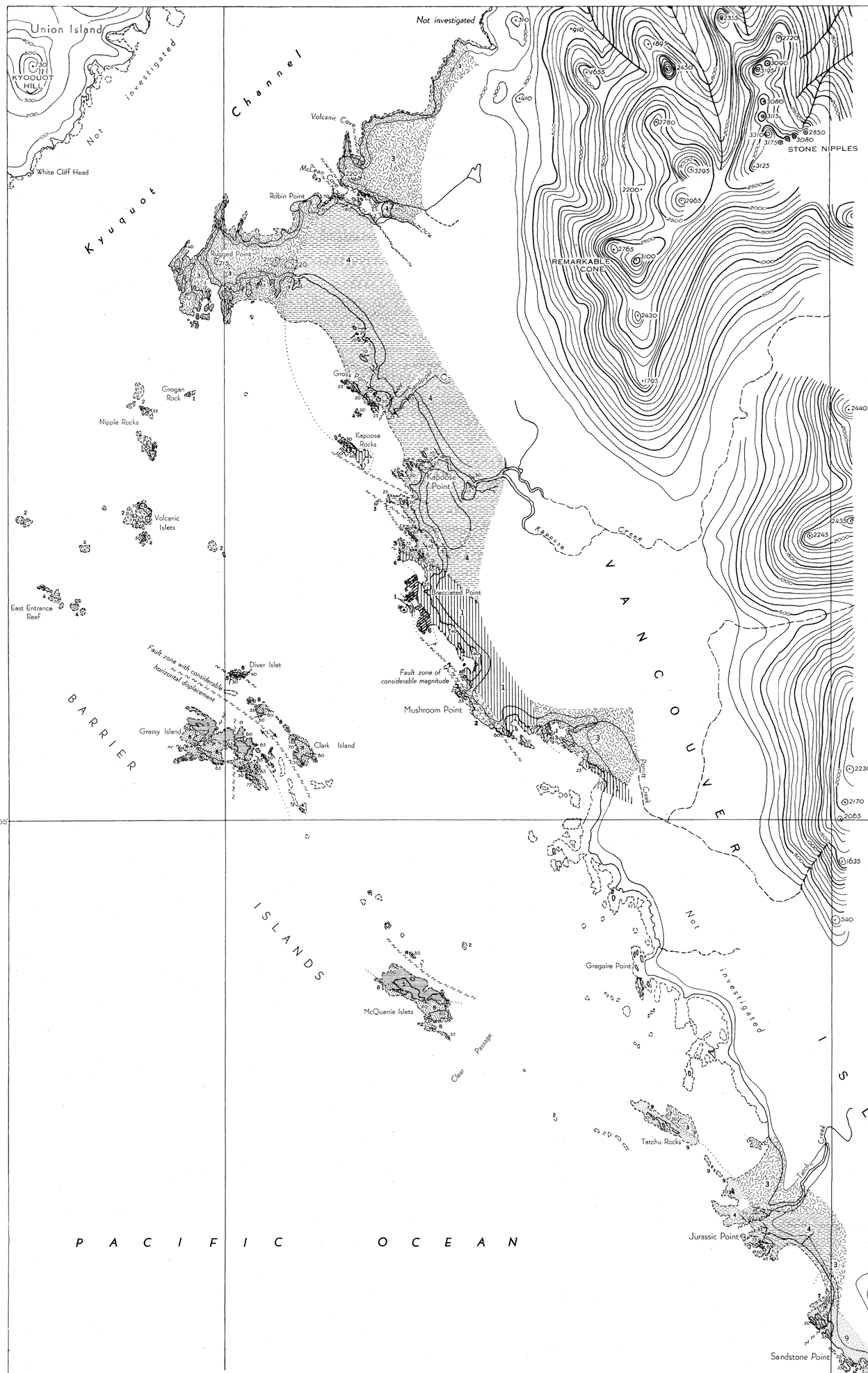


LEGEND

Unless otherwise indicated on the map, unpatterned areas were not investigated

CENOZOIC

TERTIARY
OLIGOCENE OR (?) MIOCENE

9 — *Sandstone, siltstone, conglomerate, grit, shale*

MESOZOIC

CRETACEOUS
LOWER CRETACEOUS

8 — *Sandstone, sandy shale, siltstone, impure limestone, shell limestone, shale, minor conglomerate*

JURASSIC OR (?) CRETACEOUS
UPPER JURASSIC OR (?) LATER

7 — *Granitic rocks, with abundant inclusions of Jurassic volcanic rocks 3; associated minor intrusions*

JURASSIC AND CRETACEOUS

6 — *Felsitic to porphyritic, light-coloured dykes, sills, and irregular bodies; may include some intrusions of uppermost Triassic age*

JURASSIC
UPPER JURASSIC

5 — *DIVISION B: mainly bluish grey shale, with concretions and lenses of impure limestone; minor sandstone*

4 — *DIVISION A: dark shale, with rows of concretions, lenses, and thin beds of limestone; sandstone, greywacke, impure limestone, grit, conglomerate, and breccia; minor pyroclastic rocks near the base*

LOWER AND (?) MIDDLE JURASSIC

3 — *Acidic to basic volcanic tuff, breccia, and lava; may include some uppermost Triassic beds*

TRIASSIC OR JURASSIC

2 — *Waterlain pyroclastic rocks, tuffaceous sediments; some volcanic tuff, breccia, and lava*

TRIASSIC
UPPER TRIASSIC

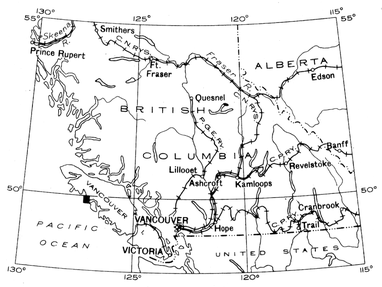
1 — *Thin, alternating beds of dark grey shale and grey limestone, massive limestone, sandy shale, sandstone, greywacke, grit, conglomerate and breccia; minor tuffaceous sediments. May include some lowermost Jurassic beds*

Bedding (inclined, vertical, overturned)
Fault (defined, assumed)

High-tide mark (approximate)
Low-tide mark (approximate)
Positions of creeks not shown on the base map but inserted from air photographs or from field observation (approximate only)
Contours (interval, 100 feet) — 1500
Height in feet — 3090

Geology by J. A. Jeletzky, 1949.

Base-map from chart 3682 by Hydrographic Service of Canada.



CANADA
DEPARTMENT
OF
MINES AND TECHNICAL SURVEYS

GEOLOGICAL SURVEY OF CANADA

PRELIMINARY MAP 50-37A

Stratigraphy of the West Coast of Vancouver Island between Kyuquot Sound and Esperanza Inlet, British Columbia

Scale: 1 Inch to 2000 Feet $\frac{1}{24,000}$

2,000 0 2,000 Feet 4,000 6,000 8,000

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