

LEGEND

QUATERNARY
PLEISTOCENE AND RECENT

12 Boulder clay; stratified sands, gravels, and clays; beach deposits; recent alluvial deposits

TERTIARY

EARLY MIOCENE (?)

11 DIVISION D: marine, greenish to bluish grey, limy sandstone, grading locally into sandy shell-limestone; gritty, limy sandstone; minor grit and pebble-conglomerate

OLIGOCENE

10A 10B DIVISION C: 10A. Marine to continental: coarse, commonly gritty, resistant sandstone and conglomerate; pebbly shale and siltstone, medium-grained sandstone; minor sandy siltstone and shale; minor shale; a little coal 10B. Prevailing marine: multicoloured, laminated shale and grey shale and siltstone; fine- to medium-grained, weak clayey sandstone; minor, medium- to coarse-grained, resistant sandstone; pebbly shale and siltstone, minor grit and pebble-conglomerate; locally includes a little coal

OLIGOCENE

9 DIVISION B: marine, ash-grey, fissile to massive shale, with concretions and beds of impure limestone; minor sandy shale and siltstone; minor sandstone

8 DIVISION A: marine, coarse, resistant, partly limy sandstone and pebble- to boulder-conglomerate; gritty sandstone; medium- to fine-grained, partly concretionary sandstones; minor, clayey, fine- to medium-grained sandstone; minor sandy shale and siltstone

JURASSIC

MIDDLE JURASSIC (?)

COAST INTRUSIONS
6 Light grey to whitish grey, acidic granitic rocks and associated minor intrusions
7 Grey to dark grey, dioritic to gabbroic rocks and associated minor intrusions

JURASSIC

LOWER JURASSIC

4 VOLCANIC DIVISION: Intermediate to basic lavas, tuffs, and breccias; minor tuffaceous strata; slates and schists. May include some undifferentiated Upper Triassic rocks

TRIASSIC

UPPER TRIASSIC

3 SEDIMENTARY DIVISION: Mainly argillite and slate; greywacke and impure limestone; minor, intercalated, intermediate to basic lavas, tuffs, and breccias; includes some slates and schists of uncertain origin

2 QUATSINO FORMATION: crystalline, tuffaceous, and impure limestones; variable but mostly minor volcanic rocks

UPPER TRIASSIC AND (?) EARLIER

1A KARMUTSEN GROUP
Basic to intermediate porphyritic to amygdaloidal lavas, tuffs, and breccias; schists and, locally, whitish masses of cherty rock; minor, intercalated limestone; 1A. Mainly limestone (on Sheet 1 only)

Bedding (inclined)
Fault (defined, approximate, assumed, arrow indicates direction of dip)
Shear zone (approximate width indicated)
Synclinal axis (defined, arrow indicates direction of plunge)
Fossil locality

Geology by J.A. Jeletzky, 1951-52

Roads
Building
Telephone line
Triangulation station
Wharf
Navigation light
District boundary
Low tide boundary (approximate)
Intermittent stream
Marsh
Contours (interval 500 feet)
Height in feet above mean sea-level

Approximate magnetic declination, 24° 00' East

Cartography by the Geological Cartography Division, 1954

Air photographs covering this map-area may be obtained through the National Air Photographic Library, Topographical Survey, Ottawa, Ontario

Geographical names subject to revision

HESQUIAT - NOOTKA
VANCOUVER ISLAND
BRITISH COLUMBIA

Scale: One Inch to One Mile = $\frac{1}{63,360}$

Miles

