

- DESCRIPTION OF MAP UNITS**
- Significant ground-ice content
  - Seasonal flooding
  - Significant liquefaction potential and seasonal flooding
  - Rapid mass movements, seasonal flooding, and snow avalanching
  - No identified hazards

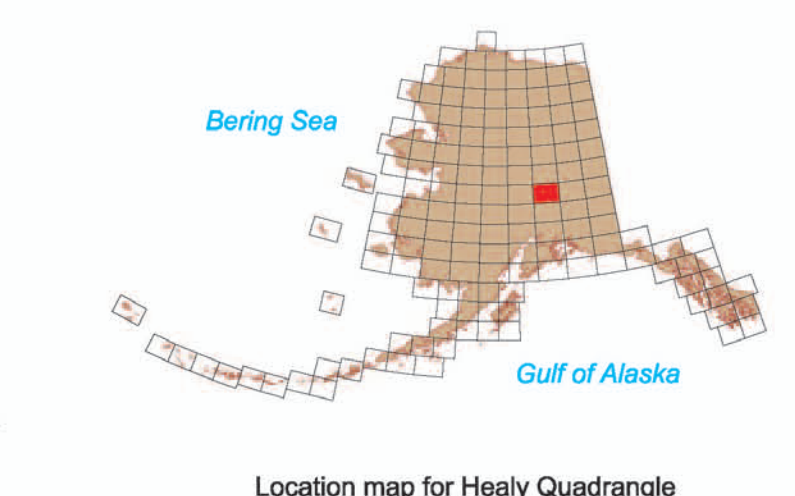
**MAP SOURCES**

Csejtes, Bela, Jr., Mullen, M.W., Cox, D.P., Gilbert, W.G., Yeend, W.E., Smith, T.E., Wahrhaftig, Clyde, Craddock, Campbell, Brewer, W.M., Sherwood, K.W., Hickman, R.G., Stricker, G.D., St. Aubin, D.R., and Goetz, D.H., III, 1986, Geology and geochronology of the Healy Quadrangle, Alaska: U.S. Geological Survey Open-file Report 86-396, 96 p., scale 1:250,000, 4 sheets.

Gilbert, W.G., and Bundum, T.K., 1976, General geology and geochemistry of Healy D-5 and D-6 Quadrangles, Alaska: Alaska Division of Geological & Geophysical Surveys Open-file Report 101, 6 p., scale 1:63,360, 2 sheets.

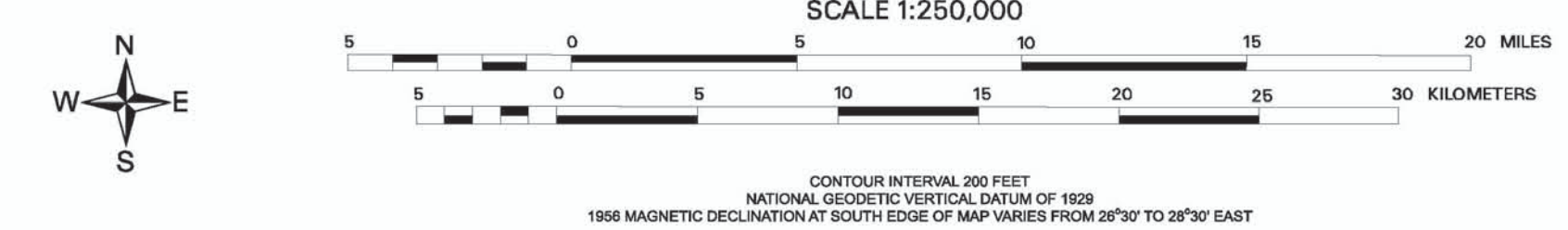
Wahrhaftig, Clyde, 1970a, Geologic map of the Healy D-4 Quadrangle, Alaska: U.S. Geological Survey Geologic Quadrangle Map GQ-806, scale 1:63,360, 1 sheet.

Wahrhaftig, Clyde, 1970b, Geologic map of the Healy D-5 Quadrangle, Alaska: U.S. Geological Survey Geologic Quadrangle Map GQ-807, scale 1:63,360, 1 sheet.



Scan from USGS Healy (1964, minor revisions 1981) Quadrangle, Alaska

Digital cartography by R.L. Smith, D.S.P. Stevens, and A.G. Stumm, DGS



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

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



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