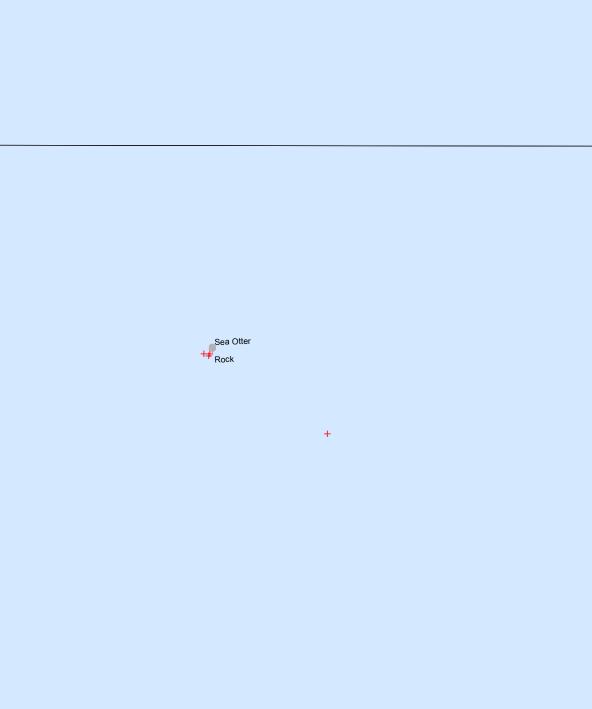
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				P	
					Y

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 S Kilometers		
Legend		
 Unit Break Points 	Mobile/Partially Mobile Substrates	
Undefined	─ 6 - Sand & Gravel - CC 24-26, 32 -SP	
Immobile Substrates	7 - Sand & Gravel - CC 24-26,32 - VP/P	The Hebitet Typ
1 - Bedrock - CC 1-20 - VE	8 - Estuary or Sand/Mud - CC 27-31 - VP/P/SP	The Habitat Typ been mapped. features.
2 - Bedrock - CC 1-20 - E	✓ 9 - Sediment - CC 21 - 30 - SE/E	Each Habitat Ty
	Current Dominated	Semi-exposed, biobands and in
4 - Bedrock/Gravel - CC 1-23, 33 - SP	10 - Bedrock or Sediment - CC 34 - VP/P/SP	How is Habitat T
5 - Bedrock/Gravel - CC 1-23,33 - P/VP	Tidal Lagoon	Each Habitat Ty To determine the 1.⊡records the o
	11 - Bedrock or Sediment - CC 35 - VP/P/SP	2.⊡assigns a bio
СС Туре	СС Туре	3.□reviews the 4.□assigns the
Rock Shore Types - characterized by a lack of clastic sediments such as gravel or sar 1 Rock Ramp, Wide	Sediment Shore Types - have substrates that have little or no bedcrock cropping out 21 Gravel Flat, Wide	_
2 Rock Platform Wide	22 Gravel Beach	The Habitat Typ detailed across-
3 Rock Cliff Narrow 4 Rock Ramp, Narrow	23 Gravel Flat or Fan 24 Sand and Gravel Flat or Fan, Wide	detailed across-
5 Rock Platform Narrow	25 Sand and Gravel Beach	Habitat Type is a
Rock and Sediment Shore Types - rock and pockets of clastic sediments 6 Ramp with Gravel Beach, Wide	26 Sand and Gravel Flat or Fan, Narrow 27 Sand Beach, Wide	•□the biobands
7 Platform with Gravel Beach, Wide	28 Sand Flat	•⊡the wave exp •⊡the substrate
8 Cliff with Gravel Beach 9 Ramp with Gravel Beach, Narrow	29 Mud Flat	
10 Platform with Gravel Beach, Narrow	30 Sand Beach, Narrow 31 Estuaries	Legend Definition
11 Ramp with Sand and Gravel Beach, Wide	Man-Made Materials	CC - Coastal Cl
12 Platform with Sand and Gravel Beach, Wide 13 Cliff with Sand and Gravel Beach	32 Man-made, permeable 33 Man-made, impermeable	Wave Exposure
14 Ramp with Sand and Gravel Beach, Narrow	Current Dominated	E - Exposed - V
15 Platform with Sand and Gravel Beach, Narrow 16 Ramp with Sand Beach, Wide	34 Channel 35 Tidal Lagoon	VE - Very Expos
17 Platform with Sand Beach, Wide		SE - Semi Expo P - Protected - L
18 Cliff with Sand Beach 19 Ramp with Sand Beach, Narrow		SP - Semi Prote
20 Platform with Sand Beach, Narrow		VP - Very Protect

