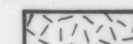
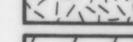


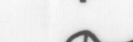
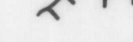
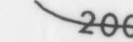
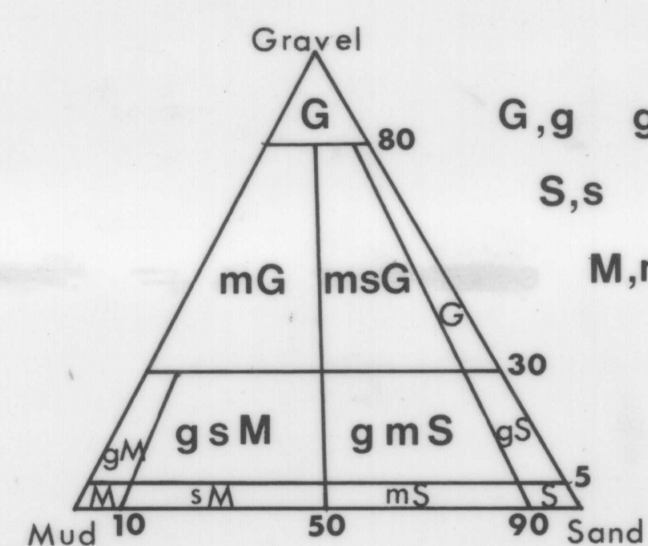


**SURFICIAL SEDIMENTS
ON THE
CONTINENTAL SHELF, NORTHWESTERN VANCOUVER ISLAND**

B. D. Bornhold
Pacific Geoscience Centre
Geological Survey of Canada
May 1980

-  grab sample
-  bedrock
-  >50% CaCO₃
-  P stiff, gray clay
-  shelf break
-  200-metre isobath
-  canyon axis



G, g gravel, gravelly
S, s sand, sandy
M, m mud, muddy

Map Construction

This map shows the distribution of bedrock and of sediment types determined by laboratory grain size analysis of grab samples. South of the Scott Islands, the distribution of bedrock is based on grab samples and echosounding records; north of the Scott Islands, grab samples and notations on hydrographic field sheets were used.

Calcium carbonate contents were determined visually for gravelly sediments and by leaching in hydrochloric acid for sandy and muddy sediments.

Sources

Sediment information based on samples collected during the following cruises: CSS Parizeau 1976; MV Pandora II 1977, 1978. Bathymetry and bedrock distribution from Canadian Hydrographic Service field sheets and echosounding records.

Open File Map

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