

Rock Type	Ecotype	Rock Type	Ecotype
Rock Shore, Wide	21	Rock Shore, Wide	21
Rock shore types - characterized by a lack of clastic sediments such as gravel or sand.			
2 Rock Platform, Wide	22	2 Rock Platform, Wide	22
3 Rock Cliff, Narrow	23	3 Rock Cliff, Narrow	23
4 Rock Bank, Narrow	24	4 Rock Bank, Narrow	24
5 Rock Platform, Narrow	25	5 Rock Platform, Narrow	25
Rock and Sediment Shore Types - rock and pebbles of clastic sediments			
6 Ramp with Gravel Beach, Wide	26	6 Ramp with Gravel Beach, Wide	26
7 Platform with Gravel Beach, Wide	27	7 Platform with Gravel Beach, Wide	27
8 Cliff with Gravel Beach	28	8 Cliff with Gravel Beach	28
9 Ramp with Gravel Beach, Narrow	29	9 Ramp with Gravel Beach, Narrow	29
10 Platform with Gravel Beach, Narrow	30	10 Platform with Gravel Beach, Narrow	30
11 Ramp with Sand and Gravel Beach, Wide	31	11 Ramp with Sand and Gravel Beach, Wide	31
12 Platform with Sand and Gravel Beach, Wide	32	12 Platform with Sand and Gravel Beach, Wide	32
13 Cliff with Sand and Gravel Beach	33	13 Cliff with Sand and Gravel Beach	33
14 Ramp with Sand and Gravel Beach, Narrow	34	14 Ramp with Sand and Gravel Beach, Narrow	34
15 Platform with Sand and Gravel Beach, Narrow	35	15 Platform with Sand and Gravel Beach, Narrow	35
16 Ramp with Sand Beach, Wide	36	16 Ramp with Sand Beach, Wide	36
17 Platform with Sand Beach, Wide	37	17 Platform with Sand Beach, Wide	37
18 Cliff with Sand Beach	38	18 Cliff with Sand Beach	38
19 Ramp with Sand Beach, Narrow	39	19 Ramp with Sand Beach, Narrow	39
20 Platform with Sand Beach, Narrow	40	20 Platform with Sand Beach, Narrow	40
Non-Made Materials			
	41	41	41
	42	42	42
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	100	100	100

KC	Type
Sediment Shore Types - have substrates that have little or no bedrock cropping out	
21	Gravel Flat, Wide
22	Gravel Beach
23	Gravel Flat or Pan
24	Sand and Gravel Flat or Pan, Wide
25	Sand and Gravel Beach
26	Sand and Gravel Flat or Pan, Narrow
27	Gravel Beach, Wide
28	Sand Flat
29	Mud Flat
30	Sand Beach, Narrow
31	Estuary
Man-Made Materials	
32	Brick-made, permeable
33	Brick-made, impermeable
Current Dominant	
34	Channel
35	Total Lagoon

The Habitat Type provides a simple 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?

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. records the observations of the biobands in the unit and looks for indicator species,
2. assigns a bio (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 >500m

VE - Very Exposed - Extreme high wave exposure

SE - Semi Exposed - High wave exposure, open shorelines, areas below high exposure and more sheltered, usually fetches 50 to 500m

P - Protected - Low wave exposure, sheltered inlets, usually fetches less than 10km

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

SH - Very 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.

