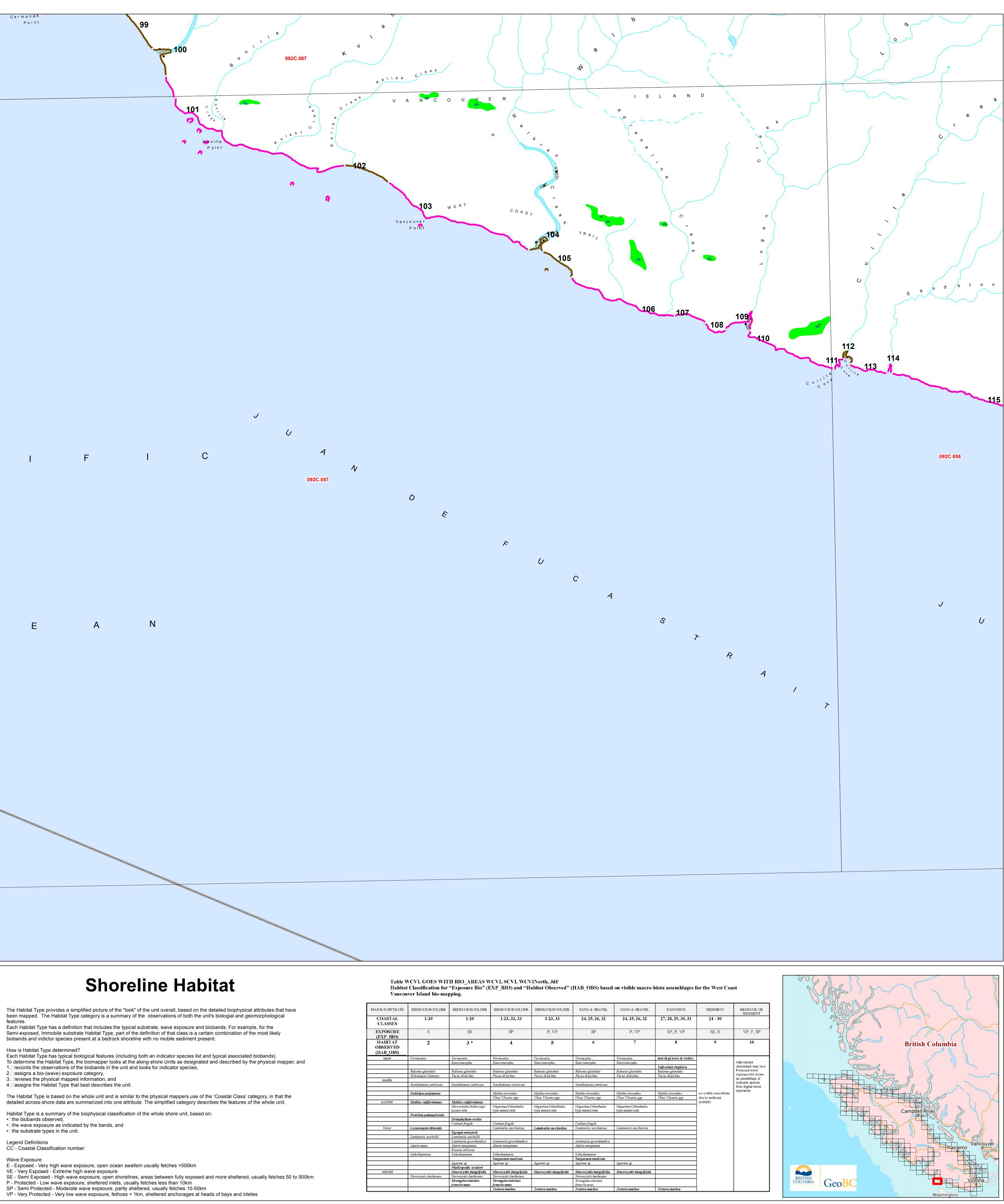
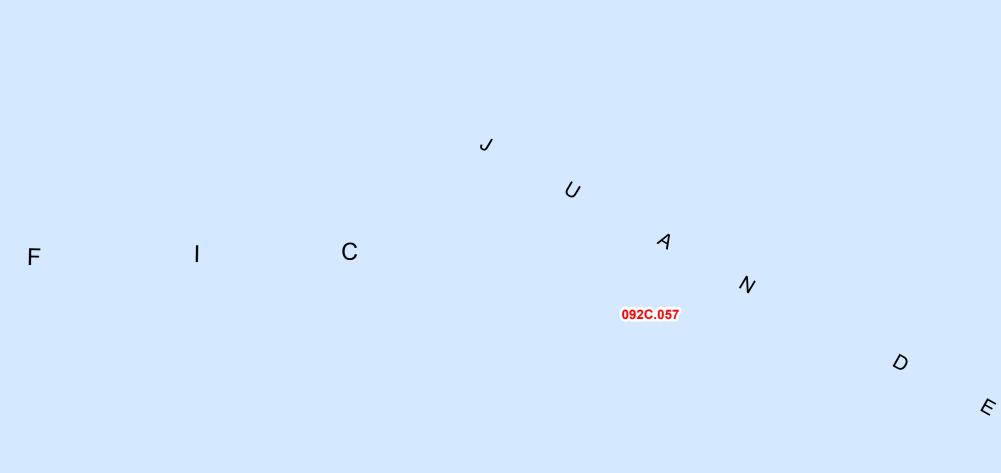
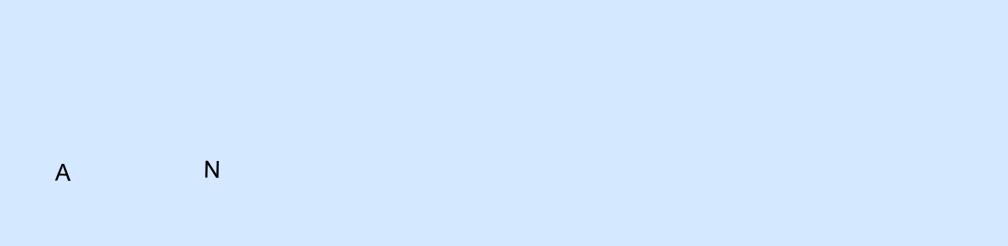
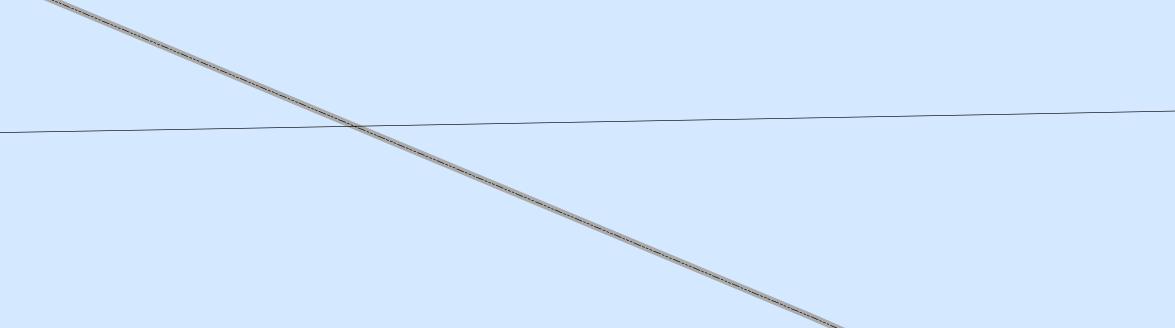
092C.057					Carmanà∛h	
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092C.066				*		
		Р	A	С	I	
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				The state of the s		
Data Source: Shoreline Type GeoBC Coastal Resource Shorezone Database, 2008						
Base Information 1:20,000 GeoBC Terrain Resource Information Management (TRIM) Database						
1:20,000 W E 0 0.25 0.5 1 S						
Kilometers						
 Unit Break Points Undefined 		ly Mobile Substrates & Gravel - CC 24-26, 32 -SP				
Immobile Substrates 1 - Bedrock - CC 1-20 - VE	~ 7 - Sand o	& Gravel - CC 24-26,32 - VP/P ry or Sand/Mud - CC 27-31 - VP/	/P/SP		The Habitat Ty been mapped. features.	
