16-Sept-25	Terrestrial Flora	497	1.259805	103.807921	<i>Ardisia elliptica</i>	Myrsinaceae	-	LC	No	Point 1B	BCM-4450	Ng, 2010
16-Sept-25	Terrestrial Flora	529	1.259197	103.807066	<i>Arthropodium jacksonianum</i>	Araliaceae	Ivy Palm	LC	No	Bet Point 4 & 5	BCM-4791	
16-Sept-25	Terrestrial Flora	498	1.259748	103.807914	<i>Blechnopsis finlaysoniana</i>	Blechnaceae	-	LC	No	Point 1B	BCM-4464	Ng, 2010
16-Sept-25	Terrestrial Flora	504	1.259887	103.807388	<i>Blechnopsis finlaysoniana</i>	Blechnaceae	-	LC	No	Point 2	BCM-4540	Ng, 2010
16-Sept-25	Terrestrial Flora	507	1.259899	103.807195	<i>Blechnopsis finlaysoniana</i>	Blechnaceae	-	LC	No	Point 6	BCM-4573	Ng, 2010
16-Sept-25	Terrestrial Flora	497	1.259805	103.807921	<i>Breynia racemosa</i>	Euphorbiaceae	-	LC	No	Point 1B	BCM-4451	Ng, 2010
16-Sept-25	Terrestrial Flora	507	1.259899	103.807195	<i>Breynia racemosa</i>	Euphorbiaceae	-	LC	No	Point 6	BCM-4571	Ng, 2010
16-Sept-25	Terrestrial Flora	519	1.259685	103.806706	<i>Bromheadia finlaysoniana</i>	Orchidaceae	Finlayson's Bromheadia	LC	No	Point 7	BCM-4677	
16-Sept-25	Terrestrial Flora	520	1.259644	103.80678	<i>Buchanania arborescens</i>	Anacardiaceae	Sparrows' Mango	LC	No	Point 7	BCM-4697	
16-Sept-25	Terrestrial Flora	496	1.259735	103.808059	<i>Caesalpinia crista</i>	Fabaceae	-	LC	No	Point 1A	BCM-4440	Ng, 2010
16-Sept-25	Terrestrial Flora	498	1.259748	103.807914	<i>Caesalpinia crista</i>	Fabaceae	-	LC	No	Point 1B	BCM-4459	Ng, 2010
16-Sept-25	Terrestrial Flora	528	1.259227	103.806951	<i>Cansjera thedii</i>	Opliaceae	-	LC	No	Bet Point 4 & 5	BCM-4785	
16-Sept-25	Terrestrial Flora	498	1.259748	103.807914	<i>Caryota mitis</i>	Palmae	Fishtail palm	LC	No	Point 1B	BCM-4472	Ng, 2010
16-Sept-25	Terrestrial Flora	499	1.259817	103.807654	<i>Caryota mitis</i>	Palmae	Fishtail palm	LC	No	Point 1D	BCM-4497	Ng, 2010
16-Sept-25	Terrestrial Flora	508	1.259801	103.807196	<i>Champerea manillana</i>	Opliaceae	False Olive	LC	No	Bet Point 6 & 7	BCM-4580	
16-Sept-25	Terrestrial Flora	491	1.259588	103.80772	<i>Cinnamomum iners</i>	Lauraceae	Wild Cinnamon	LC	No	Bet Point 1B & 1D (top-Photo BCM4862)	BCM-4362	
16-Sept-25	Terrestrial Flora	526	1.259295	103.806892	<i>Cyrtophyllum fragrans</i>	Loganiaceae	Tembusu	LC	No	Bet Point 4 & 5	BCM-4763	Ng, 2010
16-Sept-25	Terrestrial Flora	508	1.259801	103.807196	<i>Dianella ensifolia</i>	Asphodelaceae	Swordleaf dianella	LC	No	Bet Point 6 & 7	BCM-4582	Ng, 2010
16-Sept-25	Terrestrial Flora	525	1.259357	103.80684	<i>Dianella ensifolia</i>	Asphodelaceae	Swordleaf dianella	LC	No	Point 4	BCM-4758	Ng, 2010
16-Sept-25	Terrestrial Flora	537	1.258733	103.807237	<i>Dianella ensifolia</i>	Asphodelaceae	Swordleaf dianella	LC	No	Point 5	BCM-2548	Ng, 2010
16-Sept-25	Terrestrial Flora	498	1.259748	103.807914	<i>Dicranopteris linearis</i> var. <i>linearis</i>	Gleicheniaceae	Resam	LC	No	Point 1B	BCM-4467	Ng, 2010
16-Sept-25	Terrestrial Flora	504	1.259887	103.807388	<i>Dicranopteris linearis</i> var. <i>linearis</i>	Gleicheniaceae	Resam	LC	No	Point 2	BCM-4539	Ng, 2010
16-Sept-25	Terrestrial Flora	507	1.259899	103.807195	<i>Dicranopteris linearis</i> var. <i>linearis</i>	Gleicheniaceae	Resam	LC	No	Point 6	BCM-4574	Ng, 2010
16-Sept-25	Terrestrial Flora	522	1.259471	103.806753	<i>Dicranopteris linearis</i> var. <i>linearis</i>	Gleicheniaceae	Resam	LC	No	Point 3	BCM-4734	Ng, 2010
16-Sept-25	Terrestrial Flora	525	1.259357	103.80684	<i>Dicranopteris linearis</i> var. <i>linearis</i>	Gleicheniaceae	Resam	LC	No	Point 4	BCM-4757	Ng, 2010
16-Sept-25	Terrestrial Flora	536	1.258702	103.807219	<i>Dicranopteris linearis</i> var. <i>linearis</i>	Gleicheniaceae	Resam	LC	No	Point 5	BCM-2411	Ng, 2010
16-Sept-25	Terrestrial Flora	520	1.259644	103.80678	<i>Dillenia suffruticosa</i>	Dilleniaceae	Simpoh air	LC	No	Point 7	BCM-4700	Ng, 2010
16-Sept-25	Terrestrial Flora	522	1.259471	103.806753	<i>Dillenia suffruticosa</i>	Dilleniaceae	Simpoh air	LC	No	Point 3	BCM-4734	Ng, 2010
16-Sept-25	Terrestrial Flora	536	1.258702	103.807219	<i>Dillenia suffruticosa</i>	Dilleniaceae	Simpoh air	LC	No	Point 5	BCM-2411	Ng, 2010
16-Sept-25	Terrestrial Flora	491	1.259588	103.80772	<i>Elaeocarpus pedunculatus</i>	Elaeocarpaceae	Blunt-leaved oil-fruit	LC	No	Bet Point 1B & 1D (top-Photo BCM4862)	BCM-4369	Ng, 2010
16-Sept-25	Terrestrial Flora	500	1.259719	103.807569	<i>Elaeocarpus pedunculatus</i>	Elaeocarpaceae	Blunt-leaved oil-fruit	LC	No	Point 1D	BCM-4512	Ng, 2010
16-Sept-25	Terrestrial Flora	497	1.259805	103.807921	<i>Ficus grossularioides</i> var. <i>grossularioides</i>	Moraceae	Johor fig	LC	No	Point 1B	BCM-4454	Ng, 2010
16-Sept-25	Terrestrial Flora	499	1.259817	103.807654	<i>Ficus grossularioides</i> var. <i>grossularioides</i>	Moraceae	Johor fig	LC	No	Point 1D	BCM-4495/4516	Ng, 2010
16-Sept-25	Terrestrial Flora	504	1.259887	103.807388	<i>Ficus grossularioides</i> var. <i>grossularioides</i>	Moraceae	Johor fig	LC	No	Point 2	BCM-4540	Ng, 2010
16-Sept-25	Terrestrial Flora	507	1.259899	103.807195	<i>Ficus grossularioides</i> var. <i>grossularioides</i>	Moraceae	Johor fig	LC	No	Point 6	BCM-4573	Ng, 2010
16-Sept-25	Terrestrial Flora	537	1.258733	103.807237	<i>Ficus grossularioides</i> var. <i>grossularioides</i>	Moraceae	Johor fig	LC	No	Point 5	BCM-2504	Ng, 2010
16-Sept-25	Terrestrial Flora	513	1.259795	103.807035	<i>Ficus microcarpa</i>	Moraceae	-	LC	No	Bet Point 6 & 7	BCM-4612	Ng, 2010
16-Sept-25	Terrestrial Flora	499	1.259817	103.807654	<i>Ficus punctata</i>	Moraceae	Climbing Fig	LC	No	Point 1D	BCM-4503	
16-Sept-25	Terrestrial Flora	502	1.259869	103.80758	<i>Ficus punctata</i>	Moraceae	Climbing Fig	LC	No	Bet Point 1D & 2	BCM-4525	
16-Sept-25	Terrestrial Flora	537	1.258733	103.807237	<i>Gahnia tristis</i>	Cyperaceae	-	LC	No	Point 5	BCM-2520	
16-Sept-25	Terrestrial Flora	508	1.259801	103.807196	<i>Guioa pubescens</i>	Sapindaceae	Hairy guioa	LC	No	Bet Point 6 & 7	BCM-4585	Ng, 2010
16-Sept-25	Terrestrial Flora	518	1.259794	103.806731	<i>Guioa pubescens</i>	Sapindaceae	Hairy guioa	LC	No	Bet Point 6 & 7	BCM-4654	Ng, 2010
16-Sept-25	Terrestrial Flora	528	1.259227	103.806951	<i>Gynochthodes coriacea</i>	Rubiaceae	-	LC	No	Bet Point 4 & 5	BCM-4778	Ng, 2010
16-Sept-25	Terrestrial Flora	496	1.259735	103.808059	<i>Gynochthodes umbellata</i>	Rubiaceae	Climbing noni	LC	No	Point 1A	BCM-4439	Ng, 2010
16-Sept-25	Terrestrial Flora	497	1.259805	103.807921	<i>Gynochthodes umbellata</i>	Rubiaceae	Climbing noni	LC	No	Point 1B	BCM-4452	Ng, 2010
16-Sept-25	Terrestrial Flora	506	1.259937	103.807229	<i>Gynochthodes umbellata</i>	Rubiaceae	Climbing noni	LC	No	Point 6	BCM-4561	Ng, 2010
16-Sept-25	Terrestrial Flora	-	-	-	<i>Gynochthodes umbellata</i>	Rubiaceae	Climbing noni	LC	No	-	BCM-4415	Ng, 2010
16-Sept-25	Terrestrial Flora	496	1.259735	103.808059	<i>Ischaemum muticum</i>	Poaceae	Smutgrass	LC	No	Point 1A	BCM-4440	
16-Sept-25	Terrestrial Flora	497	1.259805	103.807921	<i>Ischaemum muticum</i>	Poaceae	Smutgrass	LC	No	Point 1B	BCM-4447	
16-Sept-25	Terrestrial Flora	491	1.259588	103.80772	<i>Ixora congesta</i>	Rubiaceae	-	LC	No	Bet Point 1B & 1D (top-Photo BCM4862)	BCM-4400	Ng, 2010
16-Sept-25	Terrestrial Flora	491	1.259588	103.80772	<i>Litsea elliptica</i>	Lauraceae	Medang perawas	LC	No	Bet Point 1B & 1D (top-Photo BCM4862)	BCM-4364	Ng, 2010
16-Sept-25	Terrestrial Flora	498	1.259748	103.807914	<i>Lygodium flexuosum</i>	Lygodiaceae	Maidenhair Creeper	LC	No	Point 1B	BCM-4463	
16-Sept-25	Terrestrial Flora	498	1.259748	103.807914	<i>Macaranga heynei</i>	Euphorbiaceae	Blue mahang	LC	No	Point 1B	BCM-4461	Ng, 2010
16-Sept-25	Terrestrial Flora	499	1.259817	103.807654	<i>Macaranga heynei</i>	Euphorbiaceae	Blue mahang	LC	No	Point 1D	BCM-4481	Ng, 2010
16-Sept-25	Terrestrial Flora	525	1.259357	103.80684	<i>Macaranga heynei</i>	Euphorbiaceae	Blue mahang	LC	No	Point 4	BCM-4760	Ng, 2010
16-Sept-25	Terrestrial Flora	536	1.258702	103.807219	<i>Macaranga heynei</i>	Euphorbiaceae	Blue mahang	LC	No	Point 5	BCM-2411	Ng, 2010
16-Sept-25	Terrestrial Flora	498	1.259748	103.807914	<i>Melastoma malabathricum</i>	Melastomataceae	Senduduk	LC	No	Point 1B	BCM-4458	Ng, 2010
16-Sept-25	Terrestrial Flora	499	1.259817	103.807654	<i>Melastoma malabathricum</i>	Melastomataceae	Senduduk	LC	No	Point 1D	BCM-4481	Ng, 2010
16-Sept-25	Terrestrial Flora	504	1.259887	103.807388	<i>Melastoma malabathricum</i>	Melastomataceae	Senduduk	LC	No	Point 2	BCM-4540	Ng, 2010
16-Sept-25	Terrestrial Flora	507	1.259899	103.807195	<i>Melastoma malabathricum</i>	Melastomataceae	Senduduk	LC	No	Point 6	BCM-4569	Ng, 2010
16-Sept-25	Terrestrial Flora	537	1.258733	103.807237	<i>Melastoma malabathricum</i>	Melastomataceae	Senduduk	LC	No	Point 5	BCM-2520	Ng, 2010
16-Sept-25	Terrestrial Flora	-	-	-	<i>Microrosarium scolopendria</i>	Polyodiaceae	Monarch fern	LC	No	-	BCM-4413	Ng, 2010
16-Sept-25	Terrestrial Flora	498	1.259748	103.807914	<i>Nephrolepis biserrata</i>	Dryopteridaceae	Giant sword fern	LC	No	Point 1B	BCM-4470	Ng, 2010
16-Sept-25	Terrestrial Flora	499	1.259817	103.807654	<i>Nephrolepis biserrata</i>	Dryopteridaceae	Giant sword fern	LC	No	Point 1D	BCM-4481	Ng, 2010
16-Sept-25	Terrestrial Flora	506	1.259937	103.807229	<i>Oncosperma tigillarum</i>	Palmae	Nibong	LC	No	Point 6	BCM-4547	Ng, 2010
16-Sept-25	Terrestrial Flora	510	1.259826	103.807136	<i>Oxyceros longiflorus</i>	Rubiaceae	Akar berdara laut/Akar duri	LC	No	Bet Point 6 & 7	BCM-4591	Ng, 2010
16-Sept-25	Terrestrial Flora	488	1.259533	103.808128	<i>Paederia foetida</i>	Rubiaceae	Lesser Malayan Stinkwort	LC	No	Point 1A	BCM-4335	
16-Sept-25	Terrestrial Flora	498	1.259748	103.807914	<i>Palaichia cernua</i>	Lycopodiaceae	Common Lycopodium	LC	No	Point 1B	BCM-4468	

16-Sept-25	Terrestrial Flora	499	1.259817	103.807654	<i>Planchonella obovata</i>	Sapotaceae	Sea gutta	LC	No		Point 1D	BCM-4495		Ng, 2010
16-Sept-25	Terrestrial Flora	504	1.259887	103.807388	<i>Planchonella obovata</i>	Sapotaceae	Sea gutta	LC	No		Point 2	BCM-4539		Ng, 2010
16-Sept-25	Terrestrial Flora	506	1.259937	103.807229	<i>Planchonella obovata</i>	Sapotaceae	Sea gutta	LC	No		Point 6	BCM-4548		Ng, 2010
16-Sept-25	Terrestrial Flora	522	1.259471	103.806753	<i>Planchonella obovata</i>	Sapotaceae	Sea gutta	LC	No		Point 3	BCM-4733		Ng, 2010
16-Sept-25	Terrestrial Flora	526	1.259295	103.806892	<i>Planchonella obovata</i>	Sapotaceae	Sea gutta	LC	No		Bet Point 4 & 5	BCM-4773		Ng, 2010
16-Sept-25	Terrestrial Flora	-	-	-	<i>Planchonella obovata</i>	Sapotaceae	Sea gutta	LC	No		-	BCM-4420		Ng, 2010
16-Sept-25	Terrestrial Flora	503	1.25992	103.807537	<i>Scaevola taccada</i>	Goodeniaceae	Sea lettuce	LC	No		Bet Point 1D & 2	BCM-4531		Ng, 2010
16-Sept-25	Terrestrial Flora	506	1.259937	103.807229	<i>Scaevola taccada</i>	Goodeniaceae	Sea lettuce	LC	No		Point 6 (Photo bcm-4546/4560/66 from bottom)	BCM-4546		Ng, 2010
16-Sept-25	Terrestrial Flora	522	1.259471	103.806753	<i>Scaevola taccada</i>	Goodeniaceae	Sea lettuce	LC	No		Point 3 (Photo 4730/34 from bottom)	BCM-4730		Ng, 2010
16-Sept-25	Terrestrial Flora	523	1.259365	103.80674	<i>Scaevola taccada</i>	Goodeniaceae	Sea lettuce	LC	No		Between point 3 & 4	BCM-4745		Ng, 2010
16-Sept-25	Terrestrial Flora	525	1.259357	103.80684	<i>Scaevola taccada</i>	Goodeniaceae	Sea lettuce	LC	No		Point 4	BCM-4759		Ng, 2010
16-Sept-25	Terrestrial Flora	536	1.258702	103.807219	<i>Scaevola taccada</i>	Goodeniaceae	Sea lettuce	LC	No		Point 5	BCM-2411		Ng, 2010
16-Sept-25	Terrestrial Flora	498	1.259748	103.807914	<i>Scleria ciliaris</i>	Cyperaceae	-	LC	No		Point 1B	BCM-4475		Ng, 2010
16-Sept-25	Terrestrial Flora	507	1.259899	103.807195	<i>Scleria ciliaris</i>	Cyperaceae	-	LC	No		Point 6	BCM-4572		Ng, 2010
16-Sept-25	Terrestrial Flora	498	1.259748	103.807914	<i>Syzygium cerasifforme</i>	Myrtaceae	Common kelat	LC	No		Point 1B	BCM-4462		Ng, 2010
16-Sept-25	Terrestrial Flora	506	1.259937	103.807229	<i>Syzygium cerasifforme</i>	Myrtaceae	Common kelat	LC	No		Point 1A	BCM-4550		Ng, 2010
16-Sept-25	Terrestrial Flora	496	1.259735	103.808059	<i>Syzygium grande</i>	Myrtaceae	Sea apple	LC	No		Point 6	BCM-4442		Ng, 2010
16-Sept-25	Terrestrial Flora	498	1.259748	103.807914	<i>Syzygium grande</i>	Myrtaceae	Sea apple	LC	No		Point 1B	BCM-4460		Ng, 2010
16-Sept-25	Terrestrial Flora	523	1.259365	103.80674	<i>Syzygium grande</i>	Myrtaceae	Sea apple	LC	No		Between point 3 & 4	BCM-4746		Ng, 2010
16-Sept-25	Terrestrial Flora	525	1.259357	103.80684	<i>Syzygium grande</i>	Myrtaceae	Sea apple	LC	No		Point 4	BCM-4760		Ng, 2010
16-Sept-25	Terrestrial Flora	-	-	-	<i>Syzygium grande</i>	Myrtaceae	Sea apple	LC	No		-	BCM-4414		Ng, 2010
16-Sept-25	Terrestrial Flora	499	1.259817	103.807654	<i>Syzygium zeylanicum</i>	Myrtaceae	Kelat nenas	LC	No		Point 1D	BCM-4502		Ng, 2010
16-Sept-25	Terrestrial Flora	507	1.259899	103.807195	<i>Syzygium zeylanicum</i>	Myrtaceae	Kelat nenas	LC	No		Point 6	BCM-4568		Ng, 2010
16-Sept-25	Terrestrial Flora	501	1.25988	103.807645	<i>Taenitis blechnoides</i>	Pteridaceae	Ribbon Fern	LC	No		Point 1D (Photo 4515 from bottom)	BCM-4519		Ng, 2010
16-Sept-25	Terrestrial Flora	507	1.259899	103.807195	<i>Taenitis blechnoides</i>	Pteridaceae	Ribbon Fern	LC	No		Point 6	BCM-4574		Ng, 2010
16-Sept-25	Terrestrial Flora	496	1.259735	103.808059	<i>Terminalia catappa</i>	Combretaceae	Ketapang	LC	No		Point 1A	BCM-4438		Ng, 2010
16-Sept-25	Terrestrial Flora	499	1.259817	103.807654	<i>Terminalia catappa</i>	Combretaceae	Ketapang	LC	No		Point 1D (Photo 4484 from bottom-last pt walk from top)	BCM-4481		Ng, 2010
16-Sept-25	Terrestrial Flora	506	1.259937	103.807229	<i>Terminalia catappa</i>	Combretaceae	Ketapang	LC	No		Point 6	BCM-4546		Ng, 2010
16-Sept-25	Terrestrial Flora	525	1.259357	103.80684	<i>Terminalia catappa</i>	Combretaceae	Ketapang	LC	No		Point 4	BCM-4756		Ng, 2010
16-Sept-25	Terrestrial Flora	-	-	-	<i>Terminalia catappa</i>	Combretaceae	Ketapang	LC	No		-	BCM-4412		Ng, 2010
16-Sept-25	Terrestrial Flora	-	-	-	<i>Tetracera indica</i>	Dilleniaceae	Assa indica	LC	No		-	BCM-4420		Ng, 2010
16-Sept-25	Terrestrial Flora	498	1.259748	103.807914	<i>Triadica cochinchinensis</i>	Euphorbiaceae	-	LC	No		Point 1B	BCM-4460		Ng, 2010
16-Sept-25	Terrestrial Flora	499	1.259817	103.807654	<i>Triadica cochinchinensis</i>	Euphorbiaceae	-	LC	No		Point 1D	BCM-4481		Ng, 2010
16-Sept-25	Terrestrial Flora	498	1.259748	103.807914	<i>Vitex pinnata</i>	Verbenaceae	Leban/Malayan teak	LC	No		Point 1B	BCM-4474		Ng, 2010
16-Sept-25	Terrestrial Flora	495	1.259899	103.8086	<i>Wollastonia biflora</i>	Asteraceae	Wedelia biflora	LC	No		Befor Point 1A	BCM-4429		Ng, 2010
16-Sept-25	Terrestrial Flora	496	1.259735	103.808059	<i>Hibiscus tillaceus</i>	Malvaceae	Sea hibiscus	LC	No		Point 1A	BCM-4435		Ng, 2010
16-Sept-25	Terrestrial Flora	497	1.259805	103.807921	<i>Hibiscus tillaceus</i>	Malvaceae	Sea hibiscus	LC	No		Point 1B (photo 4472 from bottom)	BCM-4447		Ng, 2010
16-Sept-25	Terrestrial Flora	504	1.259887	103.807388	<i>Hibiscus tillaceus</i>	Malvaceae	Sea hibiscus	LC	No		Point 2 (Photo BCM-4533 from bottom)	BCM-4536		Ng, 2010
16-Sept-25	Terrestrial Flora	506	1.259937	103.807229	<i>Hibiscus tillaceus</i>	Malvaceae	Sea hibiscus	LC	No		Point 6	BCM-4546		Ng, 2010
16-Sept-25	Terrestrial Flora	-	-	-	<i>Hibiscus tillaceus</i>	Malvaceae	Sea hibiscus	LC	No		-	BCM-4410		Ng, 2010
16-Sept-25	Terrestrial Flora	496	1.259735	103.808059	<i>Commelina diffusa</i>	Commelinaceae	Spreading Dayflower	Cryptogenic	No		Point 1A	BCM-4441		Ng, 2010
16-Sept-25	Terrestrial Flora	499	1.259817	103.807654	<i>Pteris vittata</i>	Pteridaceae	Chinese Brake Fern	Cryptogenic	No		Point 1D	BCM-4501		Ng, 2010
16-Sept-25	Terrestrial Flora	518	1.259794	103.806731	<i>Cuscuta campestris</i>	Convolvulaceae	-	Exotic	No		Bet Point 6 & 7	BCM-4653		Ng, 2010
16-Sept-25	Terrestrial Flora	-	-	-	<i>Pterocarpus indicus</i>	Fabaceae	Angsana	Non-native, casual	No		-	BCM-4421/25		Ng, 2010
16-Sept-25	Terrestrial Flora	498	1.259748	103.807914	<i>Epipremnum aureum</i>	Araceae	Money Plant	Non-native, casual	No		Point 1B	BCM-4467		Ng, 2010
16-Sept-25	Terrestrial Flora	499	1.259817	103.807654	<i>Epipremnum aureum</i>	Araceae	Money Plant	Non-native, casual	No		Point 1D	BCM-4481/4504		Ng, 2010
16-Sept-25	Terrestrial Flora	557	1.25746	103.808597	<i>Epipremnum aureum</i>	Araceae	Money Plant	Non-native, casual	No		Bet Point 5 & Rasa	BCM-1230		Ng, 2010
16-Sept-25	Terrestrial Flora	511	1.259772	103.807104	<i>Acacia auriculiformis</i>	Fabaceae	Acacia	Non-native, naturalised	No		Bet Point 6 & 7	BCM-4597		Ng, 2010
16-Sept-25	Terrestrial Flora	496	1.259735	103.808059	<i>Adenantha pavonina</i>	Fabaceae	Saga	Non-native, naturalised	No		Point 1A	BCM-4438		Ng, 2010
16-Sept-25	Terrestrial Flora	-	-	-	<i>Adenantha pavonina</i>	Fabaceae	Saga	Non-native, naturalised	No		-	BCM-41410		Ng, 2010
16-Sept-25	Terrestrial Flora	488	1.259533	103.808128	<i>Coccinia grandis</i>	Cucurbitaceae	Ivy Gourd	Non-native, naturalised	No		Point 1A	BCM-4340		Ng, 2010
16-Sept-25	Terrestrial Flora	498	1.259748	103.807914	<i>Cocos nucifera</i>	Arecaceae	Coconut	Non-native, naturalised	No		Point 1B	BCM-4460		Ng, 2010
16-Sept-25	Terrestrial Flora	488	1.259533	103.808128	<i>Epipremnum pinnatum</i>	Araceae	Dragon-Tail Plant	Non-native, naturalised	No		Point 1A (top-cannot see bottom)	BCM-4331		Ng, 2010
16-Sept-25	Terrestrial Flora	-	-	-	<i>Hevea brasiliensis</i>	Euphorbiaceae	Para rubber	Non-native, naturalised	No		-	BCM-4416		Ng, 2010
16-Sept-25	Terrestrial Flora	497	1.259805	103.807921	<i>Miconia crenata</i>	Melastomataceae	Koster's Curse	Non-native, naturalised	No		Point 1B	BCM-4447		Ng, 2010
16-Sept-25	Terrestrial Flora	499	1.259817	103.807654	<i>Miconia crenata</i>	Melastomataceae	Koster's Curse	Non-native, naturalised	No		Point 1D	BCM-4498		Ng, 2010
16-Sept-25	Terrestrial Flora	-	-	-	<i>Passiflora laurifolia</i>	Passifloraceae	Buah susu	Non-native, naturalised	No		-	BCM-4427		Ng, 2010
16-Sept-25	Terrestrial Flora	499	1.259817	103.807654	<i>Ptychosperma macarthurii</i>	Arecaceae	-	Non-native, naturalised	No		Point 1D	BCM-4495		Ng, 2010
16-Sept-25	Terrestrial Flora	-	-	-	<i>Ptychosperma macarthurii</i>	Arecaceae	-	Non-native, naturalised	No		-	BCM-4414		Ng, 2010
16-Sept-25	Terrestrial Flora	519	1.259685	103.806706	<i>Stachytarpheta jamaicensis</i>	Verbenaceae	Jamaica Snakeweed	Non-native, naturalised	No		Point 7	BCM-4687		Ng, 2010
16-Sept-25	Marine Flora	-	-	-	<i>Enhalus acoroides</i>	Hydrocharitaceae	Tape Seagrass	CR	Yes		Meadows within the intertidal area	-		Ng, 2010
16-Sept-25	Marine Flora	-	-	-	<i>Thalassia hemprichii</i>	Hydrocharitaceae	Sickle Seagrass	EN	Yes		Meadows within the intertidal area	-		Ng, 2010
16-Sept-25	Marine Flora	-	-	-	<i>Halodule uninervis</i>	Cymodoceaceae	Needle Seagrass	VU	Yes		Meadows within the intertidal area	-		Ng, 2010
16-Sept-25	Marine Flora	-	-	-	<i>Halophila ovalis</i>	Hydrocharitaceae	Spoon Seagrass	LC	Yes		Meadows within the intertidal area	-		Ng, 2010



Appendix C: Arboriculture Tree Data

Appendix C - Arboriculture Tree Data

Site	Date	Topo ID	Topo Species List	Topo girth	Topo Height	CP Tree ID	Species (Confirmed by CP)	Family	Origin	Status	Habit	Northing (Topo)	Easting (Topo)	Girth/ spread (m)	Height (m)
Tanjung rimau	2025-09-18	FSA0395	Khaya Senegalensis	1.7	17	AFP1088	Alstonia angustiloba	Apocynaceae	Native	Least conc	Tree	26911.31	25242.45	2.6	20
Tanjung rimau	2025-09-18	FSA0397	Ficus lyrata	0.6	6	AFP1089	Senna siamea	Fabaceae	Exotic	Cultivated	Tree	26909.23	25237.56	1.2	5
Tanjung rimau	2025-09-18	FSA0390	Khaya Senegalensis	2.5	17	AFP1090	Senna siamea	Fabaceae	Exotic	Cultivated	Tree	26909.9	25237.15	1.4	6
Tanjung rimau	2025-09-18	FSA1029	Pterocarpus Indicus	1.7	17	AFP1091	Syzygium grande	Myrtaceae	Native	Least conc	Tree	26897.5	25207	2.6	15
Tanjung rimau	2025-09-18	FSA1039	Leucaena Leucocephala	0.5	5	AFP1092	Adenantha pavonina	Fabaceae	Exotic	Naturalise	Tree	26901.61	25201.26	0.65	7
Tanjung rimau	2025-09-18	FSA1038	Leucaena Leucocephala	0.5	5	AFP1093	Adenantha pavonina	Fabaceae	Exotic	Naturalise	Tree	26902.92	25203.31	0.4	7
Tanjung rimau	2025-09-18	FSA1037	Leucaena Leucocephala	0.5	5	AFP1094	Senna siamea	Fabaceae	Exotic	Cultivated	Tree	26904.54	25203.17	0.5	4
Tanjung rimau	2025-09-18	FSA1035	Leucaena Leucocephala	0.5	5	AFP1095	Adenantha pavonina	Fabaceae	Exotic	Naturalise	Tree	26902.92	25198.29	0.6	9
Tanjung rimau	2025-09-18	FSA1034	Leucaena Leucocephala	0.5	5	AFP1096	Adenantha pavonina	Fabaceae	Exotic	Naturalise	Tree	26905.52	25196.05	1.1	7
Tanjung rimau	2025-09-18	FSA1033	Terminalia catappa	0.7	7	AFP1097	Alstonia angustiloba	Apocynaceae	Native	Least conc	Tree	26900.87	25192.8	0.7	10
Tanjung rimau	2025-09-18	FSA1031	Leucaena Leucocephala	0.5	5	AFP1098	Terminalia catappa	Combretaceae	Native	Least conc	Tree	26903.61	25188.61	2.9	15
Tanjung rimau	2025-09-18	FSA1032	Leucaena Leucocephala	0.5	5	AFP1099	Adenantha pavonina	Fabaceae	Exotic	Naturalise	Tree	26906.59	25190.7	1.5	6



Appendix D: Intertidal and Subtidal Survey Data

Date (DD-MMM-YYYY)	Cycle (1/2)	Site (e.g. Intertidal 1)	Survey type (e.g. Intertidal transect Intertidal map, ROV, Subtidal transect..)	Time in (h)	Time out (h)	Surveyors
26 Jul 2025	1	I05	Transect intertidal	6:40 AM	8:20 AM	SS ZH
26 Jul 2025	1	I03, I04	Transect intertidal	6:40 AM	8:20 AM	SL CT/AH HB YY
27 Jul 2025	1	I02	Transect intertidal	6:25 AM	9:00 AM	SS CH
27 Jul 2025	1	I01	Transect intertidal	6:25 AM	9:00 AM	SL JW
27 Jul 2025	-	-	Seagrass Mapping	6:00 AM	8:00 AM	PV MA
11 Aug 2025	2	I05	Transect intertidal	6:00 AM	8:00 AM	AH ZH YY
11 Aug 2025	2	I04	Transect intertidal	6:00 AM	8:00 AM	SL CH/ZL CT
12 Aug 2025	2	I03	Transect intertidal	6:25 AM	9:05 AM	AH HB
12 Aug 2025	2	I02, I01	Transect intertidal	6:25 AM	9:05 AM	SL CH/ZL JW
10 Oct 2025	-	-	Seagrass Mapping	5:40 PM	9:15 PM	SS YY ZA PV SL AH ZL
27 Aug 2025		S01 Crest	Subtidal	12:55 PM	13:55:00 PM	SS SL JO AH PV
28 Aug 2025		S01 Slope	Subtidal	9:31 AM	10:00 AM	SS SL JO AH PV
28 Aug 2025		S02 Crest	Subtidal	11:56 AM	12:56 AM	SS SL JO AH PV
29 Aug 2025		S02 Slope	Subtidal	9:27 AM	10:27 AM	SS SL JO AH PV
29 Aug 2025		S03 Crest	Subtidal	11:44 AM	12:30 AM	SS SL JO AH PV
29 Aug 2025		S03 Slope	Subtidal	1:31 PM	14:00:00 PM	SS SL JO PV

Start			End	
Site	Latitude	Longitude	Latitude	Longitude
I01	1.25996	103.80784	1.26022	103.80782
I02	1.25947	103.80664	1.258	103.80757
I03	1.25909	103.80687	1.258838978	103.806571
I04	1.258654995	103.807209	1.258280994	103.807036
I05	1.25798	103.80785	1.258	103.80757

Location	Latitude	
S01_Crest	1.26036	103.80791
S01_Slope	1.26004	103.80891
S02_Crest	1.26032	103.80612
S02_Slope	1.25974	103.80585
S03_Crest	1.25704	103.80791
S03_Slope	1.25694	103.80785

Size Class of Corals	Diameter (cm)
Size 1	<5
Size 2	5 to 10
Size 3	10 to 25
Size 4	25 to 50
Size 5	50 to 75
Size 6	75 to 100
Size 7	>100
Size 8	> 100 Mono-specific stands where individual colonies are not distinguishable

Appendix D - Intertidal and Subtidal Survey Data

Survey Database

Survey type	Date	Cycle	Transect/ Waypoint	Latitude	Longitude	Time	Type	Scientific name	Common name	Global status	National status	Threatened	Quantity	Observation type (seen/heard/caught/seen/other signs)	Coral size class	
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Bivalve	<i>Dentimodiolus</i> sp.	NA	NA	NA	1	Seen			
Intertidal Quadrat Survey	12 Aug 2025	2	I03	NA	NA	6:50 AM - 8:30 AM	Soft Coral	NA	Unidentified Soft coral	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2	I03	NA	NA	6:50 AM - 8:30 AM	Bivalve	<i>Vesticardium</i> sp.	NA	NA	NA	1	Seen			
Intertidal Quadrat Survey	11 Aug 2025	2	I05	NA	NA	6:00 AM - 8:00 AM	Gastropod	<i>Rhinoclavis sinensis</i>	Oblong vertagus	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	1	I02	NA	NA	6:50 AM - 7:45 AM	Sea cucumber	<i>Holothuria leucospicata</i>	Black long sea cucumber	Least Concern	Endangered	Yes	2	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Crab	<i>Thalassia pyrama</i>	Blue-spined swimming crab	Not Listed	Not Evaluated	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Hard coral	<i>Helopora coerulea</i>	Blue Coral	Least Concern	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Soft coral	NA	Unidentified Alcyonacea	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Hard coral	<i>Goniopora</i> sp.	NA	NA	NA	1	Seen			
Intertidal Quadrat Survey	27 Jul 2025	1	I02	NA	NA	6:40 AM - 8:00 AM	Barnacle	<i>Tetraclita</i> sp.	NA	NA	NA	1	Seen			
Intertidal Quadrat Survey	27 Jul 2025	1	I02	NA	NA	6:40 AM - 8:00 AM	Barnacle	<i>Tetraclita</i> sp.	NA	NA	NA	1	Seen			
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Sponge	NA	Unidentified Porifera	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	27 Jul 2025	1	I02	NA	NA	6:40 AM - 8:00 AM	Sponge	<i>Amorphnopsis excavans</i>	NA	Not Listed	Least Concern	NA	NA	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2	I02	NA	NA	6:50 AM - 7:45 AM	Crab	NA	Unidentified Porcelain crab	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	27 Jul 2025	1	I01	NA	NA	6:40 AM - 8:00 AM	Isopod	NA	Unidentified Isopoda	NA	NA	NA	2	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2	I03	NA	NA	6:50 AM - 8:30 AM	Anemone	<i>Edwardsiidae</i> sp.	NA	NA	NA	1	Seen			
Intertidal Quadrat Survey	12 Aug 2025	2	I03	NA	NA	6:50 AM - 8:30 AM	Fish	<i>Scolecenchelys macroptera</i>	Narrow worm-eel	Least Concern	Data Deficient	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Crab	NA	Unidentified Crab	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I05	NA	NA	6:40 AM - 8:00 AM	Crab	NA	Unidentified Crab	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I05	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Placida</i> sp.	Unidentified Sea slug	NA	NA	NA	3	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2	I05	NA	NA	6:50 AM - 8:30 AM	Shrimp	<i>Alpheus</i> sp.	Unidentified Snapping shrimp	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2	I05	NA	NA	6:00 AM - 8:00 AM	shrimp	<i>Carolinassia</i> sp.	Unidentified Gool ghost shrimp	Least Concern	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	11 Aug 2025	2	I05	NA	NA	6:00 AM - 8:00 AM	Fish	<i>Chelmon rostratus</i>	Copperband butterflyfish	Least Concern	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2	I02	NA	NA	6:50 AM - 7:45 AM	Gastropod	<i>Turbo articulatus</i>	NA	NA	NA	1	Seen			
Intertidal Quadrat Survey	26 Jul 2025	1	I05	NA	NA	6:40 AM - 8:00 AM	Sponge	<i>Chondrilla australiensis</i>	Melting chocolate porifera	Not Listed	Least Concern	NA	NA	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2	I03	NA	NA	6:50 AM - 8:30 AM	Gastropod	<i>Eulima scripta</i>	Lettered dove shell	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2	I03	NA	NA	6:50 AM - 8:30 AM	Gastropod	<i>Eulima scripta</i>	Lettered dove shell	Not Listed	Least Concern	NA	2	Seen		
Intertidal Quadrat Survey	11 Aug 2025	2	I04	NA	NA	6:00 AM - 7:00 AM	Fish	<i>Pleuronectesformos</i> sp.	Unidentified Flatfish	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	27 Jul 2025	1	I01	NA	NA	6:40 AM - 8:00 AM	Crab	<i>Pilumnus vesperitilo</i>	Hairy crab/ bad hair day crab	Not Listed	Not Evaluated	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Seagrass	<i>Halophila ovalis</i>	Spoon Seagrass	Least Concern	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	27 Jul 2025	1	I02	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Arakwana musiva</i>	NA	NA	NA	1	Seen			
Intertidal Quadrat Survey	12 Aug 2025	2	I03	NA	NA	6:50 AM - 8:30 AM	Crab	NA	Unidentified Crab	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2	I03	NA	NA	6:50 AM - 8:30 AM	Brittle star	<i>Alphaeus</i> sp.	Unidentified Brittle star	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I05	NA	NA	6:40 AM - 8:00 AM	Bivalve	<i>Barbatia amygdalotestum</i>	Burnt-almond ark	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Fish	<i>Parascorpaena picta</i>	Painted scorpionfish	Data Deficient	Near Threatened	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I05	NA	NA	6:40 AM - 8:00 AM	Hard coral	<i>NA</i>	Unidentified Scleractinia	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	27 Jul 2025	1	I01	NA	NA	6:40 AM - 8:00 AM	Hard coral	<i>Porites lutea</i>	NA	Least Concern	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Crab	NA	Unidentified Crab	NA	NA	NA	2	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Sponge	<i>Lendenfeldia cf. chondodes</i>	NA	NA	NA	1	Seen			
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Sponge	NA	Unidentified Porifera	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Sponge	NA	Unidentified Porifera	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Sponge	NA	Unidentified Porifera	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Fish	NA	Unidentified Trichopterae	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Crab	<i>Atergatis integerrimus</i>	Red egg crab	Not Listed	Near Threatened	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Bivalve	<i>Gem</i> sp.	Unidentified Clam	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Gastropod	<i>Eulima scripta</i>	Lettered dove shell	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Gastropod	<i>Dermatobranchus</i> sp.	NA	NA	NA	1	Seen			
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Sponge	NA	Unidentified Porifera	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Sea cucumber	<i>NA</i>	Unidentified Holothuridae	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Gastropod	<i>Drupella margariticola</i>	Shoulder castor bean	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Gastropod	<i>Ecolagena quadrimaculata</i>	Four-spotted cowrie	Not Listed	Near Threatened	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Bivalve	<i>Barbatia amygdalotestum</i>	Burnt-almond ark	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Polychaete	NA	Unidentified Polychaete	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Sponge	NA	Unidentified Porifera	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Polychaete	NA	Unidentified Polychaete	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Gastropod	<i>Drupella margariticola</i>	Shoulder castor bean	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Hermit crab	NA	Unidentified Hermit crab	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Seagrass	<i>Halophila ovalis</i>	Spoon Seagrass	Least Concern	Least Concern	NA	NA	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Fish	<i>Pilotus canius</i>	Black eetail catfish/ Gray ee-catfish	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Seagrass	<i>Halophila ovalis</i>	Spoon Seagrass	Least Concern	Least Concern	NA	NA	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Polychaete	<i>Eulima</i> sp.	Unidentified Tunicate	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Polychaete	NA	Unidentified Polychaete	NA	NA	NA	2	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I04	NA	NA	6:30 AM - 7:30 AM	Crab	NA	Unidentified Hermit crab	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Bivalve	<i>Acar pilosus</i>	NA	Not Listed	Not Evaluated	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Sponge	NA	Unidentified Porifera	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Tunicate	NA	Unidentified Ascidiacea	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Tunicate	<i>Diplosoma</i> sp.	Green gum drop ascidians	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Gastropod	<i>Naticarius hainanensis</i>	Moon snail	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Gastropod	<i>Chicoreus brunneus</i>	Burnt murel/ Adiantum porifera	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Sponge	<i>Chondrilla australiensis</i>	Melting chocolate porifera	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Gastropod	<i>Turbo articulatus</i>	NA	NA	NA	2	Seen			
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Gastropod	<i>Drupella margariticola</i>	Shoulder castor bean	Not Listed	Least Concern	NA	2	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Crab	<i>Pilodius</i> sp.	Pilodius rock crab	NA	NA	NA	2	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Bivalve	<i>Barbatia amygdalotestum</i>	Burnt-almond ark	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Sponge	<i>Ancorina</i> sp.	Unidentified Sponge	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Tunicate	NA	Unidentified Ascidiacea	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Crab	NA	Unidentified Hermit crab	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Gastropod	<i>Drupella margariticola</i>	Shoulder castor bean	Not Listed	Least Concern	NA	3	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Isopod	<i>Ligia</i> sp.	Sea slater	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Gastropod	<i>Eulima scripta</i>	Lettered dove shell	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Gastropod	NA	Unidentified Cerithiidae	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Gastropod	<i>Pictocolumbella ocellata</i>	Lightning dove shell	Not Listed	Least Concern	NA	2	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I03	NA	NA	7:40 AM - 8:30 AM	Soft coral	NA	Unidentified Alcyonacea	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I05	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Drupella margariticola</i>	Shoulder castor bean	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	26 Jul 2025	1	I05	NA	NA	6:40 AM - 8:00 AM										

