	102P.079		
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Data Source: Shoreline Type GeoBC Coastal R	esource Shorezone Database, 2008		
Base Information 1:20,000 GeoBC Management (TR	Terrain Resource Information IM) Database N		
	1:20,000 W		



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		Dub
Data Source:		Poi
Shoreline Type		
GeoBC Coastal Resource Shorezone Database, 2008		
Lase Information		
Management (TRIM) Database		
W E		
0 0.25 0.5 1 S		
Kilometers		
Legend		
Legend		
<ul> <li>Unit Break Points</li> </ul>	Mobile/Partially Mobile Substrates	
Undefined	$\sim 0$ - Sanu & Graver - CC 24-20, 52 - SP	
Immobile Substrates	7 - Sand & Gravel - CC 24-26,32 - VP/P	
		been mapped.
1 - Bedrock - CC 1-20 - VE	8 - Estuary or Sand/Mud - CC 27-31 - VP/P/SP	features.
2 - Bedrock - CC 1-20 - E	✓ 9 - Sediment - CC 21 - 30 - SE/E	Each Habitat Ty
		biobands and ir
3 - Bedrock/Boulder - CC 1-23, 32, 33 - Sl	- Current Dominated	
4 - Bedrock/Gravel - CC 1-23. 33 - SP	10 - Bedrock or Sediment - CC 34 - VP/P/SP	How is Habitat
	Tidel Leveen	Each Habitat Ty To determine th
5 - Bedrock/Gravel - CC 1-23,33 - P/VP	lidal Lagoon	1.□records the
	11 - Bedrock or Sediment - CC 35 - VP/P/SP	2.⊡assigns a bi
		3. □ reviews the
Rock Shore Types - characterized by a lack of clastic sediments such as gravel or s	Ind. Sediment Shore Types - have substrates that have little or no bedcrock cropping out	
1 Rock Ramp, Wide 2 Rock Platform Wide	21 Gravel Flat, Wide 22 Gravel Beach	The Habitat Typ
3 Rock Cliff Narrow	23 Gravel Flat or Fan	detailed across
4 Rock Ramp, Narrow 5 Rock Platform Narrow	24 Sand and Gravel Flat or Fan, Wide 25 Sand and Gravel Beach	Habitat Type is
Rock and Sediment Shore Types - rock and pockets of clastic sediments	26 Sand and Gravel Flat or Fan, Narrow	• the biobands
6 Ramp with Gravel Beach, Wide 7 Platform with Gravel Beach, Wide	27 Sand Beach, Wide	•□the wave exp
8 Cliff with Gravel Beach	29 Mud Flat	•⊔the substrate
9 Ramp with Gravel Beach, Narrow 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 C
12 Platform with Sand and Gravel Beach, Wide 13 Cliff with Sand and Gravel Beach	32 Man-made, permeable	
14 Ramp with Sand and Gravel Beach, Narrow	Current Domînated	vvave ⊏xposure F - Fxnosed - V
15 Platform with Sand and Gravel Beach, Narrow	34 Channel	VE - Very Expo
17 Platform with Sand Beach, Wide		SE - Semi Expo
18 Cliff with Sand Beach		P - Protected - SP - Semi Prote
20 Platform with Sand Beach, Narrow		VP - Very Prote

IMMOBILE K BEDROCK/BOULDER 1-23, 32, 33	SUBSTRATES BEDROCK/GRAVEL	S	MOBILE	OR PARTIA	LLY MOI	BILE	CURRENT-	TIDAL
2K BEDROCK/BOULDER 1-23, 32, 33	BEDROCK/GRAVEL	BEDROCK/GRAVEL	MOBILE OR PARTIALLY MOBILE SUBSTRATES				CURRENT- DOMI- NATED	TIDAL IAGOON
1-23, 32, 33		DEDROOK/OKAYEE	SAND & GRAVEL	SAND & GRAVEL	SAND/MUD	SEDIMENT	BEDROCK OR SEDIMENT	BEDROCK OR SEDIMENT
SE	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
JE JE	SP	VP, P	SP	VP, P	VP, P, SP	SE, E	VP, P, SP	VP, P, SP
3	4	5	6	7	8	9	10	11
Verrucaria Enteromorpha ila 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	no visible tidal cu macrobiota dominal due to be a Pro sediment wave ex mobility but show assemb	tidal current	Balanus glandula Fucus distichus
