

DESCRIPTION OF MAP UNITS

Nalekts - Area susceptible to winter buildup of thick seasonal icing sheets (nalekts).

DESCRIPTION OF MAP SYMBOLS

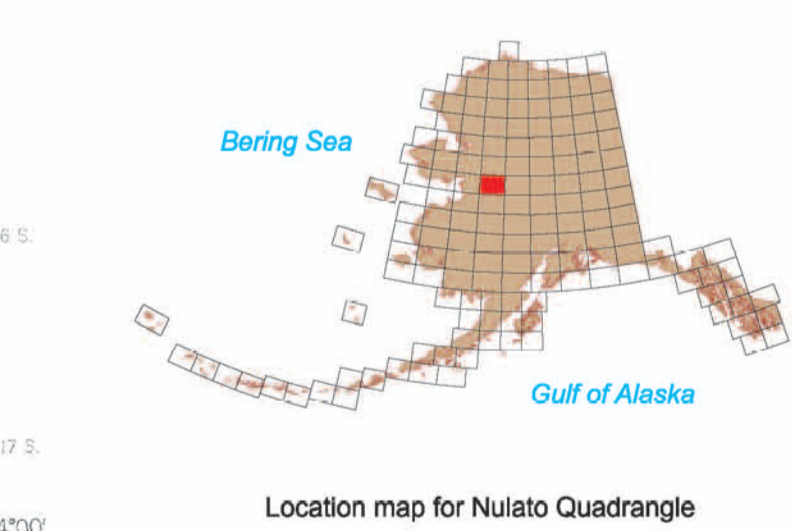
Definitely active fault - Clear evidence of movement during the past 10,000 years; solid where location is known, dashed where approximately located, dotted where inferred.

PERMAFROST

Perennially frozen ground is discontinuous in this quadrangle.

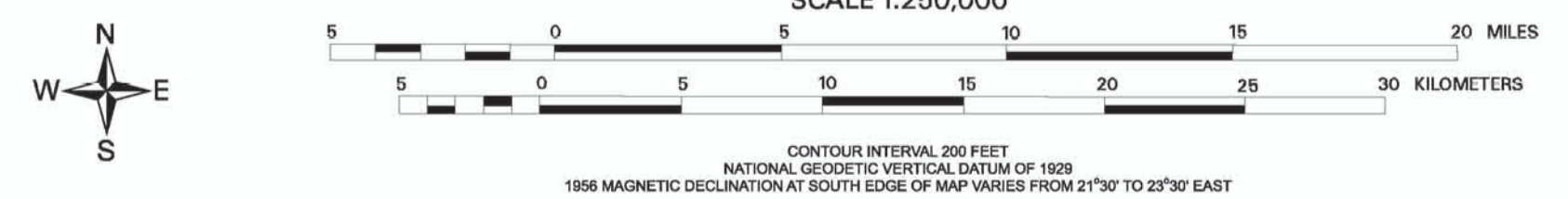
MAP SOURCES

- Cass, J.T., 1959b, Reconnaissance geologic map of the Nulato Quadrangle, Alaska: Miscellaneous Geologic Investigations Map I-291, scale 1:250,000, 1 sheet.
- Dean, K.G., 1984a, Stream-icing zones in Alaska: Alaska Division of Geological & Geophysical Surveys Report of Investigations 84-16, 20 p., scale 1:250,000, 102 sheets.
- Patton, W.W., Jr., 1973, Reconnaissance geology of the northern Yukon-Koyukuk province, Alaska: U.S. Geological Survey Professional Paper 774-A, 17 p.
- Patton, W.W., Jr., and Hoare, J.M., 1968, The Kaitag fault, west-central Alaska, in Geological Survey research, 1968: U.S. Geological Survey Professional Paper 600-D, p. D147-D153.
- Post, Austin, and Mayo, L.R., 1971, Glacier dammed lakes and outburst floods in Alaska: U.S. Geological Hydrologic Investigations Atlas HA-455, 9 p., scale 1:1,000,000, 3 sheets.
- Reger, R.D., 1992 map interpretation.
- Weber, F.R., and Péwé, T.L., 1971, Surficial and engineering geology of the central part of the Yukon-Koyukuk lowland, Alaska: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-590, scale 1:125,000, 2 sheets.



Base from USGS Nulato (1952, minor revisions 1974) Quadrangle, Alaska

Digital cartography by R.L. Smith, D.S.P. Stevens, and A.G. Stumm, DGG



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

compiled by
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 2003



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