Appendix D - Intertidal and Subtidal Survey Data

Survey Database

Intertidal Quadrat Survey	26 Jul 2025	1			05	NA	NA	6:40 AM - 8:00 AM	Sponge	<i>Mycale</i> sp.	Unidentified Sponge	NA	NA	NA	NA	Seen	
Intertidal Quadrat Survey	26 Jul 2025	1			05	NA	NA	6:40 AM - 8:00 AM	Hermit crab	<i>Diogenes</i> sp.	Tidal Hermit crab	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	26 Jul 2025	1			05	NA	NA	6:40 AM - 8:00 AM	Fish	<i>Isopod</i> sp.	Unidentified Sandgoby	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	26 Jul 2025	1			05	NA	NA	6:40 AM - 8:00 AM	Shrimp	NA	Unidentified Snapping shrimp	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	26 Jul 2025	1			05	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Pictocolubella ocellata</i>	Lightning dove shell	Not Listed	Least Concern	NA	2	Seen	
Intertidal Quadrat Survey	26 Jul 2025	1			05	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Euplia scripta</i>	Lettered dove shell	Not Listed	Least Concern	NA	1	Seen	
Intertidal Quadrat Survey	26 Jul 2025	1			05	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Turbo eriostratus</i>	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	26 Jul 2025	1			05	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Pardalipnos testudinarius</i>	Turtle dove snail	Not Listed	Least Concern	NA	2	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Crab	<i>Thalamita</i> sp.	Mottled swimming crab	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Polychaete	<i>Eunicis</i> sp.	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Sponge	<i>Amorphaeus excavans</i>	NA	Not Listed	Least Concern	NA	NA	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Sponge	<i>Lendenfeldia cf. chondrodes</i>	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Brittle star	NA	Unidentified Brittle star	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Drupella margariticola</i>	Shouldered castor bean	Not Listed	Least Concern	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Shrimp	<i>Palaemon</i> sp.	Glass shrimp	Not Listed	Least Concern	NA	3	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Anemone	<i>Stichodactyla mertensii</i>	Merten's Carpet anemone	Not Listed	Endangered	Yes	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Pictocolubella ocellata</i>	Lightning dove shell	Not Listed	Least Concern	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Drupella margariticola</i>	Shouldered castor bean	Not Listed	Least Concern	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Arokawania musiva</i>	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Crab	<i>Eriphia ferox</i>	Red eyed reef crab	Not Listed	Vulnerable	Yes	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Drupella margariticola</i>	Shouldered castor bean	Not Listed	Least Concern	NA	2	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Turbo articulatus</i>	Lightning dove shell	Not Listed	Least Concern	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Cypeomorus batillariaeformis</i>	NA	Not Listed	Not Evaluated	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Hermit crab	<i>Diogenes</i> sp.	Tidal hermit crab	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Anemone	<i>Phymatopus</i> sp.	Unidentified Frilly anemone	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Crab	NA	Unidentified Crab	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Cypeomorus batillariaeformis</i>	NA	Not Listed	Not Evaluated	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Pictocolubella ocellata</i>	Lightning dove shell	Not Listed	Least Concern	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Acanthopleura geminata</i>	Jewelled chiton/Gemmate chiton	Not Listed	Near Threatened	NA	2	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Drupella margariticola</i>	Shouldered castor bean	Not Listed	Least Concern	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Turbo articulatus</i>	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Gastropod	NA	Unidentified Moon shell	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Trochus miosulatus</i>	Turbin snail	Not Listed	Least Concern	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Reshia tuberculatus</i>	Bituberculate rock shell	Not Listed	Least Concern	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Metopograpsus</i> sp.	Crab	Unidentified Purple climber crab	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Anemone	<i>Anthopleura</i> sp.	Unidentified Banded bead anemone	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Pictocolubella ocellata</i>	Lightning dove shell	Not Listed	Least Concern	NA	3	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Drupella margariticola</i>	Shouldered castor bean	Not Listed	Least Concern	NA	NA	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Anemone	<i>Anthopleura</i> sp.	Unidentified Banded bead anemone	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	27 Jul 2025	1			02	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Pictocolubella ocellata</i>	Lightning dove shell	Not Listed	Least Concern	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Tunicate	<i>Eudistoma</i> sp.	Unidentified Bead ascidians	Least Concern	Least Concern	NA	3	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Sponge	NA	Unidentified Porifera	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Seagrass	<i>Halophila ovalis</i>	Spoon Seagrass	Least Concern	Least Concern	NA	NA	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Tunicate	<i>Eudistoma</i> sp.	Unidentified Bead ascidians	NA	NA	NA	NA	3	Seen
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Isopod	NA	Unidentified Isopoda	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Seagrass	<i>Halophila ovalis</i>	Spoon Seagrass	Least Concern	Least Concern	NA	NA	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Anemone	<i>Anemone</i> sp. 1	NA	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Anemone	<i>Anemone</i> sp. 2	NA	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Polychaete	NA	Unidentified Polychaete	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Amphipod	NA	Unidentified Amphipod	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Crab	NA	Unidentified Hermit crab	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Cerithium</i> sp.	Unidentified Cerith snail	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Nassarius creneliratus</i>	NA	Not Listed	Not Evaluated	NA	2	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Pardalipnos testudinarius</i>	Turtle dove snail	Not Listed	Least Concern	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Euplia scripta</i>	Lettered dove shell	Not Listed	Least Concern	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Tunicate	NA	Unidentified Ascidiacea	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Crab	NA	Unidentified Crab	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Nassarius creneliratus</i>	NA	Not Listed	Not Evaluated	NA	3	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Bivalve	<i>Dentimodiolus</i> sp.	NA	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Isopod	<i>Ligia</i> sp.	Sea slider	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Crab	<i>Pilodius</i> sp.	Pilodius rock crab	NA	NA	NA	NA	3	Seen
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Crab	NA	Unidentified porcelain crab	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Pollia fumosa</i>	Smoky gabblet	Not Listed	Least Concern	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Polychaete	NA	Unidentified Polychaete	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Bivalve	NA	Unidentified Oxyster	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Nerita undata</i>	Waved nerite	Not Listed	Not Evaluated	NA	1	Seen	
Intertidal Quadrat Survey	27 Jul 2025	1			01	NA	NA	6:40 AM - 8:00 AM	Gastropod	<i>Chicoreus brunneus</i>	Burnt murex/ <i>Adustumurex</i>	Not Listed	Least Concern	NA	1	Seen	
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6:00 AM - 7:00 AM	Crab	<i>Metopograpsus frontalis</i>	Purple climber crab	Not Listed	Not Evaluated	NA	1	Seen	
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6:55-8:00 AM	Soft coral	NA	Unidentified Alcyonacea	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6:00 AM - 7:00 AM	Anemone	NA	Unidentified Actinaria	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6:00 AM - 7:00 AM	Crab	NA	Unidentified Hermit crab	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6:00 AM - 7:00 AM	Gastropod	<i>Euplia scripta</i>	Lettered dove shell	Not Listed	Least Concern	NA	2	Seen	
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6:00 AM - 7:00 AM	Shrimp	NA	Unidentified Snapping shrimp	NA	NA	NA	100	Seen	
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6:00 AM - 7:00 AM	Crab	<i>Thalamita pyrama</i>	Blue-spined swimming crab	Not Listed	Not Evaluated	NA	1	Seen	
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6:00 AM - 7:00 AM	Crab	NA	Unidentified Hermit crab	NA	NA	NA	NA	2	Seen
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6:00 AM - 7:00 AM	Gastropod	<i>Rhinoclavis sinensis</i>	Unidentified Snapping shrimp	Not Listed	Least Concern	NA	3	Seen	
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6:00 AM - 7:00 AM	Sponge	NA	Unidentified Porifera	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6:00 AM - 7:00 AM	Polychaete	NA	Unidentified Polychaete	NA	NA	NA	NA	2	Seen
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6:00 AM - 7:00 AM	Isopod	NA	Unidentified Isopoda	NA	NA	NA	NA	2	Seen
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6:00 AM - 7:00 AM	Amphipod	NA	Unidentified Amphipod	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6:00 AM - 7:00 AM	Shrimp	NA	Unidentified Snapping shrimp	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6:00 AM - 7:00 AM	Fish	NA	Unidentified Syngnathidae	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6:00 AM - 7:00 AM	Crab	<i>Pilodius</i> sp.	Pilodius rock crab	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6:00 AM - 7:00 AM	Polychaete	NA	Unidentified Polychaete	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6:00 AM - 7:00 AM	Crab	<i>Alucolambinus granulatus</i>	Elbow crab	Not Listed	Data Deficient	NA	1	Seen	
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6:00 AM - 7:00 AM	Crab	NA	Unidentified Crab	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6:00 AM - 7:00 AM	Crab	<i>Leptodius</i> sp.	Spoon pincer crab	NA	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	11 Aug 2025	2			04	NA	NA	6									

Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Gastropod	<i>Turbo</i> sp.	Unidentified Turbo	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Gastropod	<i>Pardalipis testudinarius</i>	Turtle dove snail	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Gastropod	<i>Euphyllia</i> sp.	Lettered dove shell	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Bivalve	<i>Acar plicata</i>	NA	Not Listed	Not Evaluated	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Hard Coral	<i>Goniastrea retiformis</i>	NA	Least Concern	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Sponge	NA	Unidentified Porifera	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Crab	<i>Plilium vesperitilo</i>	Hairy crab/ bad hair day crab	Not Listed	Not Evaluated	NA	2	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Polychaete	<i>Sabellidae</i> sp.	Fan worm	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Sponge	<i>Sphacelopogon</i> sp.	NA	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Hard Coral	<i>Goniopora</i> sp.	NA	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Seagrass	<i>Halophila ovalis</i>	Spoon Seagrass	Least Concern	Least Concern	NA	NA	1	Seen	
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Sponge	<i>Haliciona</i> sp.	NA	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Seagrass	<i>Halophila ovalis</i>	Spoon Seagrass	Least Concern	Least Concern	NA	NA	1	Seen	
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Gastropod	<i>Pardalipis testudinarius</i>	Turtle dove snail	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Gastropod	<i>Drupella margariticola</i>	Shouldered castor bean	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Crab	NA	Unidentified Hermit crab	NA	NA	NA	3	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Crab	NA	Unidentified Crab	NA	NA	NA	6	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Crab	<i>Pilodius</i> sp.	Pilodius rock crab	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Gastropod	<i>Pollia fumosa</i>	Smoky gobbet	Not Listed	Least Concern	NA	2	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Bivalve	<i>Cyclotilina remies</i>	NA	Not Listed	Not Evaluated	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Bivalve	<i>Gafrarium dispar</i>	NA	Not Listed	Not Evaluated	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Gastropod	<i>Etiogavena quadriculata</i>	Four-spotted cowrie	Not Listed	Near Threatened	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		103	NA	NA	6:50 AM - 8:30 AM	Gastropod	<i>Pictocolumbella ocellata</i>	Lightning dove shell	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Crab	<i>Pilium vesperitilo</i>	Hairy crab/ bad hair day crab	Not Listed	Not Evaluated	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Crab	NA	Unidentified Hermit crab	NA	NA	NA	2	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Crab	NA	Unidentified Brittle star	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Bivalve	<i>Isognomon isognomon</i>	Wader tree oyster	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Crab	NA	Unidentified Anemone	NA	NA	NA	2	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Bivalve	<i>Anemone</i>	NA	Not Listed	Not Evaluated	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Gastropod	<i>Drupella margariticola</i>	Shouldered castor bean	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Sponge	NA	Unidentified Black bath sponge	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Tunicate	<i>Diplosoma</i> sp.	Green gum drop ascidians	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Sponge	<i>Lendenella cf. chondrodes</i>	NA	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Crab	<i>Pilodius</i> sp.	Pilodius rock crab	NA	NA	NA	NA	2	Seen	
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Crab	NA	Unidentified Hermit crab	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Polychaete	NA	Unidentified Polychaete	NA	NA	NA	4	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Anemone	<i>Stichodactyla gigantea</i>	Giant carpet anemone	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Bivalve	<i>Barbatia amygdalatumstam</i>	Burnt-almond ark	Not Listed	Least Concern	NA	4	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Bivalve	<i>Isognomon isognomon</i>	Wader tree oyster	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Gastropod	<i>Erronea</i> sp.	Unidentified swimming	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Gastropod	<i>Drupella margariticola</i>	Shouldered castor bean	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Crab	<i>Thalmita pyrrena</i>	Blue-spined swimming crab	Not Listed	Not Evaluated	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Crab	<i>Leptodius</i> sp.	Spoon pincer crab	NA	NA	NA	5	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Crab	<i>Pilium vesperitilo</i>	Hairy crab/ bad hair day crab	Not Listed	Not Evaluated	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Tunicate	<i>Diplosoma</i> sp.	Green gum drop ascidians	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Sponge	<i>Neopetrosia</i> sp.	Unidentified Sponge	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Sponge	<i>Chondrilla australiensis</i>	Melting chocolate porifera	Not Listed	Least Concern	NA	NA	NA	1	Seen
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Sponge	<i>Haliciona</i> sp.	NA	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Tunicate	NA	Unidentified Ascidiacea	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Gastropod	<i>Drupella margariticola</i>	Shouldered castor bean	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Gastropod	<i>Trochus</i> sp.	Unidentified Top shell	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Sea cucumber	NA	Unidentified Holothuridae	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Gastropod	<i>Pictocolumbella ocellata</i>	Lightning dove shell	Not Listed	Least Concern	NA	2	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Gastropod	NA	Unidentified Limpet	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Gastropod	<i>Cypraeomorpha bailliaeariformis</i>	NA	Not Listed	Not Evaluated	NA	4	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Gastropod	<i>Pictocolumbella ocellata</i>	Lightning dove shell	Not Listed	Least Concern	NA	2	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Crab	NA	Unidentified Crab	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Gastropod	<i>Turbo articulatus</i>	Lightning dove shell	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Gastropod	<i>Pictocolumbella ocellata</i>	Lightning dove shell	Not Listed	Least Concern	NA	8	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Gastropod	<i>Drupella margariticola</i>	Shouldered castor bean	Not Listed	Least Concern	NA	2	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Gastropod	<i>Cypraeomorpha bailliaeariformis</i>	NA	Not Listed	Not Evaluated	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Gastropod	<i>Murichorda rumphiusi</i>	Rumphius drupe	Not Listed	Not Evaluated	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		102	NA	NA	6:50 AM - 7:45 AM	Gastropod	<i>Cypraeomorpha petrosa</i>	Stony cerith	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		101	NA	NA	8:00 AM - 8:30 AM	Polychaete	NA	Unidentified polychaete	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	12 Aug 2025	2		101	NA	NA	8:00 AM - 8:30 AM	Crab	<i>Pilium vesperitilo</i>	Hairy crab/ bad hair day crab	Not Listed	Not Evaluated	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		101	NA	NA	8:00 AM - 8:30 AM	Crab	NA	Unidentified Hermit crab	NA	NA	NA	1	Seen		
Intertidal Quadrat Survey	12 Aug 2025	2		101	NA	NA	8:00 AM - 8:30 AM	Gastropod	<i>Pictocolumbella ocellata</i>	Lightning dove shell	Not Listed	Least Concern	NA	1	Seen		
Intertidal Quadrat Survey	NA	NA	NA	NA	NA	NA	NA	Algae	<i>Avrainvillea</i> sp.	NA	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	NA	NA	NA	NA	NA	NA	NA	Algae	<i>Bryopsis</i>	Bryopsis	NA	Not Evaluated	NA	NA	1	Seen	
Intertidal Quadrat Survey	NA	NA	NA	NA	NA	NA	NA	Algae	<i>Gaulepsia microphyssa</i>	Collared kingfisher	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	NA	NA	NA	NA	NA	NA	NA	Algae	<i>Chaetomorpha</i> sp.	NA	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	NA	NA	NA	NA	NA	NA	NA	Algae	<i>Lithothamnion</i> sp.	Coralline algae	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	NA	NA	NA	NA	NA	NA	NA	Algae	<i>Enteromorpha</i> sp.	NA	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	NA	NA	NA	NA	NA	NA	NA	Algae	<i>Gracilaria gracilis</i>	NA	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	NA	NA	NA	NA	NA	NA	NA	Algae	<i>Enteromorpha</i> sp.	NA	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	NA	NA	NA	NA	NA	NA	NA	Algae	<i>Neomeris</i> sp.	NA	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	NA	NA	NA	NA	NA	NA	NA	Algae	<i>Podina</i> sp.	NA	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	NA	NA	NA	NA	NA	NA	NA	Algae	<i>Sargassum</i> sp.	Sargassum	NA	NA	NA	NA	1	Seen	
Intertidal Quadrat Survey	NA	NA	NA	NA	NA	NA	NA	Algae	NA	Unidentified Udoteaceae	NA	NA	NA	NA	1	Seen	
Opportunistic Terrestrial Fauna	27 Jul 2025	1		SL1885	1.259954022	103.807792	7:49-28 AM	Bird	<i>Butorides atricapilla</i>	Little heron	Least Concern	Near Threatened	NA	1	Seen		
Opportunistic Terrestrial Fauna	27 Jul 2025																

Survey Date	Time	Location	Depth	Depth (m)	Depth (ft)	Time	Species	Abundance	Notes	Conservation Status	Other
Seagrass Mapping	15 Jul 2025	NA	PV3034	1.25998027	103.808097	8:29:22 AM	Seagrass	<i>Halophila ovalis</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	AH2046	1.25872599	103.80712	6:10:14 PM - 6:11:28 PM	Seagrass	<i>Enhalus acoroides</i>		Least Concern	Critically Endangered
Seagrass Mapping	10 Oct 2025	NA	PV164	1.26004972	103.80765		NA	Polychaete		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	SL2005	1.25915899	103.806385	7:41:00 PM	Hard coral	<i>Porites lutea</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	ZA taken location via phone	1.25833	103.80716	8:02:00 PM	Cephalopod	<i>Idiosepius</i> sp.		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	YY taken location via phone	1.257684	103.808055	7:53:00 PM	Fish	<i>Mulligillie</i> sp.		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	AH2041	1.25872599	103.80712	6:05:47 PM	Seagrass	<i>Halophila ovalis</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV169	1.26017681	103.808831	6:26:53 PM	Hard coral	<i>Diplostrota</i> sp.		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV161	1.259887973	103.806836	6:03:18 PM	Shrimp	NA	Unidentified Snapping shrimp	Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	SL1861	1.258619037	103.807174	6:06:32 PM	Seagrass	<i>Enhalus acoroides</i>		Least Concern	Critically Endangered
Seagrass Mapping	15 Jul 2025	NA	PV3032	1.26000002	103.808187	8:21:43 AM	Seagrass	<i>Halophila ovalis</i>		Least Concern	Least Concern
Seagrass Mapping	15 Jul 2025	NA	PV3033	1.26007028	103.808115	8:28:00 AM	Seagrass	<i>Halophila ovalis</i>		Least Concern	Least Concern
Seagrass Mapping	15 Jul 2025	NA	PV3033	1.26007028	103.808115	8:28:00 AM	Seagrass	<i>Halodule uninervis</i>		Least Concern	Endangered
Seagrass Mapping	15 Jul 2025	NA	SL1869	1.26013593	103.807383	8:43:46 AM	Seagrass	<i>Halodule uninervis</i>		Least Concern	Least Concern
Seagrass Mapping	15 Jul 2025	NA	SL1861	1.25983499	103.806716	8:53:58 PM	Gastropod	<i>Rochia maxima</i>		Least Concern	Least Concern
Seagrass Mapping	15 Jul 2025	NA	SL1868	1.25910965	103.806672	9:16:35 AM	Sea cucumber	<i>Holothuria leucospilata</i>		Least Concern	Endangered
Seagrass Mapping	15 Jul 2025	NA	SL1869	1.259865041	103.806816	9:18:00 AM	Seagrass	<i>Enhalus acoroides</i>		Least Concern	Critically Endangered
Seagrass Mapping	15 Jul 2025	NA	SL1873	1.25793595	103.807875	9:38:19 AM	Seagrass	<i>Enhalus acoroides</i>		Least Concern	Critically Endangered
Seagrass Mapping	15 Jul 2025	NA	SL1870	1.258599004	103.807121	9:24:03 AM	Seagrass	<i>Enhalus acoroides</i>		Least Concern	Critically Endangered
Seagrass Mapping	15 Jul 2025	NA	SL1870	1.258599004	103.807121	9:24:03 AM	Seagrass	<i>Halophila ovalis</i>		Least Concern	Least Concern
Seagrass Mapping	15 Jul 2025	NA	SL1871	1.258478975	103.807323	9:27:03 AM	Seagrass	<i>Halodule uninervis</i>		Least Concern	Endangered
Seagrass Mapping	15 Jul 2025	NA	SL1873	1.25793595	103.807875	9:38:19 AM	Seagrass	<i>Enhalus acoroides</i>		Least Concern	Critically Endangered
Seagrass Mapping	15 Jul 2025	NA	SL1873	1.25793595	103.807875	9:38:19 AM	Seagrass	<i>Halophila ovalis</i>		Least Concern	Critically Endangered
Seagrass Mapping	10 Oct 2025	NA	PV160	1.259783031	103.806717	5:58:32 PM	Gastropod	<i>Acanthopleura geminata</i>		Not Listed	Near Threatened
Seagrass Mapping	10 Oct 2025	NA	PV160	1.259783031	103.806717	5:58:32 PM	Barnacle	<i>Tetractilia</i> sp.		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV165	1.26002094	103.808062	6:14:55 PM	Fish	Unidentified Mullie		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV168	1.26007028	103.809055	6:21:47 PM	Soft coral	<i>Cladella</i> sp.		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV171	1.26015896	103.808466	6:34:24 PM	Seagrass	<i>Halophila ovalis</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV174	1.26009029	103.8083	6:41:35 PM	Seagrass	<i>Halophila ovalis</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV176	1.26004026	103.808178	6:46:46 PM	Seagrass	<i>Halophila ovalis</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV177	1.260111027	103.807958	6:47:36 PM	Fish	<i>Periophthalmus chrysopilus</i>		Least Concern	Vulnerable
Seagrass Mapping	10 Oct 2025	NA	PV179	1.260043038	103.808065	6:48:37 PM	Amelitia	<i>Spuncula</i> sp.		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV182	1.260107988	103.807931	6:51:58 PM	Seagrass	<i>Halophila ovalis</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV184	1.26001697	103.807894	6:54:51 PM	Seagrass	<i>Halophila ovalis</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV186	1.260072961	103.807716	6:56:39 PM	Amelitia	<i>Spuncula</i> sp.		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV188	1.260170024	103.807815	7:00:03 PM	Hard Coral	<i>Porites lutea</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV189	1.260030971	103.807516	7:02:26 PM	Hard Coral	<i>Porites lutea</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV189	1.260030971	103.807516	7:02:26 PM	Hard Coral	<i>Platygyria sinensis</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV190	1.26015502	103.8075	7:08:17 PM	Seagrass	<i>Halophila ovalis</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV196	1.260162983	103.807294	7:16:38 PM	Hard Coral	<i>Favites chinensis</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV197	1.260181097	103.807389	7:18:48 PM	Hard Coral	<i>Favites chinensis</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV202	1.260072039	103.807112	7:32:31 PM	Seagrass	<i>Enhalus acoroides</i>		Least Concern	Critically Endangered
Seagrass Mapping	10 Oct 2025	NA	PV198	1.260161977	103.807228	7:22:08 PM	Hard Coral	<i>Turbinaria frondosa</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV202	1.260072039	103.807112	7:32:31 PM	Seagrass	<i>Halophila ovalis</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV212	1.258697973	103.808623	8:13:43 PM	Seagrass	<i>Enhalus acoroides</i>		Least Concern	Critically Endangered
Seagrass Mapping	10 Oct 2025	NA	PV222	1.258866973	103.80862	8:13:43 PM	Seagrass	<i>Halophila ovalis</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV238	1.258757003	103.806953	8:20:13 PM	Seagrass	<i>Enhalus acoroides</i>		Least Concern	Critically Endangered
Seagrass Mapping	10 Oct 2025	NA	PV246	1.25843976	103.807068	8:24:44 PM	Hard Coral	<i>Porites lutea</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV247	1.25840798	103.807102	8:32:15 PM	Seagrass	<i>Enhalus acoroides</i>		Least Concern	Critically Endangered
Seagrass Mapping	10 Oct 2025	NA	PV247	1.25840798	103.807102	8:32:15 PM	Seagrass	<i>Halophila ovalis</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	SL2029	1.258169012	103.807201	8:35:13 PM	Hard Coral	<i>Porites lutea</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	SL2030	1.258158032	103.807867	8:37:58 PM	Hard Coral	<i>Porites lutea</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV210	1.258230032	103.807117	8:40:15 PM	Seagrass	<i>Enhalus acoroides</i>		Least Concern	Critically Endangered
Seagrass Mapping	10 Oct 2025	NA	SL2031	1.258190973	103.807287	8:40:35 PM	Seagrass	<i>Enhalus acoroides</i>		Least Concern	Critically Endangered
Seagrass Mapping	10 Oct 2025	NA	SL2034	1.258159038	103.807314	8:41:51 PM	Seagrass	<i>Enhalus acoroides</i>		Least Concern	Critically Endangered
Seagrass Mapping	10 Oct 2025	NA	SL2036	1.258079996	103.807399	8:42:49 PM	Seagrass	<i>Enhalus acoroides</i>		Least Concern	Critically Endangered
Seagrass Mapping	10 Oct 2025	NA	SL2037	1.258102963	103.807364	8:43:27 PM	Seagrass	<i>Enhalus acoroides</i>		Least Concern	Critically Endangered
Seagrass Mapping	10 Oct 2025	NA	SL2041	1.258055018	103.807486	8:44:41 PM	Seagrass	<i>Enhalus acoroides</i>		Least Concern	Critically Endangered
Seagrass Mapping	10 Oct 2025	NA	PV252	1.257974971	103.807748	8:49:24 PM	Seagrass	<i>Enhalus acoroides</i>		Least Concern	Critically Endangered
Seagrass Mapping	10 Oct 2025	NA	PV258	1.257069667	103.806708	9:03:23 PM	Seagrass	<i>Enhalus acoroides</i>		Least Concern	Critically Endangered
Seagrass Mapping	10 Oct 2025	NA	ZA taken location via phone	1.25866	103.80566	9:24:00 PM	Crab	Green egg crab/ Floral egg crab		Least Concern	Critically Endangered
Seagrass Mapping	10 Oct 2025	NA	ZA taken location via phone	1.25872	103.80675	7:19:00 PM	Cephalopod	<i>Octopodia</i> sp.		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	ZA taken location via phone	1.25858	103.80686	7:48:00 PM	Crab	<i>Atergatis integerrimus</i>		Not Listed	Near Threatened
Seagrass Mapping	10 Oct 2025	NA	ZA taken location via phone	1.25833	103.80716	8:02:00 PM	Fish	Copperband butterflyfish		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	ZA taken location via phone	1.25758	103.80775	9:13:00 PM	Cephalopod	Unidentified Octopus		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	YY taken location via phone	1.257593	103.80818	8:14:00 PM	Fish	<i>Epinepelus erythrura</i>		Least Concern	Vulnerable
Seagrass Mapping	10 Oct 2025	NA	NA	NA	NA	NA	Fish	<i>Avilidae</i> sp.		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV180	1.259783031	103.806717	5:58:32 PM	Gastropod	Unidentified Cochlidiae		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV164	1.26004972	103.80765	6:14:11 PM	Sancti danielae	<i>Afrocusimix africana</i>		Not Listed	Vulnerable
Seagrass Mapping	10 Oct 2025	NA	SL2678	1.260181004	103.808777	6:29:14 PM	Crab	<i>Atergatis integerrimus</i>		Not Listed	Near Threatened
Seagrass Mapping	10 Oct 2025	NA	SL2679	1.260135966	103.808497	6:34:23 PM	Crab	<i>Plilumus versipellis</i>		Not Listed	Not Evaluated
Seagrass Mapping	10 Oct 2025	NA	SL2681	1.260103974	103.808292	6:41:41 PM	Anemone	<i>Stichodactyla gigantea</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	SL2685	1.260179998	103.808013	6:54:11 PM	Hard Coral	<i>Porites lutea</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	SL2686	1.26014404	103.807874	6:56:33 PM	Hard Coral	<i>Porites lutea</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	SL2688	1.26020688	103.807491	7:09:38 PM	Hard Coral	<i>Goniopora</i> sp.		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	SL2689	1.260113027	103.807423	7:13:01 PM	Crab	<i>Quis quagultus</i>		Not Listed	Not Evaluated
Seagrass Mapping	10 Oct 2025	NA	PV199	1.260150997	103.807151	7:27:46 PM	Hard Coral	<i>Porites lutea</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV199	1.260150997	103.807151	7:27:46 PM	Hard Coral	<i>Porites lutea</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV199	1.260150997	103.807151	7:27:46 PM	Hard Coral	<i>Platygyria ruykuyensis</i>		Least Concern	Data Deficient
Seagrass Mapping	10 Oct 2025	NA	PV199	1.260150997	103.807151	7:27:46 PM	Hard Coral	<i>Turbinaria frondosa</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV200	1.260141023	103.807178	7:31:15 PM	Soft coral	NA	Maze brain coral	Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV204	1.260087965	103.807046	7:33:46 PM	Hard Coral	NA	Maze brain coral	Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV205	1.260048889	103.807139	7:34:20 PM	Hard Coral	<i>Favites chinensis</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV206	1.26017972	103.806619	7:37:33 PM	Anthozoa	NA	Unidentified Corallimorph	Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV207	1.260091988	103.806852	7:40:41 PM	Hard Coral	<i>Porites lutea</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV207	1.260091988	103.806852	7:40:41 PM	Hard Coral	<i>Porites lutea</i>		Least Concern	Least Concern
Seagrass Mapping	10 Oct 2025	NA	PV208	1.260061981	103.806629	7:45:06 PM	Hard Coral	<i>Porites lutea</i>		Least Concern	Least Concern
Seagrass Mapping	1										

Appendix D - Intertidal and Subtidal Survey Data

Survey Database

Survey Date	Time	Lat	Long	Depth	Depth (m)	Species	Abundance	Conservation Status	Notes					
Seagrass Mapping	10 Oct 2025	NA	SL1977	1.258464977	103.807121	6:30-52 PM	Hard Coral	<i>Helipora caerulea</i>	Least Concern	Least Concern	NA	1	Seen	7
Seagrass Mapping	10 Oct 2025	NA	AH2055	1.258591041	103.806991	6:42:05 PM	Hard Coral	<i>Helipora caerulea</i>	Least Concern	Least Concern	NA	1	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2055	1.258591041	103.806991	6:42:05 PM	Crab	<i>Plagusia pelagica</i>	Least Concern	Least Concern	NA	1	Not Evaluated	4
Seagrass Mapping	10 Oct 2025	NA	SL1978	1.258611996	103.807012	6:45:51 PM	Hard Coral	<i>Porites pini</i>	Least Concern	Least Concern	NA	1	Seen	5
Seagrass Mapping	10 Oct 2025	NA	SL1979	1.25866103	103.806996	6:46:56 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	SL1981	1.258689025	103.806988	6:48:03 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2059	1.258690942	103.806981	6:48:53 PM	Hard Coral	NA	Least Concern	Least Concern	NA	1	Seen	4
Seagrass Mapping	10 Oct 2025	NA	AH2059	1.258663042	103.806881	6:49:53 PM	Soft coral	<i>Stereonephtha</i> sp.	Least Concern	Least Concern	NA	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	SL1986	1.258720038	103.806952	6:49:38 PM	Hard Coral	<i>Porites lutea</i>	Least Concern	Least Concern	NA	1	Seen	4
Seagrass Mapping	10 Oct 2025	NA	AH2060	1.258625990	103.806955	6:55:01 PM	Hard Coral	<i>Favites coccinea</i>	Least Concern	Least Concern	NA	1	Seen	4
Seagrass Mapping	10 Oct 2025	NA	AH2061	1.258663042	103.806809	6:58:37 PM	Crab	<i>Atergatis integriramus</i>	Not Listed	Near Threatened	NA	1	Seen	5
Seagrass Mapping	10 Oct 2025	NA	SL1988	1.258677961	103.806826	7:00:19 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2063	1.25872096	103.806835	7:02:10 PM	Hard Coral	<i>Porites lutea</i>	Least Concern	Least Concern	NA	1	Seen	4
Seagrass Mapping	10 Oct 2025	NA	SL1990	1.258741999	103.806832	7:03:16 PM	Hard Coral	<i>Porites lutea</i>	Least Concern	Least Concern	NA	1	Seen	4
Seagrass Mapping	10 Oct 2025	NA	SL1991	1.258750968	103.806815	7:06:28 PM	Hard Coral	<i>Porites lutea</i>	Least Concern	Least Concern	NA	1	Seen	5
Seagrass Mapping	10 Oct 2025	NA	SL1993	1.25879799	103.806802	7:09:23 PM	Hard Coral	<i>Favites chinensis</i>	Least Concern	Least Concern	NA	1	Seen	5
Seagrass Mapping	10 Oct 2025	NA	SL1994	1.258792039	103.806813	7:09:45 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	6
Seagrass Mapping	10 Oct 2025	NA	SL1996	1.258815005	103.806886	7:11:56 PM	Hard Coral	<i>Goniastrea favulus</i>	Least Concern	Least Concern	NA	1	Seen	5
Seagrass Mapping	10 Oct 2025	NA	SL1997	1.258907961	103.806825	7:15:09 PM	Hard Coral	<i>Platygygia rubyuanis</i>	Least Concern	Data Deficient	NA	1	Seen	5
Seagrass Mapping	10 Oct 2025	NA	SL1998	1.258940885	103.806832	7:17:33 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2064-65	1.258932017	103.806884	7:17:54 PM to 7:19:45 PM	Seagrass	<i>Halophila ovalis</i>	Least Concern	Least Concern	NA	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	SL1999	1.258956941	103.806759	7:21:41 PM	Hard Coral	<i>Porites lutea</i>	Least Concern	Least Concern	NA	1	Seen	4
Seagrass Mapping	10 Oct 2025	NA	AH2066	1.258959595	103.806693	7:24:36 PM	Fish	<i>Mugilidae</i> sp.	Least Concern	Least Concern	NA	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2067	1.258999994	103.806671	7:26:39 PM	Hard Coral	<i>Porites lutea</i>	Least Concern	Least Concern	NA	1	Seen	4
Seagrass Mapping	10 Oct 2025	NA	SL2000	1.258995971	103.806663	7:26:15 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	4
Seagrass Mapping	10 Oct 2025	NA	SL2002	1.259034974	103.806675	7:29:20 PM	Hard Coral	<i>Platygygia rubyuanis</i>	Least Concern	Data Deficient	NA	1	Seen	4
Seagrass Mapping	10 Oct 2025	NA	SL2003	1.25903897	103.806583	7:31:56 PM	Hard Coral	<i>Porites lutea</i>	Least Concern	Least Concern	NA	1	Seen	4
Seagrass Mapping	10 Oct 2025	NA	SL2004	1.259042993	103.806503	7:35:47 PM	Hard Coral	<i>Porites lutea</i>	Least Concern	Least Concern	NA	1	Seen	6
Seagrass Mapping	10 Oct 2025	NA	AH2068	1.259230318	103.80644	7:42:26 PM	Cephalopod	<i>Octopodidae</i> sp.	Least Concern	Least Concern	NA	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2068	1.259230318	103.80644	7:42:26 PM	Shrimp	Common shrimp	Least Concern	Least Concern	NA	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2068	1.259230318	103.80644	7:42:26 PM	Fish	<i>Centropyge vaiensis</i>	Not Listed	Least Concern	NA	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2068	1.259230318	103.80644	7:42:26 PM	Shrimp	<i>Palaemon</i> sp.	Least Concern	Least Concern	NA	NA	Seen	6
Seagrass Mapping	10 Oct 2025	NA	SL2006	1.259338036	103.806333	7:50:11 PM	Hard Coral	<i>Porites lutea</i>	Least Concern	Least Concern	NA	1	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2069	1.259332033	103.806363	7:50:04 PM	Hard Coral	<i>Porites lutea</i>	Least Concern	Least Concern	NA	1	Seen	6
Seagrass Mapping	10 Oct 2025	NA	SL2007	1.259353004	103.806355	7:52:21 PM	Hard Coral	<i>Favites chinensis</i>	Least Concern	Least Concern	NA	1	Seen	4
Seagrass Mapping	10 Oct 2025	NA	SL2008	1.259372989	103.806363	7:55:51 PM	Crab	<i>Atergatis integriramus</i>	Not Listed	Near Threatened	NA	1	Seen	4
Seagrass Mapping	10 Oct 2025	NA	AH2070	1.259330958	103.806394	7:57:12 PM	Hard Coral	<i>Porites lutea</i>	Least Concern	Least Concern	NA	1	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2071	1.259327706	103.806413	7:59:33 PM	Hard Coral	<i>Platygygia rubyuanis</i>	Least Concern	Data Deficient	NA	1	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2072	1.25890201	103.806737	8:07:36 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	SL2010	1.25894702	103.806669	8:08:12 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2076	1.258901809	103.806863	8:13:45 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2073 (start coord)	1.258921959	103.806861	8:08:50 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2074 (end coord)	1.258907961	103.806871	8:09:06 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2075	1.258888985	103.806815	8:10:15 PM	Crab	<i>Atergatis integriramus</i>	Not Listed	Near Threatened	NA	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	SL2015	1.258740115	103.806887	8:12:55 PM	Crab	Red eyed reef crab	Least Concern	Vulnerable	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2077 (start coord)	1.258762032	103.806905	8:14:19 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2078 (end coord)	1.258780975	103.806887	8:15:14 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2079	1.258448964	103.807009	8:17:43 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2080	1.2585112	103.80711	8:18:41 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	SL2017	1.258841995	103.806832	8:18:05 PM	Fish	<i>Plectrohinchus gibbosus</i>	Least Concern	Vulnerable	Yes	2	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2081	1.258472018	103.807116	8:19:07 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	SL2018	1.2588959	103.806919	8:21:04 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	SL2019	1.258638885	103.806923	8:22:38 PM	Crab	<i>Atergatis integriramus</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2082	1.25834302	103.807294	8:22:58 PM	Nemertea	NA	Least Concern	Near Threatened	NA	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	SL2021	1.258629011	103.806992	8:24:12 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2083	1.258656024	103.806998	8:26:22 PM	Fish	<i>Mugilidae</i> sp.	Least Concern	Least Concern	NA	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	SL2025	1.25818025	103.807128	8:28:58 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2085	1.258155014	103.807488	8:31:49 PM	Fish	<i>Epiplatys erythrurus</i>	Least Concern	Vulnerable	Yes	1	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2086	1.258002967	103.807575	8:34:15 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2087	1.25796902	103.807586	8:36:22 PM	Fish	<i>Diemichthys iluaceteoides</i>	Least Concern	Not Evaluated	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2088 (Start coord)	1.257426562	103.807973	8:43:38 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2089 (End Coord)	1.257439032	103.807973	8:44:36 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2090	1.257282961	103.808163	8:46:18 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2091	1.257285079	103.808205	8:47:03 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2092	1.257355976	103.808276	8:47:33 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2093	1.257355968	103.808302	8:49:57 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2094	1.257366026	103.808337	8:50:44 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2095 (start coord)	1.257354962	103.808367	8:51:23 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2096 (End coord)	1.257382035	103.808381	8:51:50 PM	Seagrass	<i>Enhalus acoroides</i>	Least Concern	Critically Endangered	Yes	NA	Seen	5
Seagrass Mapping	10 Oct 2025	NA	AH2097	1.257370971	103.808267	8:57:29 PM	Hard Coral	<i>Goniastrea retiformis</i>	Least Concern	Least Concern	NA	1	Seen	7
Seagrass Mapping	10 Oct 2025	NA	SL3746	1.26060701	103.806729	06:12:49 PM	Seagrass	<i>Halophila ovalis</i>	Least Concern	Least Concern	NA	1	Seen	7
Seagrass Mapping	10 Oct 2025	NA	SL3748	1.260185037	103.808873	06:24:36 PM	Crab	<i>Atergatis florida</i>	Not Listed	Vulnerable	Yes	1	Seen	7
Seagrass Mapping	10 Oct 2025	NA	SL3750	1.260053013	103.807055	06:53:14 PM	Crab	<i>Metopagrus frontalis</i> cf.	Least Concern	Least Concern	NA	1	Seen	7
Seagrass Mapping	10 Oct 2025	NA	SL3750	1.260053013	103.807055	06:53:14 PM	Gastropod							

