

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).
- DR** Chiefly organic materials. Estimated greater than 50% peat, organic sand, or organic silt. Includes Pt (Unified Soil Classification).

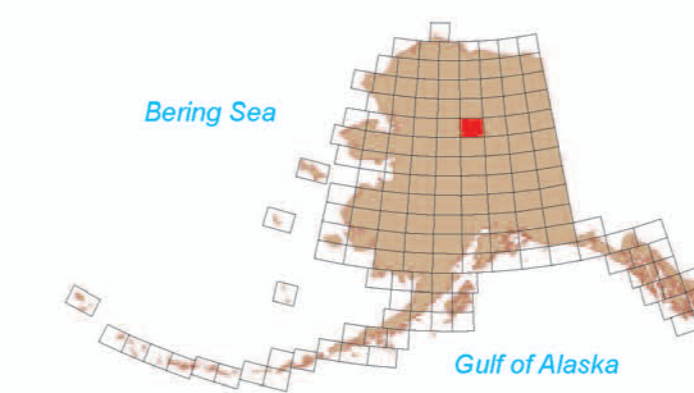
BEDROCK

- BO** Coarse-jointed, coarse-grained igneous lithologies. 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.

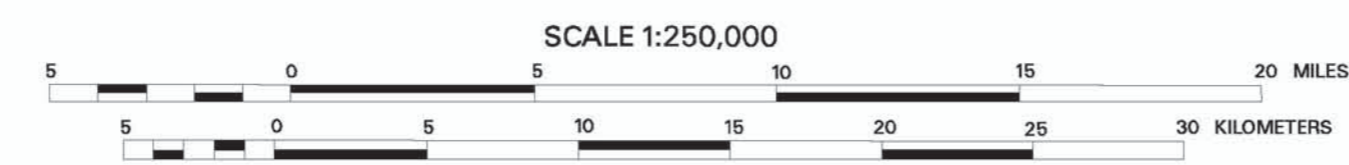
MAP SOURCES

Patton, W.W., Jr., and Miller, T.P. 1973. Bedrock geologic map of Bettles and southern part of Wiseman Quadrangles, Alaska. U.S. Geological Survey Miscellaneous Field Studies Map MF-492, scale 1:250,000, 1 sheet.

Reger, R.D., 1992. Photointerpretation.



Location map for Bettles Quadrangle



SCALE 1:250,000  
CONTOUR INTERVAL 200 FEET  
NATIONAL GEODESIC VERTICAL DATUM OF 1929  
1984 MAGNETIC DECLINATION AT SOUTH EDGE OF MAP VARIES FROM 25°00' TO 27°00' EAST

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

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