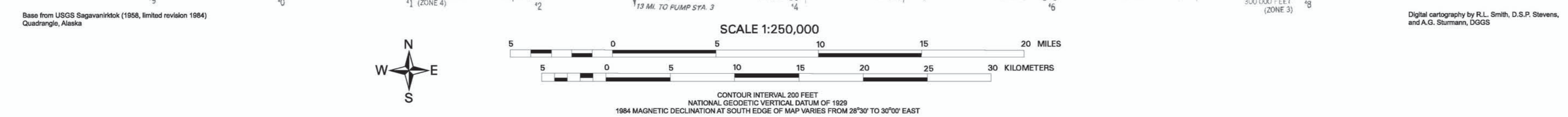
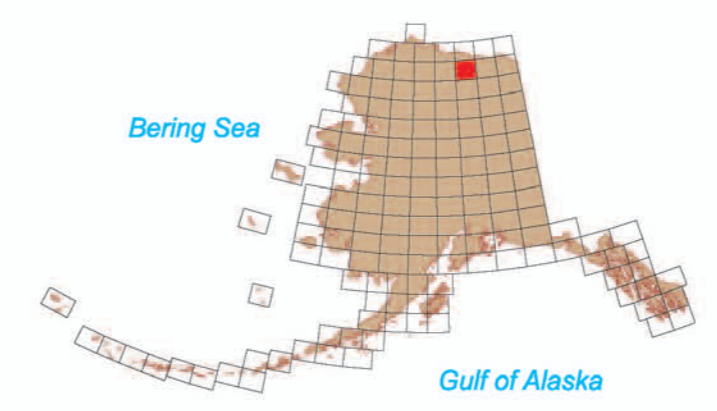


- DESCRIPTION OF MAP UNITS**
- X Significant liquefaction potential, significant ground-ice content, and seasonal flooding
  - XII No identified hazards
  - XIII Rapid mass movements, significant ground-ice content, seasonal flooding, and snow avalanching (this composite unit is present only in quadrangles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

- MAP SOURCES**
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  - Ferrans, O.J., Jr., 1971. Preliminary engineering geologic maps of the proposed trans-Alaska pipeline route, Beechey Point and Sagavanirktok Quadrangles: U.S. Geological Survey Open-file Report 71-101, scale 1:125,000, 2 sheets.
  - Pinney, D.S., 1992. Photointerpretation.
  - Yeend, Warren, 1973. Preliminary geologic map of a prospective transportation route from Prudhoe Bay, Alaska, to Canadian border, Part 1, Beechey Point and Sagavanirktok Quadrangles: U.S. Geological Survey Miscellaneous Field Studies Map MF-489, scale 1:125,000, 2 sheets.



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

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2003



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