2 - Bedrock - CC 1-20 - E 3 - Bedrock/Boulder - CC 1-23, 32, 33 - 5	🔨 9 - Sedim	ient - CC 21 - 30 - SE/E			Each Habitat Ty Semi-exposed, biobands and in	
4 - Bedrock/Gravel - CC 1-23, 33 - SP 5 - Bedrock/Gravel - CC 1-23,33 - P/VP	Tidal Lagoon	ock or Sediment - CC 34 - VP/P			How is Habitat Each Habitat T To determine th 1.□records the	
CC Type Rock Shore Types - characterized by a lack of clastic sediments such as gravel o 1 Rock Ramp, Wide	СС Туре	ypes - have substrates that have little or no bedcrock			2.□assigns a b 3.□reviews the 4.□assigns the	
2 Rock Platform Wide 3 Rock Cliff Narrow 4 Rock Ramp, Narrow 5 Rock Platform Narrow	22 Gravel 23 Gravel 24 Sand a 25 Sand a	Beach Flat or Fan nd Gravel Flat or Fan, Wide nd Gravel Beach			The Habitat Tyµ detailed across Habitat Type is	
Rock and Sediment Shore Types - rock and pockets of clastic sediments 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	27 Sand B 28 Sand F 29 Mud Fl 30 Sand B	lat Jeach, Narrow			 the biobands the wave exp the substrate 	
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 14 Ramp with Sand and Gravel Beach, Narrow	31 Estuari Man-Made Mater 32 Man-r 33 Man-r Current Dominate	ies rials nade, permeable nade, impermeable ed			Legend Definiti CC - Coastal C Wave Exposure E - Exposed - \	
15 Platform with Sand and Gravel Beach, Narrow 16 Ramp with Sand Beach, Wide 17 Platform with Sand Beach, Wide	34 Channe 35 Tidal L	el			VE - Very Expo SE - Semi Expo	

18 Cliff with Sand Beach 19 Ramp with Sand Beach, Narrow 20 Platform with Sand Beach, Narrow









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	1	dominated; may be a
	Balanus glandula	Balanus glandula	Balanus glandula	Balanus glandula	Balanus glandula	Balanus glandula	Balanus glandula	1	Protected wave
	Pelvetiopsis limitata	Fucus distichus	Fucus distichus	1	exposure but shows				
middle]	an assemblage of
	Semibalanus carriosus	Semibalanus carriosus	Semibalanus carriosus		Semibalanus carriosus				indicator species 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	Gigartina/Odonthalia	Gigartina/Odonthalia	Gigartina/Odonthalia	Gigartina/Odonthalia			
		mixed reds	type mixed reds	type mixed reds	type mixed reds	type mixed reds			
	Postelsia palmaeformis								
		Hedophyllum sessile							
		Codium fragile	Codium fragile		Codium fragile				
lower	Lessoniopsis littoralis		Laminaria saccharina	Laminaria saccharina	Laminaria saccharina	Laminaria saccharina			
		Egregia menziesii							
	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				
		Agarum sp							
		Phyllospadix scouleri							
subtidal		Macrocystis integrifolia							
	Nereocystis luetkeana	Nereocystis luetkeana	Nereocystis luetkeana		Nereocystis luetkeana				
		Strongylocentrotus	Strongylocentrotus		Strongylocentrotus				
		franciscanus	franciscanus		franciscanus			l	
			Zostera marina	Zostera marina	Zostera marina	Zostera marina	Zostera marina	1	1

