

Base from USGS Lime Hills (1968, revised editions 1983) Quadrangle, Alaska

Digital cartography by K.L. Smith, D.S.P. Stevens, and A.G. Starnem, DGGS

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

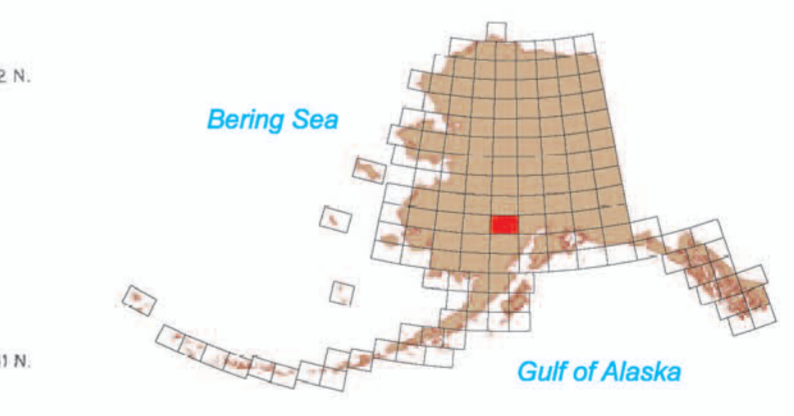
- Definitely active fault - Clear evidence of movement during the past 10,000 years; solid where location is known, dashed where approximately located, dotted where inferred.

PERMAFROST

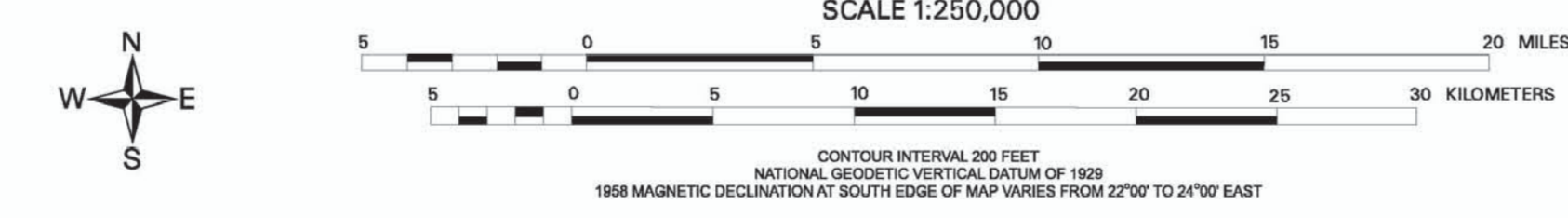
Perennially frozen ground is transitional from discontinuous to sporadic in this quadrangle.

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.
- DGGS, unpublished data. Compilation of geology of the Lime Hills Quadrangle: scale 1:250,000, 1 sheet.
- Gilbert, W.G. 1981. Preliminary geologic map and geochemical data, Chukotna River area, Alaska: Alaska Division of Geological & Geophysical Surveys Open-file Report 153, scale 1:63,360, 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.



Location map for Lime Hills Quadrangle



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

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