

DESCRIPTION OF MAP UNITS

Naleds - Area susceptible to winter buildup of thick seasonal icing sheets (naleds).

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

Brogan, G.E., Cluff, L.S., Korrings, M.K., and Simmons, D.B., 1975, Active faults in Alaska, in Pavoni, N., and Green, R., eds., Recent crustal movements: Tectonophysics, v. 29, no. 1-4, p. 73-85.

Chapman, R.M., Yeend, Warren, Brosgé, W.P., and Reiser, H.N., 1982, Text and tables to accompany the reconnaissance geologic map of the Tanana Quadrangle, Alaska: U.S. Geological Survey Open-File Report 82-734, 18 p., scale 1:250,000, 1 sheet.

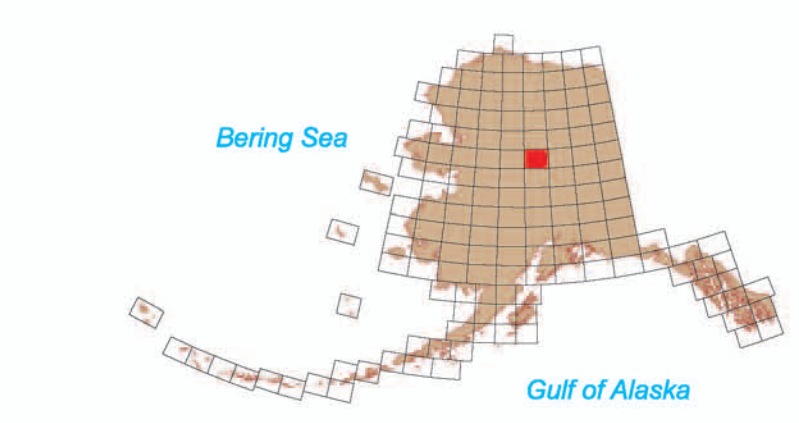
Dean, K.G., 1984a, Stream-icing zones in Alaska: Alaska Division of Geological & Geophysical Surveys Report of Investigations 84-16, 20 p., scale 1:250,000, 102 sheets.

Patton W.W., Jr., and Hoare, J.M., 1968, The Kalgag fault, west-central Alaska, in Geological Survey research, 1968: U.S. Geological Survey Professional Paper 600-D, p. D147-D153.

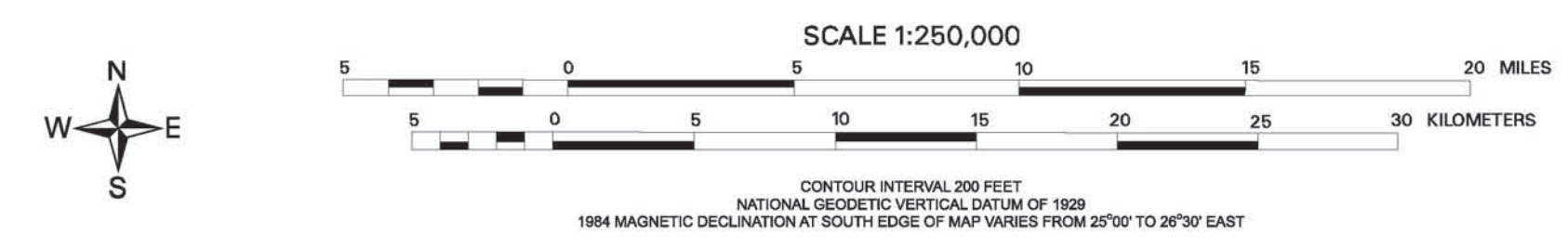
Post, Austin, and Mayo, L.R., 1971, Glacier dammed lakes and outburst floods in Alaska: U.S. Geological Survey Hydrologic Investigations Atlas HA-455, 9 p., scale 1:1,000,000, 3 sheets.

Reger, R.D., 1992, map interpretation.

Yeend, Warren, 1989, Late Cenozoic sedimentary history along major fault zones, Alaska, in Carter, L.D., Hamilton, T.D., and Galloway, J.P., eds., Late Cenozoic history of the interior basins of Alaska and the Yukon: U.S. Geological Survey Circular 1026, p. 55-59.



Location map for Tanana Quadrangle



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

compiled by
 R.D. Reger
 2003



The State of Alaska makes no express or implied warranties (including warranties for merchantability and fitness) with respect to the character, functions, or capabilities of the electronic products or services or their appropriateness for any user's purposes. In no event will the State of Alaska be liable for any incidental, indirect, special, consequential or other damages suffered by the user or any other person or entity whether from use of the electronic products or services, any failure thereof or otherwise, and in no event will the State of Alaska's liability to the Requestor or anyone else exceed the fee paid for the electronic product or service.