Q U

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102P.050



Current Dominated

34 Channel 35 Tidal Lagoon

ave Exposu
- Exposed -
E - Very Exp
E - Semi Exp
- Protected -
P - Semi Pro
P - Verv Prot



- Very high wave exposure, open ocean swellsm usually fetches >500km

xposed - High wave exposure, open shorelines, areas between fully exposed and more sheltered, usually fetches 50 to 500km - Low wave expsoure, sheltered inlets, usually fetches less than 10km rotected - Moderate wave expsoure, partly sheltered, usually fetches 10-50km

Table MIDCO. The Species/ w	AST and NORTH C ave exposure/ subst	COAST project area w trate table for Habitat	vhich includes BIO_AR t Classification (HAB_C	EAS CC, JS and NC DBS)., for the Mid-co	ast BC study area, fro	om Johnstone Strait/G	Central Coast Ma	pping Region	s 5, 6 and 7.	
SUBSTRATE STABILITY	IMMOBILE SUBSTRATES				MOBILE OR PARTIALLY MOBILE SUBSTRATES				CURRENT- DOMI- NATED	TIDAL IAGOON
MAJOR SUBSTRATE	BEDROCK	BEDROCK/BOULDER	BEDROCK/GRAVEL	BEDROCK/GRAVEL	SAND & GRAVEL	SAND & GRAVEL	SAND/MUD	SEDIMENT	BEDROCK OR SEDIMENT	BEDROCK OR SEDIMENT
COASTAL CLASSES	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
EXPOSURE (EXP BIO)	Е	SE	SP	VP, P	SP	VP, P	VP, P, SP	SE, E	VP, P, SP	VP, P, SP
COMMUNITY CODE (HAB OBS)	2	3	4	5	6	7	8	9	10	11
upper	Verrucaria	Verrucaria Enteromorpha	Verrucaria Enteromorpha	Verrucaria Enteromorpha	Verrucaria Enteromorpha	Verrucaria Enteromorpha	grasses & rushes Salicornia virginica			
	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
middle	<b>Pollicipes polymerus</b> Mytilus californianus Semibalanus carriosus	Mytilus californianus Semibalanus carriosus	Mytilus trossulus* Semibalanus carriosus	Mytilus trossulus *	Semibalanus carriosus		Mytilus trossulus"	macrobiota due to sediment mobility	dominated; may be a Protected wave exposure but shows an	ponded water in
mid/low	Alaria 'nana' morph	Hedophyllum sessile Phyllospadix scouleri	Unvar Unvaria spp.	Owa Owaria spp.	Uwar Uwaria spp.	Uwa Uwana spp.	Owa/ Owana		indicator species from higher wave exposures. Assemblage	narrow intertidal and a reduced biota in brackish water, may have
lower	Lessoniopsis littoralis Lithothamnion	Alaria 'marginata' morph Lithothamnion	Laminaria groenlandica <b>Laminaria saccharina</b> Alaria 'marginata' morph Lithothamnion	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
subtidal	Nereocystis luetkeana	Nereocystis luetkeana Macrocystis integrifolia Agarum spp. Strongylocentrotus franciscanus	Nereocystis luetkeana Macrocystis integrifolia Agarum spp. Strongylocentrotus franciscanus Zostera marina	Macrocystis integrifolia Agarum spp. Zostera marina	Nereocystis luetkeana Macrocystis integrifolia Agarum spp. Strongylocentrotus franciscanus Zostera marina	Macrocystis integrifolia Agarum spp. Zastera marina	Zostera marina			

