

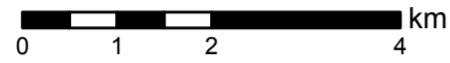


Quaternary geology offshore Avalon Peninsula  
Newfoundland and Labrador  
Seal Cove to Motion Bay

**Bear Cove Point to Cape Neddick  
Stratigraphic sequence of Quaternary sediments**

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Scale 1: 80 000



Assisting compiler: Helen Neilson\*, Bathymetric Digital Elevation Model

Sub-surface and seabed distribution of the succession of Quaternary map units is presented, from base to top, as colour-coded lines overlapping in stratigraphic sequence. The Quaternary Geology map (Sheet 1) has complete map unit descriptions.

Derived from limited geophysical traverse data with broad extrapolations based on topographic character

Sparse spot bathymetry points and incomplete datum adjustments result in topographic artefacts in the bathymetric digital elevation model, especially in the areas farther offshore. This includes apparent orientations of features which are incorrect.

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- Pgsq: Post-glacial to Recent Sand and Gravel;
- Dominantly Sand Lag (not shown on Quaternary surficial geology map)
- Dominantly Gravel Lag
- Gls: Low-stand complex
- Gmws: Glacimarine Well Stratified Mud
- GD: Debrite
- Gms: Glacimarine stratified mud
- Gm: Glacimarine Mud
- Gttn: Thin Till and Isolated Bedrock hummocks
- Gttk: Thick Till
- IPbrk: Lower Paleozoic sediments and metasediments
- PCbrk: Late Proterozoic metasediments

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Sheet 3 of 4: Bear Cove Point to Cape Neddick, stratigraphic sequence of Quaternary sediments

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