Appendix D - Intertidal and Subtidal Survey Data

Survey Datasheet

Survey Date	Time	Location	Observer	Species	Abundance	Notes	Conservation Status	Other						
Seagrass Mapping	27 Jul 2025	NA	PV3040	1.25708035	103.808753	6:30-10 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3040	1.25708035	103.808753	6:30-10 AM	Seagrass	<i>Thalassia hemprichii</i>	Sickle Seagrass	Least Concern	Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3041	1.25680992	103.808739	6:31-44 AM	Seagrass	<i>Thalassia hemprichii</i>	Sickle Seagrass	Least Concern	Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3042	1.256847018	103.808762	6:33:01 AM	Seagrass	<i>Thalassia hemprichii</i>	Sickle Seagrass	Least Concern	Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3042	1.256847018	103.808762	6:33:01 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3043	1.25674087	103.808802	6:33-53 AM	Seagrass	<i>Halophila ovalis</i>	Spoon Seagrass	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3045	1.256847024	103.808867	6:37-27 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3048	1.256464971	103.808853	6:42-11 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3049	1.256551975	103.808815	6:43-11 AM	Hard Coral	<i>Porites lutea</i>	NA	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3050	1.256592041	103.808775	6:46-55 AM	Fish	<i>Taeniura lyymia</i>	Blue-spotted fantail ray	Least Concern	Vulnerable	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3051	1.256671996	103.808843	6:51-12 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3052	1.256874008	103.808844	6:52-27 AM	Hard Coral	<i>Helopora coerulea</i>	Blue Coral	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3054	1.256873002	103.808852	6:58-12 AM	Hard Coral	<i>Helopora coerulea</i>	Blue Coral	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3055	1.256860339	103.808772	7:00-19 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3056	1.256860980	103.808884	7:00-46 AM	Soft coral	<i>Sinularia sp.</i>	Unidentified Smooth leathery soft coral	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3057	1.256885994	103.808849	7:01-03 AM	Soft coral	<i>Sinularia sp.</i>	Unidentified Smooth leathery soft coral	Least Concern	NA	NA	NA	NA
Seagrass Mapping	27 Jul 2025	NA	PV3059	1.256914996	103.808855	7:02-47 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3060	1.256950032	103.808896	7:03-32 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3061	1.257039868	103.808811	7:05-23 AM	Hard Coral	<i>Porites lutea</i>	NA	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3061	1.257053968	103.808841	7:05-23 AM	Hermit crab	<i>Dardanus lagopodes</i>	Hairy red hermit crab	Not Listed	Not Evaluated	NA	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3062	1.257056985	103.808296	7:09-31 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3063	1.257249884	103.808814	7:11-03 AM	Soft coral	<i>Sarcophyton sp.</i>	Unidentified Smooth leathery soft coral	Least Concern	NA	NA	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3064	1.257203038	103.808125	7:11-53 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3065	1.257326966	103.8082	7:12-44 AM	Hard Coral	<i>Goniastrea retiformis</i>	NA	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3066	1.257319003	103.808162	7:15-22 AM	Spider	<i>Desis martensii</i>	Von Martens' reef spider	Not Listed	Vulnerable	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3067	1.257395031	103.808127	7:16-12 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3069	1.257588984	103.807756	7:21-33 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3070	1.257584039	103.807626	7:22-18 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3071	1.257567024	103.8076	7:22-43 AM	Hard Coral	<i>Goniastrea edwardsii</i>	NA	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3072	1.257120019	103.807625	7:23-48 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3073	1.257595804	103.807538	7:28-09 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3074	1.257867008	103.80754	7:28-40 AM	Soft coral	<i>Cladella sp.</i>	Unidentified Soft coral	Least Concern	NA	NA	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3075	1.257887963	103.807549	7:29-12 AM	Hard Coral	<i>Goniastrea sp.</i>	NA	Least Concern	NA	NA	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3076	1.257970026	103.807553	7:30-52 AM	Seagrass	<i>Goniastrea edwardsii</i>	NA	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3077	1.25791032	103.807563	7:33-27 AM	Shrimp	NA	Unidentified Snapping shrimp	Least Concern	NA	NA	NA	Heard
Seagrass Mapping	27 Jul 2025	NA	PV3078	1.257909006	103.807439	7:34-59 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3079	1.257913029	103.807433	7:35-29 AM	Soft coral	<i>Sarcophyton sp.</i>	Unidentified Omelette leathery soft coral	Least Concern	NA	NA	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3080	1.257919692	103.807431	7:35-40 AM	Soft coral	<i>Cnidaria sp.</i>	Unidentified Omelette leathery soft coral	Least Concern	NA	NA	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3081	1.257931972	103.807425	7:36-02 AM	Soft coral	<i>Cnidaria sp.</i>	Unidentified Soft coral	Least Concern	NA	NA	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3083	1.257887967	103.807337	7:37-09 AM	Hard Coral	<i>Porites lutea</i>	NA	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3084	1.25787956	103.807322	7:38-13 AM	Hard Coral	<i>Porites lutea</i>	NA	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3085	1.257990027	103.807449	7:40-39 AM	Hard Coral	<i>Coelastrea espasa</i>	NA	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3085	1.258000033	103.807459	7:42-27 AM	Crab	<i>Pilumnus versipellis</i>	Hairy crab/ bad hair day crab	Not Listed	Not Evaluated	NA	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3086	1.258039009	103.807422	7:42-55 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3089	1.258095	103.807485	7:46-10 AM	Hard Coral	<i>Goniastrea retiformis</i>	NA	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3090	1.258083014	103.807434	7:45-35 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3091	1.258116961	103.807243	7:47-14 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3092	1.258097012	103.807172	7:47-50 AM	Hard Coral	NA	Unidentified Merulinidae	Least Concern	NA	NA	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3093	1.258184016	103.807123	7:51-26 AM	Hard Coral	<i>Porites lutea</i>	NA	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3094	1.258323966	103.807117	7:52-42 AM	Hard Coral	<i>Porites lutea</i>	NA	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3095	1.258257022	103.807139	7:54-04 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3096	1.25830899	103.807135	7:54-54 AM	Hard Coral	<i>Helopora coerulea</i>	Blue Coral	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3097	1.25824302	103.807096	7:55-52 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3098	1.258349977	103.807028	7:57-16 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3099	1.258348972	103.807044	7:57-51 AM	Hard Coral	<i>Porites lutea</i>	NA	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3100	1.25835993	103.807098	7:59-14 AM	Hard Coral	<i>Labollipia recta</i>	Grooved brain coral	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3101	1.258369882	103.807135	8:00-22 AM	NA	Unidentified Merulinidae	Least Concern	NA	NA	NA	Seen	
Seagrass Mapping	27 Jul 2025	NA	PV3102	1.258351017	103.807419	8:02-23 AM	Hard Coral	<i>Goniastrea retiformis</i>	NA	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3103	1.258509988	103.807033	8:03-58 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3104	1.258364973	103.806927	8:05-15 AM	Hard Coral	<i>Helopora coerulea</i>	Blue Coral	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3105	1.258361987	103.806932	8:05-03 AM	Hard Coral	<i>Helopora coerulea</i>	Blue Coral	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3106	1.258623982	103.806969	8:07-28 AM	Hard Coral	<i>Helopora coerulea</i>	Blue Coral	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3107	1.258420964	103.806926	8:08-25 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3108	1.258474028	103.806781	8:09-20 AM	Hard Coral	<i>Porites lutea</i>	NA	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3109	1.258780975	103.80678	8:10-13 AM	Hard Coral	<i>Goniastrea edwardsii</i>	NA	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3110	1.258832021	103.806826	8:11-18 AM	Hard Coral	NA	Unidentified Merulinidae	Least Concern	NA	NA	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3111	1.258946015	103.806626	8:13-34 AM	Gastropod	<i>Trachos inculatus</i>	Turban snail	Not Listed	Least Concern	NA	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3112	1.259008963	103.806444	8:14-06 AM	Hard Coral	<i>Goniastrea fulvula</i>	NA	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3113	1.259036988	103.806463	8:15-00 AM	Hard Coral	<i>Goniastrea fulvula</i>	NA	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3115	1.259052968	103.806694	8:17-24 AM	Seagrass	<i>Halophila ovalis</i>	Spoon Seagrass	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3117	1.259082975	103.806783	8:18-52 AM	Seagrass	<i>Halodule uninervis</i>	Needle Seagrass	Least Concern	Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3117	1.259082975	103.806783	8:18-52 AM	Seagrass	<i>Halophila ovalis</i>	Spoon Seagrass	Least Concern	Least Concern	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3119	1.259041987	103.80682	8:20-08 AM	Seagrass	<i>Halodule uninervis</i>	Needle Seagrass	Least Concern	Endangered	Yes	NA	Seen
Seagrass Mapping														

Appendix D - Intertidal and Subtidal Survey Data

Survey Datasets

Seagrass Mapping	27 Jul 2025	NA	PV3145	1.256884985	103.808686	8:40-50 AM	Seagrass	<i>Thalassia hemprichii</i>	Sickle Seagrass	Least Concern	Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3145	1.256884985	103.808686	8:40-50 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3145	1.257009041	103.808718	8:41-34 AM	Seagrass	<i>Thalassia hemprichii</i>	Sickle Seagrass	Least Concern	Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3146	1.257009041	103.808718	8:41-34 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3147	1.257009041	103.808729	8:41-54 AM	Seagrass	<i>Thalassia hemprichii</i>	Sickle Seagrass	Least Concern	Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3147	1.257009041	103.808729	8:41-54 AM	Seagrass	<i>Halophylla ovalis</i>	Spoon Seagrass	Least Concern	Endangered	Yes	NA	Seen
Seagrass Mapping	27 Jul 2025	NA	PV3147	1.257009041	103.808729	8:41-54 AM	Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes	NA	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Sponge	NA	Unidentified Sponge sp. 1	NA	NA	NA	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Fish	NA	Unidentified Fish	NA	NA	NA	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	S01 Crest	<i>Paraperca xanthozona</i>	Fish	Least Concern	Near Threatened	Yes	NA	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Fish	<i>Amblygobus stethophthalmus</i>	Head-Stripe goby/Headstripe blunthead goby	Least Concern	Least Concern	No	2	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Tunicate	<i>Polysarpa</i> sp.	Thumbs-up sea squirt (solitary)	NA	NA	NA	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Flatworm	<i>Pseudoceros</i> sp.	NA	NA	NA	1	Seen	
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Turbinia mesenterina</i>	Vase Coral	Least Concern	Least Concern	No	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Favites chinensis</i>	NA	Least Concern	Least Concern	No	4	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Diploastrea speciosa</i>	NA	Least Concern	Least Concern	No	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Fish	<i>Ostorhinchus margaritophorus</i>	Chequered cardinalfish/ Red-striped cardinalfish	Not Listed	Least Concern	No	18	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Seagrass	<i>Pectinia spondyliodes</i>	Coral scallop	Least Concern	Least Concern	No	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Cyphastrea seriatia</i>	NA	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Fish	NA	Unidentified Gobidae	NA	NA	NA	6	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Crab	NA	Unidentified Crab	NA	NA	NA	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Platygyria lamellina</i>	NA	Least Concern	Vulnerable	Yes	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Tunicate	NA	Unidentified Ascidiacea	NA	NA	NA	3	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Goniopora lobata</i>	Flowerpot True Red Coral	Least Concern	Least Concern	No	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Diploastrea speciosa</i>	NA	Least Concern	Least Concern	No	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Fish	<i>Acanthopagrus</i> sp.	Reticulated pufferfish	Least Concern	Vulnerable	Yes	4	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Diploastrea heliopora</i>	Double-star Coral	Least Concern	Least Concern	No	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Lobophyllia radians</i>	Grooved Brain Coral	Least Concern	Least Concern	No	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Sponge	<i>Oceanapia sagittaria</i>	Maiden's fan	Least Concern	Least Concern	No	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Caulastrea echinata</i>	NA	Not Listed	Least Concern	No	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Lobophyllia hemprichii</i>	Lobed Brain Coral	Endangered	Near Threatened	Yes	3	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Tunicate	<i>Polysarpa</i> sp.	Thumbs-up sea squirt (solitary)	NA	NA	NA	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Lobophyllia recta</i>	Grooved Brain Coral	Least Concern	Least Concern	No	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Turbinia mesenterina</i>	Vase Coral	Least Concern	Least Concern	No	7	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Goniopora lobata</i>	Flowerpot True Red Coral	Least Concern	Least Concern	No	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Diploastrea heliopora</i>	Double-star Coral	Least Concern	Least Concern	No	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Sponge	<i>Xestopogonia testudinaria</i>	Barrel Sponge	Not Listed	Least Concern	Yes	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Lobophyllia hemprichii</i>	Lobed Brain Coral	Endangered	Least Concern	Yes	3	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Algae	<i>Sargassum</i> sp.	Sargassum	NA	NA	NA	3	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Sponge	<i>Xestopogonia</i> sp.	Unidentified Barrel sponge	NA	Least Concern	NA	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Goniopora</i> sp.	NA	NA	NA	1	Seen	
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Pectinia</i> sp.	NA	NA	NA	1	Seen	
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Platygyria sinensis</i>	NA	Least Concern	NA	1	Seen	
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Festher star	NA	Unidentified Crinoidea	NA	NA	NA	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Platygyria sinensis</i>	NA	Least Concern	Least Concern	No	2	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Pterogorgia sinosa</i>	Pearl Bubble Coral	Least Concern	Vulnerable	Yes	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Favites</i> sp.	NA	NA	NA	1	Seen	
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Algae	<i>Gracilaria</i> sp.	NA	NA	NA	1	Seen	
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Fish	<i>Cheilomen rostratus</i>	Copperband butterflyfish	Least Concern	Least Concern	No	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Fish	<i>Halichoeres bicolor</i>	Brown stripe wrasse/ Peary-spotted wrasse	Least Concern	Least Concern	No	2	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Fish	<i>Pomacentrus tripartitatus</i>	Three-spot damselfish/ three-spot damsel	Least Concern	Least Concern	No	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Fish	<i>Halichoeres bicolor</i>	Brown stripe wrasse/ Peary-spotted wrasse	Least Concern	Least Concern	No	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Fish	<i>Ostorhynchus margaritophorus</i>	Chequered cardinalfish/ Red-striped cardinalfish	Not Listed	Least Concern	No	12	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Fish	<i>Cheilomen rostratus</i>	Copperband butterflyfish	Least Concern	Least Concern	No	3	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Sea urchin	<i>Diadema setosum</i>	Long-spined black sea urchin	Not Listed	Not Evaluated	No	2	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Tunicate	<i>Polysarpa</i> sp.	Thumbs-up sea squirt (solitary)	NA	NA	NA	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Seagrass	<i>Halophylla ovalis</i>	Spoon Seagrass	Least Concern	Least Concern	No	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Crab	<i>Thalambia</i> sp.	Mottled swimming crab	NA	NA	NA	1	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Gastropod	<i>Phyllidella pustulosa</i>	Pustulosed phyllid nudibranch	Not Listed	Not Evaluated	No	2	Seen
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Fish	<i>Ostorhynchus andraderia</i>	NA	Least Concern	Least Concern	No	6	Seen
Subtidal Belt Survey	28/8/2025	NA	S01 Slope	NA	NA	NA	Fish	<i>Eyrinia bellissima</i>	Barred night-goby	Least Concern	Least Concern	No	1	Seen
Subtidal Belt Survey	28/8/2025	NA	S01 Slope	NA	NA	NA	Fish	<i>Acentrogobius sp. 1</i>	NA	NA	NA	1	Seen	
Subtidal Belt Survey	28/8/2025	NA	S01 Slope	NA	NA	NA	Anemone	NA	Unidentified Ceriantharia	NA	NA	NA	1	Seen
Subtidal Belt Survey	28/8/2025	NA	S01 Slope	NA	NA	NA	Brittle star	<i>Ophuroside</i> sp.	NA	NA	NA	1	Seen	
Subtidal Belt Survey	28/8/2025	NA	S01 Slope	NA	NA	NA	Shrimp	<i>Cyrtocentrus cyanocephalus</i>	NA	NA	NA	1	Seen	
Subtidal Belt Survey	28/8/2025	NA	S01 Slope	NA	NA	NA	Fish	NA	Unidentified Gobidae	NA	NA	NA	1	Seen
Subtidal Belt Survey	28/8/2025	NA	S01 Slope	NA	NA	NA	Fish	<i>Cryptocentrus cinctus</i>	Yellow shrimp goby	Least Concern	Vulnerable	Yes	1	Seen
Subtidal Belt Survey	28/8/2025	NA	S01 Slope	NA	NA	NA	Soft Coral	<i>Family Octocorallia</i>	NA	NA	NA	1	Seen	
Subtidal Belt Survey	28/8/2025	NA	S01 Slope	NA	NA	NA	Soft Coral	<i>Family Octocorallia</i>	NA	NA	NA	3	Seen	
Subtidal Belt Survey	28/8/2025	NA	S01 Slope	NA	NA	NA	Sponge	<i>Sabeciospongia</i> sp.	Yellow many-coned sponge	NA	NA	NA	3	Seen
Subtidal Belt Survey	28/8/2025	NA	S01 Slope	NA	NA	NA	Algae	<i>Sargassum</i> sp.	Sargassum	NA	NA	NA	3	Seen
Subtidal Belt Survey	28/8/2025	NA	S01 Slope	NA	NA	NA	Algae	<i>Broppis</i> sp.	NA	NA	Not Evaluated	No	NA	Seen
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Fish	<i>Cheilomen rostratus</i>	Copperband butterflyfish	Least Concern	Least Concern	No	1	Seen
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Fish	<i>Pomacentrus tripartitatus</i>	Three-spot damselfish/ three-spot damsel	Least Concern	Least Concern	No	3	Seen
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Fish	<i>Scotopsis</i> sp.	NA	NA	NA	2	Seen	
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Anemone	<i>Edwardsidae</i> sp.	NA	NA	NA	1	Seen	
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Anemone	<i>Edwardsidae</i> sp.	NA	NA	NA	1	Seen	
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Anemone	<i>Phymanthus pinnulatus</i>	Banded Frilly Anemone/ Frilly Anemone/ Sand Anemone/ Smooth Anemone	Not Listed	Least Concern	No	1	Seen
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Sea urchin	<i>Diadema setosum</i>	Long-spined black sea urchin	Not Listed	Not Evaluated	No	1	Seen
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Fish	<i>Pomacentrus tripartitatus</i>	NA	NA	NA	1	Seen	
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Fish	<i>Pomacentrus tripartitatus</i>	Three-spot damselfish/ three-spot damsel	Least Concern	Least Concern	No	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Polychaete	NA	Unidentified Sabellidae	NA	NA	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Sea star	<i>Himerometra robustipinna</i>	Red feather star	Not Listed	Least Concern	No	2	Seen
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Sponge	NA	Unidentified Sponge sp. 2	NA	NA	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Fish	<i>Scotopsis</i> sp.	NA	NA	NA	1	Seen	
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Gastropod	<i>Phyllidella pustulosa</i>	Pustulosed phyllid nudibranch	Not Listed	Not Evaluated	No	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA								

Appendix D - Intertidal and Subtidal Survey Data

Survey Database

Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Goniopora somaliensis</i>	NA	Least Concern	Data Deficient	No	1	Seen	5	
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Sponge	<i>Xestospingia testudinaria</i>	Barrel Sponge	Not Listed	Least Concern	No	3	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Sponge	<i>Lendenfeldia cf. chondrodes</i>	NA	NA	Least Concern	No	NA	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Lobophytum sp.</i>	NA	NA	Data Deficient	No	3	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Goniopora lobata</i>	Flowerpot True Red Coral	Least Concern	Least Concern	No	2	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Duncanopsammia petolata</i>	Pagoda Coral	Least Concern	Least Concern	No	1	Seen	5	
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Fish	<i>Acanthopagrus sp. 2</i>	NA	NA	Least Concern	No	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Algae	<i>Halymenia sp.</i>	NA	NA	Not Evaluated	No	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Tunicate	<i>Polycarpa sp.</i>	Thumbs-up sea squirt (solitary)	NA	NA	NA	No	4	Seen	
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Pachyseris speciosa</i>	Castle Coral	Least Concern	Least Concern	No	5	Seen	6	
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Fish	<i>Pomacentrus tripartitatus</i>	Three-spot damselfish/ three-spot damsel	Least Concern	Least Concern	No	3	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Soft Coral	<i>Euplexaura sp.</i>	Unidentified Sea fan	NA	NA	NA	3	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Algae	<i>Sargassum sp.</i>	Sargassum	NA	NA	NA	NA	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Algae	<i>Lithothamnion sp.</i>	Coralline algae	NA	NA	NA	NA	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Algae	<i>Lithothamnion sp.</i>	Coralline algae	NA	NA	NA	NA	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Turbinaria sp.</i>	NA	Least Concern	Least Concern	No	2	Seen	5	
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Plectinia patania</i>	NA	Least Concern	Least Concern	No	2	Seen	3	
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Fish	<i>Neogomacentrus bankieri</i>	Chinese demisselle	Least Concern	Least Concern	No	15	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Fish	<i>Scopelogadus sp.</i>	NA	NA	NA	NA	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Fish	<i>Halihoeres sp.</i>	NA	NA	NA	NA	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hermit crab	<i>Infraorder Anomura</i>	Unidentified Hermit crab	NA	NA	NA	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Sponge	<i>Gelidies fibulata</i>	NA	Not Listed	Least Concern	No	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Diplastraea heliopora</i>	Double-star Coral	Least Concern	Least Concern	No	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Sponge	<i>Haliclona sp.</i>	NA	NA	NA	NA	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Algae	<i>Graecilaria sp.</i>	NA	NA	NA	NA	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Plectinia patania</i>	NA	Least Concern	Least Concern	No	2	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Fish	<i>Pomacentrus tripartitatus</i>	Three-spot damselfish/ three-spot damsel	Least Concern	Least Concern	No	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Goniopora lobata</i>	Flowerpot True Red Coral	Least Concern	Least Concern	No	1	Seen	3	
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Mycedium elephantopus</i>	NA	Least Concern	Least Concern	No	1	Seen	4	
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Fish	<i>Apogonoides sp.</i>	NA	Least Concern	Least Concern	No	1	Seen	3	
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Podabacia crustacea</i>	Bracket Mushroom Coral	Least Concern	Least Concern	No	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Fish	<i>Halihoeres sp.</i>	NA	NA	NA	NA	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Lobophyllia recta</i>	Grooved Brain Coral	Least Concern	Least Concern	NA	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Cyathostrea sp.</i>	NA	NA	Least Concern	NA	1	Seen	2	
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hydrozoa	<i>Macrorhynchia sp.</i>	NA	NA	NA	NA	4	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Unidentified Scleractinia</i>	NA	NA	NA	NA	4	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Pachyseris sp.</i>	NA	NA	NA	NA	2	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Fish	<i>Pachyseris sp.</i>	NA	NA	NA	NA	5	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Fish	<i>Dichistodus prosoptenia</i>	Honey-head damsel	Least Concern	Near Threatened	No	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Sponge	<i>Oceonopia sagittaria</i>	Maiden's fan	Not Listed	Least Concern	No	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Unidentified Fungidae</i>	NA	NA	NA	NA	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Unidentified Fungidae</i>	NA	NA	NA	NA	3	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Fish	<i>Itigobius sp.</i>	NA	NA	NA	NA	1	Seen	2	
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Platygyria sinensis</i>	NA	Least Concern	Least Concern	No	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Duncanopsammia petolata</i>	Pagoda Coral	Least Concern	Least Concern	No	1	Seen	4	
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hermit crab	<i>Durvillea lapidaria</i>	Hairy red hermit crab	Not Listed	Not Evaluated	No	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Soft Coral	<i>Ctenocella sp.</i>	Unidentified Sea fan	NA	NA	NA	3	Seen		
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Hard Coral	<i>Turbinaria mesenterina</i>	Vase Coral	Least Concern	Least Concern	No	1	Seen	6	
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Gastropod	<i>Doriprismatica atrorarginata</i>	Cheesecake nudibranch	Not Listed	Not Evaluated	No	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Fish	<i>Pomacentridae sp.</i>	NA	NA	NA	NA	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Fish	<i>Chelmon rostratus</i>	Copperband butterflyfish	Least Concern	Least Concern	No	2	Seen		
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Sea urchin	<i>Diadema setosum</i>	Long-spined black sea urchin	Not Listed	Not Evaluated	No	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Sponge	<i>Gelidies fibulata</i>	NA	Not Listed	Least Concern	No	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Hard Coral	<i>Goniopora lobata</i>	Flowerpot True Red Coral	NA	NA	NA	3	Seen		
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Soft Coral	<i>Junceella sp.</i>	NA	NA	NA	NA	5	Seen		
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Hydrozoa	<i>Macrorhynchia sp.</i>	NA	NA	NA	NA	15	Seen		
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Sponge	<i>Xestospingia testudinaria</i>	Barrel Sponge	Not Listed	Least Concern	No	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Hard Coral	<i>Unidentified Fungidae</i>	NA	NA	NA	NA	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Tunicate	<i>Polycarpa sp.</i>	Thumbs-up sea squirt (solitary)	NA	NA	NA	1	Seen	2	
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Fish	<i>Pomacentrus tripartitatus</i>	Three-spot damselfish/ three-spot damsel	Least Concern	Least Concern	No	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Hard Coral	<i>Unidentified Fungidae</i>	NA	NA	NA	NA	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Hard Coral	<i>Dipastraea sp.</i>	NA	NA	NA	NA	1	Seen	2	
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Fish	<i>Ostorhinchus margaritophorus</i>	Chequered cardinalfish/ Red-striped cardinalfish	Not Listed	Least Concern	No	9	Seen		
Subtidal Belt Survey	28/8/2025	NA	S01 Crest	NA	NA	NA	Fish	<i>Unidentified Fish</i>	Unidentified Fish	NA	NA	NA	1	Seen		
Subtidal Belt Survey	28/8/2025	NA	S01 Crest	NA	NA	NA	Fish	<i>Itigobius goldmani</i>	Black-spotted lagoon-goby/ Goldmani's lagoon-goby	Least Concern	Least Concern	No	1	Seen		
Subtidal Belt Survey	28/8/2025	NA	S01 Crest	NA	NA	NA	Fish	<i>Eyrinia bellissima</i>	Banded halpin-goby	Least Concern	Least Concern	No	1	Seen		
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Tunicate	<i>NA</i>	Unidentified Ascidiacea	NA	NA	NA	2	Seen		
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Hard Coral	<i>Cyathostrea serallia</i>	NA	Least Concern	Least Concern	NA	1	Seen		
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Sponge	<i>Haliclona cf. hawaii</i>	NA	NA	NA	NA	1	Seen		
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Fish	<i>Chelmon rostratus</i>	Copperband butterflyfish	Least Concern	Least Concern	No	1	Seen		
Subtidal Belt Survey	27/8/2025	NA	S01 Crest	NA	NA	NA	Fish	<i>Unidentified Gobiidae</i>	Unidentified Gobiidae	NA	NA	NA	4	Seen		
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Fish	<i>Scopelogadus sp.</i>	NA	NA	NA	NA	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Sea urchin	<i>Diadema setosum</i>	Long-spined black sea urchin	Not Listed	Not Evaluated	No	10	Seen		
Subtidal Belt Survey	29/8/2025	NA	S03 Crest	NA	NA	NA	Gastropod	<i>Phyllidella pustulosa</i>	Pustulosed phyllid nudibranch	Not Listed	Not Evaluated	No	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S03 Slope	NA	NA	NA	Seagrass	<i>Halophila ovalis</i>	Spoon Seagrass	Least Concern	Least Concern	No	1	Seen	Patch	
Subtidal Belt Survey	29/8/2025	NA	S03 Crest	NA	NA	NA	Fish	<i>Chelmon rostratus</i>	Copperband butterflyfish	Least Concern	Least Concern	No	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S03 Crest	NA	NA	NA	Fish	<i>NA</i>	Unidentified Fish	NA	NA	NA	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S03 Crest	NA	NA	NA	Sea urchin	<i>Diadema setosum</i>	Long-spined black sea urchin	Not Listed	Not Evaluated	No	2	Seen		
Subtidal Belt Survey	29/8/2025	NA	S03 Crest	NA	NA	NA	Hard Coral	<i>Lobophytum sp.</i>	NA	NA	DD	NA	1	Seen		
Subtidal Belt Survey	29/8/2025	NA	S01 Crest	NA	NA	NA	Fish	<i>NA</i>	Unidentified Labridae	NA	NA	NA	1	Seen		
Subtidal Belt Survey	28/8/2025	NA	S01 Slope	NA	NA	NA	Fish	<i>Acanthopagrus sp.</i>	False green-shouldered goby	NA	NA	NA	2	Seen		
Subtidal Belt Survey	28/8/2025	NA	S01 Slope	NA	NA	NA	Fish	<i>Itigobius ornatus</i>	Ornate lagoon-goby/ ornate goby	Least Concern	Least Concern	No	5	Seen		
Subtidal Belt Survey	28/8/2025	NA	S01 Slope	NA	NA	NA	Shrimp	<i>Unidentified Alpheidae</i>	Snapping shrimp	NA	NA	NA	1	Seen		
Subtidal Belt Survey	28/8/2025	NA	S01 Slope	NA	NA	NA	Fish	<i>Apogonoides sp.</i>	NA	NA	NA	NA	1	Seen		
Subtidal Belt Survey	28/8/2025	NA	S01 Slope	NA	NA	NA	Gastropod	<i>Murex tropae</i>	Rare-spined murex	Not Listed	Least Concern	No	1	Seen		
Subtidal Belt Survey	28/8/2025	NA	S01 Slope	NA	NA	NA	Hard Coral	<i>Goniopora columna</i>	Anemone Coral	Least Concern	Least Concern	No	1	Seen		
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Fish	<i>Pomacentrus tripartitatus</i>	Three-spot damselfish/ three-spot damsel	Least Concern	Least Concern	No	5	Seen		
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Fish	<i>Halihoeres bicolor</i>	Brown stripe wrasse/ Peary-spotted wrasse	Least Concern	Least Concern	NA	4	Seen		
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Fish	<i>Parapocis sp.</i>	NA	Least Concern	Least Concern	NA	1	Seen		
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Gastropod	<i>Doriprismatica atrorarginata</i>	Cheesecake nudibranch	Not Listed	Not Evaluated	No	5	Seen		
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Fish	<i>Ostorhinchus margaritophorus</i>	Chequered cardinalfish/ Red-striped cardinalfish	Not Listed	Least Concern	No	1	Seen		
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Sea urchin	<i>Diadema setosum</i>	Long-spined black sea urchin	Not Listed	Not Evaluated	No	10	Seen		
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Sea urchin	<i>Diadema setosum</i>	Long-spined black sea urchin	Not Listed	Not Evaluated	No	2	Seen		
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Fish	<i>Pomacentrus tripartitatus</i>	Three-spot damselfish/ three-spot damsel	Least Concern	Least Concern	No	1	Seen		
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Soft Coral	<i>Ctenocella sp.</i>	Unidentified Sea fan	NA	NA	NA	1	Seen		
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Hard Coral	<i>cf. Xestospingia testudinaria</i>	Barrel Sponge	NA	NA	NA	NA	1	Seen	
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA											

