

NOTES

- Where it was not feasible to separate lithologic units (units intimately intermixed or occurring in near vertical exposures) multiple units have been used, eg. Sa, I, j and FLb,c,d.
- Mixed units consisting of more than one stratigraphic unit are shown as multiple units, eg. FLC and Sg north of Hazel Lake.
- None of the pre-Vashon lithostratigraphic units shown in the table of Quaternary Stratigraphy are exposed at the surface in the Mission map area; however, drillhole data indicate Pre-Vashon formations are probably widespread at depth.
- The boundaries between Sumas Drift and Vashon Drift in the northwest part of the map area are placed to separate drumlinized till (Vashon) from nondrumlinized drift (Sumas). The upper limit on the Sumas Drift is not known.
- All the steep slopes are subject to landslides; Fraser and Sumas valleys are subject to flooding.

Geological boundary (mainly gradational)
Trend of drumlinoid feature, (direction of ice known)

Geology by J.E. Armstrong 1953-55, 1974-76

Additional information (especially drillhole logs) from E.C. Halstead 1954-76 and Province of British Columbia Soils Survey 1956-65

Geological cartography by H. Kovachic, Geological Survey of Canada

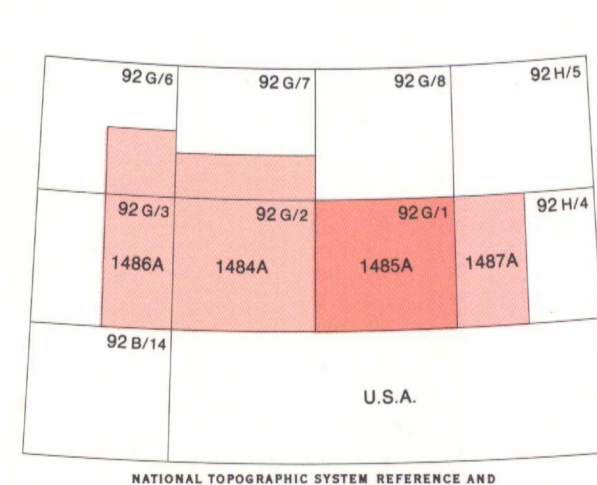
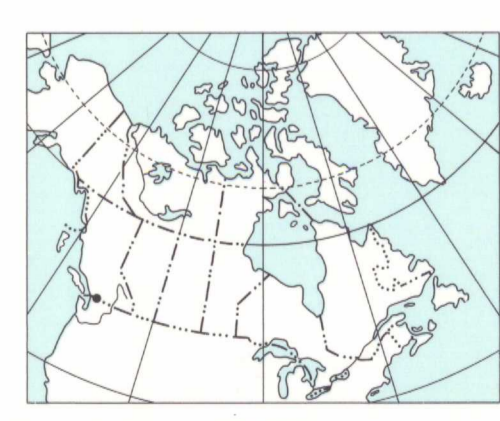
Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada

Base-map at the same scale published by Surveys and Mapping Branch in 1976

Copies of the topographical edition of this map may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa

Approximate magnetic declination 1978, 22°17' East decreasing 4.7' annually

Elevation in feet above mean sea level



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