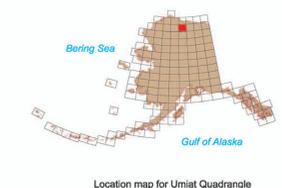


- DESCRIPTION OF MAP UNITS**
- II Significant ground-ice content
 - VI Significant liquefaction potential and seasonal flooding
 - IX Rapid mass movements, seasonal flooding, and snow avalanching
 - X Significant liquefaction potential, significant ground-ice content, and seasonal flooding
 - XI Hazards possibly present but unknown
 - XII No identified hazards

MAP SOURCES
Carier, L.D., and Galloway, J.P., 1986, Engineering-geologic maps of northern Alaska, Umiat Quadrangle: U.S. Geological Survey Open-File Report 86-335, 16 p., scale 1:250,000, 2 sheets.



Base from USGS Umiat (1956, minor revision 1987) Quadrangle, Alaska

SCALE 1:250,000

0 5 10 15 20 MILES

0 5 10 15 20 25 30 KILOMETERS

CONTOUR INTERVAL 300 FEET

NATIONAL GEODESIC VERTICAL DATUM OF 1988

1987 MAGNETIC DECLINATION AT SOUTH EDGES OF MAP VARIES FROM 27°30' TO 28°30' EAST

Digital cartography by R.L. Smith, D.S.P. Stevens, and A.G. Sturmen, CGS



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

compiled by
D.S.P. Stevens and R.L. Smith
2003

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