Appendix D - Intertidal and Subtidal Survey Data

Survey Database

Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Hard Coral	<i>Cyphostrea serialia</i>	NA	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Hard Coral	<i>Favites chinensis</i>	NA	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Hard Coral	<i>Pomacentrus tripartitus</i>	Three-spot damselfish	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	28/8/2025	NA	S02 Crest	NA	NA	NA	Hard Coral	<i>Mycedium elephantopus</i>	NA	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Soft Coral	<i>Family Octocorallia</i>	NA	NA	NA	1	Seen	
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Turbinaria mesenterina</i>	Vase Coral	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Turbinaria mesenterina</i>	Vase Coral	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Platygyra lamellina</i>	Lesser Valley Coral	Least Concern	Vulnerable	Yes	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Diploastrea speciosa</i>	NA	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Diploastrea speciosa</i>	NA	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Favites chinensis</i>	NA	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Cyphostrea sp.</i>	NA	NA	Least Concern	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Diploastrea lizardensis</i>	NA	Endangered	Least Concern	Yes	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Fish	<i>Paraperis xanthoazona</i>	Yellow-barred sandperch	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Gastropod	<i>Phidippa pustulosa</i>	Pustuloed phylid nudibranch	Not Listed	Not Evaluated	No	2	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Crab	<i>Thalmita spinimana</i>	Spiny claw swimming crab/ Red swimming crab	Not Listed	Not Evaluated	No	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Lobophyllia sp.</i>	NA	NA	NA	1	Seen	
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Turbinaria mesenterina</i>	Vase Coral	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Fish	<i>Pomacentrus tripartitus</i>	Three-spot damselfish/ three-spot damsel	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Pachyseris speciosa</i>	Castle Coral	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Mycedium elephantopus</i>	NA	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Naumacora sp.</i>	NA	NA	NA	1	Seen	
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Fish	<i>Cephalophis argus</i>	Peacock hind	Least Concern	Vulnerable	Yes	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Goniopora lobata</i>	Flowerpot True Red Coral	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Plectinia paenina</i>	NA	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Mycedium elephantopus</i>	NA	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Diploastrea heliopera</i>	Double-star Coral	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Cyphostrea serialia</i>	NA	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S02 Slope	NA	NA	NA	Soft Coral	<i>Klyxum sp.</i>	NA	NA	NA	1	Seen	
Subtidal Belt Survey	30/10/2025	NA	S02 Slope	NA	NA	NA	Fish	<i>Scomberoides Colensoianus</i>	Fish	Least Concern	NA	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S03 Crest	NA	NA	NA	Fish	<i>Paraperis xanthoazona</i>	Yellow-barred sandperch	Least Concern	Near Threatened	No	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S03 Crest	NA	NA	NA	Gastropod	<i>Mauritia arabica</i>	Arabian cowrie	Not Listed	Least Concern	No	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S03 Crest	NA	NA	NA	Sea urchin	<i>Diadema irroratum</i>	Long-spined black sea urchin	Not Listed	Not Evaluated	No	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S03 Crest	NA	NA	NA	Fish	<i>Taeniura lymnaea</i>	Blue-spotted fantail ray	Least Concern	Vulnerable	Yes	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S03 Crest	NA	NA	NA	Crab	<i>Thalmita sp.</i>	Mottled swimming crab	NA	NA	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S03 Crest	NA	NA	NA	Anemone	<i>Phymanthus sp.</i>	NA	NA	NA	1	Seen	
Subtidal Belt Survey	29/8/2025	NA	S03 Crest	NA	NA	NA	Fish	<i>Cephalophis formosa</i>	Blue-lined hind	Least Concern	Vulnerable	Yes	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S03 Crest	NA	NA	NA	Fish	<i>Cephalophis boerak</i>	Chocolate hind/ indian grouper	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S03 Crest	NA	NA	NA	Fish	<i>Pomacentrus tripartitus</i>	Three-spot damselfish/ three-spot damsel	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S03 Crest	NA	NA	NA	Fish	<i>Lethrinus harak</i>	NA	Least Concern	NA	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S03 Crest	NA	NA	NA	Fish	NA	Unidentified Fish	NA	NA	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S03 Crest	NA	NA	NA	Fish	<i>Halichoeres sp.</i>	NA	NA	NA	1	Seen	
Subtidal Belt Survey	29/8/2025	NA	S03 Crest	NA	NA	NA	Fish	<i>Chelmon rostratus</i>	Copperband butterflyfish	Least Concern	Least Concern	NA	1	Seen
Subtidal Belt Survey	29/8/2025	NA	S03 Crest	NA	NA	NA	Fish	<i>Neopomacentrus bankieri</i>	Chinese demoiselle	Least Concern	Least Concern	NA	2	Seen
Subtidal Belt Survey	29/8/2025	NA	S03 Crest	NA	NA	NA	Fish	<i>Unguis trigula</i>	Freckled goatfish	Least Concern	Near Threatened	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Fungia sp.</i>	NA	NA	NA	1	Seen	
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Algae	NA	Unidentified Algae sp.	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Favites chinensis</i>	NA	NA	Least Concern	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Favites colemani</i>	NA	NA	Data Deficient	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Sponge	<i>Haliclona cf. boeri</i>	NA	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Sponge	NA	Accol flatworm	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Algae	<i>Lithothamnion sp.</i>	Coralline algae	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Sponge	NA	Accol flatworm	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Hydnophora microcosmas</i>	NA	NA	Data Deficient	No	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Favites magnistellata</i>	NA	NA	Near threatened	No	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Sponge	<i>Haliclona cf. boeri</i>	NA	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Sponge	<i>Xetopogon testudinaria</i>	Barrel Sponge	Least Concern	Least Concern	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Algae	<i>Lithothamnion sp.</i>	Coralline algae	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Sponge	<i>Neopetrosia sp.</i>	Blue jorunna sponge	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Sponge	<i>Haliclona cf. boeri</i>	NA	NA	NA	1	Seen	
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Algae	<i>Lithothamnion sp.</i>	Coralline algae	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Lithothamnion sp.</i>	Coralline algae	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Favites chinensis</i>	NA	NA	Least Concern	No	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Mycedium elephantopus</i>	NA	NA	Least Concern	No	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Algae	<i>Lithothamnion sp.</i>	Coralline algae	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Lepidastrea transversa</i>	NA	NA	NA	1	Seen	
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Sponge	<i>Haliclona cf. boeri</i>	NA	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Algae	<i>Lithothamnion sp.</i>	Coralline algae	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Sponge	<i>Chondrilla australiensis</i>	Thumbs-up sea squirt (solitary)	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Sponge	<i>cf. Chondrilla australiensis</i>	NA	NA	NA	1	Seen	
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Favites pentagona</i>	NA	NA	Least Concern	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Plectinia paenina</i>	NA	NA	Least Concern	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Soft Coral	<i>Klyxum sp.</i>	NA	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Soft Coral	<i>Klyxum sp.</i>	NA	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Soft Coral	<i>Klyxum sp.</i>	NA	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Mycedium elephantopus</i>	NA	NA	Least Concern	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Soft Coral	<i>Echinogorgia sp.</i>	NA	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	NA	NA	Accol flatworm	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Algae	<i>Bryopsis sp.</i>	Bryopsis	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Algae	<i>Lithothamnion sp.</i>	Coralline algae	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Sponge	<i>cf. Clathria reinwardti</i>	NA	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Soft Coral	<i>Etenocella pectinata</i>	NA	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Soft Coral	<i>Dichotelia cf. geminatae</i>	NA	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Plectinia paenina</i>	NA	NA	Least Concern	1	Seen	
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Cyphostrea sp.</i>	NA	NA	NA	1	Seen	
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Flatworm	NA	Accol flatworm	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Soft Coral	NA	Accol flatworm	NA	NA	NA	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Mycedium elephantopus</i>	NA	NA	Least Concern	No	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Hard Coral	<i>Mycedium elephantopus</i>	NA	NA	Least Concern	No	1	Seen
Subtidal LIT	29 Aug 2025	NA	S02 Slope	NA	NA	NA	Sponge	<i>cf. Chondrilla australiensis</i>	NA					

Subtidal LIT	29 Aug 2025	NA	S03 Crest	NA	NA	NA	Algae	<i>Bryopsis</i> sp.	<i>Bryopsis</i>	NA	NA	NA	NA	Seen
Subtidal LIT	29 Aug 2025	NA	S03 Crest	NA	NA	NA	Algae	<i>Bryopsis</i> sp.	<i>Bryopsis</i>	NA	NA	NA	NA	Seen
Subtidal LIT	29 Aug 2025	NA	S03 Crest	NA	NA	NA	Algae	<i>Bryopsis</i> sp.	<i>Bryopsis</i>	NA	NA	NA	NA	Seen
Subtidal LIT	29 Aug 2025	NA	S03 Crest	NA	NA	NA	Algae	<i>Lithothamnion</i> sp.	Coralline algae	NA	NA	NA	NA	Seen
Subtidal LIT	29 Aug 2025	NA	S03 Crest	NA	NA	NA	Algae	<i>Lithothamnion</i> sp.	Coralline algae	NA	NA	NA	NA	Seen

Date	Point	Quadrat (m)	Substrate type	Percentage cover	Total Percentage	Major abiotic substrate type	Algae species	Remarks
27-Jul-25	I01	0	Hard Coral	0	100	Rubble		
27-Jul-25	I01	0	Soft Coral	0				
27-Jul-25	I01	0	Sponge	0				
27-Jul-25	I01	0	Algae	2				
27-Jul-25	I01	0	Seagrass	0				
27-Jul-25	I01	0	Abiotic	98				
27-Jul-25	I01	0	Other Sessile Fauna	0				
12-Aug-25	I01	0	Hard Coral	0	100	Sandy	Bryopsis sp.	Jellylike algae
12-Aug-25	I01	0	Soft Coral	0			Enteromorpha sp.	
12-Aug-25	I01	0	Sponge	0				
12-Aug-25	I01	0	Algae	10				
12-Aug-25	I01	0	Seagrass	0				
12-Aug-25	I01	0	Abiotic	90				
12-Aug-25	I01	0	Other Sessile Fauna	0				
27-Jul-25	I01	5	Hard Coral	0	100	Silt		
27-Jul-25	I01	5	Soft Coral	0				
27-Jul-25	I01	5	Sponge	0				
27-Jul-25	I01	5	Algae	5				
27-Jul-25	I01	5	Seagrass	0				
27-Jul-25	I01	5	Abiotic	95				
27-Jul-25	I01	5	Other Sessile Fauna	0				
12-Aug-25	I01	5	Hard Coral	0	100	Sandy		
12-Aug-25	I01	5	Soft Coral	0				
12-Aug-25	I01	5	Sponge	0				
12-Aug-25	I01	5	Algae	0				
12-Aug-25	I01	5	Seagrass	0				
12-Aug-25	I01	5	Abiotic	100				
12-Aug-25	I01	5	Other Sessile Fauna	0				
27-Jul-25	I01	10	Hard Coral	0	100	Silt	Bryopsis sp.	
27-Jul-25	I01	10	Soft Coral	0			Sargassum sp.	
27-Jul-25	I01	10	Sponge	0				
27-Jul-25	I01	10	Algae	65				
27-Jul-25	I01	10	Seagrass	0				
27-Jul-25	I01	10	Abiotic	35				
27-Jul-25	I01	10	Other Sessile Fauna	0				
12-Aug-25	I01	10	Hard Coral	0	100	Sandy	Bryopsis sp.	
12-Aug-25	I01	10	Soft Coral	0				
12-Aug-25	I01	10	Sponge	0				
12-Aug-25	I01	10	Algae	1				
12-Aug-25	I01	10	Seagrass	0				
12-Aug-25	I01	10	Abiotic	99				
12-Aug-25	I01	10	Other Sessile Fauna	0				
27-Jul-25	I01	15	Hard Coral	0	100	Silt	Bryopsis sp.	
27-Jul-25	I01	15	Soft Coral	0			Sargassum sp.	
27-Jul-25	I01	15	Sponge	0				
27-Jul-25	I01	15	Algae	25				
27-Jul-25	I01	15	Seagrass	25				
27-Jul-25	I01	15	Abiotic	50				
27-Jul-25	I01	15	Other Sessile Fauna	0				
12-Aug-25	I01	15	Hard Coral	0	100	Sandy	Sargassum sp.	
12-Aug-25	I01	15	Soft Coral	0				
12-Aug-25	I01	15	Sponge	0				
12-Aug-25	I01	15	Algae	85				
12-Aug-25	I01	15	Seagrass	0				
12-Aug-25	I01	15	Abiotic	15				
12-Aug-25	I01	15	Other Sessile Fauna	0				
27-Jul-25	I01	20	Hard Coral	0	100	Silt	Bryopsis sp.	
27-Jul-25	I01	20	Soft Coral	0				
27-Jul-25	I01	20	Sponge	0				
27-Jul-25	I01	20	Algae	20				
27-Jul-25	I01	20	Seagrass	30				
27-Jul-25	I01	20	Abiotic	49				
27-Jul-25	I01	20	Other Sessile Fauna	1				
12-Aug-25	I01	20	Hard Coral	0	100	Sandy	Bryopsis sp.	
12-Aug-25	I01	20	Soft Coral	0				
12-Aug-25	I01	20	Sponge	0				
12-Aug-25	I01	20	Algae	1				
12-Aug-25	I01	20	Seagrass	25				
12-Aug-25	I01	20	Abiotic	74				
12-Aug-25	I01	20	Other Sessile Fauna	0				
27-Jul-25	I01	25	Hard Coral	0	100	Rubble	Sargassum sp.	
27-Jul-25	I01	25	Soft Coral	0			Bryopsis sp.	
27-Jul-25	I01	25	Sponge	0				
27-Jul-25	I01	25	Algae	30				
27-Jul-25	I01	25	Seagrass	0				
27-Jul-25	I01	25	Abiotic	70				
27-Jul-25	I01	25	Other Sessile Fauna	0				
12-Aug-25	I01	25	NA	NA	NA	Rubble	Bryopsis sp.	Submerged, no photo
27-Jul-25	I01	30	NA	NA	NA	NA	NA	Submerged, cannot see
12-Aug-25	I01	30	NA	NA	NA	NA	NA	Submerged, no photo
27-Jul-25	I01	35	NA	NA	NA	NA	NA	Submerged, no photo
12-Aug-25	I01	35	NA	NA	NA	NA	NA	Submerged, no photo
27-Jul-25	I01	40	NA	NA	NA	NA	NA	Submerged, no photo
12-Aug-25	I01	40	NA	NA	NA	NA	NA	Submerged, no photo
27-Jul-25	I01	45	NA	NA	NA	NA	NA	Submerged, no photo
12-Aug-25	I01	45	NA	NA	NA	NA	NA	Submerged, no photo
27-Jul-25	I01	50	NA	NA	NA	NA	NA	Submerged, no photo
12-Aug-25	I01	50	NA	NA	NA	NA	NA	Submerged, no photo
27-Jul-25	I02	0	Hard Coral	0	100	Boulder	Brown Moss	Brown algae cover the whole boulder
27-Jul-25	I02	0	Soft Coral	0				
27-Jul-25	I02	0	Sponge	0				
27-Jul-25	I02	0	Algae	10				
27-Jul-25	I02	0	Seagrass	0				
27-Jul-25	I02	0	Abiotic	88				
27-Jul-25	I02	0	Other Sessile Fauna	2				
12-Aug-25	I02	0	Hard Coral	0	100	Rubble	Bryopsis sp.	
12-Aug-25	I02	0	Soft Coral	0			Gracilaria gracilis	
12-Aug-25	I02	0	Sponge	0				
12-Aug-25	I02	0	Algae	45				
12-Aug-25	I02	0	Seagrass	0				
12-Aug-25	I02	0	Abiotic	50				

12-Aug-25	I02	0	Other Sessile Fauna	5				
27-Jul-25	I02	5	Hard Coral	0	100	Boulder	Brown Moss	Brown algae cover the whole boulder
27-Jul-25	I02	5	Soft Coral	0				
27-Jul-25	I02	5	Sponge	0				
27-Jul-25	I02	5	Algae	10				
27-Jul-25	I02	5	Seagrass	0				
27-Jul-25	I02	5	Abiotic	90				
27-Jul-25	I02	5	Other Sessile Fauna	0				
12-Aug-25	I02	5	Hard Coral	0	100	Rubble		
12-Aug-25	I02	5	Soft Coral	0				
12-Aug-25	I02	5	Sponge	0				
12-Aug-25	I02	5	Algae	5				
12-Aug-25	I02	5	Seagrass	0				
12-Aug-25	I02	5	Abiotic	95				
12-Aug-25	I02	5	Other Sessile Fauna	0				
27-Jul-25	I02	10	Hard Coral	0	100	Boulder	Brown Moss	Brown algae cover the whole boulder
27-Jul-25	I02	10	Soft Coral	0			Sargassum sp.	
27-Jul-25	I02	10	Sponge	0			Gracilaria sp.	
27-Jul-25	I02	10	Algae	10			Padina sp.	
27-Jul-25	I02	10	Seagrass	0				
27-Jul-25	I02	10	Abiotic	90				
27-Jul-25	I02	10	Other Sessile Fauna	0				
12-Aug-25	I02	10	Hard Coral	0	100		Gracilaria gracilis	
12-Aug-25	I02	10	Soft Coral	0				
12-Aug-25	I02	10	Sponge	1				
12-Aug-25	I02	10	Algae	50				
12-Aug-25	I02	10	Seagrass	0				
12-Aug-25	I02	10	Abiotic	48				
12-Aug-25	I02	10	Other Sessile Fauna	1				
27-Jul-25	I02	15	Hard Coral	0	100	Boulder	Green Moss	Green algae cover the whole boulder
27-Jul-25	I02	15	Soft Coral	0			Sargassum sp.	
27-Jul-25	I02	15	Sponge	0			Gracilaria sp.	
27-Jul-25	I02	15	Algae	10			Coralline algae	
27-Jul-25	I02	15	Seagrass	0				
27-Jul-25	I02	15	Abiotic	90				
27-Jul-25	I02	15	Other Sessile Fauna	0				
12-Aug-25	I02	15	Hard Coral	0	100	Sandy	Bryopsis sp.	
12-Aug-25	I02	15	Soft Coral	0			Caulerpa racemosa	
12-Aug-25	I02	15	Sponge	0				
12-Aug-25	I02	15	Algae	60				
12-Aug-25	I02	15	Seagrass	0				
12-Aug-25	I02	15	Abiotic	40				
12-Aug-25	I02	15	Other Sessile Fauna	0				
27-Jul-25	I02	20	Hard Coral	0	100	Boulder	Green Moss	Green algae cover the whole boulder
27-Jul-25	I02	20	Soft Coral	0			Sargassum sp.	
27-Jul-25	I02	20	Sponge	0			Chaetomorpha sp.	
27-Jul-25	I02	20	Algae	30			Bryopsis sp.	
27-Jul-25	I02	20	Seagrass	0			Brown algae	Brown algae cover the whole boulder
27-Jul-25	I02	20	Abiotic	70				
27-Jul-25	I02	20	Other Sessile Fauna	0				
12-Aug-25	I02	20	Hard Coral	0	100	Rubble	Bryopsis sp.	
12-Aug-25	I02	20	Soft Coral	0			Gracilaria gracilis	
12-Aug-25	I02	20	Sponge	1			Sargassum sp.	
12-Aug-25	I02	20	Algae	80			Caulerpa racemosa	
12-Aug-25	I02	20	Seagrass	0				
12-Aug-25	I02	20	Abiotic	18				
12-Aug-25	I02	20	Other Sessile Fauna	1				
27-Jul-25	I02	25	Hard Coral	0	100	Rubble	Bryopsis sp.	
27-Jul-25	I02	25	Soft Coral	0			Caulerpa microphysa	
27-Jul-25	I02	25	Sponge	0			Chaetomorpha sp.	
27-Jul-25	I02	25	Algae	40			Cripsta sp.	
27-Jul-25	I02	25	Seagrass	0				
27-Jul-25	I02	25	Abiotic	60				
27-Jul-25	I02	25	Other Sessile Fauna	0				
12-Aug-25	I02	25	Hard Coral	0	100	Rubble	Bryopsis sp.	
12-Aug-25	I02	25	Soft Coral	0			Gracilaria sp.	
12-Aug-25	I02	25	Sponge	0				
12-Aug-25	I02	25	Algae	15				
12-Aug-25	I02	25	Seagrass	0				
12-Aug-25	I02	25	Abiotic	85				
12-Aug-25	I02	25	Other Sessile Fauna	0				
27-Jul-25	I02	30	Hard Coral	0	100	Rubble	Bryopsis sp.	
27-Jul-25	I02	30	Soft Coral	0			Caulerpa microphysa	
27-Jul-25	I02	30	Sponge	0			Chaetomorpha sp.	
27-Jul-25	I02	30	Algae	20			Sargassum sp.	
27-Jul-25	I02	30	Seagrass	0			Neomeris sp.	
27-Jul-25	I02	30	Abiotic	80			Coralline algae	
27-Jul-25	I02	30	Other Sessile Fauna	0			Cripsta normal	
27-Jul-25	I02	30	NA	NA	NA	NA	NA	Submerged, no photo
12-Aug-25	I02	30	NA	NA	NA	NA	NA	Submerged, no photo
27-Jul-25	I02	35	Hard Coral	0	100	Sandy	Bryopsis sp.	
27-Jul-25	I02	35	Soft Coral	0			Caulerpa microphysa	
27-Jul-25	I02	35	Sponge	0			Chaetomorpha sp.	
27-Jul-25	I02	35	Algae	25			Neomeris sp.	
27-Jul-25	I02	35	Seagrass	0			Caulerpa racemosa	
27-Jul-25	I02	35	Abiotic	75			Udotaceae Family	
27-Jul-25	I02	35	Other Sessile Fauna	0				
12-Aug-25	I02	35	NA	NA	NA	NA	NA	Submerged, no photo
27-Jul-25	I02	40	Hard Coral	0	100	Rubble	Bryopsis sp.	
27-Jul-25	I02	40	Soft Coral	0			Caulerpa microphysa	
27-Jul-25	I02	40	Sponge	90			Chaetomorpha sp.	
27-Jul-25	I02	40	Algae	0			Sargassum sp.	
27-Jul-25	I02	40	Seagrass	0			Jania sp.	
27-Jul-25	I02	40	Abiotic	10			Cripsta sp.	
27-Jul-25	I02	40	Other Sessile Fauna	0			Udotaceae Family	
12-Aug-25	I02	40	NA	NA	NA	NA	NA	Submerged, no photo
27-Jul-25	I02	45	Hard Coral	0	100	Rubble	Bryopsis sp.	
27-Jul-25	I02	45	Soft Coral	0			Padina sp.	
27-Jul-25	I02	45	Sponge	0			Sargassum sp.	
27-Jul-25	I02	45	Algae	25			Cripsta sp.	
27-Jul-25	I02	45	Seagrass	0				
27-Jul-25	I02	45	Abiotic	75				

27-Jul-25	I02	45	Other Sessile Fauna	0				
12-Aug-25	I02	45	NA	NA	NA	NA	NA	Submerged, no photo
27-Jul-25	I02	50				NA	NA	Submerged, no photo
12-Aug-25	I02	50	NA	NA	NA	NA	NA	Submerged, no photo
26-Jul-25	I03	0	Hard Coral	0	100	Rubble	Bryopsis sp.	
26-Jul-25	I03	0	Soft Coral	0				
26-Jul-25	I03	0	Sponge	0				
26-Jul-25	I03	0	Algae	90				
26-Jul-25	I03	0	Seagrass	0				
26-Jul-25	I03	0	Abiotic	10				
26-Jul-25	I03	0	Other Sessile Fauna	0				
12-Aug-25	I03	0	Hard Coral	0	100	Rubble	Neomeris sp.	
12-Aug-25	I03	0	Soft Coral	0				
12-Aug-25	I03	0	Sponge	0				
12-Aug-25	I03	0	Algae	15				
12-Aug-25	I03	0	Seagrass	0				
12-Aug-25	I03	0	Abiotic	85				
12-Aug-25	I03	0	Other Sessile Fauna	0				
26-Jul-25	I03	5	Hard Coral	0	100	Sandy		
26-Jul-25	I03	5	Soft Coral	0				
26-Jul-25	I03	5	Sponge	2				
26-Jul-25	I03	5	Algae	20				
26-Jul-25	I03	5	Seagrass	70				
26-Jul-25	I03	5	Abiotic	8				
26-Jul-25	I03	5	Other Sessile Fauna	0				
12-Aug-25	I03	5	Hard Coral	0	100	Rubble	Neomeris sp.	
12-Aug-25	I03	5	Soft Coral	0			Sargassum sp.	
12-Aug-25	I03	5	Sponge	15				
12-Aug-25	I03	5	Algae	60				
12-Aug-25	I03	5	Seagrass	0				
12-Aug-25	I03	5	Abiotic	25				
12-Aug-25	I03	5	Other Sessile Fauna	0				
26-Jul-25	I03	10	Hard Coral	0	100	Sandy		
26-Jul-25	I03	10	Soft Coral	0				
26-Jul-25	I03	10	Sponge	0			Bryopsis sp.	
26-Jul-25	I03	10	Algae	10				
26-Jul-25	I03	10	Seagrass	50				
26-Jul-25	I03	10	Abiotic	40				
26-Jul-25	I03	10	Other Sessile Fauna	0				
12-Aug-25	I03	10	Hard Coral	0	100	Sandy		
12-Aug-25	I03	10	Soft Coral	0				
12-Aug-25	I03	10	Sponge	0				
12-Aug-25	I03	10	Algae	15				
12-Aug-25	I03	10	Seagrass	50				
12-Aug-25	I03	10	Abiotic	35				
12-Aug-25	I03	10	Other Sessile Fauna	0				
26-Jul-25	I03	15	Hard Coral	0	100			
26-Jul-25	I03	15	Soft Coral	0				
26-Jul-25	I03	15	Sponge	0				
26-Jul-25	I03	15	Algae	30				
26-Jul-25	I03	15	Seagrass	50				
26-Jul-25	I03	15	Abiotic	20				
26-Jul-25	I03	15	Other Sessile Fauna	0				
12-Aug-25	I03	15	Hard Coral	0	100	Sandy		
12-Aug-25	I03	15	Soft Coral	0			Caulerpa racemosa	
12-Aug-25	I03	15	Sponge	0				
12-Aug-25	I03	15	Algae	20				
12-Aug-25	I03	15	Seagrass	30				
12-Aug-25	I03	15	Abiotic	49				
12-Aug-25	I03	15	Other Sessile Fauna	1				
26-Jul-25	I03	20	Hard Coral	0	100	Sandy	Bryopsis sp.	
26-Jul-25	I03	20	Soft Coral	0				
26-Jul-25	I03	20	Sponge	5				
26-Jul-25	I03	20	Algae	80				
26-Jul-25	I03	20	Seagrass	5				
26-Jul-25	I03	20	Abiotic	10				
26-Jul-25	I03	20	Other Sessile Fauna	0				
12-Aug-25	I03	20	Hard Coral	0	100	Sandy		
12-Aug-25	I03	20	Soft Coral	0				
12-Aug-25	I03	20	Sponge	0				
12-Aug-25	I03	20	Algae	95				
12-Aug-25	I03	20	Seagrass	0				
12-Aug-25	I03	20	Abiotic	5				
12-Aug-25	I03	20	Other Sessile Fauna	0				
26-Jul-25	I03	25	Hard Coral	0	100			
26-Jul-25	I03	25	Soft Coral	0				
26-Jul-25	I03	25	Sponge	0				
26-Jul-25	I03	25	Algae	80				
26-Jul-25	I03	25	Seagrass	0				
26-Jul-25	I03	25	Abiotic	20				
26-Jul-25	I03	25	Other Sessile Fauna	0				
12-Aug-25	I03	25	Hard Coral	2	100	Rubble	Caulerpa racemosa	
12-Aug-25	I03	25	Soft Coral	0				
12-Aug-25	I03	25	Sponge	8				
12-Aug-25	I03	25	Algae	50				
12-Aug-25	I03	25	Seagrass	0				
12-Aug-25	I03	25	Abiotic	40				
12-Aug-25	I03	25	Other Sessile Fauna	0				
26-Jul-25	I03	30	Hard Coral	0	100	Rubble	Bryopsis sp.	
26-Jul-25	I03	30	Soft Coral	0				
26-Jul-25	I03	30	Sponge	9				
26-Jul-25	I03	30	Algae	50				
26-Jul-25	I03	30	Seagrass	0				
26-Jul-25	I03	30	Abiotic	40				
26-Jul-25	I03	30	Other Sessile Fauna	1				
12-Aug-25	I03	30	Hard Coral	0	100	Rubble	Sargassum sp.	
12-Aug-25	I03	30	Soft Coral	0			Caulerpa racemosa	
12-Aug-25	I03	30	Sponge	10			Padina sp.	
12-Aug-25	I03	30	Algae	30				
12-Aug-25	I03	30	Seagrass	0				
12-Aug-25	I03	30	Abiotic	60				
12-Aug-25	I03	30	Other Sessile Fauna	0				

26-Jul-25	I03	35	Hard Coral	0	100	Rubble		
26-Jul-25	I03	35	Soft Coral	0				
26-Jul-25	I03	35	Sponge	0				
26-Jul-25	I03	35	Algae	10				
26-Jul-25	I03	35	Seagrass	0				
26-Jul-25	I03	35	Abiotic	90				
26-Jul-25	I03	35	Other Sessile Fauna	0				
12-Aug-25	I03	35	Hard Coral	0	100	Sandy	Sargassum sp.	
12-Aug-25	I03	35	Soft Coral	0				
12-Aug-25	I03	35	Sponge	0				
12-Aug-25	I03	35	Algae	15				
12-Aug-25	I03	35	Seagrass	0				
12-Aug-25	I03	35	Abiotic	85				
12-Aug-25	I03	35	Other Sessile Fauna	0				
26-Jul-25	I03	40	NA	NA	NA	NA	NA	Submerged, no photo
12-Aug-25	I03	40	NA	NA	NA	NA	NA	Submerged, no photo
26-Jul-25	I03	45	NA	NA	NA	NA	NA	Submerged, no photo
12-Aug-25	I03	45	NA	NA	NA	NA	NA	Submerged, no photo
26-Jul-25	I03	50	NA	NA	NA	NA	NA	Submerged, no photo
12-Aug-25	I03	50	NA	NA	NA	NA	NA	Submerged, no photo
11-Aug-25	I04	0	Hard Coral	0	100	Rubble	Bryopsis sp.	
11-Aug-25	I04	0	Soft Coral	0			Gracilaria sp.	
11-Aug-25	I04	0	Sponge	0				
11-Aug-25	I04	0	Algae	20				
11-Aug-25	I04	0	Seagrass	0				
11-Aug-25	I04	0	Abiotic	80				
11-Aug-25	I04	0	Other Sessile Fauna	0				
26-Jul-25	I04	5	Hard Coral	0	100	Sandy		
26-Jul-25	I04	5	Soft Coral	0				
26-Jul-25	I04	5	Sponge	0				
26-Jul-25	I04	5	Algae	65				
26-Jul-25	I04	5	Seagrass	5				
26-Jul-25	I04	5	Abiotic	30				
26-Jul-25	I04	5	Other Sessile Fauna	0				
11-Aug-25	I04	5	Hard Coral	0	100	Rubble	Bryopsis sp.	
11-Aug-25	I04	5	Soft Coral	0			Gracilaria sp.	
11-Aug-25	I04	5	Sponge	0				
11-Aug-25	I04	5	Algae	69				
11-Aug-25	I04	5	Seagrass	1				
11-Aug-25	I04	5	Abiotic	30				
11-Aug-25	I04	5	Other Sessile Fauna	0				
26-Jul-25	I04	10	Hard Coral	0	100	Sandy		
26-Jul-25	I04	10	Soft Coral	0				
26-Jul-25	I04	10	Sponge	0				
26-Jul-25	I04	10	Algae	20				
26-Jul-25	I04	10	Seagrass	0				
26-Jul-25	I04	10	Abiotic	80				
26-Jul-25	I04	10	Other Sessile Fauna	0				
11-Aug-25	I04	10	Hard Coral	0	100	Sandy	Bryopsis sp.	
11-Aug-25	I04	10	Soft Coral	0			Neomeris sp.	
11-Aug-25	I04	10	Sponge	0			Avrainvillea sp.	
11-Aug-25	I04	10	Algae	50			Padina sp.	
11-Aug-25	I04	10	Seagrass	0				
11-Aug-25	I04	10	Abiotic	50				
11-Aug-25	I04	10	Other Sessile Fauna	0				
26-Jul-25	I04	15	Hard Coral	0	100	Sandy		
26-Jul-25	I04	15	Soft Coral	0				
26-Jul-25	I04	15	Sponge	0				
26-Jul-25	I04	15	Algae	50				
26-Jul-25	I04	15	Seagrass	15				
26-Jul-25	I04	15	Abiotic	35				
26-Jul-25	I04	15	Other Sessile Fauna	0				
11-Aug-25	I04	15	Hard Coral	0	100	Sandy	Bryopsis sp.	
11-Aug-25	I04	15	Soft Coral	0			Gracilaria sp.	
11-Aug-25	I04	15	Sponge	1				
11-Aug-25	I04	15	Algae	25				
11-Aug-25	I04	15	Seagrass	0				
11-Aug-25	I04	15	Abiotic	74				
11-Aug-25	I04	15	Other Sessile Fauna	0				
26-Jul-25	I04	20	Hard Coral	0	100	Sandy	Bryopsis sp.	
26-Jul-25	I04	20	Soft Coral	0				
26-Jul-25	I04	20	Sponge	5				
26-Jul-25	I04	20	Algae	70				
26-Jul-25	I04	20	Seagrass	10				
26-Jul-25	I04	20	Abiotic	15				
26-Jul-25	I04	20	Other Sessile Fauna	0				
11-Aug-25	I04	20	Hard Coral	0	100	Sandy	Bryopsis sp.	
11-Aug-25	I04	20	Soft Coral	0				
11-Aug-25	I04	20	Sponge	0				
11-Aug-25	I04	20	Algae	90				
11-Aug-25	I04	20	Seagrass	0				
11-Aug-25	I04	20	Abiotic	10				
11-Aug-25	I04	20	Other Sessile Fauna	0				
26-Jul-25	I04	25	Hard Coral	0	100	Sandy		
26-Jul-25	I04	25	Soft Coral	0				
26-Jul-25	I04	25	Sponge	1				
26-Jul-25	I04	25	Algae	75				
26-Jul-25	I04	25	Seagrass	4				
26-Jul-25	I04	25	Abiotic	20				
26-Jul-25	I04	25	Other Sessile Fauna	0				
11-Aug-25	I04	25	Hard Coral	0	100	Sandy	Bryopsis sp.	
11-Aug-25	I04	25	Soft Coral	0				
11-Aug-25	I04	25	Sponge	0				
11-Aug-25	I04	25	Algae	20				
11-Aug-25	I04	25	Seagrass	0				
11-Aug-25	I04	25	Abiotic	80				
11-Aug-25	I04	25	Other Sessile Fauna	0				
26-Jul-25	I04	30	Hard Coral	5	100	Sandy	Caulerpa racemosa	Abt 5%
26-Jul-25	I04	30	Soft Coral	0			Bryopsis sp.	
26-Jul-25	I04	30	Sponge	0				
26-Jul-25	I04	30	Algae	70				
26-Jul-25	I04	30	Seagrass	5				

26-Jul-25	I04	30	Abiotic	20					
26-Jul-25	I04	30	Other Sessile Fauna	0					
11-Aug-25	I04	30	Hard Coral	0	100	Rubble	Bryopsis sp.		
11-Aug-25	I04	30	Soft Coral	0			Neomeris sp.		
11-Aug-25	I04	30	Sponge	0					
11-Aug-25	I04	30	Algae	30					
11-Aug-25	I04	30	Seagrass	0					
11-Aug-25	I04	30	Abiotic	70					
11-Aug-25	I04	30	Other Sessile Fauna	0					
26-Jul-25	I04	35	Hard Coral	0	100	Rubble			
26-Jul-25	I04	35	Soft Coral	2					
26-Jul-25	I04	35	Sponge	2					
26-Jul-25	I04	35	Algae	91					
26-Jul-25	I04	35	Seagrass	0					
26-Jul-25	I04	35	Abiotic	5					
26-Jul-25	I04	35	Other Sessile Fauna	0					
11-Aug-25	I04	35	NA	NA	NA	NA	NA	Submerged, no photo	
26-Jul-25	I04	40	Hard Coral	2	100	Sandy	Caulerpa racemosa	Abt 2%	
26-Jul-25	I04	40	Soft Coral	1					
26-Jul-25	I04	40	Sponge	5					
26-Jul-25	I04	40	Algae	55					
26-Jul-25	I04	40	Seagrass	0					
26-Jul-25	I04	40	Abiotic	37					
26-Jul-25	I04	40	Other Sessile Fauna	0					
11-Aug-25	I04	40	NA	NA	NA	NA	NA	Submerged, no photo	
26-Jul-25	I04	45	Hard Coral	0	100	Rubble			
26-Jul-25	I04	45	Soft Coral	0					
26-Jul-25	I04	45	Sponge	5					
26-Jul-25	I04	45	Algae	75					
26-Jul-25	I04	45	Seagrass	0					
26-Jul-25	I04	45	Abiotic	20					
26-Jul-25	I04	45	Other Sessile Fauna	0					
11-Aug-25	I04	45	NA	NA	NA	NA	NA	Submerged, no photo	
26-Jul-25	I04	50	Hard Coral	30	100	Sandy	Sargassum sp.	Abt 1%	
26-Jul-25	I04	50	Soft Coral	0					
26-Jul-25	I04	50	Sponge	0					
26-Jul-25	I04	50	Algae	10					
26-Jul-25	I04	50	Seagrass	0					
26-Jul-25	I04	50	Abiotic	60					
26-Jul-25	I04	50	Other Sessile Fauna	0					
11-Aug-25	I04	50	NA	NA	NA	NA	NA	Submerged, no photo	
11-Aug-25	I05	0	Hard Coral	0	100	Rubble			
11-Aug-25	I05	0	Soft Coral	0					
11-Aug-25	I05	0	Sponge	0					
11-Aug-25	I05	0	Algae	20					
11-Aug-25	I05	0	Seagrass	0					
11-Aug-25	I05	0	Abiotic	80					
11-Aug-25	I05	0	Other Sessile Fauna	0					
26-Jul-25	I05	5	Hard Coral	0	100	Boulder	Bryopsis sp.		
26-Jul-25	I05	5	Soft Coral	0			Caulerpa microphysa		
26-Jul-25	I05	5	Sponge	0			Chaetomorpha sp.		
26-Jul-25	I05	5	Algae	70			Neomeris sp.		
26-Jul-25	I05	5	Seagrass	0			Gracilaria sp.		
26-Jul-25	I05	5	Abiotic	30			Cristpa sp.		
26-Jul-25	I05	5	Other Sessile Fauna	0			Udotaceae Family		
11-Aug-25	I05	5	Hard Coral	0	100	Rubble		seagrape (1%) and other	
11-Aug-25	I05	5	Soft Coral	0					
11-Aug-25	I05	5	Sponge	0					
11-Aug-25	I05	5	Algae	90					
11-Aug-25	I05	5	Seagrass	0					
11-Aug-25	I05	5	Abiotic	10					
11-Aug-25	I05	5	Other Sessile Fauna	0					
26-Jul-25	I05	10	Hard Coral	0	100	Sandy	Bryopsis sp.		
26-Jul-25	I05	10	Soft Coral	0			Caulerpa microphysa		
26-Jul-25	I05	10	Sponge	5			Gracilaria sp.	4-6 stalks	
26-Jul-25	I05	10	Algae	60			Cristpa sp.	Canopy Height 21 + 21.5 + 17.5 = 60 / 3 = 20	
26-Jul-25	I05	10	Seagrass	5			Udotaceae Family		
26-Jul-25	I05	10	Abiotic	30			Red turf algal		
26-Jul-25	I05	10	Other Sessile Fauna	0					
11-Aug-25	I05	10	Hard Coral	0	100	Sandy		Seagrape (.5%) and other	
11-Aug-25	I05	10	Soft Coral	0					
11-Aug-25	I05	10	Sponge	0					
11-Aug-25	I05	10	Algae	45				Canopy height: 25.5, 25, 22	
11-Aug-25	I05	10	Seagrass	35					
11-Aug-25	I05	10	Abiotic	20					
11-Aug-25	I05	10	Other Sessile Fauna	0					
26-Jul-25	I05	15	Hard Coral	0	100	Sandy			
26-Jul-25	I05	15	Soft Coral	0					
26-Jul-25	I05	15	Sponge	0					
26-Jul-25	I05	15	Algae	60					
26-Jul-25	I05	15	Seagrass	0					
26-Jul-25	I05	15	Abiotic	40					
26-Jul-25	I05	15	Other Sessile Fauna	0					
11-Aug-25	I05	15	Hard Coral	0	100	Sandy		Seagrape (4%) and other	
11-Aug-25	I05	15	Soft Coral	0					
11-Aug-25	I05	15	Sponge	0					
11-Aug-25	I05	15	Algae	80					
11-Aug-25	I05	15	Seagrass	0					
11-Aug-25	I05	15	Abiotic	20					
11-Aug-25	I05	15	Other Sessile Fauna	0					
26-Jul-25	I05	20	Hard Coral	0	100	Boulder	Bryopsis sp.		
26-Jul-25	I05	20	Soft Coral	0			Caulerpa microphysa		
26-Jul-25	I05	20	Sponge	0			Gracilaria sp.		
26-Jul-25	I05	20	Algae	94					
26-Jul-25	I05	20	Seagrass	0					
26-Jul-25	I05	20	Abiotic	5					
26-Jul-25	I05	20	Other Sessile Fauna	1					
11-Aug-25	I05	20	Hard Coral	0		Rubble		Seagrape (5%) and other	
11-Aug-25	I05	20	Soft Coral	0					
11-Aug-25	I05	20	Sponge	0					
11-Aug-25	I05	20	Algae	90					

