

GEOLOGICAL SURVEY OF CANADA / COMMISSION GÉOLOGIQUE DU CANADA

Surficial Geology of the Queen Charlotte Basin
Queen Charlotte Sound

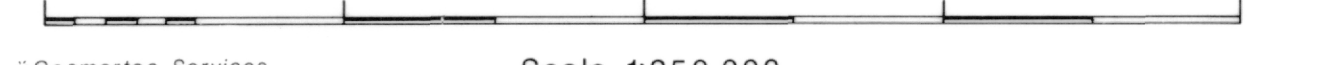
SURFICIAL SEDIMENT DISTRIBUTION
Mean Grain Size Fields (Wentworth Scale)

- Gravel** > -1.0 φ (> 2.0 mm)
- Very Coarse Sand** -1.0 - 0.0 φ (2.0 - 1.0 mm)
- Coarse Sand** 0.0 - 1.0 φ (1.0 - 0.5 mm)
- Medium Sand** 1.0 - 2.0 φ (0.5 - 0.25 mm)
- Fine Sand** 2.0 - 3.0 φ (0.25 - 0.125 mm)
- Very Fine Sand** 3.0 - 4.0 φ (0.125 - 0.064 mm)
- Mud (Silt)** 4.0 - 8.0 φ (0.064 - 0.004 mm)
- Bedrock**

Mean grain size distribution was determined by the method of moments and values are expressed in phi (φ) units, where φ = -log₂ mm. Anomalous single sample values within a larger field are indicated by point values.

Compilation by J.L. Luternauer, J.V. Barrie and K.W. Conway
Cartography by B. Sawyer and L.J. Bedard, Pacific Geoscience Centre, and G.F. L'Espérance

Transverse Mercator Projection



Scale 1:250,000

Geomatics Services / Panographics