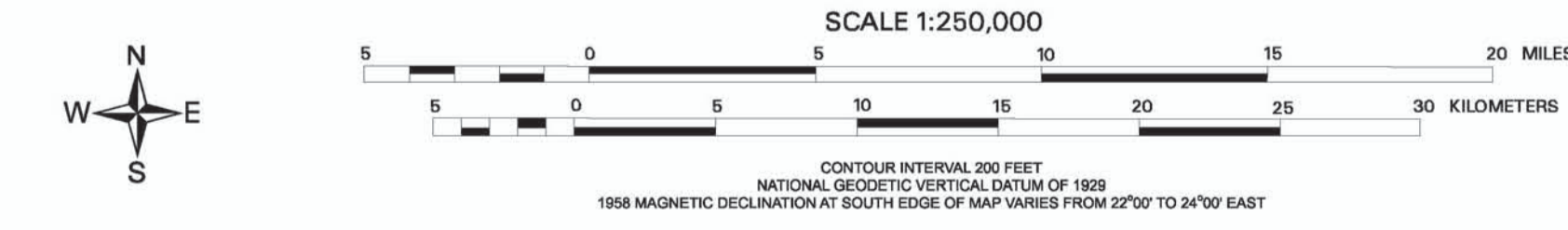
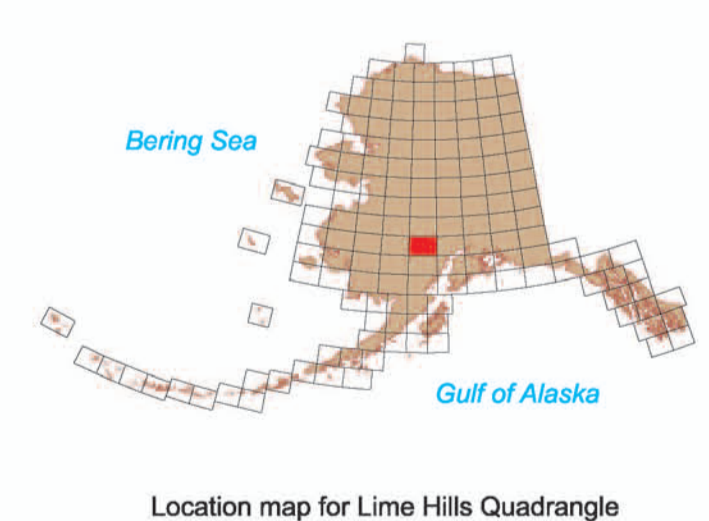


Base from USGS Lime Hills (1988, limited revisions 1983)
 Chukotka, Alaska

Digital cartography by R.L. Smith, D.S.P. Stevens,
 and A.G. Stumpp, DGGSS

- DESCRIPTION OF MAP UNITS**
- IV Rapid mass movements and snow avalanching
 - X Significant liquefaction potential, significant ground-ice content, and seasonal flooding
 - XII No identified hazards
 - XIII Rapid mass movements, significant ground-ice content, seasonal flooding, and snow avalanching (this composite unit is present only in quadrangles for which there is no existing geologic mapping; it is derived from geologic-materials classes, rather than directly from geologic units)

- MAP SOURCES**
- Capps, S.R., 1930, The Chukachma-Stony region, Alaska: U.S. Geological Survey Bulletin 813B, p. 97-123.
- DGGS, unpublished data, Compilation of geology of the Lime Hills Quadrangle: scale 1:250,000, 1 sheet.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, Cheeneetruk River area, Alaska: Alaska Division of Geological & Geophysical Surveys Open-file Report 153, scale 1:63,360, 1 sheet.
- Gilbert, W.G., Buntzen, T.K., Kline, J.T., and Laird, G.M., 1990, Preliminary geology and geochemistry of the southwest part of the Lime Hills D-4 Quadrangle, Alaska: Alaska Division of Geological & Geophysical Surveys Report of Investigations 90-6, scale 1:63,360, 1 sheet.
- Weber, F.R., 1961, Reconnaissance engineering geology for selection of highway route from Talkeetna to McGrath, Alaska: U.S. Geological Survey Open-file Report 61-169, scale 1:250,000, 15 sheets.



**MAP OF POTENTIAL GEOLOGIC HAZARDS ALONG PROPOSED TRANSPORTATION CORRIDORS
 IN THE LIME HILLS QUADRANGLE, ALASKA: PART 1, DERIVATIVE HAZARDS**

compiled by
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 2003



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