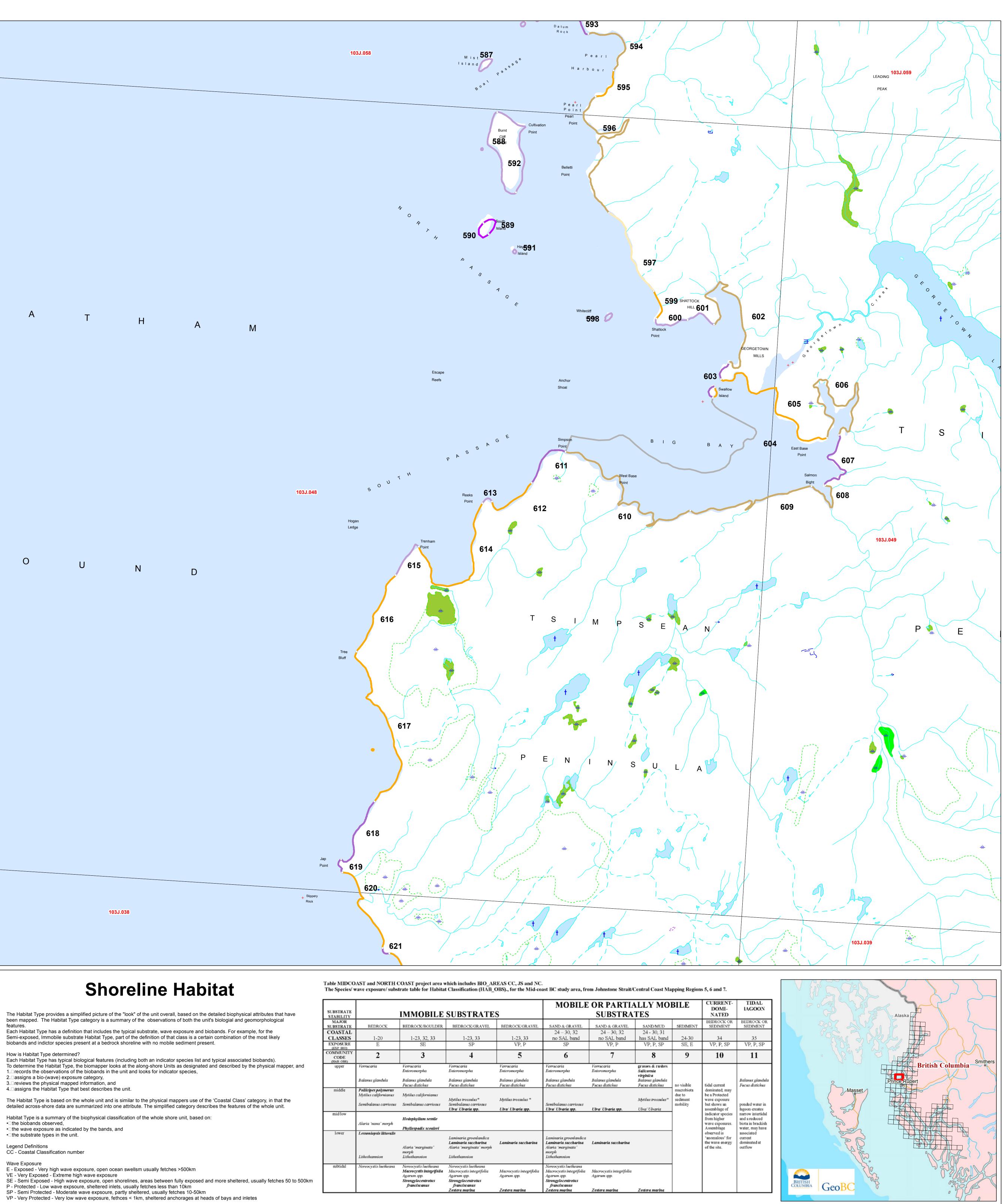
103J.048	103J.057				
			С	Ц	
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	103J.047				
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Data Source:					
Shoreline Type GeoBC Coastal Resource Shorezone Database, 20 Base Information 1:20,000 GeoBC Terrain Resource Information Management (TRIM) Database					
1:20,000 W 0 0.25 0.5 1 S	E				
Constraints  Kilometers  Kilo	Mobile/Partially N	lobile Substrates			
Undefined Undefined Immobile Substrates	<ul> <li>✓ 6 - Sand &amp; Gr</li> <li>✓ 7 - Sand &amp; Gr</li> </ul>	avel - CC 24-26, 32 -SP avel - CC 24-26,32 - VP/P	5		The Habitat <sup>-</sup> been mappe
<ul> <li>1 - Bedrock - CC 1-20 - VE</li> <li>2 - Bedrock - CC 1-20 - E</li> <li>3 - Bedrock/Boulder - CC 1-23, 32,</li> </ul>	33 - SE Current Dominate	ed			features. Each Habitat Semi-expose biobands and How is Habit
<ul> <li>4 - Bedrock/Gravel - CC 1-23, 33 - 3</li> <li>5 - Bedrock/Gravel - CC 1-23,33 - F</li> </ul>	P/VP <b>Tidal Lagoon</b> 11 - Bedrock d	or Sediment - CC 34 - VP/P/SP or Sediment - CC 35 - VP/P/SP			Each Habitat To determine 1. records th 2. assigns a 3. reviews t
CC         Type           Rock Shore Types - characterized by a lack of clastic sediments such as           1         Rock Ramp, Wide           2         Rock Platform Wide           3         Rock Cliff Narrow           4         Rock Ramp, Narrow           5         Rock Platform Narrow	21 Gravel Flat, W 22 Gravel Beach 23 Gravel Flat or	Fan rel Flat or Fan, Wide	out		4.⊡assigns t The Habitat <sup>-</sup> detailed acro
5 Rock Platform Narrow Rock and Sediment Shore Types - rock and pockets of clastic sediment 6 Ramp with Gravel Beach, Wide 7 Platform with Gravel Beach, Wide 8 Cliff with Gravel Beach 9 Ramp with Gravel Beach, Narrow 10 Platform with Gravel Beach, Narrow	s 26 Sand and Grav 27 Sand Beach, V 28 Sand Flat 29 Mud Flat 30 Sand Beach, N 31 Estuaries	rel Flat or Fan, Narrow /ide			Habitat Type ● the biobar ● the wave e • the substration Legend Defin
