



DESCRIPTION OF MAP UNITS

UNCONSOLIDATED DEPOSITS

- OM** 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).
- SM** Chiefly fine materials. Estimated greater than 80% sand, silt, and clay. Includes SM, SC, MI, MH, CI, and CH (Unified Soil Classification).
- OR** Chiefly organic materials. Estimated greater than 50% peat, organic sand, or organic silt. Includes Pt (Unified Soil Classification).

REDROCK

- BM** Medium-jointed, fine- to medium-grained quartzose sedimentary rocks and their metamorphic equivalents. May be deeply weathered.
- IV** Medium-jointed, fine-grained igneous rocks and their metamorphic equivalents. May be deeply weathered.
- BD** All other lithologies. May be deeply weathered.

MAP SOURCES

Hamilton, T.D., 1981, Surficial geologic map of the Survey Pass Quadrangle, Alaska: U.S. Geological Survey Miscellaneous Field Studies Map MF-1520, scale 1:250,000, 1 sheet.

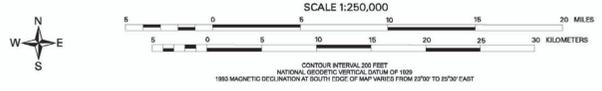
Nelson, S.W. and Grybeck, Donald, 1980, Geologic map of the Survey Pass Quadrangle, Brooks Range, Alaska: U.S. Geological Survey Miscellaneous Field Studies Map MF-1176A, scale 1:250,000, 2 sheets.



Location map for Survey Pass Quadrangle

Base from USGS Survey Pass (1966, limited revisions 1982) Quadrangle, Alaska

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



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

compiled by
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2003



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