

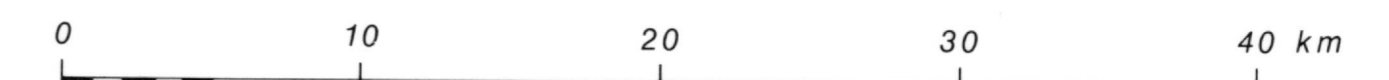
**Surficial Geology of the Queen Charlotte Basin
Hecate Strait – Queen Charlotte Sound**

**SURFICIAL SEDIMENT DISTRIBUTION
Mean Grain Size Fields (Wentworth Scale)**

- Gravel $> -1.0 \phi$ (> 2.0 mm)
- Very Coarse Sand $-1.0 - 0.0 \phi$ (2.0 – 1.0 mm)
- Coarse Sand $0.0 - 1.0 \phi$ (1.0 – 0.5 mm)
- Medium Sand $1.0 - 2.0 \phi$ (0.5 – 0.25 mm)
- Fine Sand $2.0 - 3.0 \phi$ (0.25 – 0.125 mm)
- Very Fine Sand $3.0 - 4.0 \phi$ (0.125 – 0.064 mm)
- Mud (Silt) $4.0 - 8.0 \phi$ (0.064 – 0.004 mm)

Mean grain size distribution was determined by the method of moments and values are expressed in phi (ϕ) units, where $\phi = -\log_2$ mm. Anomalous single sample values within a larger field are indicated by point values.

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