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	RODERICK					
Woodfibre Lake	+ 2 0					
Sylvia Lake		2			c	~ ~
		Creek o	C	r e e		
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Shoreline Habitat

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

Each Habitat Type has typical biological features (including both an indicator species list and typical associated biobands). To determine the Habitat Type, the biomapper looks at the along-shore Units as designated and described by the physical mapper, and 1. □ records the observations of the biobands in the unit and looks for indicator species,

2. assigns a bio-(wave) exposure category,
3. reviews the physical mapped information, and
4. assigns the Habitat Type that best describes the unit.

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

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

 •□the wave exposure as indicated by the bands, and

E - Exposed - Very high wave exposure, open ocean swellsm usually fetches >500km VE - Very Exposed - Extreme high wave exposure

SE - Semi Exposed - High wave exposure, open shorelines, areas between fully exposed and more sheltered, usually fetches 50 to 500km P - Protected - Low wave expsoure, sheltered inlets, usually fetches less than 10km SP - Semi Protected - Moderate wave expsoure, partly sheltered, usually fetches 10-50km VP - Very Protected - Very low wave exposure, fethces < 1km, sheltered anchorages at heads of bays and inletes

Table SOG. GOES WITH SSOG AND NSOG, part of CR

MAJOR SUBSTRATE	BEDROCK/BOULDER	BEDROCK/BOULDER	BEDROCK/BOULDER	SAND & GRAVEL	SAND & GRAVEL	SAND/MUD	SEDIMENT	BEDROCK OR SEDIMENT
COASTAL CLASSES	1-20	1-23, 32, 33	1-23, 33	24, 25, 26, 32	24, 25, 26, 32	27, 28, 29, 30, 31	24 - 30	SEDIVERT
EXPOSURE (EXP BIO)	SE	SP	P, VP	SP	P, VP	SP, P, VP	SE, E	VP, P, SP
HABITAT OBSERVED (HAB_OBS)	3 *	4	5	6	7	8	9	10
upper	Verrucaria	Verrucaria	Verrucaria			marsh grasses & rushes	-	tidal current dominated; may be a Protected wave
						Salicornia virginica		
	Balanus glandula	Balanus glandula	Balanus glandula	Balanus glandula	Balanus glandula	Balanus giandula		
	Fucus distichus	Fucus distichus	Fucus distichus	Fucus distichus	Fucus distichus	Fucus distichus		exposure but shows an assemblage of indicator
middle							-	species from higher way
	Semibalanus carriosus	Semibalanus carriosus		Semibalanus carriosus			4	exposures.
		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	Anthopleura elegantissima	Anthopleura elegantissima					mobility	
	Gelidium/Gastroclonium/ Leathesia/ Prionitis/ other bleached reds	Gelidium/Gastroclonium/ Leathesia/ Prionitis/ other bleached reds		Gelidium/Gastroclonium/ Leathesia/ Prionitis/ other bleached reds				
		Crassostrea gigas	Crassostrea gigas	Crassostrea gigas	Crassostrea gigas			
		Pisaster ochraceous		Pisaster ochraceous				
lower	bleached coralline reds	bleached coralline reds						
		Agarum sp.		Agarum sp.				
		Laminaria saccharina	Laminaria saccharina	Laminaria saccharina	Laminaria saccharina			
	Alaria spp.							
	Sargassum muticum	Sargassum muticum	Sargassum muticum ***	Sargassum muticum	Sargassum muticum **			
		Microcladia/ Irideae type mixed filamentous and foliose reds		Microcladia/ Irideae type mixed filamentous and foliose reds				
	Lithothamnion						1	
subtidal	Nereocystis luetkeana	Nereocystis luetkeana		Nereocystis luetkeana			1	
	Strongylocentrotus	Strongylocentrotus		Strongylocentrotus			1	
	franciscanus	franciscanus		franciscanus				
		Zostera marina	Zostera marina	Zostera marina	Zostera marina	Zostera marina	1	



