

SP - Semi Protected - Moderate wave expsoure, partly sheltered, usually fetches 10-50km VP - Very Protected - Very low wave exposure, fethces < 1km, sheltered anchorages at heads of bays and inletes

AST and NORTH C rave exposure/ subst	COAST project area w trate table for Habitat	which includes BIO_AF t Classification (HAB_0	REAS CC, JS and NC OBS)., for the Mid-co	ast BC study area, fro	om Johnstone Strait/O	Central Coast Ma	pping Region	s 5, 6 and 7.	
IMMOBILE SUBSTRATES				MOBILE OR PARTIALLY MOBILE SUBSTRATES				CURRENT- DOMI- NATED	TIDAL IAGOON
BEDROCK	BEDROCK/BOULDER	BEDROCK/GRAVEL	BEDROCK/GRAVEL	SAND & GRAVEL	SAND & GRAVEL	SAND/MUD	SEDIMENT	BEDROCK OR SEDIMENT	BEDROCK OR SEDIMENT
1-20	1-23, 32, 33	1-23, 33	1-23, 33	24 – 30, 32 no SAL band	24 – 30, 32 no SAL band	24 - 30, 31 has SAL band	24-30	34	35
Е	SE	SP	VP, P	SP	VP, P	VP, P, SP	SE, E	VP, P, SP	VP, P, SP
2	3	4	5	6	7	8	9	10	11
Verrucaria	Verrucaria Enteromorpha	Verrucaria Enteromorpha	Verrucaria Enteromorpha	Verrucaria Enteromorpha	Verrucaria Enteromorpha	grasses & rushes Salicornia virvinica			
Balanus glandula	Balanus glandula Fucus distichus	Balanus glandula Fucus distichus	Balanus glandula Fucus distichus	Balanus glandula Fucus distichus	Balanus glandula Fucus distichus	Balanus glandula Fucus distichus	no visible	tidal current	Balanus glandula Fucus distichus
Pollicipes polymerus Mytilus californianus Semibalanus carriosus	Mytilus californianus Semibalanus carriosus	Mytilus trossulus* Semibalanus carriosus Ul va/ Ulvaria spp.	Mytilus trossulus * Ulva/ Ulvaria spp.	Semibalanus carriosus Ulva/ Ulvaria spp.	Ulva/ Ulvaria spp.	Mytilus trossulus** Ulva/ Ulvaria	macrobiota due to sediment mobility	dominated; may be a Protected wave exposure but shows an assemblage of indicator species from higher wave exposures. Assemblage	ponded water in lagoon creates narrow intertidal and a reduced biota in brackish water, may have
Alaria 'nana' morph	Hedophyllum sessile Phyllospadix scouleri								
Lessoniopsis littoralis Lithothamnion	Alaria 'marginata' morph Lithothamnion	Laminaria groenlandica Laminaria saccharina Alaria 'marginata' morph Lithothannion	Laminaria saccharina	Laminaria groenlandica Laminaria saccharina Alaria 'marginata' morph Lithothamnion	Laminaria saccharina			observed is 'anomalous' for the wave energy of the site.	associated current dominated at outflow
Nereocystis luetkeana	Nereocystis luetkeana Macrocystis integrifolia Agarum spp. Strongylocentrotus franciscanus	Nereocystis luetkeana Macrocystis integrifolia Agarum spp. Strongylocentrotus franciscanus Zostera marina	Macrocystis integrifolia Agarum spp. Zastera marina	Nereocystis luetkeana Macrocystis integrifolia Agarum spp. Strongylocentrotus franciscanus Zostera marina	Macrocystis integrifolia Agarum spp. Zastara marina	Zastera marina	1		
	AST and NORTH Orave exposure/ substance of a substa	AST and NORTH COAST project area were exposure/substrate table for Habitat IMMOBILE BEDROCK BEDROCK/BOULDER 1-20 1-23, 32, 33 E SE 2 3 Verrucaria Este 2 3 Verrucaria Balanus glandula Balanus glandula Fucus distichus Mytilus californianus Semibalanus carriosus Semibalanus carriosus Semibalanus carriosus Semibalanus carriosus Alaria 'nana' morph Lithothamnion Hedophyllum sessile Phyllospadix scouleri Lessoniopsis littoralis Nereocystis luetkeana Macrocystis luetk	AST and NORTH COAST project area which includes BIO_AF rave exposure/ substrate table for Habitat Classification (HAB_ INTROBILE SUBSTRATE BEDROCK BEDROCK/BOULDER BEDROCK/GRAVEL 1-20 1-23, 32, 33 1-23, 33 E SE SP 2 3 1-23, 33 E SP 2 3 4 Verrucaria Enteromorpha Balanus glandula Balanus glandula Balanus glandula Fucus distichus Pucus distichus Pollicipes polymerus Mytilus californianus Mytilus californianus Semibalanus carriosus Semibalanus carriosus Uva / Uvaria spp. Alaria 'nana' morph Lithothannion Lithothannion Kereocystis lutekeana Macrocystis lutekeana Macrocys	AST and NORTH COAST project area which includes BIO_AREAS CC, JS and NC rave exposure/ substrate table for Habitat Classification (HAB_OBS), for the Mid-co