

LEGEND

- PLEISTOCENE AND RECENT**
- 16** SALISH SEDIMENTS
SHORE, DELTAIC AND FLUVIAL DEPOSITS:
gravel, sand, silt, clay, peat, 16a, alluvial fan deposits
 - 13** CAPILANO SEDIMENTS (13, 13a)
TERRACED FLUVIAL DEPOSITS:
13a, Deltaic deposits: gravel and sand commonly underlain by silt and clay
13b, Channel and floodplain deposits: gravel, sand, minor silt; in Alberni Valley includes estuarine deposits with lenses of clay (shown only where more than 5 feet thick)
13c, Alluvial fan deposits: poorly sorted gravel and silt
 - 12** MARINE DEPOSITS (INCLUDING GLACIO-MARINE):
12a, silt, clay, stony clay
12b, sand, sandy gravel, generally underlain by clay
12c, Marine veneer complex: varied stony gravel, gravel, sand, silt, clay, stony loam; discontinuous in bedrock areas
Thickness generally less than 5 feet
 - 11** VASHON DRIFT (11a)
GLACIAL LANDSLIDE DEPOSITS: blocks and rubble (appears on Map 1111A, "Home Lake" only)
 - 10** GLACIAL LAKE DEPOSITS: sand and silt (appears on Map 1111A, "Home Lake" only)
 - 8** GLACIO-FLUVIAL DEPOSITS: gravel, sand, lenses of till
8, Hummocky (kame), knob-and-kettle, and ridged deposits;
8a, esker deposits; 8, Terrace and pitted-terrace deposits;
8a, kame terrace and kame delta deposits; 8a, ice-contact alluvial fan deposits; (8b appears on Map 1111A, "Home Lake" only)
 - 7** GROUND MORAINIC DEPOSITS: till, lenses of gravel, sand, and silt;
7a, sandy till west side of Alberni Valley; 7b, slope complex of till, alluvium, and colluvium; (7a appears on Map 1111A, "Home Lake" only)
 - 5** QUADRA SEDIMENTS (3, 5)
Sand, minor gravel; in part covered by remnants of till
 - 6** Gravel, sand, silt, clay, peat, silt, beneath Vashon ground moraine, relation to Quadra not known (appears on Map 1111A, "Home Lake" only)
 - 4** Silt, gravel, sand, peat, peaty soil, driftwood
 - 3** Clay and stony clay with marine shells; basal lenses laminated clay and silt
 - 2** DASHWOOD DRIFT
Till, lenses of gravel and silt
 - 1** MAPLE GUARD SEDIMENTS
Sand, silt; minor clay and gravel (appears on Map 1111A, "Home Lake" only)
 - R** Areas of bedrock outcrop and of outcrop interspersed with patches of thin overburden

- Bedrock outcrop in area of overburden
- Scarp bordering delta or other terrace (symbol at top of scarp)
- Abandoned channel
- Limit of marine overlap (not shown on deltas)
- Gravel pit

Note: Fractional units (e.g. 12¹/₂) are used where the surface map-unit averages less than 5 feet in thickness. The upper number applies to the surface unit and the lower number to the principal underlying unit. Thus 12¹/₂ means that marine veneer (unit 12c) extends a few feet below the surface and rests upon ground moraine (unit 7)

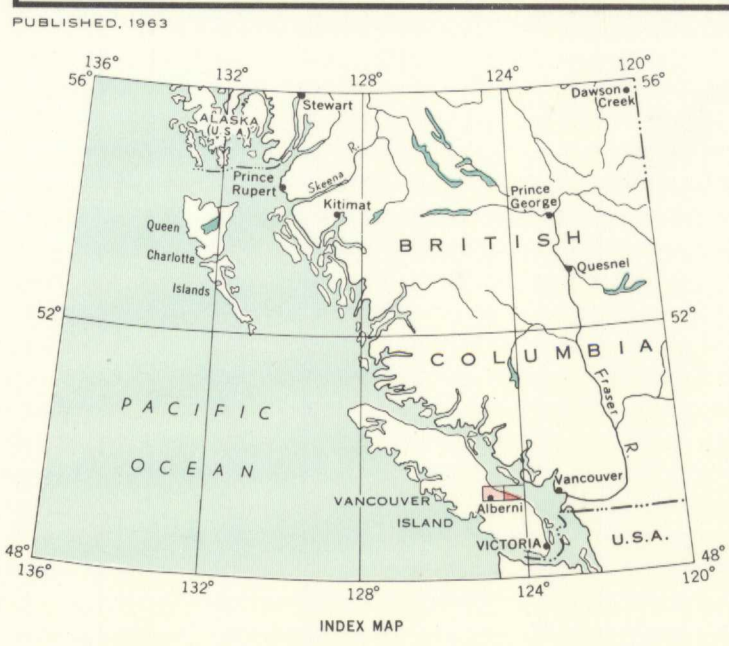
Geology by J. G. Fyles, 1950-1953

To accompany G. S. C. Memoir 318 by J. G. Fyles

Cartography by the Geological Survey of Canada, 1962

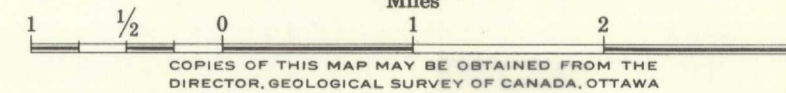
Base-map prepared by the Army Survey Establishment, R. C. E., Department of National Defence. Revisions to roads by the Geological Survey of Canada from maps of the Department of Lands and Forests, British Columbia

Approximate magnetic declination, 23° 45' East, decreasing 2.0' annually



MAP 1112A
SURFICIAL GEOLOGY
PARKVILLE
VANCOUVER ISLAND
BRITISH COLUMBIA

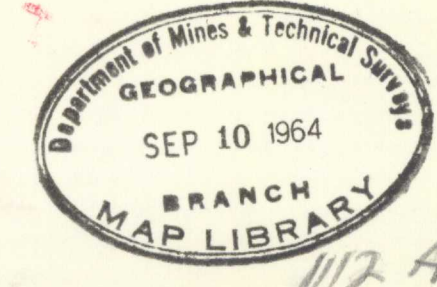
Scale: One Inch to One Mile = 1/63,360 Miles



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- LEGEND
- Road, hard surface, all weather
 - Road, loose surface, all weather
 - Road, loose surface, dry weather
 - Private road (logging)
 - Road, four-wheel drive
 - Trail
 - Power transmission line
 - Building or cabin
 - Church
 - School
 - Post Office
 - Lighthouse
 - Wharf
 - Horizontal control point
 - District boundary
 - Park boundary
 - Indian Reserve boundary
 - Stream, (intermittent)
 - Marsh
 - Sand or gravel
 - Contours (interval 100 feet)
 - Height in feet above mean sea-level

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