



GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

SHEET 92 1/4 (w) AND PART OF 92 1/2

PRELIMINARY SERIES

- LEGEND**
- PLEISTOCENE AND RECENT**
- POST-GLACIAL**
- 9 SALISH GROUP (5-9)
Swamp deposits: lowland peat, clayey peat, and peaty clay up to 35 feet thick, at or within 10 feet of surface
 - 8 Slope wash deposits: fan and slide gravel and sand, up to 50 feet thick
 - 7 FRASER FLOODPLAIN DEPOSITS (floodplain and channel deposits): 7a, silty clay and clayey silt, and silt, 10 to 30 feet thick, resting on sand and gravel; 7b, sand and minor silt up to 10 feet thick resting on gravel
 - 6 Stream deposits: gravel and sand up to 50 feet thick, in places mixed with FRASER FLOODPLAIN (7) and lacustrine deposits (5)
 - 5 Lacustrine deposits: 5a, silt, clayey silt, and silty clay up to 50 feet or more thick but normally less than 10 feet thick and overlying sands; 5b, sand up to 15 feet thick overlying silt, clayey silt, and silty clay; in places lacustrine deposits are mixed with FRASER FLOODPLAIN (7) and stream deposits (6)
- GLACIAL**
- 4 SUMAS GROUP (2-4)
ABBOTSFORD OUTWASH (glacio-fluvial deposits): recessional outwash and ice-contact gravel and sand, lenses of till may occur in ice-contact deposits
 - 3 SUMAS TILL (glacial deposits): sandy till and sub-stratified silt 5 to 35 feet thick
 - 2 HUNTINGDON GRAVEL AND OTHER PRE-SUMAS TILL DEPOSITS: non-glacial deposits, mainly fluvial and lacustrine; mainly gravel and sand, lesser amounts of silt and clayey silt
- PRE-GLACIAL**
- 1 Bedrock: generally at or within 25 feet of the surface; where not at surface overlain by glacial and glacio-fluvial deposits, mainly till, and sand

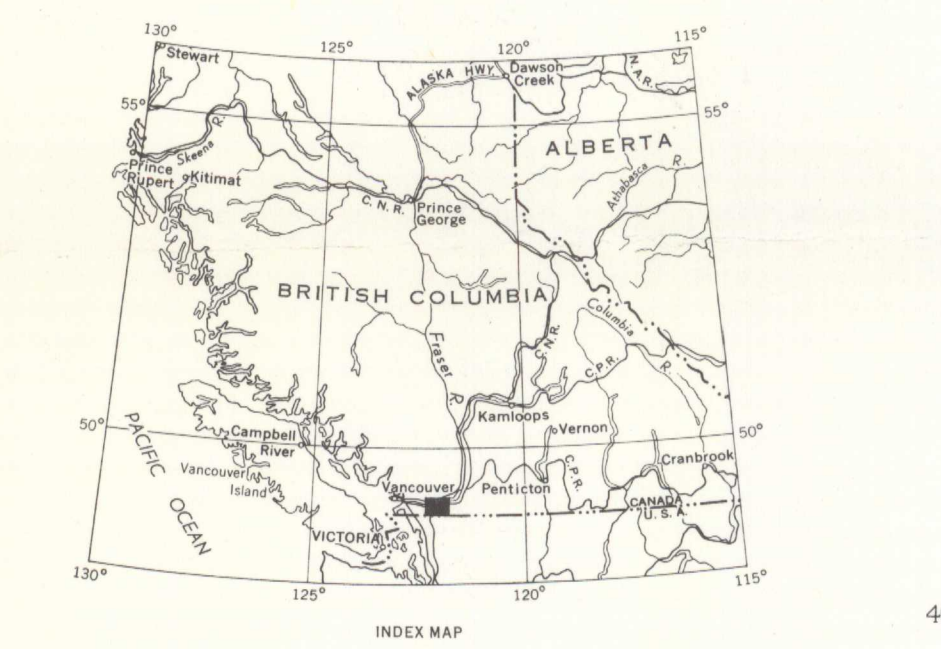
- Geological boundary, mainly gradational.
- Geology by J. E. Armstrong, 1953-1955
Compilation by J. E. Armstrong, 1959
- Main highway.
- Other roads.
- Railway.
- Post office.
- Electric power line.
- International boundary.
- District boundary.
- Municipal boundary.
- Township boundary.
- Provincial Park boundary.
- Section line and number. 12
- Indian Reserve or Military Reserve boundary.
- Stream, position approximate.
- Marsh.
- Foreshore flats.
- Contours (interval 100' below 500' level;
interval 500' above 500' level).
- Height in feet above mean sea-level. 140

Cartography by the Geological Survey of Canada, 1960

Approximate magnetic declination, 23° 20' East

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

In response to public demand for earlier publication, Preliminary Series maps are issued in this simplified form and will be clearer to read if all or some of the map-units are hand-coloured



MAP 39-1960
TO ACCOMPANY PAPER 60-29
SURFICIAL GEOLOGY
CHILLIWHACK, SUMAS, AND
KENT MUNICIPALITIES
NEW WESTMINSTER AND YALE DISTRICTS
BRITISH COLUMBIA

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

Geographical names subject to revision

MAP 39-1960
CHILLIWHACK, SUMAS, AND
KENT MUNICIPALITIES
BRITISH COLUMBIA