

LEGEND

Note: Weighted legend blocks indicate map-units that appear on this map.

- QUATERNARY**
- 10 11** SALISH SEDIMENTS
10. SHORE, DELTAIC, AND FLUVIAL DEPOSITS: gravel, sand, silt, clay
11. UPLAND SWAMP DEPOSITS: clay, silt, peat
- 8** CAPILANO SEDIMENTS (7, 8)
FLUVIAL DEPOSITS: 8a. deltaic deposits, gravel and sand, commonly terraced; 8b. floodplain and channel deposits, gravel and sand; 8c. alluvial fan deposits, poorly sorted gravel, sand, silt
- 7** MARINE DEPOSITS (INCLUDING GLACIO-MARINE): 7a. silt, clay, stony clay and till-like mixtures, thickness up to 75 ft.; 7b. gravel, sand, silt, in spits and bars; 7c. varied stony, loamy and clayey marine veneer, commonly less than 5 ft. thick
- 6** VASHON DRIFT (4-6)
GLACIO-FLUVIAL DEPOSITS: gravel, sand lenses of till; 6a. hummocky, kettled, kame deposits; 6b. ice-contact deltas
- 5** GROUND MORaine DEPOSITS: till, lenses of gravel, sand, silt
- 4** ADVANCE OUTWASH: poorly sorted gravel, sand, silt
- 3** QUADRA SEDIMENTS: sand, silt, clay, minor gravel and peat
- 2** DRIFT: till, stony till, lenses of gravel and silt
- 1** OLDER DEPOSITS: 1a. fine to medium sand, silt, thickness up to 80 ft.; 1b. coarse, oxidized gravel, sand, thickness up to 30 ft.
- 9** VALLEY ALLUVIUM AND COLLUVIUM: boulders, gravel, sand, silt, clay on terraces and as channel deposits; includes patches of 8, 10, 11

Note: Fractional units (e.g., 7/5) 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, 7/5 means that stony clay (unit 7a) extends a few feet below the surface and rests upon ground moraine (unit 5).

- Areas of bedrock outcrop and of outcrop interspersed with patches of thin overburden R
- Bedrock outcrop in area of overburden X
- Geological boundary (approximate, assumed) - - - - -
- Limit of geological mapping - - - - -
- Glacial striae (direction of ice movement known) - - - - -
- Drumlinoid ridges, flutings (direction of ice movement known) - - - - -
- Cirques - - - - -
- Scarp bordering deltas or other terrace (symbol at top of scarp) - - - - -
- Abandoned channel - - - - -
- Gravel pit X
- Locality where age has been determined @

Geology by E. C. Halstead, 1962, 1963

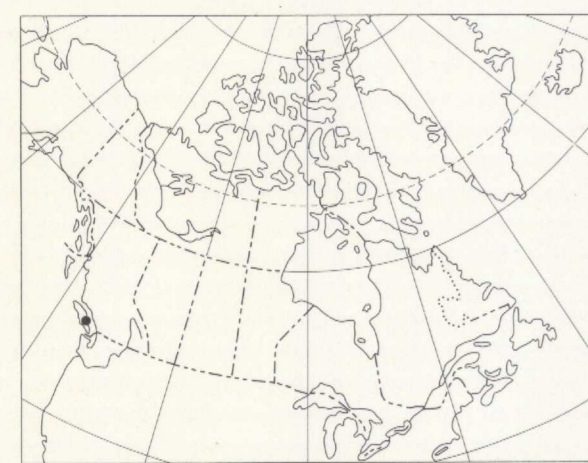
To accompany G.S.C. Paper 65-24 by E. C. Halstead

Geological cartography by the Geological Survey of Canada, 1965

- Roads, all weather - - - - -
- Other roads - - - - -
- Cart track - - - - -
- Trail - - - - -
- Railway - - - - -
- Power transmission line - - - - -
- Post Office P
- Horizontal control point Δ
- District boundary - - - - -
- Park, Indian Reserve boundary - - - - -
- Lake and stream (approximate) - - - - -
- Intermittent lake or stream - - - - -
- Foreshore flats - - - - -
- Marsh - - - - -
- Contours (interval 100 feet) - - - - -
- Height in feet above mean sea-level 152

Base-map compiled and drawn by the Surveys and Mapping Branch, 1955

Approximate magnetic declination, 22°35' East, decreasing 2.7' annually



INDEX MAP

Published, 1966
Copies of this map may be obtained from the
Director, Geological Survey of Canada, Ottawa

MAP 14-1965
PAPER 65-24
SURFICIAL GEOLOGY
DUNCAN
BRITISH COLUMBIA
Scale 1:63,360
1 inch to 1 mile
Miles 1 0 1 2 3 Miles
Kilometres 1 0 1 2 3 4 5 Kilometres

