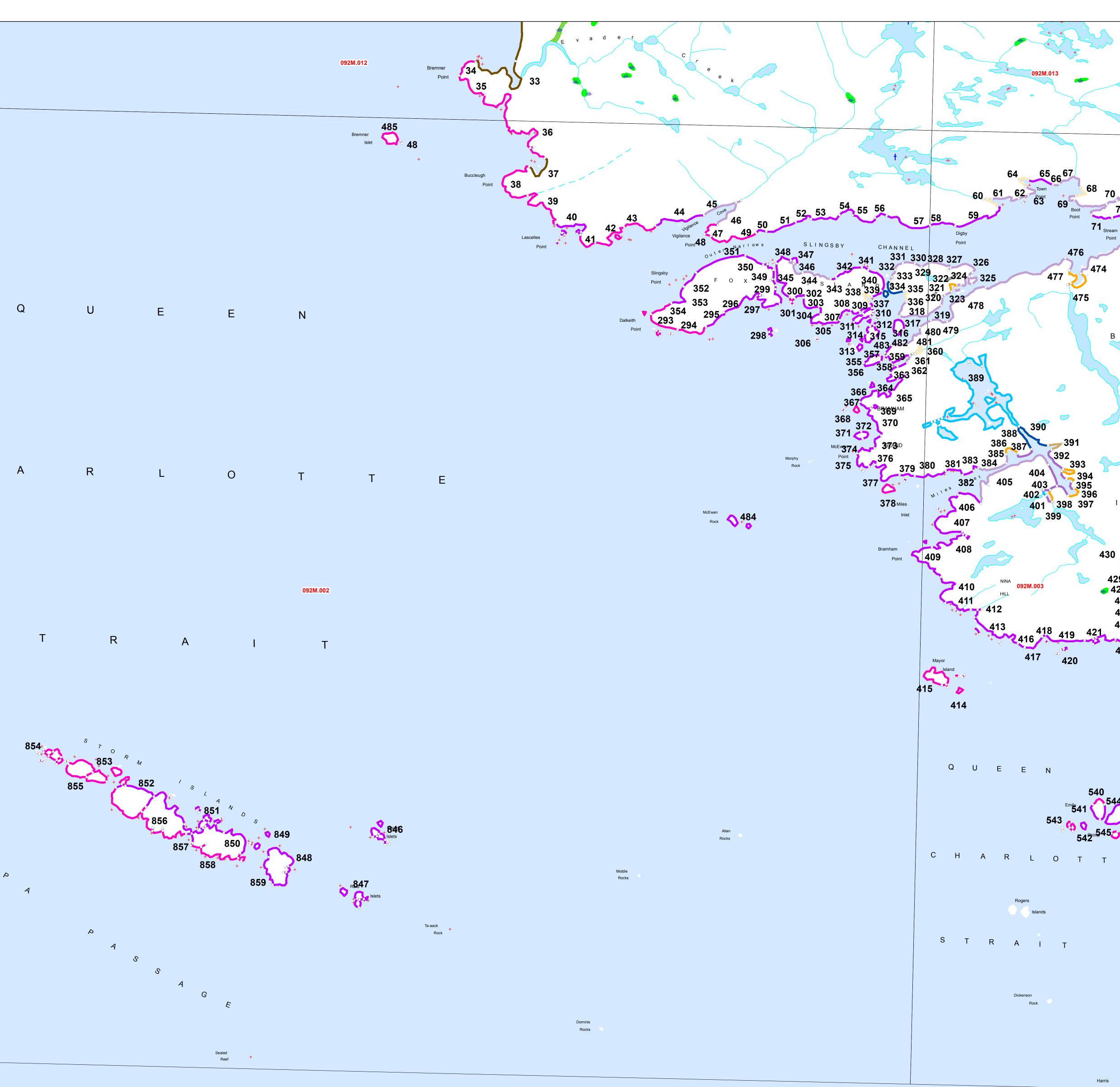
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		ي. لا
Data Source: Shoreline Type GeoBC Coastal Resource Shorezone Database, 2008 Base Information 1:20,000 GeoBC Terrain Resource Information Management (TRIM) Database 1:20,000 0 0.25 0.5 1 $S0$ 0.25 0.5 1 $S1$ S		
 Unit Break Points Undefined Immobile Substrates 1 - Bedrock - CC 1-20 - VE 2 - Bedrock - CC 1-20 - E 3 - Bedrock/Boulder - CC 1-23, 32, 33 - SE 4 - Bedrock/Gravel - CC 1-23, 33 - SP 5 - Bedrock/Gravel - CC 1-23,33 - P/VP 	 10 - Bedrock or Sediment - CC 34 - VP/P/SP Tidal Lagoon 11 - Bedrock or Sediment - CC 35 - VP/P/SP ICC Type 	The Habitat Type been mapped. T features. Each Habitat Typ Semi-exposed, It biobands and inc How is Habitat Typ To determine the 1.□records the o 2.□assigns a bio 3.□reviews the p 4.□assigns the H
Rock Shore Types - characterized by a lack of clastic sediments such as gravel or sar 1 Rock Ramp, Wide 2 Rock Platform Wide 3 Rock Cliff Narrow 4 Rock Ramp, Narrow 5 Rock Platform Narrow 8 Rock Platform Narrow 8 Rock Platform Narrow 8 Rode Ramp with Gravel Beach, Wide 7 Platform with Gravel Beach, Wide 8 Cliff with Gravel Beach, Wide 9 Ramp with Gravel Beach, Narrow 10 Platform with Gravel Beach, Narrow 11 Ramp with Sand and Gravel Beach, Wide 12 Platform with Sand and Gravel Beach, Wide 13 Cliff with Sand and Gravel Beach, Wide 14 Ramp with Sand and Gravel Beach, Narrow 15 Platform with Sand and Gravel Beach, Narrow 15 Platform with Sand and Gravel Beach, Narrow 16 Ramp with Sand Beach, Wide 17 Platform with Sand Beach, Wide 18 Cliff with Sand Beach, Wide 19 Ramp with Sand Beach, Narrow 20 Platform with Sand Beach, Narrow 20		4. □assigns the F The Habitat Type detailed across-s Habitat Type is a • □ the biobands o • □ the wave expo • □ the substrate t Legend Definition CC - Coastal Cla Wave Exposure E - Exposed - Ve VE - Very Expos SE - Semi Expos P - Protected - Lo SP - Semi Protec VP - Very Protec



