



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).

BEDROCK

- BC** Medium-jointed, fine- to coarse-grained sedimentary carbonate rocks and their metamorphic equivalents. May be deeply weathered.
- IG** Coarse-jointed, coarse-grained igneous lithologies. May be deeply weathered.
- IV** Medium-jointed, fine-grained igneous rocks and their metamorphic equivalents. May be deeply weathered.
- IU** Undifferentiated bedrock lithologies. May be deeply weathered.

MAP SOURCES

Cass, J.T., 1959c, Reconnaissance geologic map of the Ruby Quadrangle, Alaska: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-289, scale 1:63,360, 1 sheet.  
Pimney, D.S., 1992 photointerpretation.



Location map for Ruby Quadrangle

Base from USGS Ruby (1962, limited revisions 1984) Quadrangle, Alaska

Digital cartography by R.L. Smith, D.S.P. Stevens, and A.G. Summers, GDS



SCALE 1:250,000  
CONTOUR INTERVAL 200 FEET  
NATIONAL GEODESIC VERTICAL DATUM OF 1985  
1984 MAGNETIC DECLINATION AT SOUTH EDGE OF MAP VARIES FROM 27°30' TO 24°30' EAST

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

compiled by  
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