11Ramp with Sand and Gravel Beach, Wide12Platform with Sand and Gravel Beach, Wide13Cliff with Sand and Gravel Beach14Ramp with Sand and Gravel Beach, Narrow15Platform with Sand and Gravel Beach, Narrow16Ramp with Sand Beach, Wide	Man-Made     Materials       32     Man-made, pe       33     Man-made, in       Current Dominated       34     Channel       35     Tidal Lagoon	ermeable Ipermeable			CC - Coastal Wave Expos E - Exposed VE - Very Ex
17 Platform with Sand Beach, Wide 18 Cliff with Sand Beach 19 Ramp with Sand Beach, Narrow 20 Platform with Sand Beach, Narrow					SE - Semi E: P - Protecteo SP - Semi Pi VP - Very Pro

sure



at Type has a definition that includes the typical substrate, wave exposure and biobands. For example, for the sed, Immobile substrate Habitat Type, part of the definition of that class is a certain combination of the most likely

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

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

ands observed, exposure as indicated by the bands, and

finitions al Classification number

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)	E	1-25, 52, 55 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 glandula	Verrucaria Enteromorpha Balanus glandula Fucus distichus	Verrucaria Enteromorpha Balanus glandula Fucus distichus	Verrucaria Enteromorpha Balanus glandula Fucus distichus	Verrucaria Enteromorpha Balanus glandula Fucus distichus	Verrucaria Enteromorpha Balanus glandula Fucus distichus	grasses & rushes Salicornia virginica Balanus glandula Fucus distichus	macrobiota d due to b sediment w mobility b	tidal current dominated; may be a Protected wave exposure but shows an p assemblage of la indicator species m from higher a wave exposures. b Assemblage w observed is a 'anomalous' for co the wave energy d	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			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 <b>Laminaria saccharina</b> Alaria 'marginata' morph Lithothannion	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. <b>Zostera marina</b>	Zostera marina			