Legend Definition
Wave Exposure E - Exposed - V VE - Very Expose SE - Semi Expose P - Protected - I SP - Semi Prote VP - Very Prote



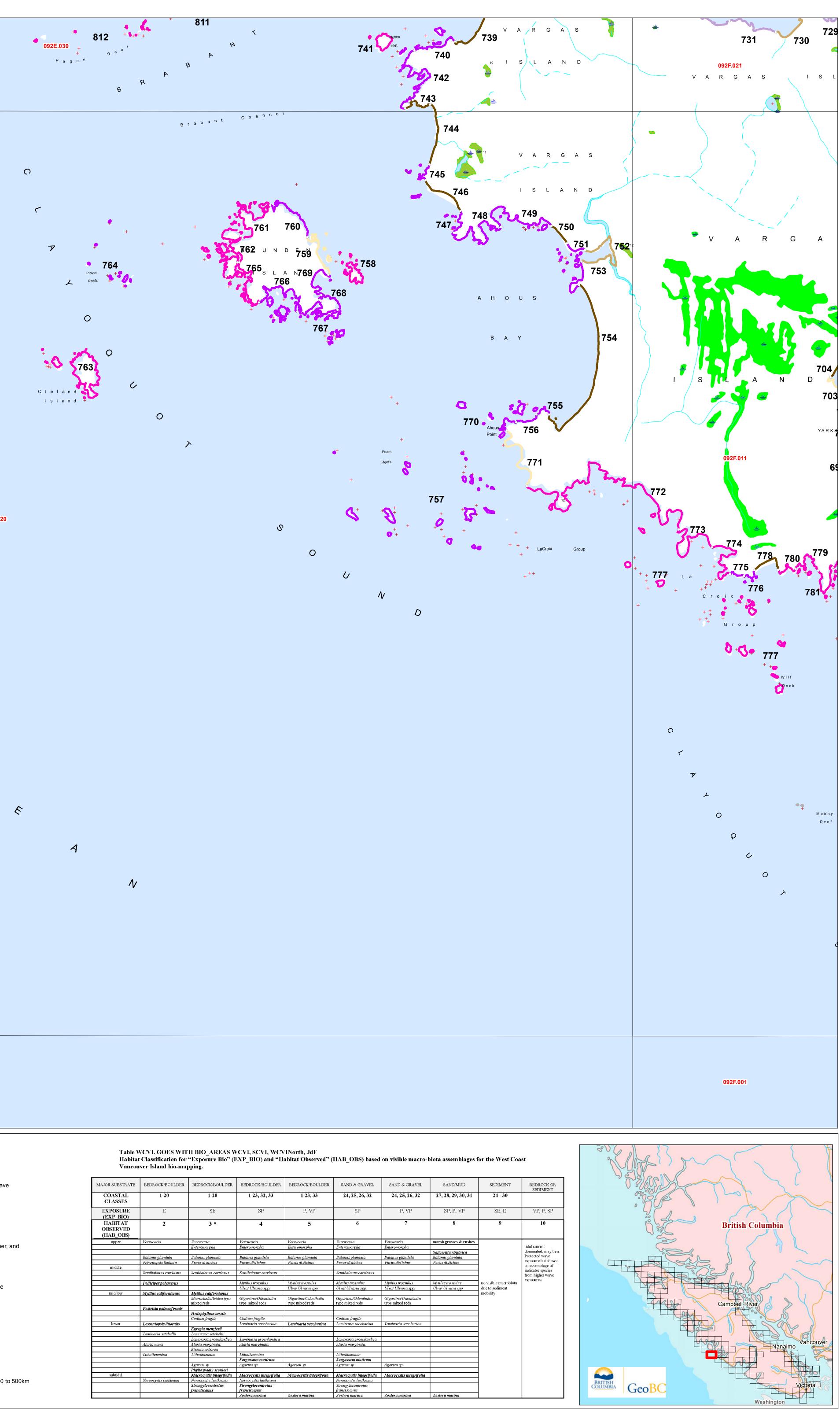
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Shoreline Habitat

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

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

bio-(wave) exposure category, he physical mapped information, and e Habitat Type that best describes the unit.