11-Aug-25	I05	20	Seagrass	0				
11-Aug-25	I05	20	Abiotic	10				
11-Aug-25	I05	20	Other Sessile Fauna	0				
26-Jul-25	I05	25	Hard Coral	0	100	Sandy	Bryopsis sp.	
26-Jul-25	I05	25	Soft Coral	0			Red turf algal	
26-Jul-25	I05	25	Sponge	0				
26-Jul-25	I05	25	Algae	89				
26-Jul-25	I05	25	Seagrass	0				
26-Jul-25	I05	25	Abiotic	10				
26-Jul-25	I05	25	Other Sessile Fauna	1				
11-Aug-25	I05	25	Hard Coral	0	100			Seagrape (5%) and other
11-Aug-25	I05	25	Soft Coral	0				
11-Aug-25	I05	25	Sponge	10		Rubble		Algae (2%) and other
11-Aug-25	I05	25	Algae	70				
11-Aug-25	I05	25	Seagrass	0				
11-Aug-25	I05	25	Abiotic	20				
11-Aug-25	I05	25	Other Sessile Fauna	0				
26-Jul-25	I05	30	Hard Coral	0	100	Boulder	Bryopsis sp.	
26-Jul-25	I05	30	Soft Coral	0			Caulerpa microphysa	
26-Jul-25	I05	30	Sponge	1			Caulerpa racemosa	
26-Jul-25	I05	30	Algae	79				
26-Jul-25	I05	30	Seagrass	0				
26-Jul-25	I05	30	Abiotic	20				
26-Jul-25	I05	30	Other Sessile Fauna	0				
11-Aug-25	I05	30	Hard Coral	0	100		TBC	Seagrape (<1%) and other
11-Aug-25	I05	30	Soft Coral	0		Sandy		
11-Aug-25	I05	30	Sponge	0				
11-Aug-25	I05	30	Algae	75				
11-Aug-25	I05	30	Seagrass	0				
11-Aug-25	I05	30	Abiotic	25				
11-Aug-25	I05	30	Other Sessile Fauna	0				
26-Jul-25	I05	35	Hard Coral	0	100	Boulder	Bryopsis sp.	
26-Jul-25	I05	35	Soft Coral	0			Caulerpa microphysa	
26-Jul-25	I05	35	Sponge	0			Cripsta sp.	
26-Jul-25	I05	35	Algae	90				
26-Jul-25	I05	35	Seagrass	0				
26-Jul-25	I05	35	Abiotic	10				
26-Jul-25	I05	35	Other Sessile Fauna	0				
11-Aug-25	I05	35	Hard Coral	0	100		TBC	seagrape (1%) and other
11-Aug-25	I05	35	Soft Coral	0				
11-Aug-25	I05	35	Sponge	0		Rubble	TBC	
11-Aug-25	I05	35	Algae	90				
11-Aug-25	I05	35	Seagrass	0				
11-Aug-25	I05	35	Abiotic	10				
11-Aug-25	I05	35	Other Sessile Fauna	0				
26-Jul-25	I05	40	Hard Coral	0	100	Rubble	Bryopsis sp.	
26-Jul-25	I05	40	Soft Coral	0			Caulerpa microphysa	
26-Jul-25	I05	40	Sponge	5			Gracilaria sp.	
26-Jul-25	I05	40	Algae	85				
26-Jul-25	I05	40	Seagrass	0				
26-Jul-25	I05	40	Abiotic	10				
26-Jul-25	I05	40	Other Sessile Fauna	0				
11-Aug-25	I05	40	Hard Coral	0	100		TBC	CCA and other
11-Aug-25	I05	40	Soft Coral	0			TBC	sea grape (2.5%) and other
11-Aug-25	I05	40	Sponge	5		Sandy		
11-Aug-25	I05	40	Algae	85				
11-Aug-25	I05	40	Seagrass	0				
11-Aug-25	I05	40	Abiotic	10				
11-Aug-25	I05	40	Other Sessile Fauna	0				
26-Jul-25	I05	45	Hard Coral	0	100	Sandy	Bryopsis sp.	
26-Jul-25	I05	45	Soft Coral	0			Caulerpa microphysa	
26-Jul-25	I05	45	Sponge	0			Cripsta sp.	
26-Jul-25	I05	45	Algae	30				
26-Jul-25	I05	45	Seagrass	0				
26-Jul-25	I05	45	Abiotic	70				
26-Jul-25	I05	45	Other Sessile Fauna	0				
11-Aug-25	I05	45	Hard Coral	0	100			AH219-246
11-Aug-25	I05	45	Soft Coral	0			TBC	sea grapes and other
11-Aug-25	I05	45	Sponge	5			TBC	at least 2 species
11-Aug-25	I05	45	Algae	40		Sandy		
11-Aug-25	I05	45	Seagrass	20				
11-Aug-25	I05	45	Abiotic	35				
11-Aug-25	I05	45	Other Sessile Fauna	0				
26-Jul-25	I05	50	Hard Coral	0	100	Rubble	Bryopsis sp.	
26-Jul-25	I05	50	Soft Coral	0			Caulerpa microphysa	
26-Jul-25	I05	50	Sponge	0			Cripsta sp.	
26-Jul-25	I05	50	Algae	20				
26-Jul-25	I05	50	Seagrass	0				
26-Jul-25	I05	50	Abiotic	80				
26-Jul-25	I05	50	Other Sessile Fauna	0				
11-Aug-25	I05	50	NA	NA	NA	NA	NA	Submerged, no photo

Appendix D - Intertidal and Subtidal Survey Data

Subtidal LIT Data

Date	Transect	Start (m)	End (m)	Size_cm	Substrate	Scientific name	Common name	Type
28/8/2025	S01 Slope	0.00	0.90	0.90	Silt			
28/8/2025	S01 Slope	0.90	1.00	0.10	Rock			
28/8/2025	S01 Slope	1.00	19.00	18.00	Silt			
28/8/2025	S01 Slope	19.00	26.00	7.00	Rock			
28/8/2025	S01 Slope	26.00	27.70	1.70	Other Fauna			
28/8/2025	S01 Slope	27.70	30.00	2.30	Silt			
28/8/2025	S01 Slope	30.00	34.00	4.00	Rock			
28/8/2025	S01 Slope	34.00	50.00	16.00	Silt			
29/8/2025	S02 Slope	0.00	2.57	2.57	Rock			
29/8/2025	S02 Slope	2.57	2.60	0.03	Rubble	Fungia sp.	NA	Hard Coral
29/8/2025	S02 Slope	2.60	3.14	0.54	Rock			
29/8/2025	S02 Slope	3.14	3.18	0.04	Algae	NA	Unidentified Algae sp.	Algae
29/8/2025	S02 Slope	3.18	3.90	0.72	Rock			
29/8/2025	S02 Slope	3.90	4.00	0.10	Hard coral	Favites chinensis	NA	Hard Coral
29/8/2025	S02 Slope	4.00	4.10	0.10	Rock			
29/8/2025	S02 Slope	4.10	6.25	2.15	Silt			
29/8/2025	S02 Slope	6.25	6.40	0.15	Hard coral	Favites colemani	NA	Hard Coral
29/8/2025	S02 Slope	6.40	8.70	2.30	Silt			
29/8/2025	S02 Slope	8.70	9.02	0.32	Rock			
29/8/2025	S02 Slope	9.02	9.10	0.08	Sponge	Haliclona cf. baeri	NA	Sea sponge
29/8/2025	S02 Slope	9.10	9.17	0.07	Sponge	NA	Unidentified Sponge sp. 3	Sea sponge
29/8/2025	S02 Slope	9.17	9.40	0.23	Rock			
29/8/2025	S02 Slope	9.40	11.20	1.80	Silt			
29/8/2025	S02 Slope	11.20	11.24	0.04	Algae	Lithothamnion sp.	NA	Algae
29/8/2025	S02 Slope	11.24	11.29	0.05	Sponge	NA	Unidentified Sponge sp. 4	Sea sponge
29/8/2025	S02 Slope	11.29	11.47	0.18	Hard coral	Hydnophora microconos	NA	Hard Coral
29/8/2025	S02 Slope	11.47	11.68	0.21	Silt			
29/8/2025	S02 Slope	11.68	11.76	0.08	Rock			
29/8/2025	S02 Slope	11.76	11.92	0.16	Silt			
29/8/2025	S02 Slope	11.92	12.06	0.14	Hard coral	Favites magnistellata	NA	Hard Coral
29/8/2025	S02 Slope	12.06	12.26	0.20	Sponge	Haliclona cf. baeri	NA	Sea sponge
29/8/2025	S02 Slope	12.26	12.50	0.24	Rock			
29/8/2025	S02 Slope	12.50	12.80	0.30	Sponge	Xestospongia testudinaria	Barrel Sponge	Sea sponge
29/8/2025	S02 Slope	12.80	13.80	1.00	Rock			
29/8/2025	S02 Slope	13.80	13.84	0.04	Algae	Lithothamnion sp.	NA	Algae
29/8/2025	S02 Slope	13.84	14.00	0.16	Rock			
29/8/2025	S02 Slope	14.00	14.06	0.06	Sponge	Neopetrosia sp.	Blue jorunna sponge	Sea sponge
29/8/2025	S02 Slope	14.06	14.06	0.00	Sponge	Haliclona cf. baeri	NA	Sea sponge
29/8/2025	S02 Slope	14.06	14.90	0.84	Rock			
29/8/2025	S02 Slope	14.90	15.05	0.15	Algae	Lithothamnion sp.	NA	Algae
29/8/2025	S02 Slope	15.05	15.95	0.90	Rock			

Appendix D - Intertidal and Subtidal Survey Data

Subtidal LIT Data

29/8/2025	S02 Slope	15.95	16.06	0.11	Hard coral	Favites chinensis	NA	Hard Coral
29/8/2025	S02 Slope	16.06	16.30	0.24	Hard coral	Mycedium elephantotus	NA	Hard Coral
29/8/2025	S02 Slope	16.30	16.40	0.10	Algae	Lithothamnion sp.	NA	Algae
29/8/2025	S02 Slope	16.40	16.85	0.45	Rock			
29/8/2025	S02 Slope	16.85	16.87	0.02	Hard coral	Leptastrea transversa	NA	Hard Coral
29/8/2025	S02 Slope	16.87	16.99	0.12	Sponge	Haliclona cf. baeri	NA	Sea sponge
29/8/2025	S02 Slope	16.99	17.10	0.11	Rock			
29/8/2025	S02 Slope	17.10	17.17	0.07	Algae	Lithothamnion sp.	NA	Algae
29/8/2025	S02 Slope	17.17	17.20	0.03	Other Fauna	Polycarpa sp.		Tunicate
29/8/2025	S02 Slope	17.20	17.32	0.12	Rock			
29/8/2025	S02 Slope	17.32	17.40	0.08	Sponge	cf. Chondrilla australiensis	NA	Sea sponge
29/8/2025	S02 Slope	17.40	17.70	0.30	Rock			
29/8/2025	S02 Slope	17.70	17.78	0.08	Sponge	cf. Chondrilla australiensis	NA	Sea sponge
29/8/2025	S02 Slope	17.78	18.00	0.22	Rock			
29/8/2025	S02 Slope	18.00	18.23	0.23	Hard coral	Favites pentagona	NA	Hard Coral
29/8/2025	S02 Slope	18.23	18.72	0.49	Rock			
29/8/2025	S02 Slope	18.72	18.75	0.03	Hard coral	Pectinia paeonia	NA	Hard Coral
29/8/2025	S02 Slope	18.75	19.09	0.34	Rock			
29/8/2025	S02 Slope	19.09	19.16	0.07	Soft coral	Klyxum sp.	NA	Soft Coral
29/8/2025	S02 Slope	19.16	19.31	0.15	Rock			
29/8/2025	S02 Slope	19.31	19.33	0.02	Soft coral	Klyxum sp.	NA	Soft Coral
29/8/2025	S02 Slope	19.33	19.40	0.07	Rock			
29/8/2025	S02 Slope	19.40	19.50	0.10	Soft coral	Klyxum sp.	NA	Soft Coral
29/8/2025	S02 Slope	19.50	19.90	0.40	Hard coral	Mycedium elephantotus	NA	Hard Coral
29/8/2025	S02 Slope	19.90	20.20	0.30	Rock			
29/8/2025	S02 Slope	20.20	20.22	0.02	Other Fauna	Echinogorgia sp.	NA	Soft Coral
29/8/2025	S02 Slope	20.22	21.01	0.79	Sponge	NA	Unidentified Sponge sp. 5	NA
29/8/2025	S02 Slope	21.01	21.17	0.16	Rock			
29/8/2025	S02 Slope	21.17	23.30	2.13	Silt			
29/8/2025	S02 Slope	23.30	23.50	0.20	Algae	Bryopsis sp.	NA	Algae
29/8/2025	S02 Slope	23.50	24.58	1.08	Rock			
29/8/2025	S02 Slope	24.58	24.62	0.04	Algae	Lithothamnion sp.	NA	Algae
29/8/2025	S02 Slope	24.62	26.70	2.08	Rock			
29/8/2025	S02 Slope	26.70	26.90	0.20	Sponge	cf. Clathria reinwardti	NA	Sea sponge
29/8/2025	S02 Slope	26.90	27.00	0.10	Other Fauna	Ctenocella pectinata	NA	Soft Coral
29/8/2025	S02 Slope	27.00	29.00	2.00	Rock			
29/8/2025	S02 Slope	29.00	29.20	0.20	Silt			
29/8/2025	S02 Slope	29.20	31.00	1.80	Rock			
29/8/2025	S02 Slope	31.00	32.70	1.70	Silt			
29/8/2025	S02 Slope	32.70	32.72	0.02	Other Fauna	Dichotella cf. gemmacea	NA	Soft Coral
29/8/2025	S02 Slope	32.72	34.50	1.78	Silt			
29/8/2025	S02 Slope	34.50	34.55	0.05	Hard coral	Pectinia paeonia	NA	Hard Coral

Appendix D - Intertidal and Subtidal Survey Data

Subtidal LIT Data

29/8/2025	S02 Slope	34.55	35.05	0.50	Hard coral	Cyphastrea sp.	NA	Hard Coral
29/8/2025	S02 Slope	35.05	37.10	2.05	Rock			
29/8/2025	S02 Slope	37.10	38.30	1.20	Silt			
29/8/2025	S02 Slope	38.30	39.08	0.78	Rock			
29/8/2025	S02 Slope	39.08	39.12	0.04	Rubble			
29/8/2025	S02 Slope	39.12	39.20	0.08	Sponge	NA	Acoel flatworm	Flatworm
29/8/2025	S02 Slope	39.20	39.50	0.30	Rock			
29/8/2025	S02 Slope	39.50	40.35	0.85	Silt			
29/8/2025	S02 Slope	40.35	40.80	0.45	Rock			
29/8/2025	S02 Slope	40.80	41.50	0.70	Silt			
29/8/2025	S02 Slope	41.50	41.94	0.44	Hard coral	NA	Unidentified Merulinidae	NA
29/8/2025	S02 Slope	41.94	42.20	0.26	Rock			
29/8/2025	S02 Slope	42.20	42.25	0.05	Silt			
29/8/2025	S02 Slope	42.25	43.80	1.55	Rock			
29/8/2025	S02 Slope	43.80	44.10	0.30	Hard coral	Mycedium elephantotus	NA	Hard Coral
29/8/2025	S02 Slope	44.10	44.25	0.15	Silt			
29/8/2025	S02 Slope	44.25	44.45	0.20	Hard coral	Mycedium elephantotus	NA	Hard Coral
29/8/2025	S02 Slope	44.45	45.20	0.75	Rock			
29/8/2025	S02 Slope	45.20	45.80	0.60	Silt			
29/8/2025	S02 Slope	45.80	45.90	0.10	Rock			
29/8/2025	S02 Slope	45.90	46.10	0.20	Sponge	cf. Chondrilla australiensis	NA	Sea sponge
29/8/2025	S02 Slope	46.10	46.87	0.77	Silt			
29/8/2025	S02 Slope	46.87	46.91	0.04	Hard coral	Leptastrea transversa	NA	Hard Coral
29/8/2025	S02 Slope	46.91	47.10	0.19	Rock			
29/8/2025	S02 Slope	47.10	47.50	0.40	Silt			
29/8/2025	S02 Slope	47.50	48.30	0.80	Rock			
29/8/2025	S02 Slope	48.30	48.40	0.10	Hard coral	Pectinia sp.	NA	Hard Coral
29/8/2025	S02 Slope	48.40	48.59	0.19	Rock			
29/8/2025	S02 Slope	48.59	48.63	0.04	Other Fauna	Polycarpa sp.	Thumbs-up sea squirt (solitary)	Tunicate
29/8/2025	S02 Slope	48.63	49.20	0.57	Rock			
29/8/2025	S02 Slope	49.20	49.26	0.06	Hard coral	Dipsastrea sp.	NA	Hard Coral
29/8/2025	S02 Slope	49.26	50.00	0.74	Silt			
28/8/2025	S02 Crest	0	0.7	0.70	Hard coral	Diploastrea heliopora	Double-star Coral	Hard Coral
28/8/2025	S02 Crest	0.7	1	0.30	Rubble			
28/8/2025	S02 Crest	1	3	2.00	Sand			
28/8/2025	S02 Crest	3	4	1.00	Rock			
28/8/2025	S02 Crest	4	5.4	1.40	Sand			
28/8/2025	S02 Crest	5.4	6.3	0.90	Rock			
28/8/2025	S02 Crest	6.3	7.3	1.00	Silt			
28/8/2025	S02 Crest	7.3	7.7	0.40	Rock			
28/8/2025	S02 Crest	7.7	8	0.30	Silt			
28/8/2025	S02 Crest	8	14	6.00	Hard coral	Pachyseris speciosa	Castle Coral	Hard Coral

Appendix D - Intertidal and Subtidal Survey Data

Subtidal LIT Data

28/8/2025	S02 Crest	14	15.8	1.80	Rubble			
28/8/2025	S02 Crest	15.8	16	0.20	Sand			
28/8/2025	S02 Crest	16	16.3	0.30	Algae	Bryopsis sp.	NA	Algae
28/8/2025	S02 Crest	16.3	17.1	0.80	Sand			
28/8/2025	S02 Crest	17.1	17.5	0.40	Rock			
28/8/2025	S02 Crest	17.5	17.7	0.20	Sand			
28/8/2025	S02 Crest	17.7	18	0.30	Rock			
28/8/2025	S02 Crest	18	18.5	0.50	Hard coral	Goniopora lobata	Flowerpot True Red Coral	Hard Coral
28/8/2025	S02 Crest	18.5	18.7	0.20	silt			
28/8/2025	S02 Crest	18.7	19	0.30	Hard coral	Duncanopsammia peltata	Pagoda Coral	Hard Coral
28/8/2025	S02 Crest	19	20.6	1.60	sand			
28/8/2025	S02 Crest	20.6	20.8	0.20	Sand			
28/8/2025	S02 Crest	20.8	21	0.20	Sponge			
28/8/2025	S02 Crest	21	21.2	0.20	Sand			
28/8/2025	S02 Crest	21.2	22.2	1.00	Algae	NA	Red algae	NA
28/8/2025	S02 Crest	22.2	22.4	0.20	Hard coral	Platygyra daedalea	Brain Coral	Hard Coral
28/8/2025	S02 Crest	22.4	22.5	0.10	Sand			
28/8/2025	S02 Crest	22.5	22.7	0.20	Rock			
28/8/2025	S02 Crest	22.7	23	0.30	Sand			
28/8/2025	S02 Crest	23	23.8	0.80	Rubble			
28/8/2025	S02 Crest	23.8	24	0.20	Sand			
28/8/2025	S02 Crest	24	24.1	0.10	Algae	Lithothamnion sp.	NA	Algae
28/8/2025	S02 Crest	24.1	24.4	0.30	Sand			
28/8/2025	S02 Crest	24.4	24.9	0.50	Rubble			
28/8/2025	S02 Crest	24.9	25.1	0.20	Rock			
28/8/2025	S02 Crest	25.1	25.4	0.30	Sponge			
28/8/2025	S02 Crest	25.4	25.5	0.10	Algae	Bryopsis sp.	NA	Algae
28/8/2025	S02 Crest	25.5	25.8	0.30	Rubble			
28/8/2025	S02 Crest	25.8	26	0.20	Sponge			
28/8/2025	S02 Crest	26	27.4	1.40	Silt			
28/8/2025	S02 Crest	27.4	28.3	0.90	Hard coral	NA	Unidentified Scleractinia	NA
28/8/2025	S02 Crest	28.3	28.6	0.30	Silt			
28/8/2025	S02 Crest	28.6	28.7	0.10	Hard coral	NA	Unidentified Scleractinia	NA
28/8/2025	S02 Crest	28.7	28.9	0.20	Silt			
28/8/2025	S02 Crest	28.9	29.3	0.40	Rock			
28/8/2025	S02 Crest	29.3	29.4	0.10	Sponge			
28/8/2025	S02 Crest	29.4	29.9	0.50	Rock			
28/8/2025	S02 Crest	29.9	33	3.10	Silt			
28/8/2025	S02 Crest	33	34.2	1.20	Other Fauna	NA	Family Ellisellidae	NA
28/8/2025	S02 Crest	34.2	34.5	0.30	Silt		Family Styelidae	
28/8/2025	S02 Crest	34.5	34.8	0.30	Sponge		Family Gracilariaceae	
28/8/2025	S02 Crest	34.8	35.3	0.50	Hard coral	Psammocora nierstraszi	Family Petrosiidae	Hard Coral

Appendix D - Intertidal and Subtidal Survey Data

Subtidal LIT Data

28/8/2025	S02 Crest	35.3	35.5	0.20	Rock		Family Ellisellidae	
28/8/2025	S02 Crest	35.5	35.6	0.10	Hard coral	Cyphastrea serailia	Family Ellisellidae	Hard Coral
28/8/2025	S02 Crest	35.6	36.3	0.70	Rock			
28/8/2025	S02 Crest	36.3	36.5	0.20	Sponge			
28/8/2025	S02 Crest	36.5	36.9	0.40	Sponge			
28/8/2025	S02 Crest	36.9	37	0.10	Rock			
28/8/2025	S02 Crest	37	37.1	0.10	Hard coral	Favites chinensis	NA	Hard Coral
28/8/2025	S02 Crest	37.1	37.3	0.20	Rock			
28/8/2025	S02 Crest	37.3	37.6	0.30	Hard coral	Pectinia paeonia	NA	Hard Coral
28/8/2025	S02 Crest	37.6	38.4	0.80	Rock			
28/8/2025	S02 Crest	38.4	38.7	0.30	Sponge			
28/8/2025	S02 Crest	38.7	38.8	0.10	Rubble			
28/8/2025	S02 Crest	38.8	39.4	0.60	Sponge			
28/8/2025	S02 Crest	39.4	39.5	0.10	Hard coral	Favites chinensis	NA	Hard Coral
28/8/2025	S02 Crest	39.5	39.9	0.40	Hard coral	Podabacia crustacea	Bracket Mushroom Coral	Hard Coral
28/8/2025	S02 Crest	39.9	40.3	0.40	Algae	Lithothamnion sp.	NA	Algae
28/8/2025	S02 Crest	40.3	40.5	0.20	Rubble			
28/8/2025	S02 Crest	40.5	40.8	0.30	Silt			
28/8/2025	S02 Crest	40.8	41.7	0.90	Hard coral	Favites chinensis	NA	Hard Coral
28/8/2025	S02 Crest	41.7	42	0.30	Silt			
28/8/2025	S02 Crest	42	42.3	0.30	Rock			
28/8/2025	S02 Crest	42.3	42.4	0.10	Other Fauna	NA	Unidentified Ascidian	NA
28/8/2025	S02 Crest	42.4	42.5	0.10	Rock			
28/8/2025	S02 Crest	42.5	42.6	0.10	Sponge			
28/8/2025	S02 Crest	42.6	43	0.40	Hard coral	Mycedium elephantotus	NA	Hard Coral
28/8/2025	S02 Crest	43	43.2	0.20	Other Fauna	NA	Family Styelidae	NA
28/8/2025	S02 Crest	43.2	43.4	0.20	Hard coral	Bernardpora stutchburyi	Anemone Coral	Hard Coral
28/8/2025	S02 Crest	43.4	43.6	0.20	Sand			
28/8/2025	S02 Crest	43.6	43.9	0.30	Algae	Lithothamnion sp.	NA	Algae
28/8/2025	S02 Crest	43.9	44	0.10	Hard coral	Dipsastraea sp.	NA	Hard Coral
28/8/2025	S02 Crest	44	44.1	0.10	Sand			
28/8/2025	S02 Crest	44.1	44.4	0.30	Hard coral	Pectinia paeonia	NA	Hard Coral
28/8/2025	S02 Crest	44.4	44.7	0.30	Silt			
28/8/2025	S02 Crest	44.7	46	1.30	Rubble			
28/8/2025	S02 Crest	46	47.4	1.40	Sand			
28/8/2025	S02 Crest	47.4	47.6	0.20	Other Fauna	Rhopalaea sp.	NA	Tunicate
28/8/2025	S02 Crest	47.6	47.8	0.20	Sponge			
28/8/2025	S02 Crest	47.8	48.1	0.30	Rubble			
28/8/2025	S02 Crest	48.1	48.6	0.50	Rock			
28/8/2025	S02 Crest	48.6	49	0.40	Hard coral	Cyphastrea sp.	NA	Hard Coral
28/8/2025	S02 Crest	49	49.5	0.50	Hard coral	Cyphastrea sp.	NA	Hard Coral
28/8/2025	S02 Crest	49.5	50	0.50	Hard coral	Cyphastrea sp.	NA	Hard Coral

Appendix D - Intertidal and Subtidal Survey Data

Subtidal LIT Data

27/8/2025	S01 Crest	0.00	1.86	1.86	Rubble			
27/8/2025	S01 Crest	1.86	1.90	0.04	Algae			
27/8/2025	S01 Crest	1.90	2.00	0.10	Sponge			
27/8/2025	S01 Crest	2.00	2.08	0.08	Silt			
27/8/2025	S01 Crest	2.08	2.17	0.09	Sponge			
27/8/2025	S01 Crest	2.17	2.23	0.06	Hard coral	Dipsastraea speciosa	NA	Hard Coral
27/8/2025	S01 Crest	2.23	2.34	0.11	Sponge			
27/8/2025	S01 Crest	2.34	2.39	0.05	Algae			
27/8/2025	S01 Crest	2.39	2.75	0.36	Sand			
27/8/2025	S01 Crest	2.75	2.90	0.15	Algae			
27/8/2025	S01 Crest	2.90	3.95	1.05	Rubble			
27/8/2025	S01 Crest	3.95	4.00	0.05	Sponge			
27/8/2025	S01 Crest	4.00	4.10	0.10	Rubble			
27/8/2025	S01 Crest	4.10	5.07	0.97	Silt			
27/8/2025	S01 Crest	5.07	5.22	0.15	Sponge			
27/8/2025	S01 Crest	5.22	6.06	0.84	Sand			
27/8/2025	S01 Crest	6.06	6.08	0.02	Algae			
27/8/2025	S01 Crest	6.08	6.20	0.12	Sand			
27/8/2025	S01 Crest	6.20	6.30	0.10	Sponge			
27/8/2025	S01 Crest	6.30	7.15	0.85	Rock			
27/8/2025	S01 Crest	7.15	7.35	0.20	Hard coral	Duncanopsammia peltata	Pagoda Coral	Hard Coral
27/8/2025	S01 Crest	7.35	7.52	0.17	Hard coral	Pectinia paeonia	NA	Hard Coral
27/8/2025	S01 Crest	7.52	7.67	0.15	Sand			
27/8/2025	S01 Crest	7.67	7.90	0.23	Sponge			
27/8/2025	S01 Crest	7.90	8.90	1.00	Sand			
27/8/2025	S01 Crest	8.90	9.00	0.10	Sponge			
27/8/2025	S01 Crest	9.00	9.16	0.16	Sponge			
27/8/2025	S01 Crest	9.16	9.50	0.34	Rubble			
27/8/2025	S01 Crest	9.50	9.86	0.36	Rock			
27/8/2025	S01 Crest	9.86	9.96	0.10	Hard coral	Dipsastraea speciosa	NA	Hard Coral
27/8/2025	S01 Crest	9.96	10.42	0.46	Rubble			
27/8/2025	S01 Crest	10.42	10.70	0.28	Hard coral	Pectinia paeonia	NA	Hard Coral
27/8/2025	S01 Crest	10.70	11.00	0.30	Rock			
27/8/2025	S01 Crest	11.00	11.60	0.60	Hard coral	Duncanopsammia peltata	Pagoda Coral	Hard Coral
27/8/2025	S01 Crest	11.60	12.00	0.40	Rock			
27/8/2025	S01 Crest	12.00	12.30	0.30	Hard coral	Duncanopsammia peltata	Pagoda Coral	Hard Coral
27/8/2025	S01 Crest	12.30	12.39	0.09	Algae			
27/8/2025	S01 Crest	12.39	13.20	0.81	Sand			
27/8/2025	S01 Crest	13.20	13.36	0.16	Hard coral	Cyphastrea sp.	NA	Hard Coral
27/8/2025	S01 Crest	13.36	13.85	0.49	Algae	Bryopsis sp.	NA	Algae
27/8/2025	S01 Crest	13.85	13.90	0.05	Sand			
27/8/2025	S01 Crest	13.90	15.30	1.40	Algae	Sargassum sp.	NA	Algae

Appendix D - Intertidal and Subtidal Survey Data

Subtidal LIT Data

27/8/2025	S01 Crest	15.30	16.60	1.30	Sand			
27/8/2025	S01 Crest	16.60	16.90	0.30	Algae	Sargassum sp.	NA	Algae
27/8/2025	S01 Crest	16.90	20.70	3.80	Other Fauna	NA	Tunicate	NA
27/8/2025	S01 Crest	20.70	20.74	0.04	Sand			
27/8/2025	S01 Crest	20.74	25.30	4.56	Sponge			
27/8/2025	S01 Crest	25.30	25.90	0.60	Sand			
27/8/2025	S01 Crest	25.90	32.39	6.49	Sand			
27/8/2025	S01 Crest	32.39	32.60	0.21	Sand			
27/8/2025	S01 Crest	32.60	32.74	0.14	Sponge			
27/8/2025	S01 Crest	32.74	39.14	6.40	Hard coral	Platygyra lamellina	Lesser Valley Coral	Hard Coral
27/8/2025	S01 Crest	39.14	39.57	0.43	Sand			
27/8/2025	S01 Crest	39.57	40.00	0.43	Rock			
27/8/2025	S01 Crest	40.00	40.28	0.28	Sand			
27/8/2025	S01 Crest	40.28	44.50	4.22	Hard coral	Goniopora columna	Anemone Coral	Hard Coral
27/8/2025	S01 Crest	44.50	44.80	0.30	Sand			
27/8/2025	S01 Crest	44.80	44.82	0.02	Rock			
27/8/2025	S01 Crest	44.82	50.00	5.18	Algae	Bryopsis sp.	NA	Algae
28/8/2025	S01 Slope	0.00	14.10	14.10	Silt			
28/8/2025	S01 Slope	14.10	14.12	0.02	Sand			
28/8/2025	S01 Slope	14.12	24.60	10.48	Seagrass	Halophila ovalis	Spoon seagrass	Seagrass
28/8/2025	S01 Slope	24.60	24.63	0.03	Silt			
28/8/2025	S01 Slope	24.63	25.60	0.97	Other Fauna	NA	Tunicate	NA
28/8/2025	S01 Slope	25.60	27.20	1.60	Rock			
28/8/2025	S01 Slope	27.20	31.00	3.80	Rock			
28/8/2025	S01 Slope	31.00	43.90	12.90	Silt			
28/8/2025	S01 Slope	43.90	44.10	0.20	Algae	Halymenia sp.	NA	Algae
28/8/2025	S01 Slope	44.10	44.67	0.57	Sand			
28/8/2025	S01 Slope	44.67	44.75	0.08	Rock			
28/8/2025	S01 Slope	44.75	44.80	0.05	Sponge	Xestospongia testudinaria	Barrel Sponge	Sea sponge
28/8/2025	S01 Slope	44.80	45.66	0.86	Silt			
28/8/2025	S01 Slope	45.66	45.69	0.03	Hard coral	NA	Unidentified Merulinidae	NA
28/8/2025	S01 Slope	45.69	45.72	0.03	Algae	Hypnea sp.	NA	Algae
28/8/2025	S01 Slope	45.72	45.76	0.04	Hard coral	NA	Unidentified Scleractinia	NA
28/8/2025	S01 Slope	45.76	45.80	0.04	Algae			
28/8/2025	S01 Slope	45.80	45.92	0.12	Silt			
28/8/2025	S01 Slope	45.92	46.49	0.57	Hard coral	Bernardpora stutchburyi	Anemone Coral	Hard Coral
28/8/2025	S01 Slope	46.49	46.68	0.19	Silt			
28/8/2025	S01 Slope	46.68	46.85	0.17	Rock			
28/8/2025	S01 Slope	46.85	46.95	0.10	Sand			
28/8/2025	S01 Slope	46.95	47.03	0.08	Rock			
28/8/2025	S01 Slope	47.03	47.60	0.57	Sand			
28/8/2025	S01 Slope	47.60	47.68	0.08	Rubble			

Appendix D - Intertidal and Subtidal Survey Data

Subtidal LIT Data

28/8/2025	S01 Slope	47.68	50.00	2.32	Silt			
28/8/2025	S02 Crest	0.00	0.30	0.30	Rubble			
28/8/2025	S02 Crest	0.30	0.70	0.40	Sand			
28/8/2025	S02 Crest	0.70	0.78	0.08	Other Fauna	NA	tunicate	NA
28/8/2025	S02 Crest	0.78	1.24	0.46	Rubble			
28/8/2025	S02 Crest	1.24	1.30	0.06	Algae			
28/8/2025	S02 Crest	1.30	1.54	0.24	Rubble			
28/8/2025	S02 Crest	1.54	1.61	0.07	Silt			
28/8/2025	S02 Crest	1.61	2.02	0.41	Rubble			
28/8/2025	S02 Crest	2.02	2.11	0.09	Sponge			
28/8/2025	S02 Crest	2.11	2.80	0.69	Silt			
28/8/2025	S02 Crest	2.80	3.95	1.15	Rubble			
28/8/2025	S02 Crest	3.95	4.64	0.69	Silt			
28/8/2025	S02 Crest	4.64	6.65	2.01	Hard coral	<i>Pachyseris speciosa</i>	Castle Coral	Hard Coral
28/8/2025	S02 Crest	6.65	6.80	0.15	Hard coral	<i>Pectinia paeonia</i>	NA	Hard Coral
28/8/2025	S02 Crest	6.80	7.60	0.80	Rock			
28/8/2025	S02 Crest	7.60	7.85	0.25	Sponge			
28/8/2025	S02 Crest	7.85	8.20	0.35	Silt			
28/8/2025	S02 Crest	8.20	8.84	0.64	Rock			
28/8/2025	S02 Crest	8.84	10.30	1.46	Silt			
28/8/2025	S02 Crest	10.30	11.26	0.96	Rubble			
28/8/2025	S02 Crest	11.26	11.40	0.14	Sponge			
28/8/2025	S02 Crest	11.40	11.75	0.35	Rubble			
28/8/2025	S02 Crest	11.75	19.10	7.35	Silt			
28/8/2025	S02 Crest	19.10	19.20	0.10	Rock			
28/8/2025	S02 Crest	19.20	19.30	0.10	Algae	<i>Bryopsis sp.</i>	NA	Algae
28/8/2025	S02 Crest	19.30	24.13	4.83	Sand			
28/8/2025	S02 Crest	24.13	24.14	0.01	Sponge			
28/8/2025	S02 Crest	24.14	24.23	0.09	Rock			
28/8/2025	S02 Crest	24.23	24.80	0.57	Rubble			
28/8/2025	S02 Crest	24.80	24.89	0.09	Rock			
28/8/2025	S02 Crest	24.89	26.73	1.84	Sand			
28/8/2025	S02 Crest	26.73	27.26	0.53	Rock			
28/8/2025	S02 Crest	27.26	27.43	0.17	Algae			
28/8/2025	S02 Crest	27.43	27.80	0.37	Rubble			
28/8/2025	S02 Crest	27.80	27.95	0.15	Sponge			
28/8/2025	S02 Crest	27.95	28.07	0.12	Rock			
28/8/2025	S02 Crest	28.07	28.40	0.33	Rubble			
28/8/2025	S02 Crest	28.40	29.60	1.20	Sand			
28/8/2025	S02 Crest	29.60	29.64	0.04	Algae	<i>Lithothamnion sp.</i>	NA	Algae
28/8/2025	S02 Crest	29.64	29.80	0.16	Rock			
28/8/2025	S02 Crest	29.80	30.30	0.50	Rock			

Appendix D - Intertidal and Subtidal Survey Data

Subtidal LIT Data

28/8/2025	S02 Crest	30.30	30.50	0.20	Algae	Sargassum sp.	NA	Seaweed
28/8/2025	S02 Crest	30.50	30.80	0.30	Sand			
28/8/2025	S02 Crest	30.80	31.30	0.50	Rubble			
28/8/2025	S02 Crest	31.30	32.70	1.40	Rubble			
28/8/2025	S02 Crest	32.70	34.10	1.40	Sand			
28/8/2025	S02 Crest	34.10	34.76	0.66	Algae	Bryopsis sp.	NA	Algae
28/8/2025	S02 Crest	34.76	35.35	0.59	Sand			
28/8/2025	S02 Crest	35.35	35.40	0.05	Rubble			
28/8/2025	S02 Crest	35.40	36.05	0.65	Sand			
28/8/2025	S02 Crest	36.05	37.40	1.35	Rubble			
28/8/2025	S02 Crest	37.40	37.47	0.07	Algae			
28/8/2025	S02 Crest	37.47	38.40	0.93	Sand			
28/8/2025	S02 Crest	38.40	39.68	1.28	Rubble			
28/8/2025	S02 Crest	39.68	39.92	0.24	Hard coral	Goniopora columna	Anemone Coral	Hard Coral
28/8/2025	S02 Crest	39.92	40.39	0.47	Algae			
28/8/2025	S02 Crest	40.39	40.40	0.01	Sponge			
28/8/2025	S02 Crest	40.40	40.43	0.03	Hard coral	Merulina ampliata	NA	Hard Coral
28/8/2025	S02 Crest	40.43	40.50	0.07	Sponge			
28/8/2025	S02 Crest	40.50	40.79	0.29	Hard coral	Favites chinensis	NA	Hard Coral
28/8/2025	S02 Crest	40.79	41.10	0.31	Rock			
28/8/2025	S02 Crest	41.10	41.17	0.07	Sand			
28/8/2025	S02 Crest	41.17	42.18	1.01	Hard coral	Pectinia paeonia	NA	Hard Coral
28/8/2025	S02 Crest	42.18	44.18	2.00	Rubble			
28/8/2025	S02 Crest	44.18	44.60	0.42	Sponge			
28/8/2025	S02 Crest	44.60	44.66	0.06	Sand			
28/8/2025	S02 Crest	44.66	44.82	0.16	Hard coral	Duncanopsammia peltata	Pagoda Coral	Hard Coral
28/8/2025	S02 Crest	44.82	45.60	0.78	Sand			
28/8/2025	S02 Crest	45.60	45.62	0.02	Algae			
28/8/2025	S02 Crest	45.62	45.68	0.06	Rock			
28/8/2025	S02 Crest	45.68	45.72	0.04	Algae			
28/8/2025	S02 Crest	45.72	50.00	4.28	Sand			
29/8/2025S	S03 Crest	0.00	0.50	0.50	Rubble			
29/8/2025S	S03 Crest	0.50	0.70	0.20	Algae			
29/8/2025S	S03 Crest	0.70	0.80	0.10	Hard coral	NA	NA	NA
29/8/2025S	S03 Crest	0.80	0.90	0.10	Algae			
29/8/2025S	S03 Crest	0.90	1.00	0.10	Sponge			
29/8/2025S	S03 Crest	1.00	1.10	0.10	Algae	NA	Family Gracilariaceae	NA
29/8/2025S	S03 Crest	1.10	1.40	0.30	Rock			
29/8/2025S	S03 Crest	1.40	1.60	0.20	Algae			
29/8/2025S	S03 Crest	1.60	2.00	0.40	Rubble			
29/8/2025S	S03 Crest	2.00	2.30	0.30	Sponge			
29/8/2025S	S03 Crest	2.30	2.40	0.10	Algae			

