



GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

116B and 116C (East half)

LEGEND

PLEISTOCENE AND RECENT

- 3** FLUVIAL DEPOSITS: silt, sand, and gravel
3a, silt, sand, and gravel of terraces
3b, silt, sand, and gravel of modern flood plains
3c, silt, sand, and gravel of alluvial fans
3d, silt, clay of fluvial or glaciolacustrine origin, with thermokarst depressions
- 2** GLACIO-FLUVIAL DEPOSITS: sand, gravel, minor silt
2a, terrace and pitted terrace, kame terrace and outwash delta deposits (see also pit and delta symbols)
2b, hummocky or ridged deposits
2c, esker complex deposits
- 1** GLACIAL DEPOSITS: till, minor sand, and gravel
1a, terminal and recessional moraine deposits
1b, ground moraine
1c, dead ice deposits (with hummocky or knob-and-kettle form)

- Geological boundary (approximate, gradational)
- Glacial striae
- Drumlin or drumlinoid ridge
- Direction of ice flow - last glaciation
- intermediate glaciation
- Cirques-containing active ice in last glaciation
- containing active ice in intermediate or older glaciation, but not in last glaciation
- End or terminal moraines - last glaciation
- intermediate glaciation
- age uncertain
- Limit of glaciation (inferred but not marked by end moraine) - last glaciation
- intermediate glaciation
- Lateral moraines (locally including minor kame terraces)
- Eskers and prominent ridges in esker complexes
- Debris-covered glaciers
- Rock glaciers (tongue-shaped, spatulate, lobate)
- Erratic
- Lateral and sub-lateral meltwater channels (arrow shows direction of flow)
- Major meltwater discharge channels (arrow shows direction of flow)
- Incised channels of modern streams
- Erosional scarp
- Land or rock slide
- Pingo
- Patterned ground
- Pits or kettles
- Delta
- Palsa

