

ALASKA DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

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DESCRIPTION OF MAP UNITS

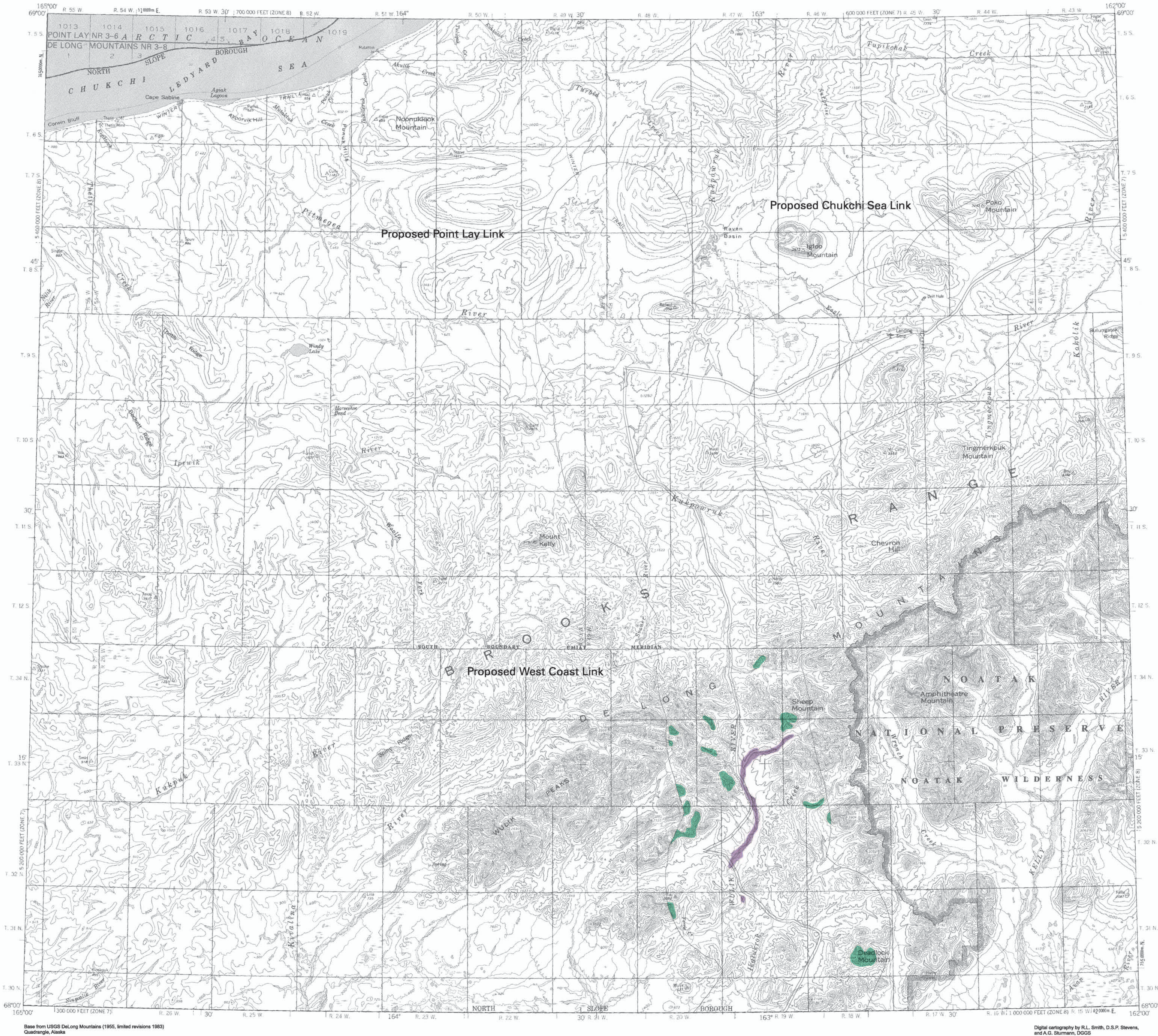
- Snow avalanches - Significant potential for snow avalanches based on the presence of steep topography.
- Naleds - Area susceptible to winter buildup of thick seasonal icing sheets (naleds).

PERMAFROST

Perennially frozen ground is continuous in this quadrangle.

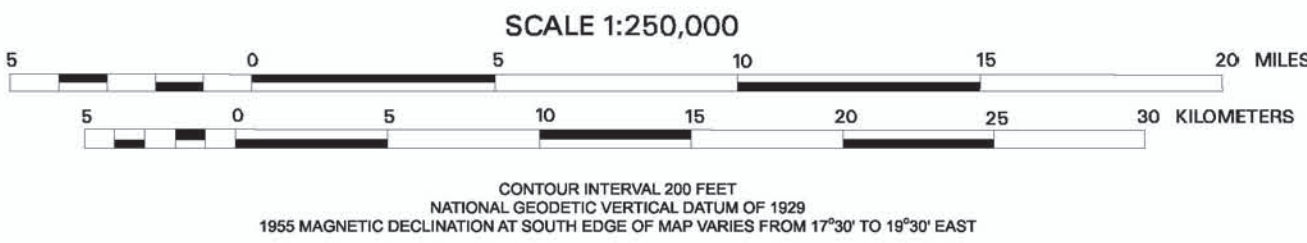
MAP SOURCES

- 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.
- Ellersieck, Inyo, Curtis, S.M., Mayfield, C.F., and Tailleux, L.L., 1990, Reconnaissance geologic map of the DeLong Mountains A-2 and B-2 Quadrangles and part of the C-2 Quadrangle, Alaska: U.S. Geological Survey Miscellaneous Investigations Map I-1931, scale 1:63,360, 2 sheets.
- Mayfield, C.F., Curtis, S.M., Ellersieck, Inyo, and Tailleux, L.L., 1990, Reconnaissance geologic map of the DeLong Mountains A-3 and B-3 Quadrangles and parts of the A-4 and B-4 Quadrangles, Alaska: U.S. Geological Survey Miscellaneous Investigations Map I-1929, scale 1:63,360, 2 sheets.
- Mull, C.G., unpublished data, Compilation of bedrock geology of DeLong Mountains Quadrangle, Alaska: scale 1:250,000, 1 sheet.
- Sable, E.G., Chapman, R.M., and Tailleux, L.L., 1984, Geologic map of the western Kulpowuk-Nuka Rivers region, northwestern Alaska: U.S. Geological Survey Miscellaneous Field Studies Map MF-1668, scale 1:63,360, 2 sheets.
- Sable, E.G., and Mangus, M.D., 1984, Geologic map



Blues from USGS DeLong Mountains (1955, limited revisions 1983)
Chukchi, Alaska

Digital cartography by R.L. Smith, D.S.P. Stevens,
and A.D. Summers, 2003



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

compiled by
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2003



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