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| · 8 | | |
| Data Source: Shoreline Type GeoBC Coastal Resource Shorezone Database, 2008 Base Information | | 103 099 |
| 1:20,000 GeoBC Terrain Resource Information Management (TRIM) Database 1:20,000 | GAP | |
| 0 0.25 0.5 1 S L I I I I I I S Kilometers | МТМ | |
| Legend | | |
| Unit Break Points Undefined | Mobile/Partially Mobile Substrates 6 - Sand & Gravel - CC 24-26, 32 -SP | |
| Immobile Substrates 1 - Bedrock - CC 1-20 - VE | Y - Sand & Gravel - CC 24-26,32 - VP/P 8 - Estuary or Sand/Mud - CC 27-31 - VP/P/SP A - Sediment - CC 21 - 20 - SE/E | The Habit been map features. Each Hab |
| 3 - Bedrock/Boulder - CC 1-23, 32, 33 - 4 - Bedrock/Gravel - CC 1-23, 33 - SP | SE Current Dominated 10 - Bedrock or Sediment - CC 34 - VP/P/SP | Semi-expo biobands How is Ha |
| 5 - Bedrock/Gravel - CC 1-23,33 - P/VP | Tidal Lagoon 11 - Bedrock or Sediment - CC 35 - VP/P/SP | Each Hab To determ 1.⊡record 2.⊡assign |
| CC Type Rock Shore Types - characterized by a lack of clastic sediments such as gravel 1 Rock Ramp, Wide 2 Rock Platform Wide 3 Rock Cliff Narrow | CC Type or sand. Sediment Shore Types - have substrates that have little or no bedcrock cropping out 21 Gravel Flat, Wide 22 Gravel Beach 23 Gravel Flat or Fan | 3.⊡review 4.⊟assigr The Habit detailed a |
| | | |

1030.009

4 Rock Ramp, Narrow 5 Rock Platform Narrow Rock and Sediment Shore Types - rock and pockets of clastic sediments 24 Sand and Gravel Flat or Fan, Wide 25 Sand and Gravel Beach
 26
 Sand and Gravel Flat or Fan, Narrow

 27
 Sand Beach, Wide

 28
 Sand Flat

 29
 Mud Flat

 6
 Ramp with Gravel Beach, Wide

 7
 Platform with Gravel Beach, Wide

 8
 Cliff with Gravel Beach, Narrow

 10
 Platform with Gravel Beach, Narrow

 11
 Ramp with Gravel Beach, Narrow

 12
 Platform with Gravel Beach, Narrow

 13
 Cliff with Sand and Gravel Beach, Wide

 14
 Ramp with Sand and Gravel Beach, Wide

 15
 Platform with Sand and Gravel Beach, Narrow

 16
 Ramp with Sand and Gravel Beach, Narrow

 15
 Platform with Sand and Gravel Beach, Narrow

 16
 Ramp with Sand Beach, Wide

 17
 Platform with Sand Beach, Wide

 18
 Cliff with Sand Beach

 19
 Ramp with Sand Beach

 19
 Ramp with Sand Beach, Narrow

 20
 Platform with Sand Beach, Narrow

 6 Ramp with Gravel Beach, Wide
 29
 Mud Flat

 30
 Sand Beach, Narrow

 31
 Estuaries

 Man-Made Materials
 32

 33
 Man-made, permeable

 33
 Man-made, impermeable

 Current Dominated
 34

 34
 Channel
 34 Channel 35 Tidal Lagoon

• □ the substrate types in the unit. Legend Definitions CC - Coastal Classification number



| Table MIDCO. The Species/ w | AST and NORTH C vave exposure/ subst | COAST project area w rate table for Habitat | which includes BIO_AR t Classification (HAB_C | REAS CC, JS and NC. OBS)., for the Mid-coa | ast BC study area, fro | om Johnstone Strait/O | Central Coast Ma | pping Region | s 5, 6 and 7. | |
|--------------------------------|--|--|--|---|---|---|--|--|---|--|
| SUBSTRATE STABILITY | IMMOBILE SUBSTRATES | | | MOBILE OR PARTIALLY MOBILE SUBSTRATES | | | | CURRENT- DOMI- NATED | TIDAL IAGOON | |
| MAJOR SUBSTRATE | BEDROCK | BEDROCK/BOULDER | BEDROCK/GRAVEL | BEDROCK/GRAVEL | SAND & GRAVEL | SAND & GRAVEL | SAND/MUD | SEDIMENT | BEDROCK OR SEDIMENT | BEDROCK OR SEDIMENT |
| COASTAL CLASSES | 1-20 | 1-23, 32, 33 | 1-23, 33 | 1-23, 33 | 24 – 30, 32 no SAL band | 24 – 30, 32 no SAL band | 24 - 30, 31 has SAL band | 24-30 | 34 | 35 |
| EXPOSURE (EXP BIO) | Е | SE | SP | VP, P | SP | VP, P | VP, P, SP | SE, E | VP, P, SP | VP, P, SP |
| COMMUNITY CODE (HAB OBS) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| upper | Verrucaria Balanus glandula | Verrucaria Enteromorpha Balanus glandula Fucus distichus | Verrucaria Enteromorpha Balanus glandula Fucus distichus | Verrucaria Enteromorpha Balanus glandula Fucus distichus | Verrucaria Enteromorpha Balanus glandula Fucus distichus | Verrucaria Enteromorpha Balanus glandula Fucus distichus | grasses & rushes Salicornia virginica Balanus glandula Fucus distichus | no visible tidal current macrobiota dominated; may due to be a Protected sediment wave exposure mobility but shows an assemblage of | Balan tidal current Fucus | Balanus glandula Fucus distichus |
| middle | Pollicipes polymerus Mytilus californianus Semibalanus carriosus | Mytilus californianus Semibalanus carriosus | Mytilus trossulus* Semibalanus carriosus Ulva/ Ulvaria spp. | Mytilus trossulus * Ulva/ Ulvaria spp. | Semibalanus carriosus Ulva/ Ulvaria spp. | Ulva/ Ulvaria.spp. | Mytilus trossulus** Ulva/ Ulvaria | | ponded water in lagoon creates | |
| mid/low | Alaria 'nana' morph | Hedophyllum sessile Phyllospadix scouleri | | | | | | | indicator species from higher wave exposures. Assemblage | narrow intertidal and a reduced biota in brackish water, may have |
| lower | Lessoniopsis littoralis Lithothamnion | Alaria 'marginata' morph Lithothamnion | Laminaria groenlandica Laminaria saccharina Alaria 'marginata' morph Lithothannion | Laminaria saccharina | Laminaria groenlandica Laminaria saccharina Alaria 'marginata' morph Lithothamnion | Laminaria saccharina | | | observed is 'anomalous' for the wave energy of the site. | associated current dominated at outflow |
| subtidal | Nereocystis luetkeana | Nereocystis luetkeana Macrocystis integrifolla Agarum spp. Strongylocentrotus franciscanus | Nereocystis luetkeana Macrocystis integrifolia Agarum spp. Strongylocentrotus franciscanus | Macrocystis integrifolia Agarum spp. Zantara puerina | Nereocystis luetkeana Macrocystis integrifolia Agarum spp. Strongylocentrotus franciscanus Zastan macina | Macrocystis integrifolia Agarum spp. Zastara marina | Zastana manina | | | |
| | L | | Lonera marina | z osera marina | 2 ostera marina | Lostera marina | 2 ostera marina | | | |

