

Rock	Type	cc	Type
Rock types characterized by a lack of classic sediments such as gravel or sand.		Rock types that have substrates that have little or no bedrock cropping out	
3	Black Beach, Wide	23	Gravel Flat, Wide
4	Black Platform, Wide	24	Gravel Beach
5	Black Cliff, Narrow	25	Gravel Flat, Fan
6	Black Ramp, Narrow	26	Sand and Gravel Flat or Fan, Wide
7	Black Platform, Narrow	27	Sand and Gravel Flat or Fan, Narrow
Rock and Sediment Shore Types, rock and pockets of classic sediments		28	Gravel Beach, Wide
8	Ramp with Gravel Beach, Wide	29	Sand Flat
9	Cliff with Gravel Beach	30	Gravel Flat
10	Ramp with Gravel Beach, Narrow	31	Gravel Beach, Narrow
11	Platform with Gravel Beach, Narrow	32	Shoals
12	Ramp with Sand and Gravel Beach, Wide	Man-Made Materials	
13	Platform with Sand and Gravel Beach, Wide	33	Stone-made, permeable
14	Cliff with Sand and Gravel Beach	34	Man-made, impermeable
15	Ramp with Sand and Gravel Beach, Narrow	Current dominated	
16	Platform with Sand and Gravel Beach, Narrow	35	Flats
17	Ramp with Sand Beach, Wide	36	Shoal
18	Platform with Sand Beach, Wide	37	Long Lagoon
19	Cliff with Sand Beach		
20	Ramp with Sand Beach, Narrow		
21	Platform with Sand Beach, Narrow		

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 units 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 biopanner 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 life-(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 biobands observed,
- 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 - Very high wave exposure, open ocean swells 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
VP - Very Protected - Moderate wave exposure, partly sheltered, usually fetches 10 to 50km
V - Protected - Very low wave exposure, fetches <1km, sheltered anchorages at heads of bays and inlets

* Bolding indicates diagnostic species used to distinguish "communities". Square brackets [] enclose species at VE AB_OBS 1 which may be present but are in reduced abundance and size. Note that the absence of species assemblages are as diagnostic as species' presence. Community Code type 1 (VE = very exposed) occurs only on the southwest coast of Moresby Island.

