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Kilometers Legend

• Unit Break Points Undefined

Immobile Substrates

💙 1 - Bedrock - CC 1-20 - VE	
2 - Bedrock - CC 1-20 - E	

3 - Bedrock/Boulder - CC 1-23, 32, 33 - SE **Current Dominated** → 4 - Bedrock/Gravel - CC 1-23, 33 - SP → 10 - Bedrock or Sediment - CC 34 - VP/P/SP

6 - Sand & Gravel - CC 24-26, 32 -SP 7 - Sand & Gravel - CC 24-26,32 - VP/P

Mobile/Partially Mobile Substrates



✓ 9 - Sediment - CC 21 - 30 - SE/E

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C	Туре	СС	Туре
Rock Sh	ore Types - characterized by a lack of clastic sediments such as gravel or sand.	Sediment	Shore Types - have substrates that have little or no bedcrock cropping out
	1 Rock Ramp, Wide	21	Gravel Flat, Wide
	2 Rock Platform Wide	22	Gravel Beach
	3 Rock Cliff Narrow	23	Gravel Flat or Fan
	4 Rock Ramp, Narrow	24	Sand and Gravel Flat or Fan, Wide
	5 Rock Platform Narrow	25	Sand and Gravel Beach
Rock ar	d Sediment Shore Types - rock and pockets of clastic sediments	26	Sand and Gravel Flat or Fan, Narrow
	6 Ramp with Gravel Beach, Wide	27	Sand Beach, Wide
	7 Platform with Gravel Beach, Wide	28	Sand Flat
	8 Cliff with Gravel Beach	29	Mud Flat
	9 Ramp with Gravel Beach, Narrow	30	Sand Beach, Narrow
	10 Platform with Gravel Beach, Narrow	31	Estuaries
	11 Ramp with Sand and Gravel Beach, Wide	Man-Made	e Materials
	12 Platform with Sand and Gravel Beach, Wide	32	Man-made, permeable
	13 Cliff with Sand and Gravel Beach	33	Man-made, impermeable
	14 Ramp with Sand and Gravel Beach, Narrow	Current Do	ominated
	15 Platform with Sand and Gravel Beach, Narrow	34	Channel
	16 Ramp with Sand Beach, Wide	35	Tidal Lagoon
	17 Platform with Sand Beach, Wide		
	18 Cliff with Sand Beach		
	19 Ramp with Sand Beach, Narrow		
	20 Platform with Sand Beach, Narrow		

features.

• The biobands observed,

Wave Exposure



P - Protected - Low wave expsoure, sheltered inlets, usually fetches less than 10km SP - Semi Protected - 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 rate table for Habitat	which includes BIO_AR t Classification (HAB_C	EAS CC, JS and NC. DBS)., for the Mid-coa	ast BC study area, fro	om Johnstone Strait/C	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 Balanus glanduia	Verrucaria Enteromorpha Balanus glandula Fucue distichus	Verrucaria Enteromorpha Balanus glandula Eucus distichus	Verrucaria Enteromorpha Balanus glandula Eucus distichus	Verrucaria Enteromorpha Balanus glandula Eucus distichus	Verrucaria Enteromorpha Balanus glandula Pucus distichus	grasses & rushes Salicornia virginica Balanus glandula Rucus dictichus	no visible	tidal current	Balanus glandula Fucus distichus
middle	Pollicipes polymerus Mytilus californianus Semibalanus carriosus	Mytilus californianus Semibalanus carriosus	Mytilus trossulus* Semibalanus carriosus Ulva/ Ulvaria spp.	Mytilus trossulus * Ulva/ Ulvaria spp.	Semibalanus carriosus Ulva/Ulvaria spp.	Ulva/ Ulvaria spp.	Mytilus trossulus" Ulva/ Ulvaria	macrobiota due to sediment mobility	tota dominated; may be a Protected tota wave exposure but shows an assemblage of indicator species from higher wave exposures. Assemblage observed is 'anomalous' for the wave energy of the site.	ponded water in lagoon creates narrow intertidal and a reduced biota in brackish water, may have associated current dominated at outflow
mid/low	Alaria 'nana' morph	Hedophyllum sessile Phyllospadix scouleri								
lower	Lessoniopsis littoralis Lithothamnion	Alaria 'marginata' morph Lithothamnion	Laminaria groenlandica Laminaria saccharina Alaria 'marginata' morph Lithothamnion	Laminaria saccharina	Laminaria groenlandica Laminaria saccharina Alaria 'marginata' morph Lithothamnion	Laminaria saccharina				
subtidal	Nereocystis luetkeana	Nereocystis luetkeana Macrocystis integrifolla 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. Zostera marina	Zostera marina			