IMMOBILE SUBSTRATES BEDROCK BEDROCK/BOULDER BEDROCK/GRAVEL BEDROCK/GRAVEL 1-20 1-23, 32, 33 1-23, 33 1-23, 33 E SE SP VP, P 2 3 4 5 Verrucaria Enteromorpha Enteromorpha Balanus glandula Balanus glandula Balanus glandula Pucus distichus Pucus distichus Pollicipes polymerus Mytilus californianus Semibalanus carriosus Semibalanus carriosus Urar Uraria spp. Hedophyllum sessile Alaria 'nana' morph Hedophyllum sessile Lithothamnion Lithothamnion Lithothamnion Macrocystis luetkeana Macrocystis luetkeana Macrocystis luetkeana Strongylocentrotus Franciscanus Strongylocentrotus Franciscanus Strongylocentrotus Franciscanus Anaria 'marginata' marginata' marginat	AST and NORTH COAST project area which includes BIO_AREAS CC, JS and NC. rave exposure/ substrate table for Habitat Classification (HAB_OBS)., for the Mid-coast BC study area, free rave exposure/ substrate table for Habitat Classification (HAB_OBS)., for the Mid-coast BC study area, free rave exposure/ substrate table for Habitat Classification (HAB_OBS)., for the Mid-coast BC study area, free rave exposure/ substrate table for Habitat Classification (HAB_OBS)., for the Mid-coast BC study area, free rave exposure/ substrate table for Habitat Classification (HAB_OBS)., for the Mid-coast BC study area, free rave exposure/ substrate table for Habitat Classification (HAB_OBS)., for the Mid-coast BC study area, free rave exposure/ substrate table for Habitat Classification (HAB_OBS)., for the Mid-coast BC study area, free rave exposure/ substrate table for Habitat Classification (HAB_OBS)., for the Mid-coast BC study area, free rave exposure/ substrate table for Habitat Classification (HAB_OBS)., for the Mid-coast BC study area, free rave exposure/ substrate table for Habitat Classification (HAB_OBS)., for the Mid-coast BC study area, free rave exposure/ substrate table for Habitat Classification (HAB_OBS)., for the Mid-coast BC study area, free rave exposure/ substrate table for Habitat Classification (HAB_OBS)., for the Mid-coast BC study area, free rave exposure for the Model for the material for the mid-coast back and for the material for the ma	AST and NORTH COAST project area which includes BIO_AREAS CC, JS and NC. Taxe exposure/substrate table for Habitat Classification (HAB_OBS), for the Mid-coast BC study area, from Johnstone Strait/A Ast and NORTH COAST project area which includes BIO_AREAS CC, JS and NC. Taxe exposure/substrate table for Habitat Classification (HAB_OBS), for the Mid-coast BC study area, from Johnstone Strait/A MOBILE SUBSTRATES MOBILE CR PARTIA SUBSTRA BEDROCK BEDROCK/BOULDER BEDROCK/GRAVEL BEDROCK/GRAVEL SAND & GRAVEL SAND & GRAVEL SAND & GRAVEL CASAD & GRAVEL SAND & G	AST and NORTH COAST project area which includes BIO_AREAS CC, JS and NC. Tare exposure/ substrate table for Habitat Classification (HAB_OBS), for the Mid-coast BC study area, from Johnstone Strait/Central Coast Ma MOBILE MOBILE SUBSTRATES BEDROCK BEDROCK/ROULDER BEDROCK/GRAVEL SAND & GRAVEL SAND MUD 1-20 1-23, 32, 33 1-23, 33 1-23, 33 1-23, 32 24 - 30, 32 24 - 30, 32 24 - 30, 32 24 - 30, 32 24 - 30, 32 24 - 30, 32 1-83, 8AL band E SE SF VP, P SF VP, P VP	AST and NORTH COAST project area which includes BIO_AREAS CC, 3S and NC. Tare exposure/substrate table for Habitat Classification (HAB_OBS), for the Mid-coast BC study area, from Johnstone Strait/Central Coast Mapping Region MOBILE OR PARTIALLY MOBILE SUBSTRATES BEDROCK BEDROCK/BOULDER BEDROCK/GRAVEL BEDROCK/GRAVEL SAND & GRAVEL SAND & GRAVEL SAND & GRAVEL SAND & GRAVEL SAND & GRAVEL SAND & GRAVEL SAND & GRAVEL SAN	AST and NORTH COAST project area which includes BIO_AREAS CC, 35 and NC. Tard exposure/ substrate table for Habitat Classification (HAB_OBS), for the Mid-coast BC study area, from Johnstone Strait/Central Coast Mapping Regions 5, 6 and 7. Image: Strait Coast Mapping Regions 2, 6 and 7. MOBILE COR PARTIALLY MOBILE SUBSTRATES CURRENT DOMINATE Image: Strait Coast Mapping Regions 2, 6 and 7. BEDROCK/ROAVEL BEDROCK/GRAVEL SAND A GRAVEL SAND A GRAVEL

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