neras nanus Mytilus californianus priosus Semibalanus carriosus	Mytilus trossulus* Semibalanus carriosus Utva' Utvaria spp.	Mytilus trossulus * Ulva/ Ulvaria spp.	Semibalanus carriosus Ulva/ Ulvaria spp.	Ulva/ Ulvaria spp.	Mytilus trossulus" Ulva/ Ulvaria		dominated; may be a Protected wave exposure but shows an assemblage of	ponded water in lagoon creates
Hedophyllum sessile norph Phyllospadix scouleri						indicator species from higher wave exposures Assemblage		narrow intertidal and a reduced biota in brackish water, may have
toralis Alaria 'marginata' morph Lithothamnion	Laminaria groenlandica L <b>aminaria saccharina</b> Alaria 'marginata' morph Lithothannion	Laminaria saccharina	Laminaria groenlandica Laminaria saccharina Alaria 'marginata' morph Lithothamnion	Laminaria saccharina			observed is 'anomalous' for the wave energy of the site.	associated current dominated at outflow
Ikeana Nereocystis luetkeana Macrocystis integrifolia Agarum spp. Strongylocentrotus franciscanus	Nereocystis luetkeana Macrocystis integrifolia Agarum spp. Strongylocentrotus franciscanus Zostera marina	Macrocystis integrifolia Agarum spp. <b>Zostera marina</b>	Nereocystis luetkeana Macrocystis integrifolia Agarum spp. Strongylocentrotus franciscanus Zostera marina	Macrocystis integrifolia Agarum spp. Zostera marina	Zastara maring			
vriosu wrph ttorali: tkean	s Semibalanus carriosus Hedophyllum sessile Phyllospadix scouleri s Alaria 'marginata' morph Lithothamnion Nereocystis Integrifolla Agarum spp. Strongylocentrotus franciscanus	s       Semibalanus carriosus         s       Semibalanus carriosus         Hedophyllum sessile       Utva/ Utvaria spp.         Hedophyllum sessile       Itva/ Utvaria spp.         S       Laminaria groenlandica         Alaria 'marginata'       Alaria 'marginata' morph         Lithothamnion       Lithothamnion         a       Nereocystis Integrifolia         Agarum spp.       Strongylocentrotus         Strongylocentrotus       franciscanus         Strongylocentrotus       Strongylocentrotus         Strongylocentrotus       Strongylocentrotus	Mytilus trossulus*       Mytilus trossulus *         s       Semibalanus carriosus       Ulva/ Ulvaria spp.         Hedophyllum sessile       Ulva/ Ulvaria spp.       Ulva/ Ulvaria spp.         Hedophyllum sessile       Itaminaria groenlandica       Itaminaria saccharina         Alaria 'marginata'       Alaria 'marginata' Alaria 'marginata' morph       Ithothamnion       Ithothamnion         Ithothamnion       Ithothamnion       Ithothamnion       Alario 'marginata' morph       Alaria 'marginata' morph         Ithothamnion       Ithothamnion       Ithothamnion       Alaria 'marginata' morph       Alaria 'marginata' morph         Ithothamnion       Ithothamnion       Ithothamnion       Alaria 'marginata' morph       Alaria 'marginata' morph         Ithothamnion       Ithothamnion       Ithothamnion       Alaria 'marginata' morph       Alaria 'marginata' morph         Ithothamnion       Ithothamnion       Ithothamnion       Alaria 'marginata' morph         Agarum spp.       Agarum spp.       Agarum spp.       Agarum spp.         Strongylocentrotus       franciscanus       Jariciscanus       Zostera marina	Semibalanus carriosus       Mytilus trossulus*       Mytilus trossulus *       Semibalanus carriosus         s       Semibalanus carriosus       Ulva/ Ulvaria spp.       Ulva/ Ulvaria spp.       Semibalanus carriosus         Hedophyllum sessile       Phyllospadix scouleri       Image: Carriosus       Ulva/ Ulvaria spp.       