



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	
CC - Type	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 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 Ramps - characterized by a lack of clastic sediments such as gravel or sand.	
6 Rampe with Gravel Beach, Wide	26 Sand Beach, Narrow
7 Platform with Gravel Beach, Wide	27 Sand Beach, Wide
8 Rampe with Gravel Beach, Narrow	28 Sand Beach
9 Rampe with Gravel Beach, Narrow	29 Sand Beach, Narrow
10 Platform with Gravel Beach, narrow	30 Sand Beach
11 Platform with Gravel Beach, narrow	31 Clusters
12 Cliff with Sand and Gravel Beach, Wide	32 Channel
13 Cliff with Sand and Gravel Beach, Wide	33 Total Lagoon
14 Cliff with Sand and Gravel Beach, Narrow	
15 Platform with Sand and Gravel Beach, Wide	
16 Platform with Sand and Gravel Beach, Wide	
17 Cliff with Sand Beach, Narrow	
18 Rampe with Sand Beach, Wide	
19 Rampe with Sand Beach, Narrow	
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 the 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 of 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
	frontal	frontal	frontal	frontal	frontal	frontal	frontal	frontal
	bottom	bottom	bottom	bottom	bottom	bottom	bottom	bottom
	middle	middle	middle	middle	middle	middle	middle	middle
	upper	upper	upper	upper	upper	upper	upper	upper
	midway	midway	midway	midway	midway	midway	midway	midway
	upper	upper	upper	upper	upper	upper	upper	upper
	middle	middle	middle	middle	middle	middle	middle	middle
	lower	lower	lower	lower	lower	lower	lower	lower
	bottom	bottom	bottom	bottom	bottom	bottom	bottom	bottom
	upper	upper	upper	upper	upper	upper	upper	upper
	middle	middle	middle	middle	middle	middle	middle	middle
	lower	lower	lower	lower	lower	lower	lower	lower
	bottom	bottom	bottom	bottom	bottom	bottom	bottom	bottom
	upper	upper	upper	upper	upper	upper	upper	upper
	middle	middle	middle	middle	middle	middle	middle	middle
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