Appendix D - Intertidal and Subtidal Survey Data

Subtidal LIT Data

29/8/2025S	S03 Crest	2.40	2.90	0.50	Rock			
29/8/2025S	S03 Crest	2.90	3.30	0.40	Algae			
29/8/2025S	S03 Crest	3.30	4.10	0.80	Rubble			
29/8/2025S	S03 Crest	4.10	4.60	0.50	Rock			
29/8/2025S	S03 Crest	4.60	4.80	0.20	Rubble			
29/8/2025S	S03 Crest	4.80	5.00	0.20	Rock			
29/8/2025S	S03 Crest	5.00	6.00	1.00	Rubble			
29/8/2025S	S03 Crest	6.00	6.50	0.50	Rock			
29/8/2025S	S03 Crest	6.50	7.20	0.70	Algae	Sargassum sp.	NA	Seaweed
29/8/2025S	S03 Crest	7.20	8.30	1.10	Rubble			
29/8/2025S	S03 Crest	8.30	8.60	0.30	Rock			
29/8/2025S	S03 Crest	8.60	10.50	1.90	Rubble			
29/8/2025S	S03 Crest	10.50	10.70	0.20	Hard coral	NA	Unidentified Xestospongia	NA
29/8/2025S	S03 Crest	10.70	11.00	0.30	Rubble			
29/8/2025S	S03 Crest	11.00	11.60	0.60	Sponge	NA	Family Petrosiidae	NA
29/8/2025S	S03 Crest	11.60	11.70	0.10	Sponge			
29/8/2025S	S03 Crest	11.70	12.00	0.30	Rock			
29/8/2025S	S03 Crest	12.00	12.10	0.10	Sponge			
29/8/2025S	S03 Crest	12.10	12.80	0.70	Rubble			
29/8/2025S	S03 Crest	12.80	13.00	0.20	Algae	Bryopsis sp.	NA	Algae
29/8/2025S	S03 Crest	13.00	14.50	1.50	Rubble			
29/8/2025S	S03 Crest	14.50	15.00	0.50	Rock			
29/8/2025S	S03 Crest	15.00	19.30	4.30	Rubble			
29/8/2025S	S03 Crest	19.30	19.40	0.10	Hard coral	Favites pentagona	NA	Hard Coral
29/8/2025S	S03 Crest	19.40	20.00	0.60	Rubble			
29/8/2025S	S03 Crest	20.00	20.20	0.20	Rock			
29/8/2025S	S03 Crest	20.20	20.30	0.10	Algae	Sargassum sp.	NA	Seaweed
29/8/2025S	S03 Crest	20.30	21.70	1.40	Rubble			
29/8/2025S	S03 Crest	21.70	22.00	0.30	Other Fauna	<i>Diadema setosum</i>	NA	Urchin
29/8/2025S	S03 Crest	22.00	22.30	0.30	Sand			
29/8/2025S	S03 Crest	22.30	22.70	0.40	Rubble			
29/8/2025S	S03 Crest	22.70	23.10	0.40	Rock			
29/8/2025S	S03 Crest	23.10	24.00	0.90	Sand			
29/8/2025S	S03 Crest	24.00	24.50	0.50	Algae	Sargassum sp.	NA	Seaweed
29/8/2025S	S03 Crest	24.50	24.80	0.30	Sand			
29/8/2025S	S03 Crest	24.80	25.20	0.40	Rubble			
29/8/2025S	S03 Crest	25.20	26.00	0.80	Rock			
29/8/2025S	S03 Crest	26.00	26.10	0.10	Other Fauna	NA	Unidentified Gastropod	NA
29/8/2025S	S03 Crest	26.10	27.00	0.90	Sponge	Oceanapia sagittaria	Maiden's fan	Sea sponge
29/8/2025S	S03 Crest	27.00	30.00	3.00	Sand			
29/8/2025S	S03 Crest	30.00	32.30	2.30	Rubble			
29/8/2025S	S03 Crest	32.30	32.50	0.20	Algae	NA	Order Corallinales	Algae

Appendix D - Intertidal and Subtidal Survey Data

Subtidal LIT Data

29/8/2025S	S03 Crest	32.50	32.80	0.30	Sponge	NA	Unidentified Sponge sp. 5	NA
29/8/2025S	S03 Crest	32.80	33.00	0.20	Other Fauna	Phymanthus sp.	NA	Anemone
29/8/2025S	S03 Crest	33.00	33.20	0.20	Rock			
29/8/2025S	S03 Crest	33.20	33.70	0.50	Sand			
29/8/2025S	S03 Crest	33.70	34.50	0.80	Rubble			
29/8/2025S	S03 Crest	34.50	40.30	5.80	Sand			
29/8/2025S	S03 Crest	40.30	40.60	0.30	Rock			
29/8/2025S	S03 Crest	40.60	40.80	0.20	Sponge	Xestospongia testudinaria	Barrel Sponge	Sea sponge
29/8/2025S	S03 Crest	40.80	42.10	1.30	Rock			
29/8/2025S	S03 Crest	42.10	42.30	0.20	Hard coral	Dipsastraea speciosa	NA	Hard Coral
29/8/2025S	S03 Crest	42.30	42.40	0.10	Sponge	Haliclona sp.	NA	Hard Coral
29/8/2025S	S03 Crest	42.40	43.60	1.20	Rubble			
29/8/2025S	S03 Crest	43.60	44.00	0.40	Rubble			
29/8/2025S	S03 Crest	44.00	44.80	0.80	Rubble			
29/8/2025S	S03 Crest	44.80	45.30	0.50	Rock			
29/8/2025S	S03 Crest	45.30	45.40	0.10	Sponge	NA	Unidentified Sponge sp. 3	NA
29/8/2025S	S03 Crest	45.40	46.10	0.70	Rubble			
29/8/2025S	S03 Crest	46.10	46.40	0.30	Hard coral	Pectinia paeonia	NA	Hard Coral
29/8/2025S	S03 Crest	46.40	47.00	0.60	Rubble			
29/8/2025S	S03 Crest	47.00	48.00	1.00	Rock			
29/8/2025S	S03 Crest	48.00	48.50	0.50	Rubble			
29/8/2025S	S03 Crest	48.50	49.00	0.50	Other Fauna	Trochus maculatus	Turban snail	Gastropod
29/8/2025S	S03 Crest	49.00	50.00	1.00	Rock			
29/8/2025	S02 Slope	0.00	0.80	0.80	Sand			
29/8/2025	S02 Slope	0.80	1.60	0.80	Other Fauna	NA	Family Ellisellidae	NA
29/8/2025	S02 Slope	1.60	2.30	0.70	Sand			
29/8/2025	S02 Slope	2.30	5.80	3.50	Rock			
29/8/2025	S02 Slope	5.80	6.00	0.20	Other Fauna	NA	Family Ellisellidae	NA
29/8/2025	S02 Slope	6.00	10.10	4.10	Sand			
29/8/2025	S02 Slope	10.10	11.00	0.90	Hard coral	Lobophyllia corymbosa	Lobed Brain Coral	Hard Coral
29/8/2025	S02 Slope	11.00	18.00	7.00	Sand			
29/8/2025	S02 Slope	18.00	18.80	0.80	Hard coral	Echinophyllia echinoporoides	Red Stone Coral	Hard Coral
29/8/2025	S02 Slope	18.80	19.20	0.40	Sand			
29/8/2025	S02 Slope	19.20	19.40	0.20	Hard coral	Plesiastrea versipora	Pock-marked Coral	Hard Coral
29/8/2025	S02 Slope	19.40	21.30	1.90	Rubble			
29/8/2025	S02 Slope	21.30	21.60	0.30	Hard coral	Cyphastrea microphthalma	Meteor Corals	Hard Coral
29/8/2025	S02 Slope	21.60	22.60	1.00	Rubble			
29/8/2025	S02 Slope	22.60	23.00	0.40	Sand			
29/8/2025	S02 Slope	23.00	26.70	3.70	Rubble			
29/8/2025	S02 Slope	26.70	27.10	0.40	Hard coral	Mycedium elephantotus	NA	Hard Coral
29/8/2025	S02 Slope	27.10	29.70	2.60	Rubble			
29/8/2025	S02 Slope	29.70	30.00	0.30	Hard coral	Pectinia paeonia	NA	Hard Coral

Appendix D - Intertidal and Subtidal Survey Data

Subtidal LIT Data

29/8/2025	S02 Slope	30.00	30.70	0.70	Rock			
29/8/2025	S02 Slope	30.70	30.95	0.25	Sponge	Xestospongia testudinaria	Barrel Sponge	Sea sponge
29/8/2025	S02 Slope	30.95	31.90	0.95	Sand			
29/8/2025	S02 Slope	31.90	32.15	0.25	Hard coral	Porites lutea	NA	Hard Coral
29/8/2025	S02 Slope	32.15	32.80	0.65	Rubble			
29/8/2025	S02 Slope	32.80	32.90	0.10	Hard coral	Pachyseris speciosa	Castle Coral	Hard Coral
29/8/2025	S02 Slope	32.90	34.40	1.50	Rubble			
29/8/2025	S02 Slope	34.40	34.45	0.05	Sponge	Xestospongia testudinaria	Barrel Sponge	Sea sponge
29/8/2025	S02 Slope	34.45	35.75	1.30	Rubble			
29/8/2025	S02 Slope	35.75	35.90	0.15	Hard coral	Platygyra pini	NA	Hard Coral
29/8/2025	S02 Slope	35.90	37.20	1.30	Rubble			
29/8/2025	S02 Slope	37.20	37.30	0.10	Sponge	Xestospongia testudinaria	Barrel Sponge	Sea sponge
29/8/2025	S02 Slope	37.30	40.00	2.70	Sand			
29/8/2025	S02 Slope	40.00	40.50	0.50	Hard coral	Pavona explanulata	Peacock Coral	Hard Coral
29/8/2025	S02 Slope	40.50	45.10	4.60	Sand			
29/8/2025	S02 Slope	45.10	45.50	0.40	Hard coral	Platygyra lamellina	Lesser Valley Coral	Hard Coral
29/8/2025	S02 Slope	45.50	45.80	0.30	Sand			
29/8/2025	S02 Slope	45.80	46.50	0.70	Rock			
29/8/2025	S02 Slope	46.50	50.00	3.50	Rubble			
29/8/2025	S03 Slope	0.00	1.00	1.00	Hard coral	Montipora sp.	NA	Hard Coral
29/8/2025	S03 Slope	1.00	11.00	10.00	Rubble			
29/8/2025	S03 Slope	11.00	12.00	1.00	Rock			
29/8/2025	S03 Slope	12.00	16.40	4.40	Rubble			
29/8/2025	S03 Slope	16.40	17.10	0.70	Rock			
29/8/2025	S03 Slope	17.10	21.60	4.50	Rubble			
29/8/2025	S03 Slope	21.60	22.30	0.70	Rock			
29/8/2025	S03 Slope	22.30	28.20	5.90	Sand			
29/8/2025	S03 Slope	28.20	29.10	0.90	Rock			
29/8/2025	S03 Slope	29.10	34.80	5.70	Sand			
29/8/2025	S03 Slope	34.80	35.10	0.30	Rock			
29/8/2025	S03 Slope	35.10	50.00	14.90	Sand			
27/8/2025	S01 Crest	0.00	0.70	0.70	Algae		Turf and Sargassum sp.	
27/8/2025	S01 Crest	0.70	1.00	0.30	Rock			
27/8/2025	S01 Crest	1.00	1.40	0.40	Algae	Sargassum sp.	NA	Seaweed
27/8/2025	S01 Crest	1.40	1.70	0.30	Rubble			
27/8/2025	S01 Crest	1.70	1.90	0.20	Silt			
27/8/2025	S01 Crest	1.90	2.30	0.40	Hard coral	Cyphastrea serailia	NA	Hard Coral
27/8/2025	S01 Crest	2.30	2.50	0.20	Rubble			
27/8/2025	S01 Crest	2.50	2.60	0.10	Algae			
27/8/2025	S01 Crest	2.60	3.40	0.80	Silt			
27/8/2025	S01 Crest	3.40	3.70	0.30	Algae			
27/8/2025	S01 Crest	3.70	4.40	0.70	Silt			

Appendix D - Intertidal and Subtidal Survey Data

Subtidal LIT Data

27/8/2025	S01 Crest	4.40	4.70	0.30	Rubble			
27/8/2025	S01 Crest	4.70	4.90	0.20	Algae			
27/8/2025	S01 Crest	4.90	5.20	0.30	Hard coral	Favites sp.	NA	Hard Coral
27/8/2025	S01 Crest	5.20	5.50	0.30	Algae			
27/8/2025	S01 Crest	5.50	5.80	0.30	Sponge			
27/8/2025	S01 Crest	5.80	6.00	0.20	Rubble			
27/8/2025	S01 Crest	6.00	6.10	0.10	Algae			
27/8/2025	S01 Crest	6.10	6.30	0.20	Sponge			
27/8/2025	S01 Crest	6.30	6.80	0.50	Silt			
27/8/2025	S01 Crest	6.80	7.10	0.30	Sponge			
27/8/2025	S01 Crest	7.10	7.30	0.20	Rubble			
27/8/2025	S01 Crest	7.30	10.50	3.20	Silt			
27/8/2025	S01 Crest	10.50	13.20	2.70	Algae			
27/8/2025	S01 Crest	13.20	13.80	0.60	Silt			
27/8/2025	S01 Crest	13.80	14.50	0.70	Algae			
27/8/2025	S01 Crest	14.50	14.60	0.10	Silt			
27/8/2025	S01 Crest	14.60	15.00	0.40	Algae			
27/8/2025	S01 Crest	15.00	16.40	1.40	Silt			
27/8/2025	S01 Crest	16.40	16.70	0.30	Rock			
27/8/2025	S01 Crest	16.70	17.00	0.30	Algae			
27/8/2025	S01 Crest	17.00	18.00	1.00	Rubble			
27/8/2025	S01 Crest	18.00	19.50	1.50	Silt			
27/8/2025	S01 Crest	19.50	20.10	0.60	Algae			
27/8/2025	S01 Crest	20.10	20.30	0.20	Silt			
27/8/2025	S01 Crest	20.30	20.70	0.40	Algae			
27/8/2025	S01 Crest	20.70	25.40	4.70	Silt			
27/8/2025	S01 Crest	25.40	25.50	0.10	Algae			
27/8/2025	S01 Crest	25.50	26.00	0.50	Silt			
27/8/2025	S01 Crest	26.00	26.10	0.10	Algae			
27/8/2025	S01 Crest	26.10	27.50	1.40	Silt			
27/8/2025	S01 Crest	27.50	27.90	0.40	Algae			
27/8/2025	S01 Crest	27.90	28.10	0.20	Silt			
27/8/2025	S01 Crest	28.10	28.90	0.80	Algae			
27/8/2025	S01 Crest	28.90	29.60	0.70	Silt			
27/8/2025	S01 Crest	29.60	30.50	0.90	Soft coral			
27/8/2025	S01 Crest	30.50	31.10	0.60	Silt			
27/8/2025	S01 Crest	31.10	31.60	0.50	Algae			
27/8/2025	S01 Crest	31.60	31.70	0.10	Sponge			
27/8/2025	S01 Crest	31.70	34.20	2.50	Algae	Sargassum sp.	NA	Algae
27/8/2025	S01 Crest	34.20	34.30	0.10	Sponge			
27/8/2025	S01 Crest	34.30	38.80	4.50	Algae			
27/8/2025	S01 Crest	38.80	39.30	0.50	Rubble			

Appendix D - Intertidal and Subtidal Survey Data

Subtidal LIT Data

27/8/2025	S01 Crest	39.30	39.60	0.30	Sponge			
27/8/2025	S01 Crest	39.60	40.20	0.60	Algae	Sargassum sp.	NA	Algae
27/8/2025	S01 Crest	40.20	42.40	2.20	Sponge			
27/8/2025	S01 Crest	42.40	42.50	0.10	Hard coral	Turbinaria mesenterina	Vase Coral	Hard Coral
27/8/2025	S01 Crest	42.50	42.60	0.10	Algae	Sargassum sp.	NA	Algae
27/8/2025	S01 Crest	42.60	44.10	1.50	Silt			
27/8/2025	S01 Crest	44.10	44.40	0.30	Algae			
27/8/2025	S01 Crest	44.40	44.70	0.30	Silt			
27/8/2025	S01 Crest	44.70	44.90	0.20	Sponge			
27/8/2025	S01 Crest	44.90	45.50	0.60	Algae	Bryopsis sp.	NA	Algae
27/8/2025	S01 Crest	45.50	46.00	0.50	Silt			
27/8/2025	S01 Crest	46.00	46.80	0.80	Rubble			
27/8/2025	S01 Crest	46.80	50.00	3.20	Silt			
29/8/2025	S03 Slope	0.00	1.30	1.30	Rubble			
29/8/2025	S03 Slope	1.30	1.60	0.30	Algae	Lithothamnion sp.	NA	Algae
29/8/2025	S03 Slope	1.60	1.90	0.30	Silt			
29/8/2025	S03 Slope	1.90	3.00	1.10	Rubble			
29/8/2025	S03 Slope	3.00	4.30	1.30	Silt			
29/8/2025	S03 Slope	4.30	5.00	0.70	Rubble			
29/8/2025	S03 Slope	5.00	5.30	0.30	Silt			
29/8/2025	S03 Slope	5.30	5.50	0.20	Rubble			
29/8/2025	S03 Slope	5.50	5.70	0.20	Silt			
29/8/2025	S03 Slope	5.70	6.20	0.50	Rubble			
29/8/2025	S03 Slope	6.20	6.40	0.20	Silt			
29/8/2025	S03 Slope	6.40	7.30	0.90	Rubble			
29/8/2025	S03 Slope	7.30	7.70	0.40	Silt			
29/8/2025	S03 Slope	7.70	8.60	0.90	Rubble			
29/8/2025	S03 Slope	8.60	9.20	0.60	Silt			
29/8/2025	S03 Slope	9.20	10.00	0.80	Rubble			
29/8/2025	S03 Slope	10.00	10.20	0.20	Silt			
29/8/2025	S03 Slope	10.20	10.60	0.40	Rubble			
29/8/2025	S03 Slope	10.60	10.70	0.10	Sponge			
29/8/2025	S03 Slope	10.70	13.30	2.60	Rubble			
29/8/2025	S03 Slope	13.30	13.70	0.40	Silt			
29/8/2025	S03 Slope	13.70	16.20	2.50	Rubble			
29/8/2025	S03 Slope	16.20	16.50	0.30	Silt			
29/8/2025	S03 Slope	16.50	17.70	1.20	Rubble			
29/8/2025	S03 Slope	17.70	18.60	0.90	Silt			
29/8/2025	S03 Slope	18.60	19.80	1.20	Rubble			
29/8/2025	S03 Slope	19.80	20.30	0.50	Silt			
29/8/2025	S03 Slope	20.30	20.70	0.40	Other Fauna	Diadema sp.	NA	Urchin
29/8/2025	S03 Slope	20.70	21.40	0.70	Rubble			

Appendix D - Intertidal and Subtidal Survey Data

Subtidal LIT Data

29/8/2025	S03 Slope	21.40	21.50	0.10	Silt			
29/8/2025	S03 Slope	21.50	23.20	1.70	Rubble			
29/8/2025	S03 Slope	23.20	23.40	0.20	Sponge			
29/8/2025	S03 Slope	23.40	24.20	0.80	Rubble			
29/8/2025	S03 Slope	24.20	24.30	0.10	Silt			
29/8/2025	S03 Slope	24.30	25.50	1.20	Rubble			
29/8/2025	S03 Slope	25.50	26.20	0.70	Silt			
29/8/2025	S03 Slope	26.20	27.10	0.90	Rubble			
29/8/2025	S03 Slope	27.10	27.20	0.10	Algae	Lithothamnion sp.	NA	Algae
29/8/2025	S03 Slope	27.20	27.60	0.40	Silt			
29/8/2025	S03 Slope	27.60	27.70	0.10	Other Fauna	Diadema sp.	NA	Urchin
29/8/2025	S03 Slope	27.70	29.10	1.40	Rubble			
29/8/2025	S03 Slope	29.10	29.30	0.20	Rock			
29/8/2025	S03 Slope	29.30	29.70	0.40	Rubble			
29/8/2025	S03 Slope	29.70	30.00	0.30	Hard coral	Duncanopsammia peltata	Pagoda Coral	Hard Coral
29/8/2025	S03 Slope	30.00	30.20	0.20	Rubble			
29/8/2025	S03 Slope	30.20	30.40	0.20	Silt			
29/8/2025	S03 Slope	30.40	31.50	1.10	Rubble			
29/8/2025	S03 Slope	31.50	31.70	0.20	Other Fauna	Diadema sp.	NA	Urchin
29/8/2025	S03 Slope	31.70	32.20	0.50	Rubble			
29/8/2025	S03 Slope	32.20	32.30	0.10	Silt			
29/8/2025	S03 Slope	32.30	33.60	1.30	Rubble			
29/8/2025	S03 Slope	33.60	33.90	0.30	Other Fauna	Diadema sp.		Urchin
29/8/2025	S03 Slope	33.90	34.60	0.70	Rubble			
29/8/2025	S03 Slope	34.60	35.00	0.40	Silt			
29/8/2025	S03 Slope	35.00	36.70	1.70	Rubble	Diadema sp.	NA	Urchin
29/8/2025	S03 Slope	36.70	36.90	0.20	Other Fauna	NA	NA	NA
29/8/2025	S03 Slope	36.90	37.00	0.10	Rubble			
29/8/2025	S03 Slope	37.00	37.50	0.50	Silt			
29/8/2025	S03 Slope	37.50	38.20	0.70	Rubble			
29/8/2025	S03 Slope	38.20	38.50	0.30	Rock			
29/8/2025	S03 Slope	38.50	38.60	0.10	Sponge			
29/8/2025	S03 Slope	38.60	38.80	0.20	Rock			
29/8/2025	S03 Slope	38.80	39.10	0.30	Silt			
29/8/2025	S03 Slope	39.10	40.20	1.10	Rubble			
29/8/2025	S03 Slope	40.20	47.00	6.80	Silt			
29/8/2025	S03 Slope	47.00	47.10	0.10	Algae	Lithothamnion sp.	NA	Algae
29/8/2025	S03 Slope	47.10	47.20	0.10	Rock			
29/8/2025	S03 Slope	47.20	49.70	2.50	Rubble			
29/8/2025	S03 Slope	49.70	49.80	0.10	Algae	Bryopsis sp.	NA	Algae
29/8/2025	S03 Slope	49.80	50.00	0.20	Rubble			
29/8/2025	S03 Crest	0.00	0.90	0.90	Rubble			

Appendix D - Intertidal and Subtidal Survey Data

Subtidal LIT Data

29/8/2025	S03 Crest	0.90	1.00	0.10	Algae	Bryopsis sp.	NA	Algae
29/8/2025	S03 Crest	1.00	1.60	0.60	Rubble			
29/8/2025	S03 Crest	1.60	2.00	0.40	Rock			
29/8/2025	S03 Crest	2.00	2.10	0.10	Algae	Gracilaria sp.	NA	Protist
29/8/2025	S03 Crest	2.10	2.80	0.70	Rock			
29/8/2025	S03 Crest	2.80	3.20	0.40	Sand			
29/8/2025	S03 Crest	3.20	6.80	3.60	Rubble			
29/8/2025	S03 Crest	6.80	6.85	0.05	Algae	Gracilaria sp.	NA	Protist
29/8/2025	S03 Crest	6.85	6.90	0.05	Sponge			
29/8/2025	S03 Crest	6.90	7.10	0.20	Rubble			
29/8/2025	S03 Crest	7.10	7.15	0.05	Sponge			
29/8/2025	S03 Crest	7.15	7.40	0.25	Rubble			
29/8/2025	S03 Crest	7.40	8.60	1.20	Sand			
29/8/2025	S03 Crest	8.60	9.50	0.90	Rock			
29/8/2025	S03 Crest	9.50	9.70	0.20	Sand			
29/8/2025	S03 Crest	9.70	10.40	0.70	Rubble			
29/8/2025	S03 Crest	10.40	11.10	0.70	Rock			
29/8/2025	S03 Crest	11.10	11.70	0.60	Sponge			
29/8/2025	S03 Crest	11.70	12.70	1.00	Rubble			
29/8/2025	S03 Crest	12.70	13.70	1.00	Sand			
29/8/2025	S03 Crest	13.70	14.00	0.30	Rubble			
29/8/2025	S03 Crest	14.00	14.10	0.10	Sand			
29/8/2025	S03 Crest	14.10	16.00	1.90	Rubble			
29/8/2025	S03 Crest	16.00	17.10	1.10	Sand			
29/8/2025	S03 Crest	17.10	17.40	0.30	Rubble			
29/8/2025	S03 Crest	17.40	17.50	0.10	Algae	Sargassum sp.	NA	Algae
29/8/2025	S03 Crest	17.50	21.20	3.70	Rubble			
29/8/2025	S03 Crest	21.20	22.10	0.90	Sponge			
29/8/2025	S03 Crest	22.10	25.00	2.90	Rubble			
29/8/2025	S03 Crest	25.00	25.10	0.10	Sponge			
29/8/2025	S03 Crest	25.10	26.40	1.30	Rock			
29/8/2025	S03 Crest	26.40	26.60	0.20	Sand			
29/8/2025	S03 Crest	26.60	28.10	1.50	Algae	Lithothamnion sp.	NA	Algae
29/8/2025	S03 Crest	28.10	29.20	1.10	Rock			
29/8/2025	S03 Crest	29.20	29.30	0.10	Algae	Lithothamnion sp.	NA	Algae
29/8/2025	S03 Crest	29.30	29.50	0.20	Rubble			
29/8/2025	S03 Crest	29.50	29.70	0.20	Algae	Lithothamnion sp.		Algae
29/8/2025	S03 Crest	29.70	29.80	0.10	Sponge			
29/8/2025	S03 Crest	29.80	30.30	0.50	Rubble			
29/8/2025	S03 Crest	30.30	31.50	1.20	Rock			
29/8/2025	S03 Crest	31.50	31.60	0.10	Algae	Gracilaria sp.	NA	Protist
29/8/2025	S03 Crest	31.60	33.50	1.90	Rubble			

Appendix D - Intertidal and Subtidal Survey Data

Subtidal LIT Data

29/8/2025	S03 Crest	33.50	33.90	0.40	Rock			
29/8/2025	S03 Crest	33.90	35.30	1.40	Sand			
29/8/2025	S03 Crest	35.30	35.70	0.40	Algae	Bryopsis sp.		Algae
29/8/2025	S03 Crest	35.70	36.70	1.00	Rubble			
29/8/2025	S03 Crest	36.70	37.00	0.30	Algae	Bryopsis sp.	NA	Algae
29/8/2025	S03 Crest	37.00	39.90	2.90	Rubble			
29/8/2025	S03 Crest	39.90	40.00	0.10	Algae	Bryopsis sp.	NA	Algae
29/8/2025	S03 Crest	40.00	40.20	0.20	Rubble			
29/8/2025	S03 Crest	40.20	40.30	0.10	Algae	Bryopsis sp.	NA	Algae
29/8/2025	S03 Crest	40.30	46.40	6.10	Sand			
29/8/2025	S03 Crest	46.40	46.50	0.10	Algae	Lithothamnion sp.		Algae
29/8/2025	S03 Crest	46.50	46.70	0.20	Rubble			
29/8/2025	S03 Crest	46.70	47.80	1.10	Sponge			
29/8/2025	S03 Crest	47.80	48.40	0.60	Rubble			
29/8/2025	S03 Crest	48.40	48.60	0.20	Algae	Lithothamnion sp.	NA	Algae
29/8/2025	S03 Crest	48.60	50.00	1.40	Rubble			

Appendix D - Intertidal and Subtidal Survey Data

Study Area Species list

Type	Scientific name	Common name	Global status	National status	Threatened
Algae	<i>Avrainvillea sp.</i>	NA	NA	NA	NA
Algae	<i>Bryopsis sp.</i>	Bryopsis	NA	Not Evaluated	NA
Algae	<i>Caulerpa microphysa</i>	NA	NA	NA	NA
Algae	<i>Chaetomorpha sp.</i>	NA	NA	NA	NA
Algae	<i>Enteromorpha sp.</i>	NA	NA	NA	NA
Algae	<i>Gracilaria gracilis</i>	NA	NA	NA	NA
Algae	<i>Gracilaria sp.</i>	NA	NA	NA	No
Algae	<i>Halymenia sp.</i>	NA	NA	Not Evaluated	No
Algae	<i>Hypnea sp.</i>	NA	NA	NA	NA
Algae	<i>Jania sp.</i>	NA	NA	NA	NA
Algae	<i>Lithothamnion sp.</i>	Coralline algae	NA	NA	NA
Algae	NA	Unidentified Udoteaceae	NA	NA	NA
Algae	<i>Neomeris sp.</i>	NA	NA	NA	NA
Algae	<i>Padina sp.</i>	NA	NA	NA	NA
Algae	<i>Sargassum sp.</i>	Sargassum	NA	NA	NA
Amphipod	NA	Unidentified Amphipod	NA	NA	NA
Anemone	<i>Anemone sp. 1</i>	NA	NA	NA	NA
Anemone	<i>Anemone sp. 2</i>	NA	NA	NA	NA
Anemone	<i>Anthopleura sp.</i>	Unidentified Banded bead anemone	NA	NA	NA
Anemone	<i>Edwardsiidae sp.</i>	NA	NA	NA	NA
Anemone	NA	Unidentified Ceriantharia	NA	NA	NA
Anemone	<i>Phymanthus pinnulatus</i>	Banded Frilly Anemone/ Frilly Anemone/ Plain Frilly Anemone/ Sand Anemone/ Smooth Anemone	Not Listed	Least Concern	No
Anemone	<i>Phymanthus sp.</i>	Unidentified Frilly anemone	NA	NA	NA
Anemone	<i>Stichodactyla gigantea</i>	Giant carpet anemone	Not Listed	Least Concern	NA
Anemone	<i>Stichodactyla mertensii</i>	Merten's Carpet anemone	Not Listed	Endangered	Yes
Annelida	<i>Sipuncula sp.</i>	Unidentified Peanut worm	NA	NA	NA
Anthozoa	NA	Unidentified Corallimorph	NA	NA	NA
Anthozoa	NA	Unidentified Zoantharia	NA	NA	NA
Barnacle	<i>Tetraclita sp.</i>	Volcano barnacle	NA	NA	NA
Bird	<i>Accipiter trivirgatus</i>	Crested goshawk	Least Concern	Near Threatened	NA
Bird	<i>Actitis hypoleucos</i>	Common sandpiper	Least Concern	Vulnerable	Yes
Bird	<i>Butorides atricapilla</i>	Little heron	Least Concern	Near Threatened	NA
Bird	<i>Cinnyris ornatus</i>	Ornate sunbird	Least Concern	Least Concern	NA
Bird	<i>Corvus macrorhynchos</i>	Large-billed crow	Least Concern	Vulnerable	Yes
Bird	<i>Corvus splendens</i>	House crow	Least Concern	NA	NA
Bird	<i>Haliastur indus</i>	Brahminy kite	Least Concern	Least Concern	NA
Bird	<i>Pavo cristatus</i>	Indian peafowl	Least Concern	NA	NA
Bird	<i>Sternula albifrons</i>	Little tern	Least Concern	Endangered	Yes
Bird	<i>Todiramphus chloris</i>	Collared kingfisher	Least Concern	Least Concern	NA
Bivalve	<i>Acar plicata</i>	NA	Not Listed	Not Evaluated	NA
Bivalve	<i>Barbatia amygdalumtostum</i>	Burnt-almond ark	Not Listed	Least Concern	NA
Bivalve	<i>Clam sp. 1</i>	Unidentified Clam	NA	NA	NA
Bivalve	<i>Cyclotellina remies</i>	NA	Not Listed	Not Evaluated	NA
Bivalve	<i>Dentimodiolus sp.</i>	NA	NA	NA	NA
Bivalve	<i>Gafrarium dispar</i>	NA	Not Listed	Not Evaluated	NA
Bivalve	<i>Isognomon isognomum</i>	Wader tree oyster	Not Listed	Least Concern	NA
Bivalve	NA	Unidentified Oyster	NA	NA	NA
Bivalve	<i>Pedum spondyloideum</i>	Coral scallop	Not Listed	Data Deficient	No
Bivalve	<i>Periglypta lacerata</i>	NA	NA	NA	NA
Bivalve	<i>Vesticardium sp.</i>	NA	NA	NA	NA

Appendix D - Intertidal and Subtidal Survey Data

Study Area Species list

Brittle star	NA	Unidentified Brittle star	NA	NA	NA
Brittle star	<i>Ophiuroidea sp.</i>	NA	NA	NA	NA
Cephalopod	<i>Idiosepius sp.</i>	Unidentified Pygmy squid	NA	NA	NA
Cephalopod	<i>Octopodidae sp.</i>	Unidentified Octopus	NA	NA	NA
Crab	<i>Atergatis floridus</i>	Green egg crab/ Floral egg crab	Not Listed	Vulnerable	Yes
Crab	<i>Atergatis integerrimus</i>	Red egg crab	Not Listed	Near Threatened	NA
Crab	<i>Aulacolambus granulosis</i>	Elbow crab	Not Listed	Data Deficient	NA
Crab	<i>Charybdis annulata</i>	NA	Not Listed	Not Evaluated	NA
Crab	<i>Eriphia ferox</i>	Red eyed reef crab	Not Listed	Vulnerable	Yes
Crab	<i>Leptodius sp.</i>	Spoon pincer crab	NA	NA	NA
Crab	<i>Lophozozymus pictor</i>	Mosaic reef crab	Not Listed	Near Threatened	NA
Crab	<i>Metopograpsus frontalis</i>	Purple climber crab	Not Listed	Not Evaluated	NA
Crab	<i>Metopograpsus frontalis cf.</i>	NA	NA	NA	NA
Crab	NA	Unidentified Porcelain crab	NA	NA	NA
Crab	<i>Ozium guttatus</i>	Spotted-belly forceps crab	Not Listed	Not Evaluated	NA
Crab	<i>Pilodius sp.</i>	Pilodius rock crab	NA	NA	NA
Crab	<i>Pilumnus vespertilio</i>	Hairy crab/ bad hair day crab	Not Listed	Not Evaluated	NA
Crab	<i>Portunus pelagicus</i>	Flower crab	Not Listed	Not Evaluated	NA
Crab	<i>Thalamita prymna</i>	Blue-spined swimming crab	Not Listed	Not Evaluated	NA
Crab	<i>Thalamita sp.</i>	Mottled swimming crab	NA	NA	NA
Crab	<i>Thalamita spinimana</i>	Spiny claw swimming crab/ Red swimming crab	Not Listed	Not Evaluated	NA
Feather star	NA	Unidentified Crinoidea	NA	NA	NA
Fish	<i>Acentrogobius sp.</i>	False green-shouldered goby	NA	NA	No
Fish	<i>Acentrogobius sp. 1</i>	NA	NA	NA	NA
Fish	<i>Acentrogobius sp. 2</i>	NA	NA	NA	NA
Fish	<i>Acreichthys tomentosus</i>	Seagrass filefish/ Bristletail filefish	Least Concern	Near Threatened	NA
Fish	<i>Amblygobius stethophthalmus</i>	Head-stripe goby/ Headstripe blunthead-goby	Least Concern	Least Concern	No
Fish	<i>Apogonichthyoides melas</i>	Black cardinalfish	Least Concern	Near Threatened	NA
Fish	<i>Ariidae sp.</i>	Unidentified Catfish	NA	NA	NA
Fish	<i>Arothron reticularis</i>	Reticulated pufferfish	Least Concern	Vulnerable	Yes
Fish	<i>Bathygobius sp.</i>	Unidentified Goby	NA	NA	NA
Fish	<i>Centrogenys vaigiensis</i>	False scorpionfish	Not Listed	Least Concern	NA
Fish	<i>Cephalopholis argus</i>	Peacock hind	Least Concern	Vulnerable	Yes
Fish	<i>Cephalopholis boenak</i>	Chocolate hind/ indian grouper	Least Concern	Least Concern	No
Fish	<i>Cephalopholis formosa</i>	Blue-lined hind	Least Concern	Vulnerable	Yes
Fish	<i>Chelmon rostratus</i>	Copperband butterflyfish	Least Concern	Least Concern	NA
Fish	<i>Cryptocentrus cinctus</i>	Yellow shrimp goby	Least Concern	Vulnerable	Yes
Fish	<i>Dascyllus trimaculatus</i>	Threespot dascyllus	Least Concern	Data Deficient	Yes
Fish	<i>Dinematichthys ilucoeteoides</i>	Yellow cuskeel	Least Concern	Not Evaluated	NA
Fish	<i>Dischistodus prosopotaenia</i>	Honey-head damsel	Least Concern	Near Threatened	No
Fish	<i>Epinephelus erythrurus</i>	Cloudy grouper	Least Concern	Vulnerable	Yes
Fish	<i>Epinephelus sp.</i>	Unidentified Grouper	NA	NA	NA
Fish	<i>Exyrias belissimus</i>	Barred highfin-goby	Least Concern	Least Concern	No
Fish	<i>Halichoeres bicolor</i>	Brown stripe wrasse/ Pearly-spotted wrasse	Least Concern	Least Concern	No
Fish	<i>Hyporhamphus quoyi</i>	Quoy's halfbeak/ Quoy's garfish	Least Concern	Least Concern	NA
Fish	<i>Istigobius goldmanni</i>	Black-spotted lagoon-goby/ Goldmann's lagoon-goby	Least Concern	Least Concern	No
Fish	<i>Istigobius ornatus</i>	Ornate lagoon-goby/ ornate goby	Least Concern	Least Concern	NA
Fish	<i>Istigobius sp.</i>	Unidentified Sandgoby	NA	NA	NA
Fish	<i>Lethrinus harak</i>	NA	Least Concern	NA	NA
Fish	<i>Lutjanus lutjanus</i>	Bigeye snapper	Least Concern	Vulnerable	Yes
Fish	<i>Mugilidae sp.</i>	Unidentified Mullet	NA	NA	NA

