



Legend

• Unit Break Points	○ Undefined
Mobile/Partially Mobile Substrates	
6 - Sand & Gravel - CC 24-26, 32 - SP	7 - Sand & Gravel - CC 24-26,32 - VP/P
8 - Estuary or Sand/Mud - CC 27-31 - VP/SP	9 - Sediment - CC 21 - 30 - SE/E
10 - Bedrock or Sediment - CC 35 - VP/P/SP	
Immobile Substrates	
1 - Bedrock - CC 1-20 - VE	2 - Bedrock - CC 1-20 - E
3 - Bedrock/Boulder - CC 1-23, 32, 33 - SE	4 - Bedrock/Gravel - CC 1-23, 33 - SP
5 - Bedrock/Gravel - CC 1-23,33 - P/VP	
Tidal Lagoon	
11 - Bedrock or Sediment - CC 35 - VP/P/SP	

CC Type

Rock Shores	characterized by a lack of clastic sediments such as gravel or sand.	Sediment Shores	have substrates that have little or no bedrock crossing out
1 Rock Rampe, Wide		21 Gravel Flat, Wide	
2 Rock Platform, Wide		22 Gravel Beach	
3 Rock Rampe, Narrow		23 Gravel Flat or Fan, Wide	
4 Rock Platform, Narrow		24 Gravel Beach	
5 Rock Platform, narrow		25 Sand and Gravel Beach	
Rock Pools	characterized by pools and pockets of clastic sediments	6 Gravel Beach, Wide	
6 Gravel with Gravel Beach, Wide		7 Gravel Beach, Wide	
7 Platform with Gravel Beach, Wide		8 Gravel Beach, Narrow	
8 Gravel with Gravel Beach, Narrow		9 Gravel Beach, Narrow	
9 Platform with Gravel Beach, narrow		10 Gravel Beach, narrow	
10 Platform with Gravel Beach, narrow		11 Cliffs with Sand and Gravel Beach	
11 Cliffs with Sand and Gravel Beach, narrow		12 Cliffs with Sand and Gravel Beach, wide	
12 Platforms with Sand and Gravel Beach, wide		13 Cliffs with Sand and Gravel Beach, narrow	
13 Platforms with Sand and Gravel Beach, narrow		14 Cliffs with Sand Beach, wide	
14 Platforms with Sand Beach, wide		15 Cliffs with Sand Beach, narrow	
15 Platforms with Sand Beach, narrow		16 Ramps with Sand Beach, wide	
16 Ramps with Sand Beach, narrow		17 Ramps with Sand Beach, wide	
17 Ramps with Sand Beach, narrow		18 Cliffs with Sand Beach, narrow	
18 Platforms with Sand Beach, narrow		19 Ramps with Sand Beach, wide	
19 Ramps with Sand Beach, narrow		20 Platforms with Sand Beach, narrow	

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 biological and geomorphological features.

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 indicator species present at a bedrock shoreline with no mobile sediment.

How is Habitat Type determined?

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:

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 along-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:

Legend Definitions

CC - Coastal Classification number

Wave Exposure

E - Exposed - High wave exposure, open ocean swellism 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 exposure, sheltered inlets, usually fetches less than 10km

SP - Semi Protected - Moderate wave exposure, partly sheltered, usually fetches 10-50km

VP - Very Protected - Very low wave exposure, fetches < 1km, sheltered anchorages at heads of bays and inlets

Table SOG, GOES WITH SSOG AND NSOG, part of CR
Habitat Classification for "Exposure Bio" (EXP_BIO) and "Habitat Observed" (HAB_OBS) based on visible macro-biota assemblages for the Georgia Basin. Species assemblages revised according to analysis of field observations. See summary in Table 5 and Table 6.

MAJOR SUBSTRATE	BEDROCK/BOULDER	BEDROCK/BOULDER	BEDROCK/BOULDER	SAND & GRAVEL	SAND & GRAVEL	SAND/MUD	SEDIMENT	BEDROCK OR SEDIMENT
								COASTAL CLASSES
COASTAL CLASSES	1-20	1-23, 33	1-23, 33	24, 25, 26, 32	24, 25, 26, 32	27, 28, 29, 30, 31	24 - 30	
EXPOSURE (EXP_BIO)	SB	SP	P, VP	SP	P, VP	SP, P, VP	SB, E	VP, P, SP
HABITAT OBSERVED (HAB_OBS)	3 *	4	5	6	7	8	9	10
	Forecoral							
	Bottoms, flat, wide							
	Bottoms, flat, narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							
	Bottoms, flat, very narrow							