

DESCRIPTION OF MAP UNITS

UNCONSOLIDATED DEPOSITS

- GM** Chiefly (estimated greater than 80%) clean sand and gravel. Rare overcast material. Includes GW and GP (Unified Soil Classification).
- GB** Mixed coarse and fine material. Estimated 20-80% coarse, granular deposits with considerable overcast 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 P (Unified Soil Classification).

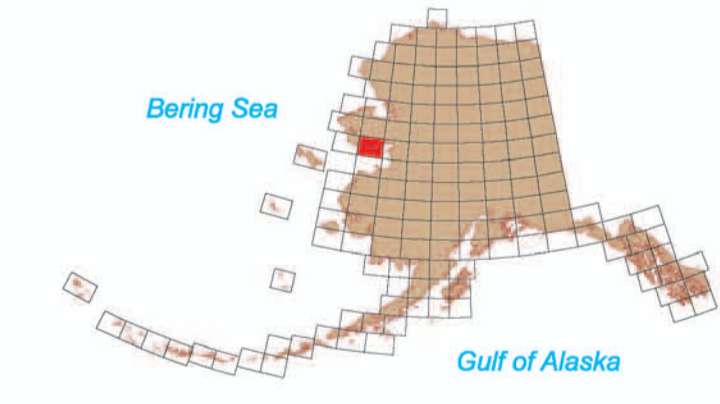
BEDROCK

- BC** Medium-jointed, fine- to coarse-grained sedimentary carbonate rocks and their metamorphic equivalents. May be deeply weathered.
- 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.
- BD** All other lithologies. May be deeply weathered.

MAP SOURCES

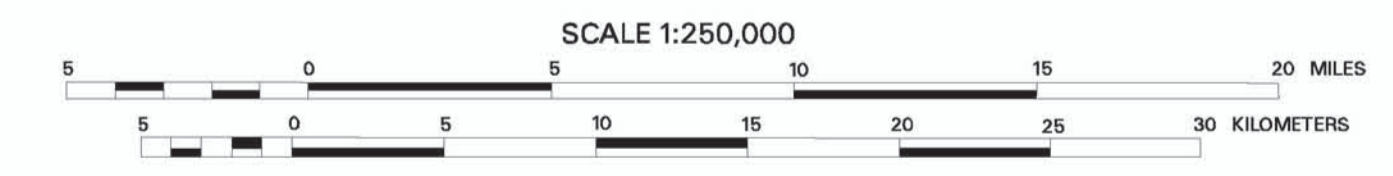
Kaufman, D.S., 1986, Surficial geologic map of the Solomon, Bendeleben, and southern part of the Kotzebue Quadrangles, western Alaska: U.S. Geological Survey Miscellaneous Field Studies Map MF-1838A, scale 1:250,000, 1 sheet.

Till, A.B., Dumoulin, J.A., Gamble, B.M., Kaufman, D.S., and Carroll, P.I., 1986, Preliminary geologic map and fossil data, Solomon, Bendeleben, and southern Kotzebue quadrangles, Seward Peninsula, Alaska: U.S. Geological Survey Open-File Report 86-276, 60 p., scale 1:250,000, 3 sheets.



Location map for Solomon Quadrangle

Base from USGS Solomon (1960, revised revisions 1986) Quadrangle, Alaska



CONTOUR INTERVAL 200 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1989
1985 MAGNETIC DECLINATION AT SOUTH EDGE OF MAP VARIES FROM 17°30' TO 19°50' EAST

Digital cartography by R.L. Smith, D.S.P. Stevens, and A.G. Stumm, DOGS

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

compiled by
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2003



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