

DESCRIPTION OF MAP UNITS

UNCONSOLIDATED DEPOSITS

- GM** Chiefly (estimated greater than 80%) clean sand and gravel. Rare oversized material. Includes GW and GP (Unified Soil Classification).
- GS** Mixed coarse and fine material. Estimated 20-80% coarse, granular deposits with considerable oversized material. Includes GM and GC (Unified Soil Classification).
- SA** Chiefly (estimated 80%) sand. Includes SW and SP (Unified Soil Classification).
- SM** Chiefly fine materials. Estimated greater than 80% sand, silt, and clay. Includes SM, SC, ML, MH, CL, and CH (Unified Soil Classification).
- OR** Chiefly organic materials. Estimated greater than 50% peat, organic sand, or organic silt. Includes Pt (Unified Soil Classification).

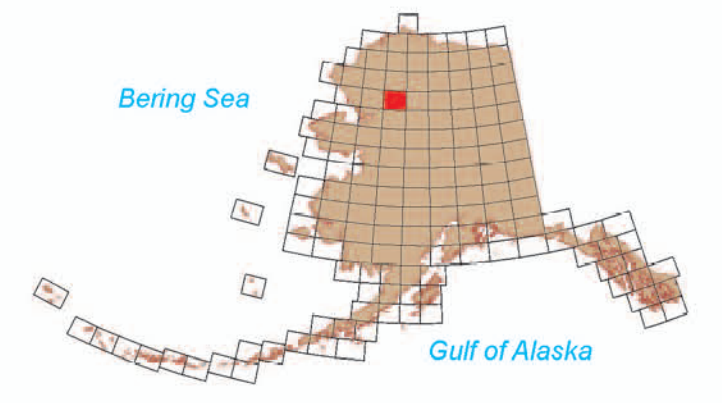
BEDROCK

- BC** Medium-jointed, fine- to coarse-grained sedimentary carbonate rocks and their metamorphic equivalents. May be deeply weathered.
- BG** Coarse-jointed, coarse-grained igneous lithologies. May be deeply weathered.
- BM** Medium-jointed, fine- to medium-grained quartzose sedimentary rocks and their metamorphic equivalents. May be deeply weathered.
- BV** Medium-jointed, fine-grained igneous rocks and their metamorphic equivalents. May be deeply weathered.
- BO** All other lithologies. May be deeply weathered.
- BU** Undifferentiated bedrock lithologies. May be deeply weathered.

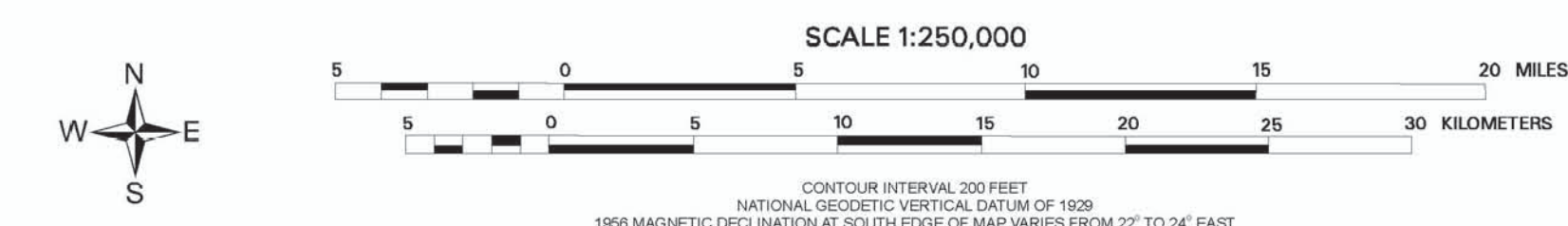
MAP SOURCES

Hamilton, T.D., 1984, Surficial geologic map of the Ambler River Quadrangle, Alaska: U.S. Geological Survey Miscellaneous Field Studies Map MF-1678, scale 1:250,000, 1 sheet.

Pessel, G.H., and Brosgé, W.P., 1977, Preliminary reconnaissance geologic map of Ambler River Quadrangle, Alaska: U.S. Geological Survey Open-file Report 77-28, scale 1:250,000, 1 sheet.



Location map for Ambler River Quadrangle



DERIVATIVE GEOLOGIC-MATERIALS MAP OF PROPOSED TRANSPORTATION CORRIDORS  
IN THE AMBLER RIVER QUADRANGLE, ALASKA

compiled by  
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