

DESCRIPTION OF MAP UNITS

-  Naleds - Area susceptible to winter buildup of thick seasonal icing sheets (naleds).
-  Snow avalanches - Significant potential for snow avalanches based on the presence of steep topography.

DESCRIPTION OF MAP SYMBOLS

-  Definitely active fault - Clear evidence of movement during the past 10,000 years; solid where location is known, dashed where approximately located, dotted where inferred.

PERMAFROST

- Perennially frozen ground is transitional from continuous to discontinuous in this quadrangle.

MAP SOURCES

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Hamilton, T.D., 1984, Late Quaternary offsets along the Kobuk and related fault zones, northwestern Alaska (abs.): Geological Society of America Abstracts with Programs, v. 16, no. 5, p. 288.

Patton, W.W., Jr., 1972, Reconnaissance geology of the northern Yukon-Koyukuk province, Alaska: U.S. Geological Survey Professional Paper 774-A, 17 p.

Patton, W.W., Jr., and Miller, T.P., 1966, Regional geologic map of the Hughes Quadrangle, Alaska: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-459, scale 1:250,000, 1 sheet.

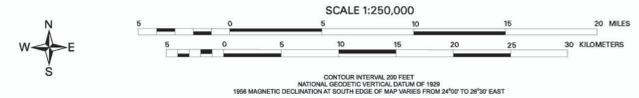
Post, Austin, and Mayo, L.R., 1971, Glacier dammed lakes and outburst floods in Alaska: U.S. Geological Survey Hydrologic Investigations Atlas HA-455, 9 p., scale 1:1,000,000, 3 sheets.

Reger, R.D., 1992 map interpretation.



Map from USGS Hughes (1966, limited revisions 1982) Chertogov, Alaska

Digital cartography by R.L. Orth, D.S.P. Stevens, and A.G. Sturman, GGG



MAP OF POTENTIAL GEOLOGIC HAZARDS ALONG PROPOSED TRANSPORTATION CORRIDORS
 IN THE HUGHES QUADRANGLE, ALASKA: PART 2, ADDITIONAL HAZARDS

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 2003



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