



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/P/SP	
9 - Sediment - CC 21 - 30 - SE/E	
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	
Current Dominated	
10 - Bedrock or Sediment - CC 34 - VP/P/SP	
Tidal Lagoon	
11 - Bedrock or Sediment - CC 35 - VP/P/SP	
Rock Shores characterized by a lack of clastic sediments such as gravel or sand.	
Sediment types - have substrates that have little or no bedrock crossing out	
1 - Rock Ramp, Wide	21 - Gravel Flat, Wide
2 - Rock Platform, Wide	22 - Gravel Beach
3 - Rock Ramp, Narrow	23 - Sand Beach, Wide
4 - Rock Ramp, Narrow	24 - Sand and Gravel Flat or Fan, Wide
5 - Rock Platform, Narrow	25 - Sand and Gravel Beach
Rock platforms characterized by rock and pockets of clastic sediments	
6 - Ram with Gravel Beach, Wide	26 - Sand Beach, Narrow
7 - Platform with Gravel Beach, Wide	27 - Sand Beach, Wide
8 - Ram with Gravel Beach, Narrow	28 - Gravel Beach
9 - Ram with Gravel Beach, Narrow	29 - Gravel Beach, Narrow
10 - Platform with Gravel Beach, narrow	30 - Gravel Beach, Wide
11 - Platform with Gravel Beach, narrow	31 - Gravel Beach
12 - Platform with Gravel Beach, wide	32 - Gravel Beach, permeable
13 - Cliff with Sand and Gravel Beach	33 - Gravel Beach, impermeable
14 - Cliff with Sand and Gravel Beach, narrow	
15 - Platform with Sand and Gravel Beach, Wide	34 - Channel
16 - Ram with Sand Beach, Wide	35 - Tidal Lagoon
17 - Ram with Sand Beach, Narrow	
18 - Cliff with Sand Beach, Narrow	
19 - Ram with Sand Beach, Wide	
20 - Platform 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 present.

How is Habitat Type determined?

Each Habitat Type has typical biological features (including both an indicator species list and typical associated biobands).

To determine a Habitat Type, the biomapper looks at the along-shore Units as designated and described by the physical mapper, and

1. reviews the typical biological features in the biobands in the unit and looks for indicator species,

2. assigns a bio-stratigraphic 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
- the substrate types in the unit.

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	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)	SE	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	Forecoral	Forecoral					
	Bottom, flat, wide	Bottom, flat, wide	Bottom, flat, wide					
	Face, flat	Face, flat	Face, flat					
	Face, flat, narrow	Face, flat, narrow	Face, flat, narrow					
	Face, flat, very narrow	Face, flat, very narrow	Face, flat, very narrow					
	Face, flat, narrow	Face, flat, narrow	Face, flat, narrow					
	Face, flat, very narrow	Face, flat, very narrow	Face, flat, very narrow					
	Face, flat, narrow	Face, flat, narrow	Face, flat, narrow					
	Face, flat, very narrow	Face, flat, very narrow	Face, flat, very narrow					
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	Face, flat, narrow	Face, flat, narrow	Face, flat, narrow					
	Face, flat, very narrow	Face, flat, very narrow	Face, flat, very narrow					
	Face, flat, narrow	Face, flat, narrow	Face, flat, narrow				</td	