Semibalanus carriosus         s       Laminaria groenlandica       Laminaria groenlandica       Laminaria groenlandica       Laminaria saccharina         Alaria 'marginata'       Alaria 'marginata' marginata' morph       Lithothamnion       Lithothamnion       Lithothamnion         a       Nereocystis luetkeana       Nereocystis luetkeana       Macrocystis integrifolia       Macrocystis integrifolia         Agarum spp.       Strongylocentrotus       Strongylocentrotus       Strongylocentrotus       Strongylocentrotus         Jaster a marina       Zostera marina       Zostera marina       Zostera marina       Zostera marina	Mytilus trossulus*       Mytilus trossulus *         s       Semibalanus carriosus       Semibalanus carriosus         Ulva' Ulvaria spp.       Ulva' Ulvaria spp.       Ulva' Ulvaria spp.         Hedophyllum sessile       Phyllospadix scouleri       Image: Semibalanus carriosus         s       Laminaria groenlandica Laminaria saccharina       Laminaria saccharina         Alaria 'marginata'       Alaria 'marginata'       Lithothamnion         Lithothamnion       Lithothamnion       Lithothamnion         a       Nereocystis luetkeana Macrocystis luetkeana       Nereocystis luetkeana Agarum spp.       Nereocystis luetkeana Agarum spp.       Nereocystis integrifolia Agarum spp.       Macrocystis integrifolia Agarum spp.       Macrocystis integrifolia Agarum spp.       Macrocystis integrifolia Agarum spp.       Macrocystis integrifolia Agarum spp.       Nereocystis luetkeana Macrocystis integrifolia Agarum spp.       Macrocystis integrifolia Agarum spp.       Macrocystis integrifolia Agarum spp.       Nereocystis luetkeana Macrocystis integrifolia Agarum spp.       Macrocystis integrifolia Agarum spp.       Ma	Mytilus trossulus*       Mytilus trossulus *       Semibalanus carriosus       Ulva/ Ulvaria spp.       Ulva/ Ulvaria         Hedophyllum sessile   <	Mytilus trossulus*       Mytilus trossulus *       Mytilus trossulus *       Mytilus trossulus *       Semibalanus carriosus       Mytilus trossulus*       Mytilus trossulus*       Semibalanus carriosus       Mutative trossulus*       Semibalanus carriosus       Ulva/ Ulvaria spp.       Ulva/ Ulvaria spp.       Ulva/ Ulvaria       Mutative trossulus*       Semibalanus carriosus       Ulva/ Ulvaria spp.       Ulva/ Ulvaria       Mytilus trossulus*       Semibalanus carriosus       Mytilus trossulus*       Semibalanus carriosus       Mutative trossulus*       Semibalanus carriosus       Mutative trossulus*       Semibalanus carriosus       Mutative trossulus*       Mutative trossulus*       Mutative trossulus*       Mutative trossulus*       Mutative t	Mytilus trossulus**       Mytilus trossulus*       Mytilus trossulus*       Mytilus trossulus*       sediment       wave exposure         s       Semibalanus carriosus       Ulva/ Ulvaria spp.       Ulva/ Ulvaria spp.       Ulva/ Ulvaria spp.       Ulva/ Ulvaria       mobility       assemblage of indicator species         Hedophyllum sessile       Laminaria groenlandica       Laminaria groenlandica       Laminaria groenlandica       Laminaria saccharina       Laminaria saccharina       Laminaria saccharina       Laminaria saccharina       Laminaria saccharina       Alaria 'marginata'       Macrocystis integrifolia       Macrocys