Shoreline Habitat

pe provides a simplified picture of the "look" of the unit overall, based on the detailed biophysical attributes that have The Habitat Type category is a summary of the observations of both the unit's biologial and geomorphological ype has a definition that includes the typical substrate, wave exposure and biobands. For example, for the Immobile substrate Habitat Type, part of the definition of that class is a certain combination of the most likely dictor species present at a bedrock shoreline with no mobile sediment present.

Type determined? pe has typical biological features (including both an indicator species list and typical associated biobands). be Habitat Type, the biomapper looks at the along-shore Units as designated and described by the physical mapper, and observations of the biobands in the unit and looks for indicator species, o-(wave) exposure category,

physical mapped information, and Habitat Type that best describes the unit.

pe is based on the whole unit and is similar to the physical mappers use of the 'Coastal Class' category, in that the s-s-shore data are summarized into one attribute. The simplified category describes the features of the whole unit.

a summary of the biophysical classification of the whole shore unit, based on:

observed, osure as indicated by the bands, and types in the unit.

ns assification number

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

osed - 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 tected - Moderate wave expsoure, partly sheltered, usually fetches 10-50km ected - Very low wave exposure, fethces < 1km, sheltered anchorages at heads of bays and inletes

SUBSTRATE STABILITY MAJOR SUBSTRATE	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
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	Vernucaria	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 glandu Fucus distichus
M	Pollicipes polymerus Mytilus californianus	Mytilus californianus	Mytilus trossulus*	Mytilus trossulus *			Mytilus trossulus"	macrobiota due to sediment	dominated; may be a Protected wave exposure	
	Semibalanus carriosus	Semibalanus carriosus	Semibalanus carriosus Ulva/ Ulvaria spp.	Ulva/ Ulvaria spp.	Semibalanus carriosus Ulva/ Ulvaria spp.	Ulva/ Ulvaria spp.	Ulva/ Ulvaria	mobility	but shows an assemblage of	ponded water in lagoon creates
mid/low	dinin turnet much	Hedophyllum sessile						1	indicator species from higher	narrow intertidal and a reduced biota in brackish
	Alaria 'nana' morph	Phyllospadix scouleri							wave exposures. Assemblage	water, may have
lower	Lessoniopsis littoralis	Alaria 'marginata'	Laminaria groenlandica L aminaria saccharina Alaria 'marginata' morph	Laminaria saccharina	Laminaria groenlandica Laminaria saccharina Alaria 'marginata'	Laminaria saccharina			observed is 'anomalous' for the wave energy of the site.	associated current dominated at outflow
	Lithothamnion	morph Lithothamnion	Lithothamnion		morph Lithothamnion					
subtidal	Nereocystis luetkeana	Nereocystis Inetkeana Macrocystis integrifolia Agarum spp. Strongylocentrotus	Nereocystis luetkeana Macrocystis integrifolia Agarum spp. Strongylocentrotus	Macrocystis integrifolia Agarum spp.	Nereocystis luetkeana Macrocystis integrifolia Agarum spp. Strongylocentrotus	Macrocystis integrifolia Agarum spp.				
		franciscanus	franciscanus Zostera marina	Zostera marina	franciscanus Zostera marina	Zostera marina	Zostera marina			



