

DESCRIPTION OF MAP UNITS

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

DESCRIPTION OF MAP SYMBOLS

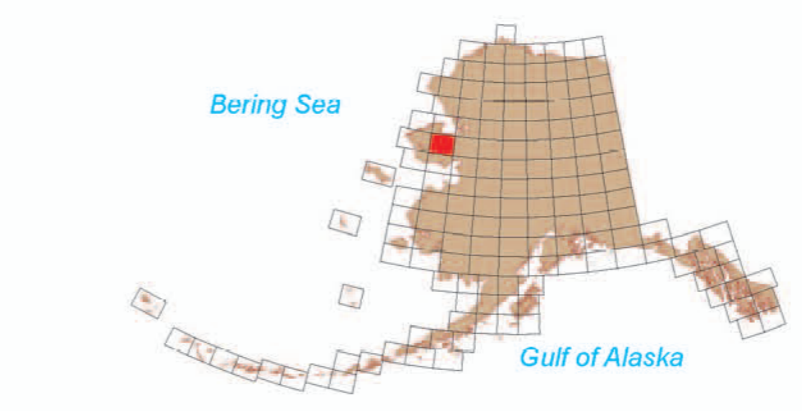
- Definitely active fault - Clear evidence of movement during the past 10,000 years; solid where location is known, dashed where approximately located, dotted where inferred.

PERMAFROST

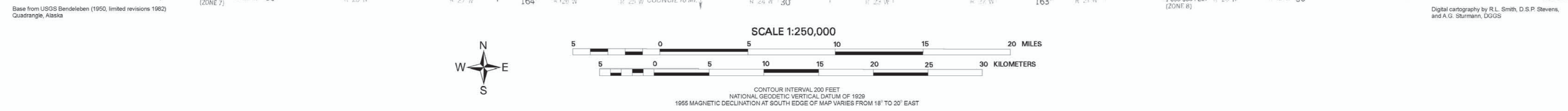
- Perennially frozen ground is discontinuous in this quadrangle.

MAP SOURCES

- Dean, R.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.
- Hudson, Travis, and Pfister, George, 1978, Kigluik and Bendeleben faults, Seward Peninsula, in Johnson, K.M., ed., The United States Geological Survey in Alaska - Accomplishments during 1977: U.S. Geological Survey Circular 772-B, p. B47-B50.
- Kaufman, D.S., 1985, Windy Creek and Crater Creek faults, Seward Peninsula, in Bartsch-Winkler, Susan and Reed, K.M., eds., The United States Geological Survey in Alaska - Accomplishments in 1983: U.S. Geological Survey Circular 945, p. 22-24.
- 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.
- Til, A.B., Dumoulin, J.A., Gamble, B.M., Kaufman, D.S., and Carroll, P.I., 1986, Preliminary geologic map and fossil data, Solomon, Bendeleben, and southern Kotzebue Quadrangles, Seward Peninsula, Alaska: U.S. Geological Survey Open-Files Report 86-276, 60 p., scale 1:250,000, 3 sheets.



Location map for Bendeleben Quadrangle



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

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