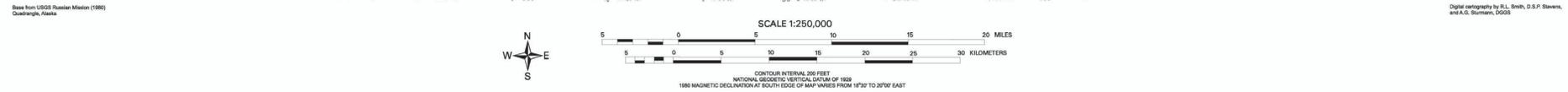


- DESCRIPTION OF MAP UNITS**
- UNCONSOLIDATED DEPOSITS**
- GM** Chiefly (estimated greater than 80%) clean sand and gravel. Rare oversized material. Includes GW and GP (Unified Soil Classification).
 - GS** Mixed coarse and fine material. Estimated 20-80% coarse, granular deposits with considerable oversized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

MAP SOURCES

Bundtzen, T.K., and Laird, G.M., 1991, Geology and mineral resources of the Russian Mission C-1 Quadrangle, southwest Alaska: Alaska Division of Geological & Geophysical Surveys Professional Report 109, 24 p., scale 1:63,360, 2 sheets.

Hoare, J.M., and Conrad, W.L., 1959b, Geology of the Russian Mission Quadrangle, Alaska: U.S. Geological Survey Miscellaneous Geologic Investigations Map 1-292, scale 1:250,000, 1 sheet.



**DERIVATIVE GEOLOGIC-MATERIALS MAP OF PROPOSED TRANSPORTATION CORRIDORS
 IN THE RUSSIAN MISSION QUADRANGLE, ALASKA**

compiled by
 R.D. Reger, D.S.P. Stevens, and R.L. Smith
 2003



The State of Alaska makes no express or implied warranties (including warranties for merchantability and fitness) with respect to the character, functions, or capabilities of the electronic products or services or their appropriateness for any user's purposes. In no event will the State of Alaska be liable for any incidental, indirect, special, consequential or other damages suffered by the user or any other person or entity whether from use of the electronic products or services, any failure thereof or otherwise, and in no event will the State of Alaska's liability to the licensor or anyone else exceed the fee paid for the electronic product or service.