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Study Area Species list

Fish	NA	Unidentified Halfbeak	NA	NA	NA
Fish	NA	Unidentified Labridae	NA	NA	NA
Fish	NA	Unidentified Syngnathidae	NA	NA	NA
Fish	NA	Unidentified Trichonotidae	NA	NA	NA
Fish	<i>Neopomacentrus bankieri</i>	Chinese demoiselle	Least Concern	Least Concern	No
Fish	<i>Ostorhinchus endekataenia</i>	Candystripe cardinalfish	Least Concern	Least Concern	No
Fish	<i>Ostorhinchus margaritophorus</i>	Chequered cardinalfish/ Red-striped cardinalfish	Not Listed	Least Concern	No
Fish	<i>Parapercis xanthozona</i>	Yellow-barred sandperch	Least Concern	Near Threatened	No
Fish	<i>Parascorpaena picta</i>	Painted scorpionfish	Data Deficient	Near Threatened	NA
Fish	<i>Pentapodus setosus</i>	Butterfly whiptail	Least Concern	Least Concern	No
Fish	<i>Periophthalmus chrysopilus</i>	Gold-spotted mudskipper/ Golden-spotted mudskipper	Least Concern	Vulnerable	Yes
Fish	<i>Plectorhinchus chrysotaenia</i>	Yellow-striped sweetlips	Not Listed	Endangered	Yes
Fish	<i>Plectorhinchus gibbosus</i>	Brown sweetlips/ Harry hotlips	Least Concern	Vulnerable	Yes
Fish	<i>Pleuronectiformes sp.</i>	Unidentified Flatfish	NA	NA	NA
Fish	<i>Plotosus canius</i>	Black eeltail catfish/ Gray eel-catfish	Not Listed	Least Concern	NA
Fish	<i>Pomacentrus tripunctatus</i>	Three-spot damselfish/ three-spot damsel	Least Concern	Least Concern	No
Fish	<i>Scolecenchelys macroptera</i>	Narrow worm-eel	Least Concern	Data Deficient	NA
Fish	<i>Scolopsis sp.</i>	NA	NA	NA	NA
Fish	<i>Scomberoides Commersonianus</i>	Talang queenfish	Least Concern	Endangered	Yes
Fish	<i>Taeniura lymma</i>	Blue-spotted fantail ray	Least Concern	Vulnerable	Yes
Fish	<i>Upeneus tragula</i>	Freckled goatfish	Least Concern	Near Threatened	No
Flatworm	<i>Pseudoceros sp.</i>	NA	NA	NA	NA
Gastropod	<i>Acanthopleura gemmata</i>	Jewelled chiton/ Gemmate chiton	Not Listed	Near Threatened	NA
Gastropod	<i>Arakawania musiva</i>	NA	NA	NA	NA
Gastropod	<i>Canarium urceus</i>	Black-lipped conch/ Little bear conch/ Siput gonggong [Malay]/ Gonggong [Malay]/ Gonggong jantan[Malay]	Not Listed	Least Concern	NA
Gastropod	<i>Cerithium dialeucum</i>	NA	Not Listed	Not Evaluated	NA
Gastropod	<i>Cerithium zonatum</i>	NA	Not Listed	Least Concern	NA
Gastropod	<i>Chicoreus brunneus</i>	Burnt murex/ Adustamurex	Not Listed	Least Concern	NA
Gastropod	<i>Clypeomorus batillariaeformis</i>	NA	Not Listed	Not Evaluated	NA
Gastropod	<i>Clypeomorus petrosa</i>	Stony cerith	NA	NA	NA
Gastropod	<i>Dermatobranchus sp.</i>	NA	NA	NA	NA
Gastropod	<i>Doriprismatica atomarginata</i>	Cheesecake nudibranch	Not Listed	Not Evaluated	No
Gastropod	<i>Drupella margariticola</i>	Shouldered castor bean	Not Listed	Least Concern	NA
Gastropod	<i>Ecologavena quadrimaculata</i>	Four-spotted cowrie	Not Listed	Near Threatened	NA
Gastropod	<i>Erronea erroneus</i>	Wandering cowrie	Not Listed	Least Concern	NA
Gastropod	<i>Euplica scripta</i>	Lettered dove shell	Not Listed	Least Concern	NA
Gastropod	<i>Mauritia arabica</i>	Arabian cowrie	Not Listed	Least Concern	No
Gastropod	<i>Murex trapa</i>	Rare-spinned murex	Not Listed	Least Concern	No
Gastropod	<i>Murichorda rumphiusi</i>	Rumphius drupe	Not Listed	Not Evaluated	NA
Gastropod	NA	Unidentified Cerithiidae	NA	NA	NA
Gastropod	NA	Unidentified Limpet	NA	NA	NA
Gastropod	NA	Unidentified Moon snail	NA	NA	NA
Gastropod	<i>Nassarius crenoliratus</i>	NA	Not Listed	Not Evaluated	NA
Gastropod	<i>Nassarius limnaeiformis</i>	Speckled whelk	Not Listed	Not Evaluated	NA
Gastropod	<i>Naticarius hainanensis</i>	Moon snail	NA	NA	NA
Gastropod	<i>Nerita histrio</i>	Scaled nerite/ Scaly nerite	Not Listed	Least Concern	NA
Gastropod	<i>Nerita undata</i>	Waved nerite	Not Listed	Not Evaluated	NA
Gastropod	<i>Oliva sp.</i>	Unidentified Olive snails	NA	NA	NA
Gastropod	<i>Pardalinops testudinarius</i>	Turtle dove snail	Not Listed	Least Concern	NA
Gastropod	<i>Phyllidiella pustulosa</i>	Pustuolseed phyllid nudibranch	Not Listed	Not Evaluated	No
Gastropod	<i>Pictocolumbella ocellata</i>	Lightning dove shell	Not Listed	Least Concern	NA

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Gastropod	<i>Placida sp.</i>	Unidentified Sea slug	NA	NA	NA
Gastropod	<i>Planaxis sulcatus</i>	Planaxis snail/ Furrowed clusterwink	Not Listed	Least Concern	NA
Gastropod	<i>Polinices mammilla</i>	Oval moon snail/ Pear-shaped moon	Not Listed	Least Concern	NA
Gastropod	<i>Pollia fumosa</i>	Smoky goblet	Not Listed	Least Concern	NA
Gastropod	<i>Reishia bitubercularis</i>	Bituberculate rock shell	Not Listed	Least Concern	NA
Gastropod	<i>Rhinoclavis sinensis</i>	Obelisk vertagus	Not Listed	Least Concern	NA
Gastropod	<i>Rochia maxima</i>	Giant top shell snail	Not Listed	Least Concern	NA
Gastropod	<i>Trochus maculatus</i>	Turban snail	Not Listed	Least Concern	NA
Gastropod	<i>Turbo articulatus</i>	NA	NA	NA	NA
Hard Coral	<i>Turbinaria sp.</i>	NA	NA	NA	No
Hard Coral	<i>Bernardopora stutchburyi</i>	Anemone Coral	NA	Least Concern	No
Hard Coral	<i>Caulastraea echinulata</i>	NA	Endangered	Near threatened	Yes
Hard Coral	<i>Coelastrea aspera</i>	NA	Least Concern	Least Concern	NA
Hard Coral	<i>Cyphastrea microphthalma</i>	Meteor Corals	NA	Least Concern	NA
Hard Coral	<i>Cyphastrea serailia</i>	NA	Least Concern	Least Concern	NA
Hard Coral	<i>Diploastrea heliopora</i>	Double-star Coral	Least Concern	Least Concern	No
Hard Coral	<i>Dipsastraea lizardensis</i>	NA	Endangered	Least Concern	Yes
Hard Coral	<i>Dipsastraea speciosa</i>	NA	Least Concern	Least Concern	NA
Hard Coral	<i>Duncanopsammia peltata</i>	Pagoda Coral	Least Concern	Least Concern	No
Hard Coral	<i>Echinophyllia echinoporoides</i>	Red Stone Coral	Least Concern	Least Concern	No
Hard Coral	<i>Favites chinensis</i>	NA	Least Concern	Least Concern	NA
Hard Coral	<i>Favites colemani</i>	NA	Least Concern	Data Deficient	NA
Hard Coral	<i>Favites magnistellata</i>	NA	NA	Near threatened	No
Hard Coral	<i>Favites pentagona</i>	NA	NA	Least Concern	No
Hard Coral	<i>Fungia fungites</i>	Common Mushroom	Least Concern	Least Concern	No
Hard Coral	<i>Fungia sp.</i>	NA	NA	NA	NA
Hard Coral	<i>Goniastrea edwardsi</i>	NA	Least Concern	Least Concern	NA
Hard Coral	<i>Goniastrea favulus</i>	NA	Least Concern	Least Concern	NA
Hard Coral	<i>Goniastrea retiformis</i>	NA	Least Concern	Least Concern	NA
Hard Coral	<i>Goniopora columna</i>	Anemone Coral	Least Concern	Least Concern	No
Hard Coral	<i>Goniopora lobata</i>	Flowerpot True Red Coral	Least Concern	Least Concern	No
Hard Coral	<i>Goniopora somaliensis</i>	NA	Least Concern	Data Deficient	No
Hard coral	<i>Heliopora coerulea</i>	Blue Coral	Least Concern	Least Concern	NA
Hard Coral	<i>Hydnophora grandis</i>	Spine Coral	Data Deficient	Near threatened	NA
Hard Coral	<i>Hydnophora microconos</i>	NA	NA	Data Deficient	No
Hard Coral	<i>Leptastraea transversa</i>	NA	NA	NA	NA
Hard Coral	<i>Lithophyllon scabra</i>	NA	Least Concern	Least Concern	No
Hard Coral	<i>Lobophyllia corymbosa</i>	Lobed Brain Coral	NA	Least Concern	NA
Hard Coral	<i>Lobophyllia hemprichii</i>	Lobed Brain Coral	Endangered	Least Concern	Yes
Hard Coral	<i>Lobophyllia radians</i>	Grooved Brain Coral	Least Concern	Least Concern	No
Hard Coral	<i>lobophyllia recta</i>	Grooved brain coral	Least Concern	Least Concern	NA
Hard Coral	<i>Merulina ampliata</i>	NA	NA	Least Concern	No
Hard Coral	<i>Montipora sp.</i>	NA	NA	NA	NA
Hard Coral	<i>Mycedium elephantotus</i>	NA	Least Concern	Least Concern	No
Hard Coral	<i>Pachyseris speciosa</i>	Castle Coral	Least Concern	Least Concern	No
Hard Coral	<i>Pavona explanulata</i>	Peacock Coral	NA	Least Concern	No
Hard Coral	<i>Pectinia paeonia</i>	NA	Least Concern	Least Concern	No
Hard Coral	<i>Platygyra daedalea</i>	Brain coral	Least Concern	Least Concern	NA
Hard Coral	<i>Platygyra lamellina</i>	Lesser Valley Coral	Least Concern	Vulnerable	Yes

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Hard Coral	<i>Platygyra pini</i>	NA	Least Concern	Least Concern	NA
Hard Coral	<i>Platygyra ryukyuensis</i>	Maze brain coral	Least Concern	Data Deficient	NA
Hard Coral	<i>Platygyra sinensis</i>	NA	Least Concern	Least Concern	NA
Hard Coral	<i>Plerogyra sinuosa</i>	Pearl Bubble Coral	Least Concern	Vulnerable	Yes
Hard Coral	<i>Plesiastraea versipora</i>	Pock-marked Coral	NA	Data Deficient	No
Hard Coral	<i>Podabacia crustacea</i>	Bracket Mushroom Coral	Least Concern	Least Concern	No
Hard coral	<i>Porites lutea</i>	NA	Least Concern	Least Concern	NA
Hard Coral	<i>Psammocora nierstraszi</i>	Boulder Sandpaper Coral	Vulnerable	Vulnerable	Yes
Hard Coral	<i>Psammocora sp.</i>	NA	NA	NA	NA
Hard Coral	<i>Turbinaria frondens</i>	Yellow cup coral	Least Concern	Least Concern	NA
Hard Coral	<i>Turbinaria mesenterina</i>	Vase Coral	Least Concern	Least Concern	No
Hermit crab	<i>Dardanus lagopodes</i>	Hairy red hermit crab	Not Listed	Not Evaluated	NA
Hermit crab	<i>Diogenes sp.</i>	Tidal hermit crab	NA	NA	NA
Hermit crab	<i>Infraorder Anomura</i>	Unidentified Hermit crab	NA	NA	NA
Hermit crab	NA	Unidentified Hermit crab	NA	NA	NA
Hydrozoa	<i>Macrorhynchia sp</i>	NA	NA	NA	NA
Isopod	<i>Ligia sp.</i>	Sea slater	NA	NA	NA
Isopod	NA	Unidentified Isopoda	NA	NA	NA
Nemertea	NA	Unidentified Nemertea	NA	NA	NA
Non- lizard	<i>Varanus salvator</i>	Water monitor	Least Concern	Least Concern	NA
Non- mammal	<i>Lutrogale perspicillata</i>	Smooth-coated otter	Vulnerable	Endangered	Yes
Polychaete	<i>Eunice sp.</i>	Unidentified Eunicidae	NA	NA	NA
Polychaete	<i>Sabellidae sp.</i>	Fan worm	NA	NA	NA
Sand dollar	<i>Afrocucumis africana</i>	Little African sea cucumber	Not Listed	Vulnerable	Yes
Sea cucumber	<i>Holothuria leucospilota</i>	Black long sea cucumber	Least Concern	Endangered	Yes
Sea cucumber	NA	Unidentified Holothuroidea	NA	NA	NA
Sea star	<i>Himerometra robustipinna</i>	Red feather star	Not Listed	Least Concern	No
Sea urchin	<i>Diadema setosum</i>	Long-spined black sea urchin	Not Listed	Not Evaluated	No
Seagrass	<i>Enhalus acoroides</i>	Tape Seagrass	Least Concern	Critically Endangered	Yes
Seagrass	<i>Halodule uninervis</i>	Needle Seagrass	Least Concern	Endangered	Yes
Seagrass	<i>Halophila ovalis</i>	Spoon Seagrass	Least Concern	Least Concern	NA
Seagrass	<i>Thalassia hemprichii</i>	Sickle Seagrass	Least Concern	Endangered	Yes
Shrimp	<i>Alpheus sp.</i>	Unidentified Snapping shrimp	NA	NA	NA
Shrimp	<i>cf Cryptocentrus cyanospilotus</i>	NA	NA	NA	NA
Shrimp	<i>Corallianassa sp.</i>	Unidentified Coral ghost shrimp	NA	NA	NA
Shrimp	NA	Unidentified Mantis shrimp	NA	NA	NA
Shrimp	<i>Palaemon sp.</i>	Glass shrimp	NA	NA	NA
Shrimp	<i>Periclimenes sp.</i>	Commensal shrimp	NA	NA	NA
Shrimp	<i>Unidentified Alpheidae</i>	Snapping shrimp	NA	NA	NA
Soft coral	<i>Cladiella sp.</i>	Unidentified Soft coral	NA	NA	NA
Soft Coral	<i>Ctenocella pectinata</i>	NA	NA	NA	NA
Soft Coral	<i>Dichotella gemmacea</i>	Asparagus sea fan	NA	NA	NA
Soft Coral	<i>Echinogorgia sp.</i>	NA	NA	NA	NA
Soft Coral	<i>Euplexaura sp.</i>	Unidentified Sea fan	NA	NA	NA
Soft Coral	<i>Family Octocorallia</i>	NA	NA	NA	NA
Soft Coral	<i>Junceella sp.</i>	NA	NA	NA	NA
Soft Coral	<i>Klyxum sp.</i>	NA	NA	NA	NA
Soft coral	<i>Sarcophyton sp.</i>	Unidentified Omelette leathery soft coral	NA	NA	NA
Soft coral	<i>Sinularia sp.</i>	Unidentified Smooth leathery soft coral	NA	NA	NA
Soft coral	<i>Stereonephthya sp.</i>	Unidentified Spiky flowery soft coral	NA	NA	NA
Spider	<i>Desis martensi</i>	Von Martens' reef spider	Not Listed	Vulnerable	Yes

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Sponge	<i>Amorphinopsis excavans</i>	NA	Not Listed	Least Concern	NA
Sponge	<i>Ancorina sp.</i>	Unidentified Sponge	NA	NA	NA
Sponge	<i>cf. Chondrilla australiensis</i>	NA	NA	NA	NA
Sponge	<i>cf. Clathria reinwardti</i>	NA	NA	NA	NA
Sponge	<i>cf. Xestospongia testudinaria</i>	NA	NA	NA	No
Sponge	<i>Chondrilla australiensis</i>	Melting chocolate porifera	Not Listed	Least Concern	NA
Sponge	<i>Gelliodes fibulata</i>	NA	Not Listed	Least Concern	No
Sponge	<i>Haliclona cf. baeri</i>	NA	NA	NA	No
Sponge	<i>Lendenfeldia cf. chondrodes</i>	NA	NA	NA	NA
Sponge	<i>Mycale sp.</i>	Unidentified Sponge	NA	NA	NA
Sponge	NA	Unidentified Black bath sponge	NA	NA	NA
Sponge	NA	Unidentified Sponge sp. 1	NA	NA	NA
Sponge	NA	Unidentified Sponge sp. 2	NA	NA	NA
Sponge	<i>Neopetrosia sp.</i>	Blue jorunna sponge	NA	NA	No
Sponge	<i>Oceanapia sagittaria</i>	Maiden's fan	Not Listed	Least Concern	No
Sponge	<i>Spheciospongia sp.</i>	Yellow many-coned sponge	NA	NA	No
Sponge	<i>Xestospongia sp.</i>	Unidentified Barrel sponge	NA	Least Concern	No
Sponge	<i>Xestospongia testudinaria</i>	Barrel Sponge	Not Listed	Least Concern	No
Tunicate	<i>Diplosoma sp.</i>	Green gum drop ascidians	NA	NA	NA
Tunicate	<i>Eudistoma sp.</i>	Unidentified Bead ascidians	NA	NA	NA
Tunicate	<i>Polycarpa sp.</i>	Thumbs-up sea squirt (solitary)	NA	NA	No
Tunicate	<i>Rhopalaea sp.</i>	NA	NA	NA	NA



Appendix E: Habitat Impact Assessment



Appendix F: Flora Impact Assessment

Receptor Type	Receptor	Study Area	Overlap with Development Footprint	Percentage Loss	Phase	Impact type	Sensitivity (S)	Impact intensity (I)	Rationale for I	Consequence (C = S * I)	Likelihood (L)	Rationale for likelihood	Key minimum controls	Impact significance (C * L)	Key mitigation measures	Residual impact intensity	Residual consequences	Residual likelihood	Residual impact significance
Terrestrial Flora	<i>Psychotria cf. samantiosoides</i>	1	0	0	Construction	Mortality	High	Negligible	No loss	Very Low	Unlikely	Will not be affected	NA	Negligible	NA	Negligible	Very Low	Unlikely	Negligible
Terrestrial Flora	<i>Calophyllum inophyllum</i>	1	0	0	Construction	Mortality	High	Negligible	No loss	Very Low	Unlikely	Will not be affected	NA	Negligible	NA	Negligible	Very Low	Unlikely	Negligible
Terrestrial Flora	<i>Dalbergia jumphuani</i>	1	0	0	Construction	Mortality	High	Negligible	No loss	Very Low	Unlikely	Will not be affected	NA	Negligible	NA	Negligible	Very Low	Unlikely	Negligible
Terrestrial Flora	<i>Dicranodon conferta</i>	3	2	66.6666667	Construction	Mortality	High	Medium	> 50% loss	Medium	Likely	Likely to remove for slope works but to confirm at construction stage	NA	Moderate	Salvage if possible can drop likelihood to possible	Medium	Medium	Possible	Moderate
Terrestrial Flora	<i>Diplazium matum</i>	1	0	0	Construction	Mortality	High	Negligible	No loss	Very Low	Unlikely	Will not be affected	NA	Negligible	NA	Negligible	Very Low	Unlikely	Negligible
Terrestrial Flora	<i>Entada spiralis</i>	2	1	50	Construction	Mortality	High	Medium	> 50% loss	Medium	Likely	Likely to remove for slope works but to confirm at construction stage	NA	Moderate	Salvage if possible can drop likelihood to possible	Medium	Medium	Possible	Moderate
Terrestrial Flora	<i>Eurycoma longifolia</i>	1	0	0	Construction	Mortality	High	Negligible	No loss	Very Low	Unlikely	Will not be affected	NA	Negligible	NA	Negligible	Very Low	Unlikely	Negligible
Terrestrial Flora	<i>Fagraea ridleyi</i>	1	0	0	Construction	Mortality	High	Negligible	No loss	Very Low	Unlikely	Will not be affected	NA	Negligible	NA	Negligible	Very Low	Unlikely	Negligible
Terrestrial Flora	<i>Ficus kerriboveni</i>	1	0	0	Construction	Mortality	High	Negligible	No loss	Very Low	Unlikely	Will not be affected	NA	Negligible	NA	Negligible	Very Low	Unlikely	Negligible
Terrestrial Flora	<i>Garcinia celebica</i>	1	1	100	Construction	Mortality	High	High	100% loss	High	Likely	Likely to remove for slope works but to confirm at construction stage	NA	Major	Salvage if possible can drop likelihood to possible	High	High	Possible	Moderate
Terrestrial Flora	<i>Gnetum microcarpum</i>	1	0	0	Construction	Mortality	High	Negligible	No loss	Very Low	Unlikely	Will not be affected	NA	Negligible	NA	Negligible	Very Low	Unlikely	Negligible
Terrestrial Flora	<i>Lindsaea orbiculata</i>	2	0	0	Construction	Mortality	High	Negligible	No loss	Very Low	Unlikely	Will not be affected	NA	Negligible	NA	Negligible	Very Low	Unlikely	Negligible
Terrestrial Flora	<i>Memecylon edule var. edule</i>	7	3	42.85714286	Construction	Mortality	High	Low	< 50% loss	Low	Likely	Likely to remove for slope works but to confirm at construction stage	NA	Moderate	Salvage if possible can drop likelihood to possible	Low	Low	Possible	Minor
Terrestrial Flora	<i>Nepenthes rafflesiana</i>	4	2	50	Construction	Mortality	High	Medium	> 50% loss	Medium	Likely	Likely to remove for slope works but to confirm at construction stage	NA	Moderate	Salvage if possible can drop likelihood to possible	Medium	Medium	Possible	Moderate
Terrestrial Flora	<i>Palaquium obovatum var. obovatum</i>	1	0	0	Construction	Mortality	High	Negligible	No loss	Very Low	Unlikely	Will not be affected	NA	Negligible	NA	Negligible	Very Low	Unlikely	Negligible
Terrestrial Flora	<i>Parasitemon urophyllus</i>	1	0	0	Construction	Mortality	High	Negligible	No loss	Very Low	Unlikely	Will not be affected	NA	Negligible	NA	Negligible	Very Low	Unlikely	Negligible
Terrestrial Flora	<i>Podocarpus polystachyus</i>	20	5	25	Construction	Mortality	High	Low	< 50% loss	Low	Likely	Likely to remove for slope works but to confirm at construction stage	NA	Moderate	Salvage if possible can drop likelihood to possible	Low	Low	Possible	Minor
Terrestrial Flora	<i>Pyrrosia angustata</i>	1	0	0	Construction	Mortality	High	Negligible	No loss	Very Low	Unlikely	Will not be affected	NA	Negligible	NA	Negligible	Very Low	Unlikely	Negligible
Terrestrial Flora	<i>Syzygium palembanum</i>	1	1	100	Construction	Mortality	High	High	100% loss	High	Likely	Likely to remove for slope works but to confirm at construction stage	NA	Major	Salvage if possible can drop likelihood to possible	High	High	Possible	Moderate
Terrestrial Flora	<i>Thripparum sp.</i>	1	0	0	Construction	Mortality	High	Negligible	No loss	Very Low	Unlikely	Will not be affected	NA	Negligible	NA	Negligible	Very Low	Unlikely	Negligible
Terrestrial Flora	<i>Threma tomentosum</i>	1	0	0	Construction	Mortality	High	Negligible	No loss	Very Low	Unlikely	Will not be affected	NA	Negligible	NA	Negligible	Very Low	Unlikely	Negligible
Terrestrial Flora	<i>Tristanopsis whiteana</i>	37	8	21.62162162	Construction	Mortality	High	Low	< 50% loss	Low	Likely	Likely to remove for slope works but to confirm at construction stage	NA	Moderate	Salvage if possible can drop likelihood to possible	Low	Low	Possible	Minor
Terrestrial Flora	<i>Urophyllum hirsutum</i>	1	0	0	Construction	Mortality	High	Negligible	No loss	Very Low	Unlikely	Will not be affected	NA	Negligible	NA	Negligible	Very Low	Unlikely	Negligible
Terrestrial Flora	<i>Xylocarpus rumpffii</i>	4	2	50	Construction	Mortality	High	Medium	> 50% loss	Medium	Likely	Likely to remove for slope works but to confirm at construction stage	NA	Moderate	Avoid	Negligible	Very Low	Unlikely	Negligible
Marine Flora	<i>Enhalus acoroides</i>	0.365	0.044	12.05479452	Construction	Mortality	High	Low	< 50% loss	Low	Likely	Likely to remove for temporary bund	NA	Moderate	Decided after NG to salvage and pass to research	Medium	Medium	Likely	Moderate
Marine Flora	<i>Thalassia hemprichii</i>	0.012	0	0	Construction	Mortality	High	Negligible	No loss	Very Low	Unlikely	Will not be affected	NA	Negligible	NA	Negligible	Very Low	Unlikely	Negligible
Marine Flora	<i>Halodule wrightii</i>	0.153	0.003	1.960794314	Construction	Mortality	High	Low	< 50% loss	Low	Likely	Likely to remove for temporary bund	NA	Moderate	NA	Low	Low	Likely	Moderate
Marine Flora	<i>Halophila ovalis</i>	0.704	0.087	12.35795455	Construction	Mortality	High	Low	< 50% loss	Low	Likely	Likely to remove for temporary bund	NA	Moderate	NA	Medium	Medium	Likely	Moderate



Appendix G: Fauna Impact Assessment

Impact type	Negligible	Low	Medium	High
Construction phase				
Loss of/reduction in habitats and food sources	No loss of habitat, raptor nests, or roosts	Loss of <10% of habitat, or roosts	Loss of 10–40% of habitat, or roosts	Loss of >40% of habitat or roosts; loss of any raptor nests
Accidental injury or mortality	Species with negligible susceptibility to accidental injury/mortality from construction activities (large vehicles, excavation and piling, etc.)	Species with low susceptibility to accidental injury/mortality from construction activities (large vehicles, excavation, piling, etc.) <ul style="list-style-type: none"> - Subtidal fishes - Birds 	Species that are mobile but possibly susceptible to accidental injury/mortality from construction activities (large vehicles, excavation, piling, etc.) <ul style="list-style-type: none"> - Other fishes (ray & mudskipper) - Crab 	Species with high susceptibility to accidental injury/mortality from construction activities (large vehicles, excavation, piling, etc.) <ul style="list-style-type: none"> - Soft Coral - Hard corals - Anemone - Echinoderm - Goby Smooth-coated otter
Human-wildlife conflict	Species that are not perceived as nuisances or threats by construction personnel <ul style="list-style-type: none"> - Hard corals - Soft corals - Some fishes - Crabs - Echinoderm - Birds (excluding crow) 	Species that are possibly perceived as both nuisances and threats by construction personnel, less tolerant of human presence and urban environments <ul style="list-style-type: none"> - More defensive fishes and crab species 	Species that are typically perceived as nuisances and possibly as threats by construction personnel, highly tolerant of human presence and urban environments, and frequently implicated in human-wildlife conflict <ul style="list-style-type: none"> - Smooth-coated otter - Spider - Stingray - Large-billed crow 	Species that are typically perceived as both nuisances and threats by construction personnel, highly tolerant of human presence and urban environments, and are frequently implicated in human-wildlife conflict <ul style="list-style-type: none"> - Triggerfish - Shark
Loss of/reduction in of ecological connectivity	Not dependent on connected habitats for foraging and mating and able to traverse marine habitats <ul style="list-style-type: none"> - Smooth-coated otter - Birds 	Slightly dependent on connected habitats for foraging and mating and adaptable to traverse marine infrastructures if needed <ul style="list-style-type: none"> - Subtidal fishes 	Dependent on connected habitats for foraging and mating <ul style="list-style-type: none"> - Spider - Crabs - Echinoderm 	Highly dependent on connected habitats for foraging and mating <ul style="list-style-type: none"> - Hard corals - Soft Corals - Anemone - Mudskipper - Goby
Light disturbances at night	Species that are not sensitive to changes in light levels at night <ul style="list-style-type: none"> - Subtidal soft corals 	Species that are slightly sensitive to changes in light levels <ul style="list-style-type: none"> - Mammals - Fishes - Other soft corals - Hard corals - Birds (non-migratory) - Spider 	Species that are sensitive to changes in light levels: <ul style="list-style-type: none"> - Echinoderm 	Species that are extremely sensitive to changes in light levels <ul style="list-style-type: none"> - Turtle - Migratory birds
Human disturbances	Species that are not sensitive to human presence	Species that are slightly sensitive to human presence <ul style="list-style-type: none"> - Fishes - Crabs - Smooth-coated otter - Birds - Spider 	Species that are sensitive to human disturbance <ul style="list-style-type: none"> - Echinoderm - Soft coral 	Species that are extremely sensitive to human presence <ul style="list-style-type: none"> - Nesting birds - Hard corals - Anemone - Goby - Mudskipper
Operational phase				
Loss of ecological connectivity for faunal movement	Not dependent on connected habitats for foraging and mating and able to traverse marine habitats <ul style="list-style-type: none"> - Smooth-coated otter - Birds 	Slightly dependent on connected habitats for foraging and mating and adaptable to traverse marine infrastructures if needed <ul style="list-style-type: none"> - Subtidal fishes 	Dependent on connected habitats for foraging and mating <ul style="list-style-type: none"> - Spider - Crabs - Echinoderm 	Highly dependent on connected habitats for foraging and mating <ul style="list-style-type: none"> - Hard corals - Soft Corals - Anemone - Mudskipper - Goby

Receptor Type	Type	Receptor	Common name	Phase	Impact type	Sensitivity (S)	Impact intensity (I)	Consequence (C = S x I)	Likelihood (L)	Key minimum controls	Impact significance (C x I)	Residual impact intensity	Residual consequence	Residual likelihood	Residual impact significance
Fauna	Fish	<i>Aeolanthus reticularis</i>	Reticulated pufferfish	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Fish	<i>Cephalopholis argus</i>	Peacock hind	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Fish	<i>Cephalopholis formosa</i>	Blue-lined hind	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Fish	<i>Cyptosentrus cinctus</i>	Yellow shrimp goby	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Fish	<i>Lutjanus lutjanus</i>	Bigeye snapper	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Fish	<i>Scorpaenodes commersonianus</i>	Talang queenfish	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Fish	<i>Taeniura lyoma</i>	Blue-spotted fantail ray	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Caulastrea echinulata</i>	NA	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Lobophyllia hemprichi</i>	Lobed brain coral	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Platygyria lamellina</i>	Lesser valley coral	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Anemone	<i>Merentia carpet anemone</i>	Merent's carpet anemone	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Bird	<i>Corvus macrorhynchos</i>	Large-billed crow	Construction	Loss of/ reduction in habitats and food sources	High	Medium	Medium	Unlikely		Negligible	Low	Low	Unlikely	Negligible
Fauna	Bird	<i>Sterna albatron</i>	Little tern	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Plasmococcus niestrzaei</i>	Boulder Sandpaper Coral	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Non-mammal	<i>Lutrogale perspicillata</i>	Smooth-coated otter	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Crab	<i>Atergatis floridus</i>	Green egg crab/ Floral egg crab	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Crab	<i>Euphis ferax</i>	Red eyed reef crab	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Fish	<i>Epiplatys erythrurus</i>	Cloudy grouper	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Fish	<i>Periphetus chrysipalis</i>	Gold-spotted mudskipper/ Golden-spotted mudskipper	Construction	Loss of/ reduction in habitats and food sources	High	Medium	Medium	Possible		Moderate	Medium	Medium	Possible	Moderate
Fauna	Fish	<i>Plectrohinchus chrysopterus</i>	Yellow-striped sweetlips	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Fish	<i>Plectrohinchus gibbosus</i>	Brown sweetlips/ Hairy hotlips	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Sea cucumber	<i>Africanus africanus</i>	Little African sea cucumber	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Sea cucumber	<i>Holothuria leucospilota</i>	Black long sea cucumber	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Spider	<i>Desis martensii</i>	Von Martens' reef spider	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Bird	<i>Actitis hypoleucos</i>	Common sandpiper	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Fish	<i>Pteropoda simosa</i>	Pearl bubble coral	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Soft Coral	<i>Unidentified sea fan</i>	Unidentified sea fan	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Soft Coral	<i>Dichotella gemmea</i>	Asparagus sea fan	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Soft Coral	<i>Euplexaura sp.</i>	Unidentified Sea fan	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Soft Coral	<i>Junceella sp.</i>	NA	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Cyathostrea serotina</i>	Double-star Coral	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Diploria heliopora</i>	NA	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Diploastrea speciosa</i>	NA	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Duncanopannaria petolata</i>	Pagoda Coral	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Echinophyllia echinoporoides</i>	Red Stone Coral	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Favites chinensis</i>	NA	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Favites colemani</i>	NA	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Goniastrea eburneola</i>	NA	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Goniastrea formosa</i>	NA	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Goniastrea retiformis</i>	NA	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Goniopora lobata</i>	Flowerpot True Red Coral	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Goniopora solensis</i>	NA	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Helopora caerulea</i>	Blue Coral	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Hydnophora grandis</i>	Spine Brain Coral	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Lobophyllia recta</i>	Grooved Brain Coral	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Merentia speciosa</i>	Carpet Coral	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Platygyria dendroidea</i>	Brain Coral	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Platygyria pini</i>	NA	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Platygyria ruykensis</i>	Maze Brain Coral	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Platygyria sinensis</i>	NA	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Podocarpus cubozoa</i>	Bracket Mushroom Coral	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Porites lutea</i>	NA	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Porites formosa</i>	Yellow Cup Coral	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Tubinaria mesenterina</i>	Vase Coral	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Anemone	<i>Anthophora buddenieri</i>	Pink-spotted Bead Anemone	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Fish	<i>Carcarhinus melanopterus</i>	Black-tip reef shark	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Fish	<i>Congrogadus subducens</i>	Carpet eel-blenny	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Fish	<i>Diodon hystrix</i>	Spot-fin porcupinefish	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Fish	<i>Lopholaimus litorea</i>	Spotted-tail Frogfish/ Three-spot Frogfish	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Ground Squirrel	<i>Thomomys talpae</i>	Tiger tower	Construction	Loss of/ reduction in habitats and food sources	High	Medium	Medium	Unlikely		Negligible	Low	Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Pocillopora nutans</i>	Cauliflower Coral	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Polysiphonia talpina</i>	Mole Mushroom Coral	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Stylophora pistillata</i>	Smooth Cauliflower Coral	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Horseshoe crab	<i>Tachypoda gigas</i>	Coastal horseshoe crab	Construction	Loss of/ reduction in habitats and food sources	High	Medium	Medium	Possible		Moderate	Medium	Medium	Possible	Moderate
Fauna	Marine crab	<i>Gonezodes bicornis</i>	Masked burrowing crab	Construction	Loss of/ reduction in habitats and food sources	High	Medium	Medium	Possible		Moderate	Medium	Medium	Possible	Moderate
Fauna	Marine Batworm	<i>Pseudobuccichirus hancockianus</i>	Dawn Batworm	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Non-marine mammal	<i>Moschus moschiferus</i>	Long-billed muskox	Construction	Loss of/ reduction in habitats and food sources	High	Medium	Medium	Unlikely		Negligible	Low	Low	Unlikely	Negligible
Fauna	Sea star	<i>Chroaster typhlops</i>	Common sea star	Construction	Loss of/ reduction in habitats and food sources	High	Medium	Medium	Possible		Moderate	Medium	Medium	Possible	Moderate
Fauna	Sea star	<i>Stellaster chilensis</i>	Galloping sand star	Construction	Loss of/ reduction in habitats and food sources	High	Medium	Medium	Possible		Moderate	Medium	Medium	Possible	Moderate
Fauna	Marine turtle	<i>Eretmochelys imbricata</i>	Hawksbill turtle	Construction	Loss of/ reduction in habitats and food sources	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Fish	<i>Aeolanthus reticularis</i>	Reticulated pufferfish	Construction	Accidental injury or mortality	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Fish	<i>Cephalopholis argus</i>	Peacock hind	Construction	Accidental injury or mortality	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Fish	<i>Cephalopholis formosa</i>	Blue-lined hind	Construction	Accidental injury or mortality	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Fish	<i>Cyptosentrus cinctus</i>	Yellow shrimp goby	Construction	Accidental injury or mortality	High	High	High	Possible		Moderate	High	High	Possible	Moderate
Fauna	Fish	<i>Lutjanus lutjanus</i>	Bigeye snapper	Construction	Accidental injury or mortality	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Fish	<i>Scorpaenodes commersonianus</i>	Talang queenfish	Construction	Accidental injury or mortality	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Fish	<i>Taeniura lyoma</i>	Blue-spotted fantail ray	Construction	Accidental injury or mortality	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Caulastrea echinulata</i>	NA	Construction	Accidental injury or mortality	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Lobophyllia hemprichi</i>	Lobed brain coral	Construction	Accidental injury or mortality	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Platygyria lamellina</i>	Lesser valley coral	Construction	Accidental injury or mortality	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Anemone	<i>Merentia carpet anemone</i>	Merent's carpet anemone	Construction	Accidental injury or mortality	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Bird	<i>Corvus macrorhynchos</i>	Large-billed crow	Construction	Accidental injury or mortality	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Bird	<i>Sterna albatron</i>	Little tern	Construction	Accidental injury or mortality	High	Low	Low	Possible		Minor	Low	Low	Possible	Minor
Fauna	Hard Coral	<i>Plasmococcus niestrzaei</i>	Boulder Sandpaper Coral	Construction	Accidental injury or mortality	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Non-marine mammal	<i>Lutrogale perspicillata</i>	Smooth-coated otter	Construction	Accidental injury or mortality	High	High	High	Possible		Moderate	High	High	Possible	Minor
Fauna	Crab	<i>Atergatis floridus</i>	Green egg crab/ Floral egg crab	Construction	Accidental injury or mortality	High	Medium	Medium	Possible		Moderate	Medium	Medium	Possible	Moderate
Fauna	Crab	<i>Euphis ferax</i>	Red eyed reef crab	Construction	Accidental injury or mortality	High	Medium	Medium	Possible		Moderate	Medium	Medium	Possible	Moderate
Fauna	Fish	<i>Epiplatys ery</i>													

