

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).
- OS** 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

- 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.
- BD** All other lithologies. May be deeply weathered.
- BU** Undifferentiated bedrock lithologies. May be deeply weathered.

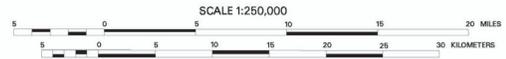
MAP SOURCES

- Bundzen, T.K., Smith, T.E., and Tosdal, R.M., 1976. Progress report: Geology and mineral deposits of the Kantishna Hills, Alaska: Alaska Division of Geological & Geophysical Surveys Open-file Report 58, 79 p., scale 1:63,360, 2 sheets.
- Reed, J.C., Jr., 1961. Geology of the Mount McKinley Quadrangle, Alaska: U.S. Geological Survey Bulletin 1108A, 36 p., scale 1:250,000, 1 sheet.
- Ten Brink, N.W., 1984. North Alaska Range Project: Final report on 1978-1982 geoarcheological studies: report to National Geographical Society and National Park Service, 856 p., scale 1:63,360, 11 sheets.



Location map for Mount McKinley Quadrangle

Base from USGS Mount McKinley (1958, limited revisions 1982) Quadrangle, Alaska



SCALE 1:250,000  
 CONTOUR INTERVAL 200 FEET  
 NATIONAL GEODETIC REFERENCE DATUM OF 1983  
 1983 MAGNETIC DECLINATION AT SOUTH EDGE OF MAP VARIES FROM 24°30' TO 28°30' EAST

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

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