Geology by P. Vernon and O. L. Hughes, 1961

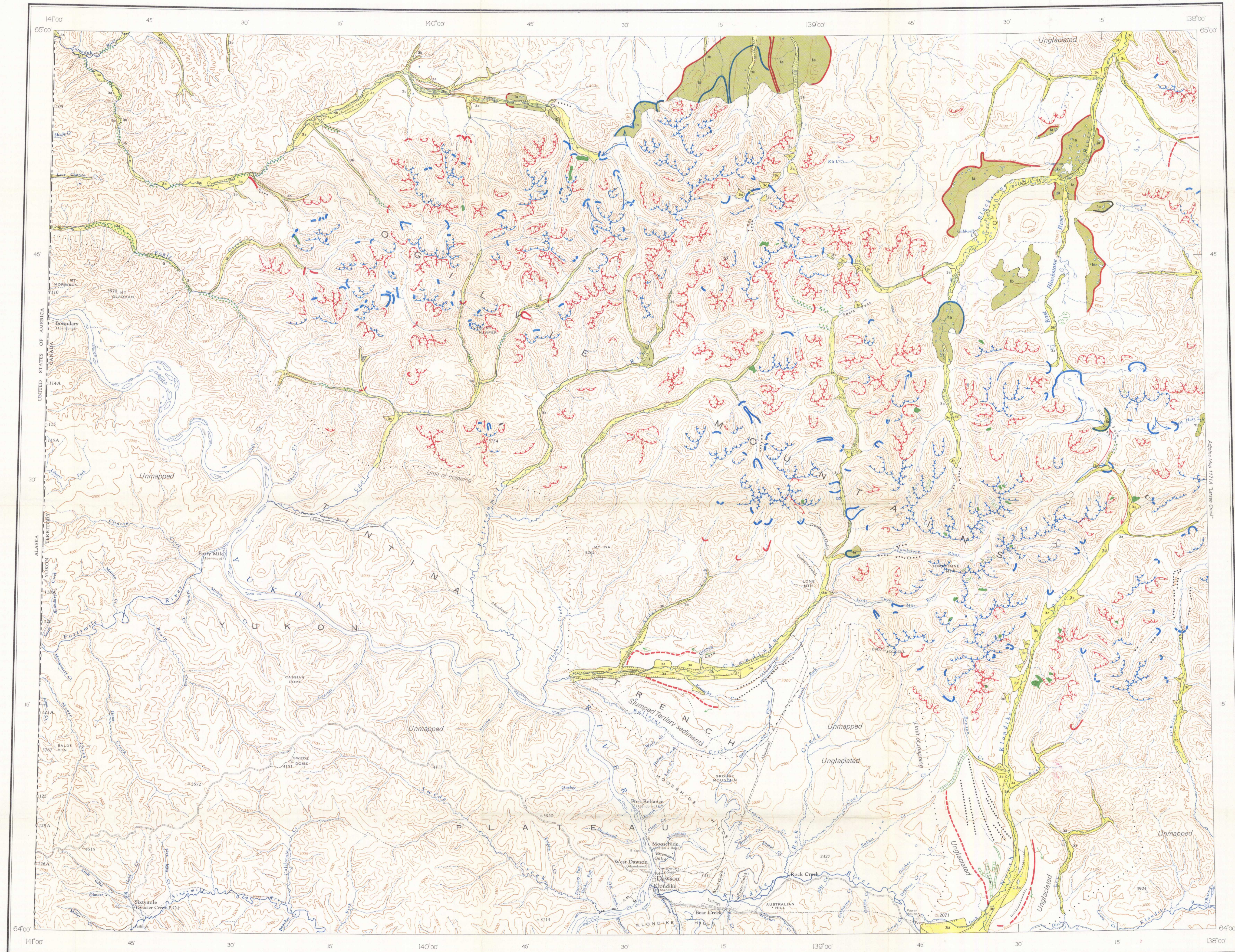
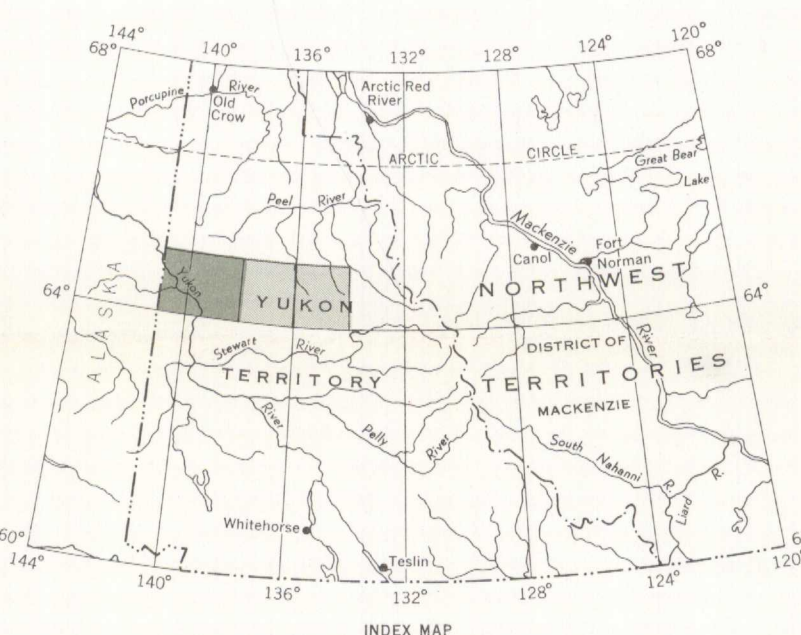
To accompany G. S. C. Bulletin 136 by Peter Vernon and O. L. Hughes

Geological cartography by the Geological Survey of Canada, 1964

- Road, all weather
- Other roads
- Cart track
- Trail
- Power transmission line
- Horizontal control point
- International boundary
- Stream ice and intermittent stream
- Marsh
- Contours (interval 500 feet)

Base-map compiled and drawn by the Surveys and Mapping Branch, 1958

Mean magnetic declination, 33° 23' East decreasing 3.8' annually. Readings vary from 31° 48' in the S.W. corner to 35° 00' in the N.E. corner of the map-area

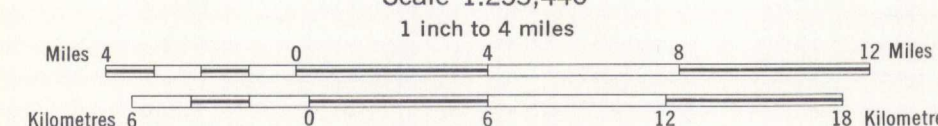


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MAP 1170A
SURFICIAL GEOLOGY
DAWSON
YUKON TERRITORY

Scale 1:253,440



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