Energy, Mines and Resources Canada
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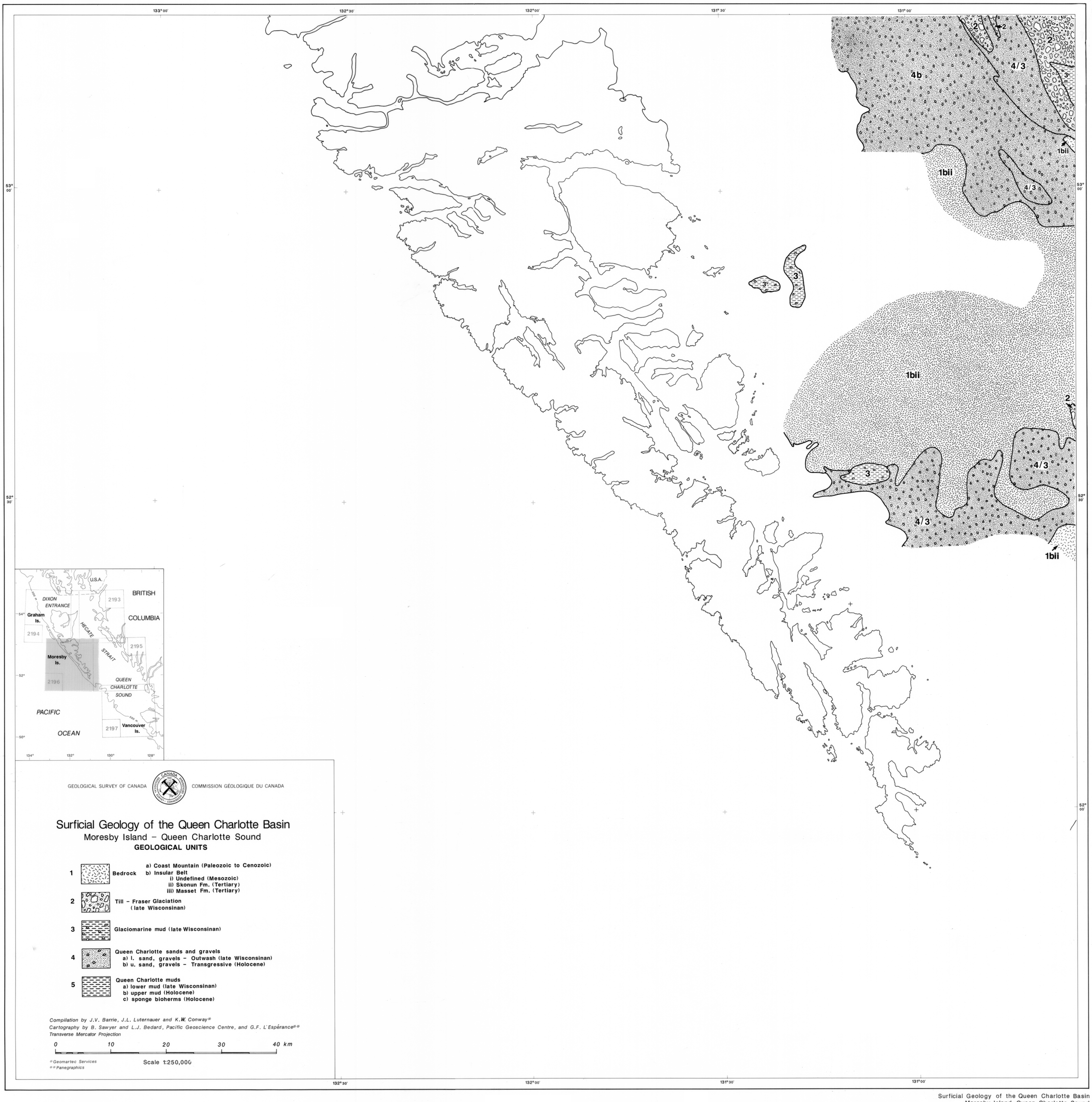

GEOLOGICAL SURVEY OF CANADA — COMMISSION GÉOLOGIQUE DU CANADA

Surficial Geology of the Queen Charlotte Basin

Moresby Island – 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)

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

0 10 20 30 40 km

Scale 1:250,000

*Geomartec Services
**Panegraphics

Canada

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Moresby Island–Queen Charlotte Sound
G.S.C. Open File 2196
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