



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
- 10 - Bedrock or Sediment - CC 34 - VP/P/SP
- 11 - 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

- 12 - Bedrock or Sediment - CC 35 - VP/P/SP

Rock Shores characterized by a lack of clastic sediments such as gravel or sand.

CC	Type
1	Rock Rampe, Wide
2	Rock Platform, Wide
3	Rock Platform, Narrow
4	Rock Rampe, Narrow
5	Rock Platform, Narrow
6	Rampe with Gravel Beach, Wide
7	Platform with Gravel Beach, Wide
8	Platform with Gravel Beach, Narrow
9	Rampe with Gravel Beach, Narrow
10	Platform with Gravel Beach, Narrow
11	Rampe with Sand Beach, Wide
12	Platform with Sand Beach, Wide
13	Rampe with Sand Beach, Narrow
14	Platform with Sand Beach, Narrow
15	Rampe with Sand Beach, Wide
16	Platform with Sand Beach, Wide
17	Rampe with Sand Beach, Narrow
18	Platform with Sand Beach, Narrow
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:

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 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

VP - 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 WCVL GOES WITH BIO_AREAS WCVL, SCVL, WCVLNorth, JdF
Habitat Classification for "Exposure Bio" (EXP_BIO) and "Habitat Observed" (HAB_OBS) based on visible macro-biota assemblages for the West Coast Vancouver Island bio-mapping.

MAJOR SUBSTRATE	BEDROCK/BOULDER	BEDROCK/BOULDER	BEDROCK/BOULDER	BEDROCK/BOULDER	SAND & GRAVEL	SAND & GRAVEL	SANDMUD	SEDIMENT	BEDROCK OR SEDIMENT
COASTAL CLASSES	1-20	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)	E	SB	SP	P, VP	SP	P, VP	SP, P, VP	SE, E	VP, P, SP
HABITAT OBSERVED (HAB_OBS)	2	3 *	4	5	6	7	8	9	10
open	Terraneo	marshes & reeds & rushes							
	Estuaries								
	Estuaries								
	Estuaries								
middle	Sediment	no visible macrofauna due to sediment mobility							
	Sediment	no visible macrofauna due to sediment mobility							
midlow	Platform/rocky	Platform/rocky							
	platforms	platforms							
low	Lesseptiphiotids	Lesseptiphiotids	Codium fragile	Codium fragile					
	Lomentaria archidella	Lomentaria archidella							