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

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

posure as indicated by the bands, and te types in the unit.

tions Classification number

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

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

MAJOR SUBSTRATE	BEDROCK/BOULDER	BEDROCK/BOULDER	BEDROCK/BOULDER	BEDROCK/BOULDER	SAND & GRAVEL	SAND & GRAVEL	SAND/MUD	SEDIMENT	BEDROCK OR SEDIMENT
COASTAL CLASSES	1-20	1-20	1-23, 32, 33	1-23, 33	24, 25, 26, 32	24, 25, 26, 32	27, 28, 29, 30, 31	24 - 30	
EXPOSURE (EXP_BIO)	Е	SE	SP	P, VP	SP	P, VP	SP, P, VP	SE, E	VP, P, SP
HABITAT OBSERVED (HAB_OBS)	2	3 *	4	5	6	7	8	9	10
upper	Verrucaria	Verrucaria	Verrucaria	Verrucaria	Verrucaria	Verrucaria	marsh grasses & rushes		
		Enteromorpha	Enteromorpha	Enteromorpha	Enteromorpha	Enteromorpha		1	tidal current
							Salicornia virginica	Protected exposure	dominated; may be a
	Balanus glandula	Balanus glandula	Balanus glandula	Balanus glandula	Balanus glandula	Balanus glandula	Balanus glandula		Protected wave
	Pelvetiopsis limitata	Fucus distichus	Fucus distichus	Fucus distichus	Fucus distichus	Fucus distichus	Fucus distichus		exposure but shows
middle									an assemblage of indicator species
	Semibalanus carriosus	Semibalanus carriosus	Semibalanus carriosus		Semibalanus carriosus			-	from higher wave
	Pollicipes polymerus		Mytilus trossulus	Mytilus trossulus	Mytilus trossulus	Mytilus trossulus	Mytilus trossulus	no visible macrobiota	exposures.
			Ulva/ Ulvaria spp.	Ulva/ Ulvaria spp.	Ulva/ Ulvaria spp.	Ulva/ Ulvaria spp.	Ulva/ Ulvaria spp.	due to sediment	
mid/low	Mytilus californianus	Mytilus californianus						mobility	
		Microcladia/Iridea type mixed reds	Gigartina/Odonthalia type mixed reds	Gigartina/Odonthalia type mixed reds	Gigartina/Odonthalia type mixed reds	Gigartina/Odonthalia type mixed reds			
	Postelsia palmaeformis							1	
	/	Hedophyllum sessile						1	
		Codium fragile	Codium fragile		Codium fragile				
lower	Lessoniopsis littoralis		Laminaria saccharina	Laminaria saccharina	Laminaria saccharina	Laminaria saccharina		1	
		Egregia menziesii						1	
	Laminaria setchellii	Laminaria setchellii							
		Laminaria groenlandica	Laminaria groenlandica		Laminaria groenlandica				
	Alaria nana.	Alaria marginata.	Alaria marginata.		Alaria marginata.				
		Eisenia arborea							
	Lithothamnion	Lithothamnion	Lithothamnion		Lithothamnion			_	
			Sargassum muticum		Sargassum muticum			4	
		Agarum sp	Agarum sp	Agarum sp	Agarum sp	Agarum sp		-	
1.111		Phyllospadix scouleri						4	
subtidal		Macrocystis integrifolia	Macrocystis integrifolia	Macrocystis integrifolia	Macrocystis integrifolia	Macrocystis integrifolia		4	
	Nereocystis luetkeana	Nereocystis luetkeana	Nereocystis luetkeana		Nereocystis luetkeana			4	
		Strongylocentrotus	Strongylocentrotus		Strongylocentrotus				
		franciscanus	franciscanus Zostera marina	Zostera marina	franciscanus Zostera marina	Zostera marina	Zostera marina	4	

