

DESCRIPTION OF MAP UNITS

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

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.

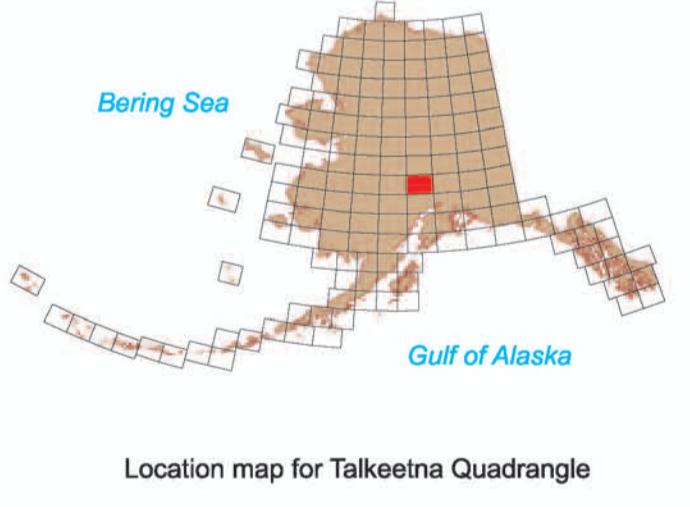
Probably active fault - Evidence of probable movement during the past 10,000 years; solid where location is known, dashed where approximately located, dotted where inferred.

PERMAFROST

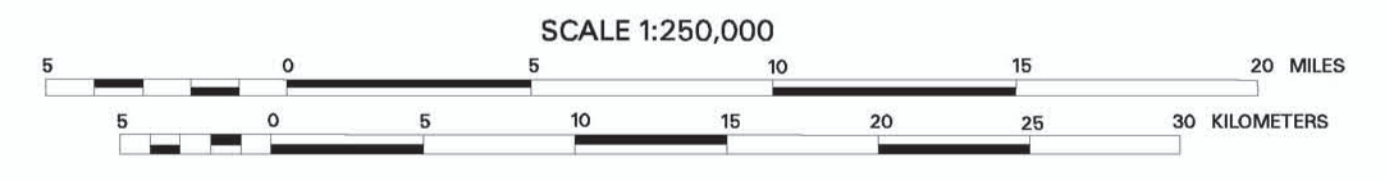
Perennially frozen ground is transitional from discontinuous to sporadic in this quadrangle.

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.
- Nelson, S.W., and Reed, B.L., 1978, Surficial deposits map of the Talkeetna Quadrangle, Alaska: U.S. Geological Survey Miscellaneous Field Studies Map MF-8704, scale 1:250,000, 1 sheet.
- Plafker, George, Hudson, Travis, and Richter, D.H., 1977, Preliminary observations on late Cenozoic displacements along the Totschunda and Denali fault systems, in Blean, K.M., ed., The United States Geological Survey in Alaska: Accomplishments during 1976: U.S. Geological Survey Circular 751-B, p. B67-B69.
- 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.
- Reed, B.L., and Nelson, S.W., 1980, Geologic map of the Talkeetna Quadrangle, Alaska: U.S. Geological Survey Miscellaneous Investigations Map I-1174, 15 p., scale 1:250,000, 1 sheet.
- Reger, R.D., 1992 map interpretation.



Base from USGS Talkeetna (1956, minor revisions 1987) Quadrangle, Alaska



SCALE 1:250,000
 CONTOUR INTERVAL 200 FEET
 NATIONAL GEODESIC VERTICAL DATUM OF 1929
 1988 MAGNETIC DECLINATION AT SOUTH EDGE OF MAP VARIES FROM 24°30' TO 26°00' EAST

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

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