103B.042

103B.042				
	103B.051		ΟСΕΑΝ	+
			Р	А
				0
Data Source: Shoreline Type GeoBC Coastal Baseuras Shareway Data	hase 2008			
Base Information 1:20,000 GeoBC Terrain Resource Informat	tion			
Ivianagement (TRIM) Database 1:20,000				
0 0.25 0.5 1	S			
Kilometers				
Legend				
• Unit Break Points	Mobile	Partially Mobile Substrates		
 Undefined Immobile Substrates 		5 - Sanu & Gravel - CC 24-26, 32 -SP 7 - Sand & Gravel - CC 24-26.32 - VP/P		The Habitat Type
1 - Bedrock - CC 1-20 - VE		3 - Estuary or Sand/Mud - CC 27-31 - VP/P/SP		been mapped. The features. Each Habitat Type
2 - Bedrock - CC 1-20 - E		9 - Sediment - CC 21 - 30 - SE/E		Semi-exposed, Ir biobands and ind
3 - Bedrock/Boulder - CC 1	1-23, 32, 33 - SE Curren	t Dominated		How is Habitat Ty Each Habitat Typ
 4 - весгоск/Gravel - СС 1- 5 - Bedrock/Gravel - СС 1- 	23,33 - 5P · · · · · · · · · · · · · · · · · ·			Io determine the 1.⊡records the ol 2.⊡assigns a bio-
CC Type Rock Shore Types - characterized by a lack of clastic sediment	nts such as gravel or sand. Sediment S	Type hore Types - have substrates that have little or no bedcrock cropping out		3.□reviews the pl 4.□assigns the H
1 Rock Ramp, Wide 2 Rock Platform Wide 3 Rock Cliff Narrow	21 22 23	Gravel Flat, Wide Gravel Beach Gravel Flat or Fan		The Habitat Type detailed across-s

CC	Туре		CC	Туре
Rock Shore	Rock Shore Types - characterized by a lack of clastic sediments such as gravel or sand.		Sediment S	Shore Types - have substrates that have little or no bedcrock cropping out
1	Rock Ramp, Wide		21	Gravel Flat, Wide
2	Rock Platform Wide		22	Gravel Beach
3	Rock Cliff Narrow		23	Gravel Flat or Fan
4	Rock Ramp, Narrow		24	Sand and Gravel Flat or Fan, Wide
5	Rock Platform Narrow		25	Sand and Gravel Beach
Rock and S	ediment Shore Types - rock and pockets of clastic sediments		26	Sand and Gravel Flat or Fan, Narrow
6	Ramp with Gravel Beach, Wide		27	Sand Beach, Wide
7	Platform with Gravel Beach, Wide		28	Sand Flat
8	Cliff with Gravel Beach		29	Mud Flat
9	Ramp with Gravel Beach, Narrow		30	Sand Beach, Narrow
10	Platform with Gravel Beach, Narrow		31	Estuaries
11	Ramp with Sand and Gravel Beach, Wide		Man-Made	e Materials
12	Platform with Sand and Gravel Beach, Wide		32	Man-made, permeable
13	Cliff with Sand and Gravel Beach		33	Man-made, impermeable
14	Ramp with Sand and Gravel Beach, Narrow		Current Do	ominated
15	Platform with Sand and Gravel Beach, Narrow		34	Channel
16	Ramp with Sand Beach, Wide		35	Tidal Lagoon
17	Platform with Sand Beach, Wide			
18	Cliff with Sand Beach			
19	Ramp with Sand Beach, Narrow			
20	Platform with Sand Beach, Narrow			

















	Table QCI/GH. Original spp/hab table from Gwaii Haanas Habitat Classification Based on Visible Macro-Biota Assemblages for the Queen Charlotte shoreline									
SUBSTRATE						MOBILE OR PARTIALLY MOB			BILE	CURRENT- DOMI-
STABILITY	IMMOBILE SUBSTRATES					SUBSTRATES				NATED
MAJOR SUBSTRATE	BEDROCK	BEDROCK	BEDROCK/BOULDER	BEDROCK/GRAVEL	BEDROCK/GRAVEL	SAND & GRAVEL	SAND & GRAVEL	ESTUARY or SAND/MUD	SEDIMENT	BEDROCK OR SEDIMENT
COASTAL CLASSES	1-20	1-20	1-23, 32, 33	1-23, 33	1-23, 33	24, 25, 26, 32	24, 25, 26, 32	27, 28, 29, 30, 31	21-30	34
EXPOSURE (EVP BIO)	VE	Е	SE	SP	VP, P	SP	VP, P	VP, P, SP	SE, E	VP, P, SP
COMMUNITY CODE (HAB_OBS)	1	2	3	4	5	6	7	8	9	10
upper	Verrucaria	Verrucaria	Vernucaria Enteromorpha Polonno olan dolo	Verrucaria Enteromorpha	Verrucaria Enteromorpha Polonocolocidade	Verrucaria Enteromorpha	Verrucaria Enteromorpha Relevus eles dele	grasses & rushes Salicornia virginica		tidal aumont
	Balanus glandula	Balamis glandula	Balanus glanaula Fucus distichus	Balanus glandula Fucus distichus	Balanus glandula Fucus distichus	Fucus distichus	Balanus glandula Fucus distichus	Balanus glandula Fucus distichus		dominated; may
middle	Pollicipes polymerus Mytilus californianus	Pollicipes polymerus Mytilus californianus	Mytilus californianus	Mytilus traceulus	Mytilus trasculus	Metilus trasculus	Motilus trasculus	Motilus trasculus		be a protected wave exposure but shows an
	[Semibalanus carriosus]	Semibalanus carriosus	Semibalanus carriosus	Semibalanus carriosus Ulva/ Ulvaria spp.	Ulva/Ulvaria spp.	Semibalanus carriosus Ulva/ Ulvaria spp.	Ulva/Ulvaria spp.	Ulva/ Ulvaria	no visible	assemblage of indicator species
mid/low	[Aleria 'newa' momb]	Alexia 'news' morph	Halosaccion glandiforme Hedophyllum sessile	Halosaccion glandiforme	Halosaccion glandiforme	Halosaccion glandiforme	Halosaccion glandiforme		intertidal macrobiota due to	from higher wave exposures.
	L'Andria mana morphy	лина жна шогри	Codium fragile Phyllospadix scouleri Egregia menziesii	Codium fragile		Codium fragile			sediment mobility	Assemblage observed is 'anomalous' for
lower	Lessoniopsis littoralis [Laminaria setchelli] lush foliose coralline reds: Bossiella/ Calliarthron/Corallina	Lessoniopsis littoralis Laminaria setchelli foliose coralline reds	Laminaria setchelli Laminaria groenlandica diverse mixed red algae Alaria 'marginata' morph	Laminaria groenlandica Laminaria saccharina Alaria 'marginata'morph	Laminaria saccharina	Laminaria groenlandica Laminaria saccharina Alaria 'marginata'morph	Laminaria saccharina			the wave energy of the site.
subtidal	Nereocystis Inetkeana	Lithothamnion Nereocystis luetkeana	Nereocystis luetkeana	Nereocystis luetkeana		Nereocystis luetkeana			1	
2001104			Macrocystis integrifolia Agarum spp. Strongylocentrotus franciscanus	Macrocystis integrifolia Agarum spp. Strongylocentrotus franciscanus	Macrocystis integrifolia Agarum spp.	Macrocystis integrifolia Agarum spp. Strongylocentrotus franciscanus	Macrocystis integrifolia Agarum spp.			
				Zostera marina	Zostera marina	Zostera marina	Zostera marina	Zostera marina		
* 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.										

