ALASKA DIVISION OF GEOLOGICAL &
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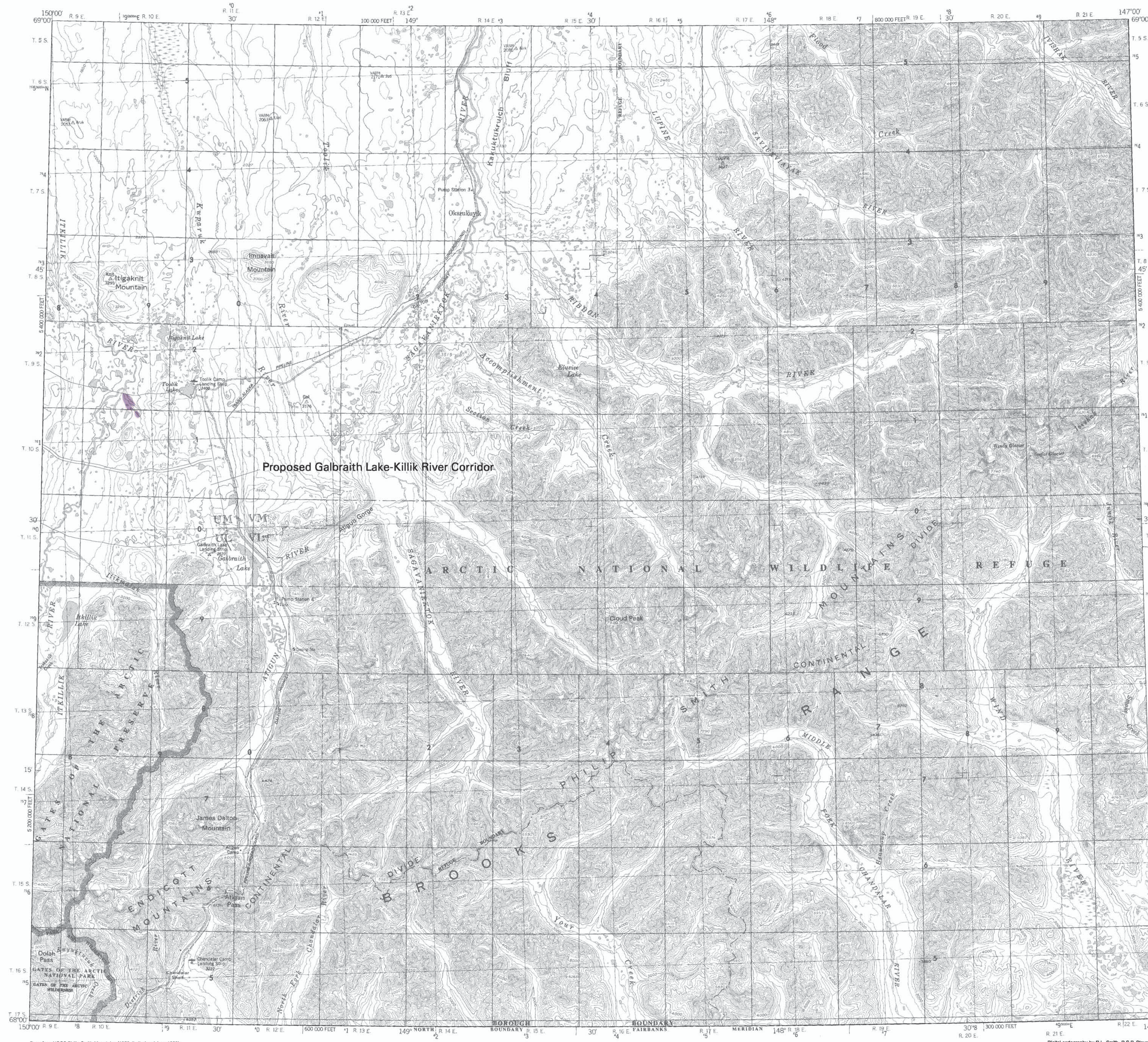
Reger (2003), sheet 2 of 2
Explanatory booklet published separately



Base from USGS Philip Smith Mountains (1956, limited revisions 1983) Quadrangle, Alaska

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

SCALE 1:250,000

5 0 5 10 15 20 MILES

5 0 5 10 15 20 25 30 KILOMETERS

CONTOUR INTERVAL 200 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
1975 MAGNETIC DECLINATION AT SOUTH EDGE OF MAP VARIES FROM 28° TO 31° EAST

DESCRIPTION OF MAP UNITS

Naleds - Area susceptible to winter buildup of thick seasonal icing sheets (naleds).

PERMAFROST

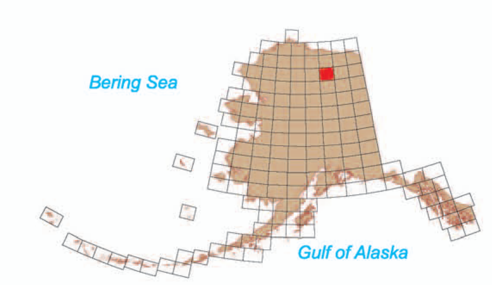
Perennially frozen ground is transitional from continuous to discontinuous in this quadrangle.

MAP SOURCES

Dean K.G., 1984a, Stream-icing zones in Alaska: Alaska Division of Geological & Geophysical Surveys Report of Investigations 84-16, 20 p., scale 1:250,000, 102 sheets.

Post, Austin, and Mayo, L.R. , 1971, Glacier dammed lakes and outburst floods in Alaska: U.S. Geological Hydrologic Investigations Atlas HA-455, 9 p., scale 1:1,000,000, 3 sheets.

Reger, R.D., 1992 map interpretation.



Location map for Philip Smith Mountains Quadrangle

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

compiled by
R.D. Reger

2003

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