

DESCRIPTION OF MAP UNITS

- Snow avalanches - Significant potential for snow avalanches based on the presence of steep topography.
- 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

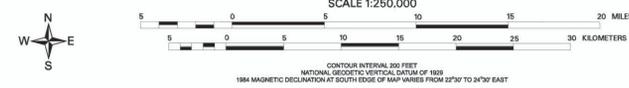
- Dean, K.G., 1984a, Stream-icing zones in Alaska: Alaska Division of Geological & Geophysical Surveys Report of Investigations 84-16, 20 p., scale 1:250,000, 102 sheets.
- Patton, W.W., Jr., 1973, Reconnaissance geology of the northern Yukon-Koyukuk province, Alaska: U.S. Geological Survey Professional Paper 774-A, 17 p.
- Patton, W.W., Jr., and Hoare, J.M., 1968, The Kaltag 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.



Location map for Ruby Quadrangle

Base from USGS Ruby (1962, limited revisions 1984) Quadrangle, Alaska

Digital cartography by R.L. Smith, D.S.P. Stevens, and A.S. Sturman, DGCS



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

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