



GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

PRELIMINARY SERIES



LEGEND

QUATERNARY
POST FRASER GLACIATION

- 10 Extensive swamps and bogs: peat and muck
- 9 Stream channel and flood plain deposits: gravel, sand and muck
- 8 Alluvial fan deposits: poorly sorted gravel, sand and fines
- 7 Alpine glaciation deposits: till, boulders, gravel and sand; deposited by valley and corrie glaciers; limited to the southwestern part of the map area; probably Neoglacial in age

FRASER GLACIATION

- 6 Glaciallacustrine deposits: silt, clay and sand
- 5 Glaciofluvial deposits: gravel, sandy-gravel and sand; 5a, kettled deposits; 5b, terrace deposits; 5c, delta deposits; 5d, outwash plain deposits
- 4 Morainal gravels: poorly sorted gravel and sand; includes kames and eskers
- 3 Drift, undifferentiated: till, gravel, sand and fines; within valleys in mountain and hill areas
- 2 Ground moraine: till; 2, featureless ground moraine; 2b, fluted and grooved ground moraine; 2c, drumlinoid ground moraine; 2d, ground moraine characterized by minor transverse ridges; 2e, hummocky and ridged ground moraine
- 1 Valley fill: alterations of till, diamicton, sand, silt, and gravel; mainly confined to the valleys of the Fraser and Chilcotin Rivers

- R Rock: includes areas of outcrop and near surface rock mantled with colluvium and thin drift

- Geological boundary (approximate, assumed).....
- Ice flow features: drumlins, drumlinoid ridges, crag-and-tail, (sense of direction inferred, not inferred).....
- Eskers (direction of stream flow, inferred, not inferred).....
- Minor transverse moraines and till ridges.....
- Meltwater channel (direction of flow inferred, not inferred).....
- Corries (fresh, Neoglacial subdued, Fraser Glaciation).....
- Landslide areas.....

Geology by J. A. Heginbottom 1968-1970

This preliminary edition may be subject to revision and correction

Geological cartography by the Geological Survey of Canada

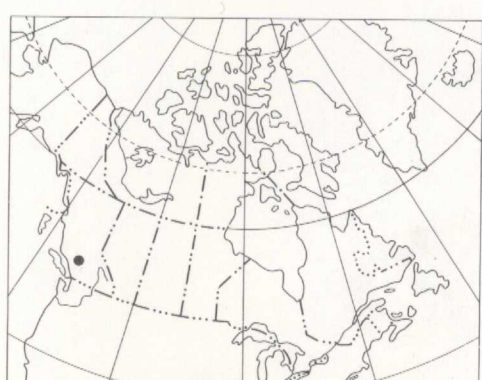
Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada

Base-map at the same scale published by the Surveys and Mapping Branch, 1955

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

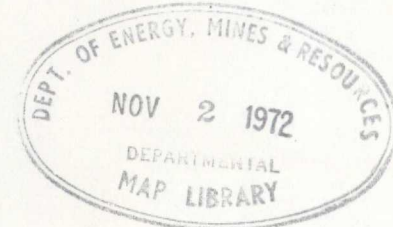
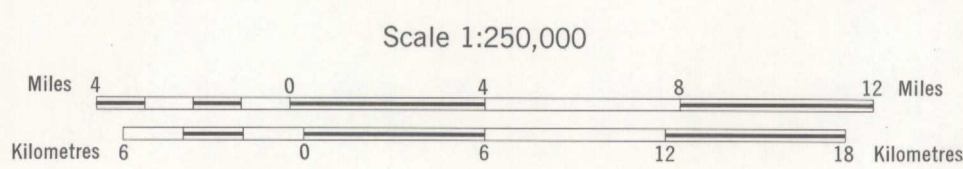
Magnetic declination 1972 varies from 24°29' easterly at centre of west edge to 24°11' easterly at centre of east edge. Mean annual change decreasing 2.8'

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MAP 2-1972
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SURFICIAL GEOLOGY
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