

DESCRIPTION OF MAP UNITS

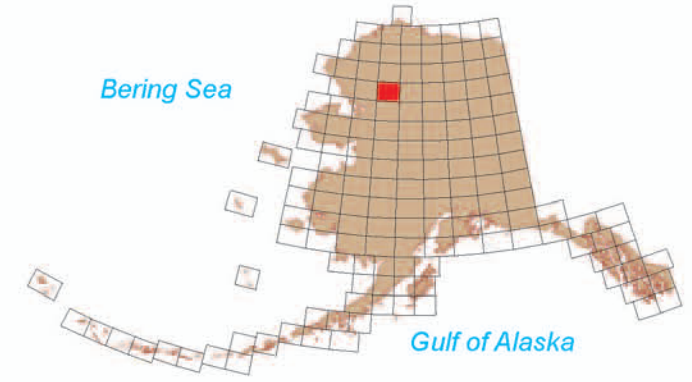
- Snow avalanches - Significant potential for snow avalanches based on the presence of steep topography.
- Naleds - Area susceptible to winter buildup of thick seasonal icing sheets (naleds).

PERMAFROST

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

MAP SOURCES

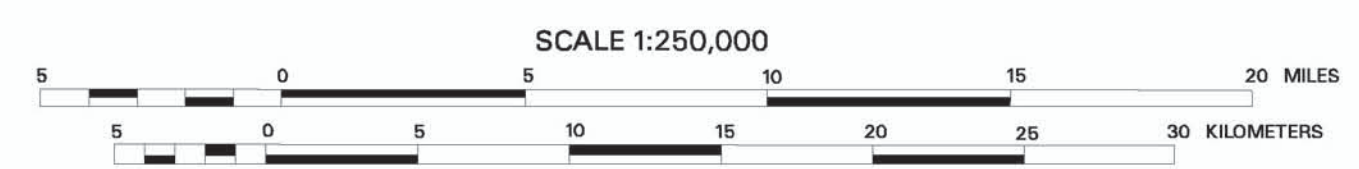
- Dean, K.G., 1984a, Stream-icing zones in Alaska: Alaska Division of Geological and Geophysical Surveys Report of Investigations 84-16, 20 p., scale 1:250,000, 102 sheets.
- Post, Austin, and Mayo, R.L., 1971, Glacier dammed lakes and outburst floods in Alaska: U.S. Geological Survey Hydrologic Investigations Atlas HA-455, 9 p., scale 1:1,000,000, 3 sheets.
- Reger, R.D., 1992 map interpretation.



Location map for Ambler River Quadrangle

Base from USGS Ambler River (1956, limited revisions 1982) Quadrangle, Alaska

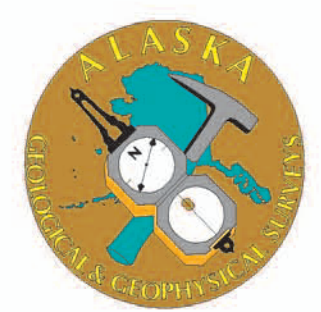
Digital cartography by R.L. Smith, D.S.P. Stevens, and A.G. Sturmann, DGGG



CONTOUR INTERVAL 200 FEET
NATIONAL GEODESIC VERTICAL DATUM OF 1929
1956 MAGNETIC DECLINATION AT SOUTH EDGE OF MAP VARIES FROM 22° TO 24° EAST

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

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