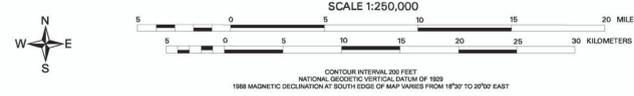
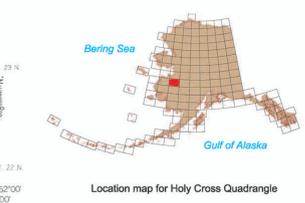


- DESCRIPTION OF MAP UNITS**
- UNCONSOLIDATED DEPOSITS**
- GM** Chiefly (estimated greater than 80%) clean sand and gravel. Rare oversized material. Includes GW and GP (Unified Soil Classification).
 - GS** Mixed coarse and fine material. Estimated 20-80% coarse, granular deposits with considerable oversized 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).
 - OR** Chiefly organic materials. Estimated greater than 50% peat, organic sand, or organic silt. Includes Pt (Unified Soil Classification).
- BEDROCK**
- SG** 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.
 - BU** Undifferentiated bedrock lithologies. May be deeply weathered.

- MAP SOURCES**
- Beikman, H.M., 1974, Preliminary geologic map of the southwest quadrant of Alaska. U.S. Geological Survey Miscellaneous Field Studies Map MF-611, scale 1:1,000,000, 2 sheets.
 - Livingston, H.R., 1983, Holy Cross Airport (Project F25341). Fairbanks, Alaska Department of Transportation and Public Facilities engineering geology and soils report, 11 p.
 - Livingston, H.R., 1992 photointerpretation.



**DERIVATIVE GEOLOGIC-MATERIALS MAP OF PROPOSED TRANSPORTATION CORRIDORS
IN THE HOLY CROSS QUADRANGLE, ALASKA**
compiled by
H.R. Livingston, G.R. Cruse, D.S.P. Stevens, and R.L. Smith
2003



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