



GEOLOGICAL SURVEY OF CANADA / COMMISSION GÉOLOGIQUE DU CANADA



**Surficial Geology of the Queen Charlotte Basin
Graham Island - Dixon Entrance**
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.

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Transverse Mercator Projection