Fauna	Hard Coral	<i>Coelastrea aspera</i>	NA	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Cyphastrea serillia</i>	NA	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Diplastrea heliopora</i>	Double-star Coral	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Diplastrea speciosa</i>	NA	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Duncanowayenia petolata</i>	Pagoda Coral	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Echinophyllia echinoporoides</i>	Red Stone Coral	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Favites chinensis</i>	NA	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Favites colemani</i>	NA	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Goniastrea edwardii</i>	NA	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Goniastrea foveata</i>	NA	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Goniastrea reformis</i>	NA	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Goniastrea lobata</i>	Flowerpot True Red Coral	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Goniastrea somaliensis</i>	NA	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Helopora coerulea</i>	Blue Coral	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Hydnophora grandis</i>	Spine Coral	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Lobophyllia recta</i>	Grooved Brain Coral	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Pachyseris speciosa</i>	Castle Coral	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Platygygia decalonia</i>	Brain Coral	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Platygygia peltata</i>	NA	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Platygygia rufispennis</i>	Maze Brain Coral	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Platygygia sinensis</i>	NA	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Podocacia crustacea</i>	Bracket Mushroom Coral	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Porites lutea</i>	NA	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Turbinaria frondens</i>	Yellow Cup Coral	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Turbinaria mesenterina</i>	Vase Coral	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Anemone	<i>Anthipolia buddenieri</i>	Pink-spotted Bead Anemone	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Caranx melanocephalus</i>	Black-tip reef shark	Construction	Accidental injury or mortality	High	Low	Possible	Minor	Low	Low	Possible	Minor	Minor
Fauna	Fish	<i>Congrogadus subducens</i>	Carpet eel-blenny	Construction	Accidental injury or mortality	High	Low	Possible	Minor	Low	Low	Possible	Minor	Minor
Fauna	Fish	<i>Diodon hystrix</i>	Spot-fin porcupinefish	Construction	Accidental injury or mortality	High	Low	Possible	Minor	Low	Low	Possible	Minor	Minor
Fauna	Fish	<i>Lophochirus trisignatus</i>	Spotted-tail frogfish/ Three-spot frogfish	Construction	Accidental injury or mortality	High	Low	Possible	Minor	Low	Low	Possible	Minor	Minor
Fauna	Gastropod	<i>Cypraea tigris</i>	Tiger cowrie	Construction	Accidental injury or mortality	High	High	High	Possible	Moderate	High	High	Possible	Moderate
Fauna	Hard Coral	<i>Pocillopora acuta</i>	Caulliflower Coral	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Pocillopora latrans</i>	Made Mushroom Coral	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Sylophora paxillata</i>	Smooth Cauliflower Coral	Construction	Accidental injury or mortality	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Horseshoe crab	<i>Tachypleus gigas</i>	Coastal horseshoe crab	Construction	Accidental injury or mortality	High	Medium	Medium	Possible	Moderate	Medium	Medium	Possible	Moderate
Fauna	Marine crab	<i>Gecarcia bicolor</i>	Masked burrowing crab	Construction	Accidental injury or mortality	High	Medium	Medium	Possible	Moderate	Medium	Medium	Possible	Moderate
Fauna	Marine flatworm	<i>Pseudobiceros hancockanus</i>	Dawn flatworm	Construction	Accidental injury or mortality	High	High	High	Possible	Moderate	High	High	Possible	Moderate
Fauna	Non-marine mammal	<i>Macaca fascicularis</i>	Long-tailed macaque	Construction	Accidental injury or mortality	High	High	High	Possible	Moderate	High	High	Possible	Minor
Fauna	Sea star	<i>Archaster typicus</i>	Common sea star	Construction	Accidental injury or mortality	High	High	High	Possible	Moderate	High	High	Possible	Moderate
Fauna	Sea star	<i>Galliphiaster solaris</i>	Galliphiaster sand star	Construction	Accidental injury or mortality	High	High	High	Possible	Moderate	High	High	Possible	Moderate
Fauna	Marine turtle	<i>Eretmochelys imbricata</i>	Hawksbill turtle	Construction	Accidental injury or mortality	High	Low	Possible	Minor	Low	Low	Possible	Minor	Minor
Fauna	Fish	<i>Aeranthus reticulatus</i>	Reticulated pufferfish	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Fish	<i>Cephalophis argus</i>	Peacock hind	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Fish	<i>Cephalophis formosus</i>	Blue-lined hind	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Fish	<i>Cryptocentrus cinctus</i>	Yellow shrimp goby	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Fish	<i>Latipnus latipnus</i>	Bigeye snapper	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Fish	<i>Scomberoides commersonnoides</i>	Talang snapper	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Fish	<i>Taeniura lymnaea</i>	Blue-spotted fanfairy	Construction	Human-wildlife conflict	High	Medium	Medium	Less Likely	Minor	Medium	Medium	Less Likely	Minor
Fauna	Hard Coral	<i>Caullastrea echinulata</i>	NA	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Lobophyllia hemprichii</i>	Lobe brain coral	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Platygygia lamellina</i>	Lesser valley coral	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Anemone	<i>Stichodactyla mertensii</i>	Mertens's Carpet anemone	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Bird	<i>Corvus macrorhynchos</i>	Large-billed crow	Construction	Human-wildlife conflict	High	Medium	Medium	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Bird	<i>Sturnus alpinus</i>	Little tern	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Phenacocera mentrastri</i>	Boulder Sandpaper Coral	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Non-marine mammal	<i>Lutrogale perspicillata</i>	Smooth-coated otter	Construction	Human-wildlife conflict	High	Low	Possible	Minor	Medium	Medium	Less Likely	Minor	Minor
Fauna	Crab	<i>Atergatis florida</i>	Green egg crab/ Floral egg crab	Construction	Human-wildlife conflict	High	Low	Low	Possible	Minor	Medium	Medium	Less Likely	Minor
Fauna	Crab	<i>Eriphia ferox</i>	Red eyed reef crab	Construction	Human-wildlife conflict	High	Low	Low	Possible	Minor	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Epinephelex erythrinus</i>	Cloudy grouper	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Fish	<i>Periophthalmus chrysoplatus</i>	Gold-spotted mudkipper/ Golden-spotted mudkipper	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Fish	<i>Pteropodops chrysostomus</i>	Yellow striped sweetlips	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Fish	<i>Plectrobranchius gibbosus</i>	Brown sweetlips/ Harry hotlips	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Sea cucumber	<i>Apicocumis africana</i>	Little African sea cucumber	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Sea cucumber	<i>Holothuria leucopota</i>	Black long sea cucumber	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Spider	<i>Desis martensii</i>	Von Martens' reef spider	Construction	Human-wildlife conflict	High	Low	Low	Possible	Minor	Medium	Medium	Less Likely	Minor
Fauna	Bird	<i>Actitis hypoleucos</i>	Common sandpiper	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Plerogygia sinuosa</i>	Pearl bubble coral	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Soft Coral	<i>Chimacoria sp.</i>	Unidentified Sea fan	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Soft Coral	<i>Dichotrocha gemmea</i>	Asparagus sea fan	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Soft Coral	<i>Euplexaura sp.</i>	Unidentified Sea fan	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Soft Coral	<i>Junceella sp.</i>	NA	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Coelastrea aspera</i>	NA	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Cyphastrea serillia</i>	NA	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Diplastrea heliopora</i>	Double-star Coral	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Diplastrea speciosa</i>	NA	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Duncanowayenia petolata</i>	Pagoda Coral	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Echinophyllia echinoporoides</i>	Red Stone Coral	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Favites chinensis</i>	NA	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Favites colemani</i>	NA	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Goniastrea edwardii</i>	NA	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Goniastrea foveata</i>	NA	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Goniastrea reformis</i>	NA	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Goniastrea lobata</i>	Flowerpot True Red Coral	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Goniastrea somaliensis</i>	NA	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Helopora coerulea</i>	Blue Coral	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Hydnophora grandis</i>	Spine Coral	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Lobophyllia recta</i>	Grooved Brain Coral	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Pachyseris speciosa</i>	Castle Coral	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Platygygia decalonia</i>	Brain Coral	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Platygygia peltata</i>	NA	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Platygygia rufispennis</i>	Maze Brain Coral	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Platygygia sinensis</i>	NA	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Podocacia crustacea</i>	Bracket Mushroom Coral	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Porites lutea</i>	NA	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Turbinaria frondens</i>	Yellow Cup Coral	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Turbinaria mesenterina</i>	Vase Coral	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Anemone	<i>Anthipolia buddenieri</i>	Pink-spotted Bead Anemone	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible

Fauna	Fish	<i>Carcarhinus melanopterus</i>	Black-tip reef shark	Construction	Human-wildlife conflict	High	Medium	Medium	Less likely		Minor	High	High	Less Likely	Minor
Fauna	Fish	<i>Congrogadus subducens</i>	Carpet eel-blenny	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely		Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Fish	<i>Diadon hystrix</i>	Spot-fin porcupinefish	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely		Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Fish	<i>Lophichthys trisignatus</i>	Spotted-tail frogfish/ Three-spot frogfish	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely		Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Gastropod	<i>Cypraea tigris</i>	Tiger cowrie	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely		Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Pocillopora acuta</i>	Caulliflower Coral	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely		Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Polyphyllia talpina</i>	Mole Mushroom Coral	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely		Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Stylophora pistillata</i>	Smooth Cauliflower Coral	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely		Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Horsehoe crab	<i>Tachypleus gigas</i>	Coastal horseshoe crab	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely		Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Marine crab	<i>Gammarus bicolor</i>	Masked burrowing crab	Construction	Human-wildlife conflict	High	Low	Low	Possible		Minor	Medium	Medium	Less Likely	Minor
Fauna	Marine flatworm	<i>Pseudobiceros hancockanus</i>	Dawn flatworm	Construction	Human disturbance	High	Negligible	Very Low	Possible		Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Non-marine mammal	<i>Nasua fascicularis</i>	Long-tailed macaue	Construction	Human-wildlife conflict	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Sea star	<i>Archaster typicus</i>	Common sea star	Construction	Human-wildlife conflict	High	Low	Low	Possible		Minor	Medium	Medium	Less Likely	Minor
Fauna	Sea star	<i>Stellaster chilensis</i>	Galloping sand star	Construction	Human-wildlife conflict	High	Low	Low	Possible		Minor	Medium	Medium	Less Likely	Minor
Fauna	Marine turtle	<i>Eretmochelys imbricata</i>	Hawksbill turtle	Construction	Human-wildlife conflict	High	Negligible	Very Low	Unlikely		Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Fish	<i>Arethron reticularis</i>	Retiulated pufferfish	Construction	Human disturbance	High	Low	Low	Possible		Minor	Low	Low	Less Likely	Minor
Fauna	Fish	<i>Cephalopholis argus</i>	Peacock hind	Construction	Human disturbance	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Cephalopholis formosa</i>	Blue-lined hind	Construction	Human disturbance	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Cyrtocentrus caeruleus</i>	Yellow shrimp gobly	Construction	Human disturbance	High	Low	Low	Possible		Minor	Low	Low	Less Likely	Minor
Fauna	Fish	<i>Lutjanus lutjanus</i>	Bigeye snapper	Construction	Human disturbance	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Scorpaenodes commersonianus</i>	Talang queenfish	Construction	Human disturbance	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Taeniura lymna</i>	Blue-spotted fantail ray	Construction	Human disturbance	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Hard Coral	<i>Caularthra echinulata</i>	NA	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Lobophyllia hemprichii</i>	Lobed brain coral	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Platygyria lamellina</i>	Lesser valley coral	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Anemone	<i>Stichodactyla mertensii</i>	Mertens' Carpet anemone	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Bird	<i>Corvus macrorhynchos</i>	Large-billed crow	Construction	Human disturbance	High	Negligible	Very Low	Possible		Minor	Negligible	Very Low	Unlikely	Negligible
Fauna	Bird	<i>Sterna albfrons</i>	Little tern	Construction	Human disturbance	High	Negligible	Very Low	Possible		Minor	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Psammocora niestrasi</i>	Boulder Sandpaper Coral	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Non-marine mammal	<i>Lutrogale perspicillata</i>	Smooth-coated otter	Construction	Human disturbance	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Crab	<i>Atergatis floridanus</i>	Green egg crab/ Floral egg crab	Construction	Human disturbance	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Crab	<i>Enginia jerox</i>	Red eyed reef crab	Construction	Human disturbance	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Engraulis mordax</i>	Coody grouper	Construction	Human disturbance	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Pariphalma chrysoptila</i>	Gold-spotted mucklipper/ Golden-spotted mucklipper	Construction	Human disturbance	High	Low	Low	Possible		Minor	Low	Low	Less Likely	Minor
Fauna	Fish	<i>Plectrocinchus chrysoptera</i>	Yellow-striped sweetlips	Construction	Human disturbance	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Plectrocinchus gibbosus</i>	Brown sweetlip/ Harry hotlips	Construction	Human disturbance	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Sea cucumber	<i>Afrocucumis africana</i>	Little African sea cucumber	Construction	Human disturbance	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Sea cucumber	<i>Holothuria leucospilota</i>	Black long sea cucumber	Construction	Human disturbance	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Spider	<i>Desis martensii</i>	Von Martens' reef spider	Construction	Human disturbance	High	Negligible	Very Low	Possible		Minor	Negligible	Very Low	Unlikely	Negligible
Fauna	Bird	<i>Common sandpiper</i>	Common sandpiper	Construction	Human disturbance	High	High	High	Possible		Minor	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Pteropora sinensis</i>	Pearl bubble coral	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Soft Coral	<i>Ctenosella sp.</i>	Unidentified Sea fan	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Soft Coral	<i>Dichotelia gemmeosa</i>	Asparagus sea fan	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Soft Coral	<i>Euplexaura sp.</i>	Unidentified Sea fan	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Soft Coral	<i>Junceella sp.</i>	NA	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Coelastrea aspera</i>	NA	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Diphyllia serripes</i>	NA	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Diploriastraea belliniana</i>	Double-star Coral	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Diploastrea speciosa</i>	NA	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Duncanopsammia petiata</i>	Pagoda Coral	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Echinophyllia echinoporaides</i>	Red Stone Coral	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Favites chinensis</i>	NA	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Favites colemani</i>	NA	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Goniastrea edwardsii</i>	NA	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Goniastrea fulva</i>	NA	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Goniastrea retiformis</i>	NA	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Goniopora lobata</i>	Flowerpot True Red Coral	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Goniopora somaliensis</i>	NA	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Helopora coerulea</i>	Blue Coral	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Hydrophora grandis</i>	Spine Coral	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Lobophyllia recta</i>	Grooved Brain Coral	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Psychopora speciosa</i>	Carls Coral	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Platygyria dardalea</i>	Brain Coral	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Platygyria pini</i>	NA	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Platygyria nyukyuensis</i>	Maze Brain Coral	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Platygyria sinensis</i>	NA	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Podabactra crustacea</i>	Bracket Mushroom Coral	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Porites laminaris</i>	NA	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Yellow Cup Coral</i>	Yelllow Cup Coral	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Tubularia mesenterina</i>	Vase Coral	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Anemone	<i>Anthopleura buddeieri</i>	Pink-spotted Bead Anemone	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Fish	<i>Carcarhinus melanopterus</i>	Black-tip reef shark	Construction	Human disturbance	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Congrogadus subducens</i>	Carpet eel-blenny	Construction	Human disturbance	High	Low	Low	Possible		Minor	Low	Low	Less Likely	Minor
Fauna	Fish	<i>Diadon hystrix</i>	Spot-fin porcupinefish	Construction	Human disturbance	High	Low	Low	Possible		Minor	Low	Low	Less Likely	Minor
Fauna	Fish	<i>Lophichthys trisignatus</i>	Spotted-tail frogfish/ Three-spot frogfish	Construction	Human disturbance	High	Low	Low	Possible		Minor	Low	Low	Less Likely	Minor
Fauna	Gastropod	<i>Cypraea tigris</i>	Tiger cowrie	Construction	Human disturbance	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Hard Coral	<i>Pocillopora acuta</i>	Caulliflower Coral	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Polyphyllia talpina</i>	Mole Mushroom Coral	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Stylophora pistillata</i>	Smooth Cauliflower Coral	Construction	Human disturbance	High	High	High	Possible		Moderate	High	High	Less Likely	Minor
Fauna	Horsehoe crab	<i>Tachypleus gigas</i>	Coastal horseshoe crab	Construction	Human disturbance	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Marine crab	<i>Gammarus bicolor</i>	Masked burrowing crab	Construction	Human disturbance	High	Low	Low	Possible		Minor	Low	Low	Less Likely	Minor
Fauna	Marine flatworm	<i>Pseudobiceros hancockanus</i>	Dawn flatworm	Construction	Human disturbance	High	Low	Low	Possible		Minor	Low	Low	Less Likely	Minor
Fauna	Non-marine mammal	<i>Nasua fascicularis</i>	Long-tailed macaue	Construction	Human disturbance	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Sea star	<i>Archaster typicus</i>	Common sea star	Construction	Human disturbance	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Sea star	<i>Stellaster chilensis</i>	Galloping sand star	Construction	Human disturbance	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Marine turtle	<i>Eretmochelys imbricata</i>	Hawksbill turtle	Construction	Human disturbance	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Arethron reticularis</i>	Reticulated pufferfish	Construction	Light disturbance at night	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Cephalopholis argus</i>	Peacock hind	Construction	Light disturbance at night	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Cephalopholis formosa</i>	Blue-lined hind	Construction	Light disturbance at night	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Cyrtocentrus caeruleus</i>	Yellow shrimp gobly	Construction	Light disturbance at night	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Lutjanus lutjanus</i>	Bigeye snapper	Construction	Light disturbance at night	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Scorpaenodes commersonianus</i>	Talang queenfish	Construction	Light disturbance at night	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Taeniura lymna</i>	Blue-spotted fantail ray	Construction	Light disturbance at night	High	Medium	Medium	Possible		Moderate	Medium	Medium	Less Likely	Minor
Fauna	Hard Coral	<i>Caularthra echinulata</i>	NA	Construction	Light disturbance at night	High	Low	Low	Possible		Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Lobophyllia hemprichii</i>	Lobed brain coral	Construction	Light disturbance at night	High	Low	Low	Possible		Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Platygyria lamellina</i>	Lesser valley coral	Construction	Light disturbance at night	High	Low	Low	Possible		Minor	Low	Low	Less Likely	Minor
Fauna	Anemone	<i>Stichodactyla mertensii</i>	Mertens' Carpet anemone	Construction	Light disturbance at night	High	Low	Low	Possible		Minor	Low	Low	Less Likely	Minor

Fauna	Bird	<i>Corvus macrorhynchos</i>	Large-billed crow	Construction	Light disturbance at night	High	Medium	Medium	Possible	Moderate	Medium	Medium	Less Likely	Minor
Fauna	Bird	<i>Sterna albigifrons</i>	Little tern	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Psammocora niestrzezi</i>	Boulder Sandpaper Coral	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Non-marine mammal	<i>Lutrogale perspicillata</i>	Smooth-coated otter	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Crab	<i>Alpheoidea floridus</i>	Green egg crab/ Floral egg crab	Construction	Light disturbance at night	High	Medium	Medium	Possible	Moderate	Medium	Medium	Less Likely	Minor
Fauna	Crab	<i>Ephia ferax</i>	Red eyed reef crab	Construction	Light disturbance at night	High	Medium	Medium	Possible	Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Epinephelus erythrurus</i>	Cloudy grouper	Construction	Light disturbance at night	High	Medium	Medium	Possible	Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Periophthalmus chrysops</i>	Gold-spotted mudkipper/ Golden-spotted mudkipper	Construction	Light disturbance at night	High	Medium	Medium	Possible	Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Plectranthrus chrysoeris</i>	Yellow-striped sweetlips	Construction	Light disturbance at night	High	Medium	Medium	Possible	Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Plectranthrus gibbosus</i>	Brown sweetlips/ Hairy hotlips	Construction	Light disturbance at night	High	Medium	Medium	Possible	Moderate	Medium	Medium	Less Likely	Minor
Fauna	Sea cucumber	<i>Aplysina africana</i>	Little African sea cucumber	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Sea cucumber	<i>Holothuria leucospilata</i>	Black king sea cucumber	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Spider	<i>Desis marseus</i>	Van Martens' reef spider	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Bird	<i>Actitis hypoleucos</i>	Common sandpiper	Construction	Light disturbance at night	High	High	High	Possible	Moderate	High	High	Less Likely	Minor
Fauna	Hard Coral	<i>Plerogorgia sinuosa</i>	Pearl bubble coral	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Soft Coral	<i>Ctenocella sp.</i>	Unidentified sea fan	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Soft Coral	<i>Dichotelia gemmea</i>	Asparagus sea fan	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Soft Coral	<i>Euplexaura sp.</i>	Unidentified Sea fan	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Soft Coral	<i>Juncocella sp.</i>	NA	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Coelastrea aspera</i>	NA	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Cyphastrea serripila</i>	NA	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Diplastrea heliopora</i>	Double-star Coral	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Dipastrea speciosa</i>	NA	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Duncanopsammia petiota</i>	Pagoda Coral	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Echinophyllia echinoporaoides</i>	Red Stone Coral	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Favites chinensis</i>	NA	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Favites colemani</i>	NA	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Goniastrea edwardsi</i>	NA	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Goniastrea favulus</i>	NA	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Goniastrea retiformis</i>	NA	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Goniopora lobata</i>	Flowerpot True Red Coral	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Goniopora sarmaliensis</i>	NA	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Halysites candelabrum</i>	Blue Coral	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Hydnophora grandis</i>	Spine Coral	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Lobophyllia recta</i>	Grooved Brain Coral	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Rachysera speciosa</i>	Castle Coral	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Platygyria dactyloa</i>	Brain Coral	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Platygyria pini</i>	NA	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Platygyria ruykensis</i>	Maze Brain Coral	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Platygyria tenuis</i>	NA	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Podastrea crustacea</i>	Bracket Mushroom Coral	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Porites lutea</i>	NA	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Turbinaria frondosa</i>	Yellow Cup Coral	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Turbinaria mesenterina</i>	Vase Coral	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Anemone	<i>Anthopleura buddeieri</i>	Pink-spotted Bead Anemone	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Fish	<i>Carcharias melanopterus</i>	Black-tip reef shark	Construction	Light disturbance at night	High	Medium	Medium	Possible	Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Comogaster subducens</i>	Carpenter sea bream	Construction	Light disturbance at night	High	Medium	Medium	Possible	Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Diodon hystrix</i>	Spot-fin porcupinefish	Construction	Light disturbance at night	High	Medium	Medium	Possible	Moderate	Medium	Medium	Less Likely	Minor
Fauna	Fish	<i>Lophochorax triisignatus</i>	Spotted-tail frogfish/ Three-spot frogfish	Construction	Light disturbance at night	High	Medium	Medium	Possible	Moderate	Medium	Medium	Less Likely	Minor
Fauna	Gastropod	<i>Cypraea tigris</i>	Tiger cowrie	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Pocillopora acuta</i>	Cauliflower Coral	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Polyphyllia talipina</i>	Mole Mushroom Coral	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hard Coral	<i>Silyphora pistillata</i>	Smooth Coral	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Hermit crab	<i>Tachytrichus gigas</i>	Coastal hermit crab	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Marine crab	<i>Goniastrea aspera</i>	Naked burrowing crab	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Marine flatworm	<i>Pseudobornia hancockiana</i>	Dawn flatworm	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Non-marine mammal	<i>Macaca fascicularis</i>	Long-tailed macaque	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Sea star	<i>Archaster typicus</i>	Common sea star	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Sea star	<i>Stellaster chilensis</i>	Galloping sand star	Construction	Light disturbance at night	High	Low	Low	Possible	Minor	Low	Low	Less Likely	Minor
Fauna	Marine turtle	<i>Eretmochelys imbricata</i>	Hawksbill turtle	Construction	Light disturbance at night	High	High	High	Possible	Moderate	High	High	Less Likely	Minor
Fauna	Fish	<i>Auriparus melanoleucus</i>	Reiculated parrotfish	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Cathartes aura</i>	Peacock bird	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Cephalopholis formosa</i>	Blue-lined hind	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Cryptocentrus cinctus</i>	Yellow shrimp goby	Construction	Loss/reduction of faunal movement	High	High	High	Less likely	Minor	High	High	Less likely	Minor
Fauna	Fish	<i>Lutjanus lutjanus</i>	Bigeye snapper	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Scorpaenidae Commersonninus</i>	Talang queenfish	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Taeniura lymna</i>	Blue-spotted fanray	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Caularthron echinulata</i>	NA	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Loxophyllia lemnis</i>	Lobed brain coral	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Platygyria lemnis</i>	Lesser valley coral	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Anemone	<i>Stichodactyla mertensii</i>	Mertens' Carpet anemone	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Bird	<i>Corvus macrorhynchos</i>	Large-billed crow	Construction	Loss/reduction of faunal movement	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Bird	<i>Sterna albigifrons</i>	Little tern	Construction	Loss/reduction of faunal movement	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Psammocora niestrzezi</i>	Boulder Sandpaper Coral	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Non-marine mammal	<i>Lutrogale perspicillata</i>	Smooth-coated otter	Construction	Loss/reduction of faunal movement	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Crab	<i>Alpheoidea floridus</i>	Green egg crab/ Floral egg crab	Construction	Loss/reduction of faunal movement	High	Medium	Medium	Unlikely	Minor	Medium	Medium	Less likely	Minor
Fauna	Crab	<i>Ephia ferax</i>	Red eyed reef crab	Construction	Loss/reduction of faunal movement	High	Medium	Medium	Unlikely	Minor	Medium	Medium	Less likely	Minor
Fauna	Fish	<i>Epinephelus erythrurus</i>	Cloudy grouper	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Periophthalmus chrysops</i>	Gold-spotted mudkipper/ Golden-spotted mudkipper	Construction	Loss/reduction of faunal movement	High	High	High	Less likely	Minor	High	High	Less likely	Minor
Fauna	Fish	<i>Plectranthrus chrysoeris</i>	Yellow-striped sweetlips	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Plectranthrus gibbosus</i>	Brown sweetlips/ Hairy hotlips	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Sea cucumber	<i>Aplysina africana</i>	Little African sea cucumber	Construction	Loss/reduction of faunal movement	High	Medium	Medium	Unlikely	Minor	Medium	Medium	Less likely	Minor
Fauna	Sea cucumber	<i>Holothuria leucospilata</i>	Black king sea cucumber	Construction	Loss/reduction of faunal movement	High	Medium	Medium	Unlikely	Minor	Medium	Medium	Less likely	Minor
Fauna	Spider	<i>Desis marseus</i>	Van Martens' reef spider	Construction	Loss/reduction of faunal movement	High	Medium	Medium	Less likely	Minor	Medium	Medium	Less likely	Minor
Fauna	Bird	<i>Actitis hypoleucos</i>	Common sandpiper	Construction	Loss/reduction of faunal movement	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Plerogorgia sinuosa</i>	Pearl bubble coral	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Soft Coral	<i>Ctenocella sp.</i>	Unidentified Sea fan	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Soft Coral	<i>Dichotelia gemmea</i>	Asparagus sea fan	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Soft Coral	<i>Euplexaura sp.</i>	Unidentified Sea fan	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Soft Coral	<i>Juncocella sp.</i>	NA	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Coelastrea aspera</i>	NA	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Cyphastrea serripila</i>	NA	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Diplastrea heliopora</i>	Double-star Coral	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Dipastrea speciosa</i>	NA	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Duncanopsammia petiota</i>	Pagoda Coral	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Echinophyllia echinoporaoides</i>	Red Stone Coral	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Favites chinensis</i>	NA	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible

Fauna	Hard Coral	<i>Favites colemani</i>	NA	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Goniastrea edwardi</i>	NA	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Goniastrea favulus</i>	NA	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Goniastrea reformis</i>	NA	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Goniopora lobata</i>	Flowerpot Tree Red Coral	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Goniopora somaliensis</i>	NA	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Helopora coerulea</i>	Blue Coral	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Hyndophora grandis</i>	Spine Coral	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Lobophyllia recta</i>	Grooved Brain Coral	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Pachyseris speciosa</i>	Castle Coral	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Platygyria aedeiformis</i>	Brain Coral	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Platygyria pini</i>	NA	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Platygyria rufispennis</i>	Maze Brain Coral	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Platygyria sinensis</i>	NA	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Podabocia crustacea</i>	Bracket Mushroom Coral	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Porites lutea</i>	NA	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Turbinaria frondens</i>	Yellow Cup Coral	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Turbinaria mesenterina</i>	Vase Coral	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Anemone	<i>Anthipolysa budenbergi</i>	Pink-spotted Bead Anemone	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Carbarhinus melanopterus</i>	Black-tip reef shark	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Congrogadus subducens</i>	Carpet eel-blenny	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Diodon hystrix</i>	Spot-fin porcupinefish	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Lophochoron trisignatus</i>	Spotted-tail frogfish/ Three-spot frogfish	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Gastropod	<i>Cypraea tigris</i>	Tiger cowrie	Construction	Loss/reduction of faunal movement	High	Medium	Medium	Unlikely	Minor	Medium	Medium	Medium	Unlikely	Minor
Fauna	Hard Coral	<i>Pocillopora acuta</i>	Caulliflower Coral	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Pocillopora coralina</i>	Mole Mushroom Coral	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Stylophora ptilotata</i>	Smooth Cauliflower Coral	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Horseshoe crab	<i>Tachypicus gigas</i>	Coastal horseshoe crab	Construction	Loss/reduction of faunal movement	High	Medium	Medium	Unlikely	Minor	Medium	Medium	Medium	Unlikely	Minor
Fauna	Marine crab	<i>Gammarus bicolor</i>	Masked burrowing crab	Construction	Loss/reduction of faunal movement	High	Medium	Medium	Unlikely	Minor	Medium	Medium	Medium	Unlikely	Minor
Fauna	Marine flatworm	<i>Pseudobiceros hancockanus</i>	Dawn flatworm	Construction	Loss/reduction of faunal movement	High	High	High	Unlikely	Minor	High	High	High	Unlikely	Minor
Fauna	Non-marine mammal	<i>Momaco fossicollis</i>	Long-tailed macaque	Construction	Loss/reduction of faunal movement	High	Negligible	Negligible	Unlikely	Negligible	Negligible	Very Low	Very Low	Unlikely	Negligible
Fauna	Sea star	<i>Archaster typicus</i>	Common sea star	Construction	Loss/reduction of faunal movement	High	Medium	Medium	Unlikely	Minor	Medium	Medium	Medium	Unlikely	Minor
Fauna	Sea star	<i>Gallinula sand star</i>	Gallinule sand star	Construction	Loss/reduction of faunal movement	High	Medium	Medium	Unlikely	Minor	Medium	Medium	Medium	Unlikely	Minor
Fauna	Marine turtle	<i>Eretmochelys imbricata</i>	Hawksbill turtle	Construction	Loss/reduction of faunal movement	High	Low	Low	Unlikely	Minor	Low	Low	Low	Unlikely	Minor
Fauna	Fish	<i>Aerottus reticulatus</i>	Reticulated pufferfish	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Cephalophis argus</i>	Peacock hind	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Cephalophis formosus</i>	Blue-lined hind	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Cryptocentrus cinctus</i>	Yellow shrimp goby	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Lutjanus fulvus</i>	Blemye snapper	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Scomberoides commersonianus</i>	Talking sweetlips	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Tamnia lynta</i>	Blue-spotted fantail ray	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Caustrea echinulata</i>	NA	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Lobophyllia hemprichii</i>	Lobed brain coral	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Platygyria lamellina</i>	Lesser valley coral	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Anemone	<i>Stichodactyla mertensii</i>	Mertens's Carpet anemone	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Bird	<i>Corvus macrorhynchos</i>	Large-billed crow	Operational	Loss/reduction of faunal movement	High	Negligible	Very Low	Unlikely		Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Bird	<i>Sternus alpinus</i>	Little tern	Operational	Loss/reduction of faunal movement	High	Negligible	Very Low	Unlikely		Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Prometopora metrauxi</i>	Boulder Sandpiper Coral	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Non-marine mammal	<i>Lutrogale perspicillata</i>	Smooth-coated otter	Operational	Loss/reduction of faunal movement	High	Negligible	Very Low	Unlikely		Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Crab	<i>Atergatis floridus</i>	Green egg crab/ Floral egg crab	Operational	Loss/reduction of faunal movement	High	Medium	Medium	Unlikely		Negligible	Medium	Medium	Unlikely	Negligible
Fauna	Crab	<i>Eriphia ferax</i>	Red eyed reef crab	Operational	Loss/reduction of faunal movement	High	Medium	Medium	Unlikely		Negligible	Medium	Medium	Unlikely	Negligible
Fauna	Fish	<i>Epinephelus erythrurus</i>	Cloudy grouper	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Pteropichthys chrysipolis</i>	Gold-spotted mudskipper/ Golden-spotted mudskipper	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Pteropichthys chrysipolis</i>	Yellow striped sweetlips	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Pterichthys gibbosus</i>	Brown sweetfish/ Harry hotlips	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Sea cucumber	<i>Aplysina spicifera</i>	Little African sea cucumber	Operational	Loss/reduction of faunal movement	High	Medium	Medium	Unlikely		Negligible	Medium	Medium	Unlikely	Negligible
Fauna	Sea cucumber	<i>Holothuria leucospilata</i>	Black long sea cucumber	Operational	Loss/reduction of faunal movement	High	Medium	Medium	Unlikely		Negligible	Medium	Medium	Unlikely	Negligible
Fauna	Spider	<i>Desis martensi</i>	Von Martens' reef spider	Operational	Loss/reduction of faunal movement	High	Medium	Medium	Unlikely		Negligible	Medium	Medium	Unlikely	Negligible
Fauna	Bird	<i>Actitis hypoleucos</i>	Common sandpiper	Operational	Loss/reduction of faunal movement	High	Negligible	Very Low	Unlikely		Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Hard Coral	<i>Pocillopora sinensis</i>	Pearl bubble coral	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Soft Coral	<i>Chenopocladia sp.</i>	Unidentified Sea Fan	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Soft Coral	<i>Dichotyllia gemmeacea</i>	Asparagus sea fan	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Soft Coral	<i>Euplexaura sp.</i>	Unidentified Sea Fan	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Soft Coral	<i>Juncella sp.</i>	NA	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Ceolastrea aspera</i>	NA	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Cyphastrea serillata</i>	NA	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Diplastrea heliopora</i>	Double-star Coral	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Diplastrea speciosa</i>	NA	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Dunckerella perbella</i>	Nagada Coral	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Echinophyllia echinoporidae</i>	Red Stone Coral	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Favites chinensis</i>	NA	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Favites colemani</i>	NA	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Goniastrea edwardi</i>	NA	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Goniastrea favulus</i>	NA	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Goniastrea reformis</i>	NA	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Goniopora lobata</i>	Flowerpot Tree Red Coral	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Goniopora somaliensis</i>	NA	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Helopora coerulea</i>	Blue Coral	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Hyndophora grandis</i>	Spine Coral	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Lobophyllia recta</i>	Grooved Brain Coral	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Pachyseris speciosa</i>	Castle Coral	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Platygyria aedeiformis</i>	Brain Coral	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Platygyria pini</i>	NA	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Platygyria rufispennis</i>	Maze Brain Coral	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Platygyria sinensis</i>	NA	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Podabocia crustacea</i>	Bracket Mushroom Coral	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Porites lutea</i>	NA	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Turbinaria frondens</i>	Yellow Cup Coral	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Turbinaria mesenterina</i>	Vase Coral	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Anemone	<i>Anthipolysa budenbergi</i>	Pink-spotted Bead Anemone	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Carbarhinus melanopterus</i>	Black-tip reef shark	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Congrogadus subducens</i>	Carpet eel-blenny	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Diodon hystrix</i>	Spot-fin porcupinefish	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Fish	<i>Lophochoron trisignatus</i>	Spotted-tail frogfish/ Three-spot frogfish	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Gastropod	<i>Cypraea tigris</i>	Tiger cowrie	Operational	Loss/reduction of faunal movement	High	Medium	Medium	Unlikely		Negligible	Medium	Medium	Unlikely	Negligible
Fauna	Hard Coral	<i>Pocillopora acuta</i>	Caulliflower Coral	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible
Fauna	Hard Coral	<i>Pocillopora coralina</i>	Mole Mushroom Coral	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely		Negligible	High	High	Unlikely	Negligible

Fauna	Hard Coral	<i>Stylophora pistillata</i>	Smooth Cauliflower Coral	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Horseshoe crab	<i>Tachypleus gigas</i>	Coastal horseshoe crab	Operational	Loss/reduction of faunal movement	High	Medium	Medium	Unlikely	Negligible	Medium	Medium	Unlikely	Negligible
Fauna	Marine crab	<i>Gomezia bicornis</i>	Masked burrowing crab	Operational	Loss/reduction of faunal movement	High	Medium	Medium	Unlikely	Negligible	Medium	Medium	Unlikely	Negligible
Fauna	Marine flatworm	<i>Pseudobiceros hancockianus</i>	Dwarf flatworm	Operational	Loss/reduction of faunal movement	High	High	High	Unlikely	Negligible	High	High	Unlikely	Negligible
Fauna	Marine flatworm	<i>Micracoa fraxicollaris</i>	Long-tailed macaque	Operational	Loss/reduction of faunal movement	High	Negligible	Very Low	Unlikely	Negligible	Negligible	Very Low	Unlikely	Negligible
Fauna	Sea star	<i>Archaster typicus</i>	Common sea star	Operational	Loss/reduction of faunal movement	High	Medium	Medium	Unlikely	Negligible	Medium	Medium	Unlikely	Negligible
Fauna	Sea star	<i>Stellaster chilidani</i>	Gallopings sand star	Operational	Loss/reduction of faunal movement	High	Medium	Medium	Unlikely	Negligible	Medium	Medium	Unlikely	Negligible
Fauna	Marine turtle	<i>Eretmochelys imbricata</i>	Hawksbill turtle	Operational	Loss/reduction of faunal movement	High	Low	Low	Unlikely	Negligible	Low	Low	Unlikely	Negligible



Appendix H: Marine Water Quality Test Report

TEST REPORT

Our Reference No. : **R250 9233**
Project Code / Ref. : **Tanjong Rimau_TRSS**

Date Received : 29/09/2025
Date Commenced : 29/09/2025
Date Reported : 06/10/2025

Customer Ref. No. : -
Customer Name : **Camphora Pte Ltd**
Customer Address : **5000A Marine Parade Road, Block 5000A,
Singapore 449284**

Attention To : **Mr Benedict Chow**
Sample Description : **3 Water samples as per received.**

RESULTS : **Refer to Page 2**



Tan Thuan Piang
Senior Technical Manager

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- 1) This report shall not be reproduced except in full, unless approval in writing has been given by MLS.
- 2) The results in this report only apply to the sample received/analysed.
- 3) MLS agrees to use reasonable diligence in the performance of the service.

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R250 9233

RESULTS

Test Parameter	Unit	Test Method	TRSS - S01		TRSS - S02		TRSS - S03		LOR	ASEAN MWQC
			15/09/2025 1438 hrs	1530 hrs	15/09/2025 1500 hrs	1530 hrs	15/09/2025 1530 hrs	1530 hrs		
Ammonia as NH4-N	µg/L	APHA 4500-NH3 (H)	ND	ND	ND	ND	ND	ND	10	70 µg/L
Cadmium as Cd	µg/L	APHA 3125B	ND	ND	ND	ND	ND	ND	1.2	10 µg/L
Chromium as Cr (VI)	µg/L	APHA 3500-Cr (B)	ND	ND	ND	ND	ND	ND	25	50 µg/L
Copper as Cu	µg/L	APHA 3125B	ND	ND	ND	ND	ND	ND	5	8 µg/L
Cyanide as CN	µg/L	APHA 4500-CN (N)	ND	ND	ND	ND	ND	ND	5	7 µg/L
Lead as Pb	µg/L	APHA 3125B	ND	ND	ND	ND	ND	ND	5	8.5 µg/L
Mercury as Hg	µg/L	APHA 3125B	ND	ND	ND	ND	ND	ND	0.1	0.16 µg/L
Nitrate as NO3-N	µg/L	APHA 4500-NO3 (I)	54.9	ND	37.4	72.0	ND	ND	15	60 µg/L
Nitrite as NO2-N	µg/L	APHA 4500-NO3 (I)	ND	ND	ND	ND	ND	ND	20	55 µg/L
Oil and Grease (Total)	mg/L	Accredited In-house Method MLS-SOP-WQ-033 Rev 1 (adapted from APHA 5520C)	ND	ND	ND	ND	ND	ND	0.1	0.14 mg/L
Phenolic Compounds (as Phenols)	mg/L	Accredited In-house Method MLS- SOP-WQ-009	ND	ND	ND	ND	ND	ND	0.025	0.12 mg/L
Phosphate as PO4-P	µg/L	APHA 4500-P (G)	ND	ND	ND	10.8	ND	ND	10	15 µg/L (Coastal) 45 µg/L (Estuarine)
Tributyltin	ng/L	APHA 6710B	ND	ND	ND	ND	ND	ND	10	10 ng/L
Total Suspended Solids, TSS	mg/L	APHA 2540D	2.20	ND	2.50	2.40	ND	ND	1	Permissible 10% maximum increase over seasonal average concentration
Faecal Coliform	cfu/100mL	APHA 9222D	3	2	2	3	ND	ND	1	100 cfu/100mL
Enterococci	cfu/100mL	APHA 9230C	ND	2	2	5	ND	ND	1	35 cfu/100mL

Note:

1. APHA is a Standard Method for Determination of Water and Wastewater (APHA 24th Edition, 2023)
2. LOR = Limit of Reporting.
3. "ND" = Not detected. The data reported is less than the LOR.
4. * = The maximum concentration of metals is according to the Sewerage and Drainage (Trade Effluent) Regulations.

