

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).
- SM** Chiefly fine materials. Estimated greater than 80% sand, silt, and clay. Includes SM, SC, ML, MH, CL, and CH (Unified Soil Classification).

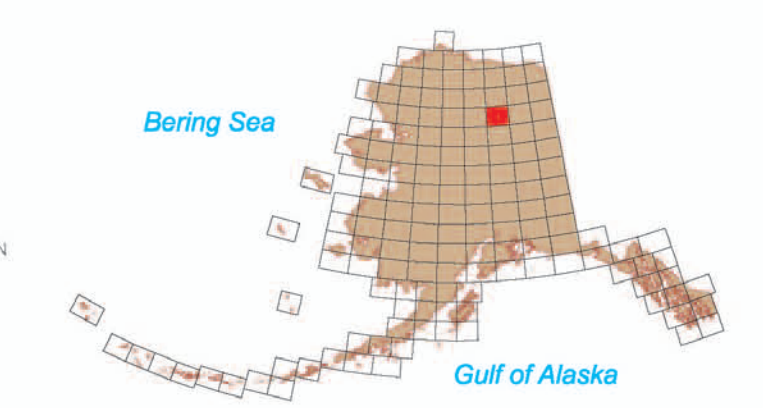
BEDROCK

- BO** 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

Broggè, W.P. and Reiser, H.N., 1964, Geologic map and section of the Chandalar Quadrangle, Alaska: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-375, scale 1:250,000, 1 sheet.

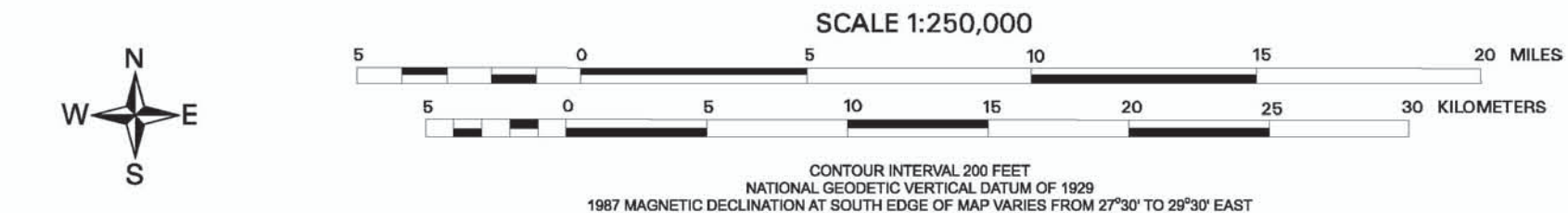
Hamilton, T.D., 1978, Surficial geologic map of the Chandalar Quadrangle, Alaska: U.S. Geological Survey Miscellaneous Field Studies Map MF-878A, scale 1:250,000, 1 sheet.



Location map for Chandalar Quadrangle

Base from USGS Chandalar (1965, unbrd. revision 1982) Quadrangle, Alaska

Digital cartography by R.L. Smith, D.S.P. Stevens, and A.C. Summers, 2003



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

compiled by
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2003



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