



**Surficial Geology of the Queen Charlotte Basin  
Hecate Strait - Queen Charlotte Sound**  
**GEOLOGICAL UNITS**

- 1 **Bedrock**
  - a) Coast Mountain (Paleozoic to Cenozoic)
  - b) Insular Belt
    - i) Undefined (Mesozoic)
    - ii) Skonun Fm. (Tertiary)
    - iii) Masset Fm. (Tertiary)
- 2 **Till - Fraser Glaciation (late Wisconsinan)**
- 3 **Glaciomarine mud (late Wisconsinan)**
- 4 **Queen Charlotte sands and gravels**
  - a) l. sand, gravels - Outwash (late Wisconsinan)
  - b) u. sand, gravels - Transgressive (Holocene)
- 5 **Queen Charlotte muds**
  - a) lower mud (late Wisconsinan)
  - b) upper mud (Holocene)
  - c) sponge bioherms (Holocene)

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