ALASKA DIVISION OF GEOLOGICAL &
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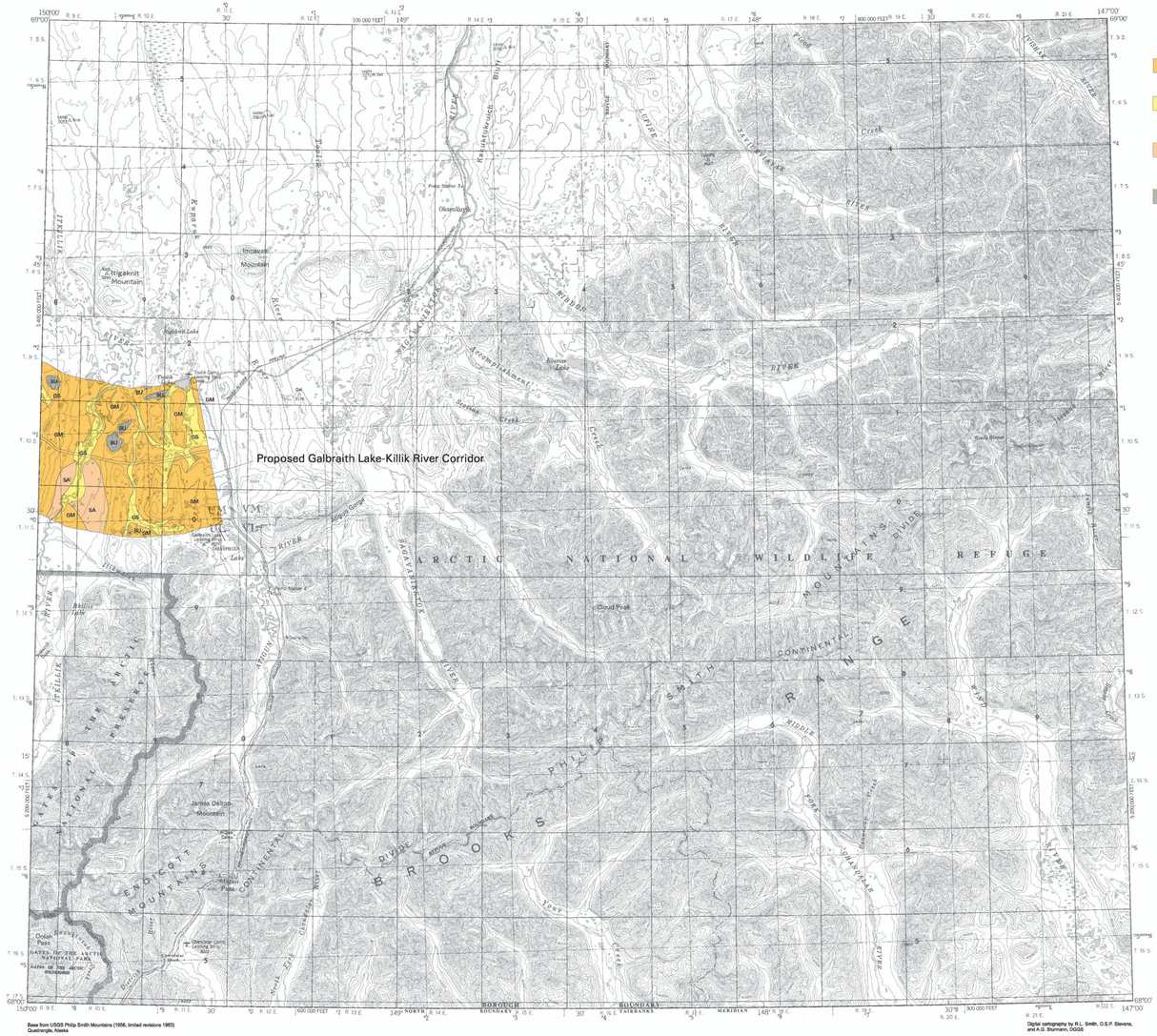

SCALE 1:250,000

5 0 5 10 15 20 MILES
5 0 5 10 15 20 25 30 KILOMETERS

CONTOUR INTERVAL 200 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
1975 MAGNETIC DECLINATION AT SOUTH EDGE OF MAP VARIES FROM 28°00' TO 31°00' EAST

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).

SA — Chiefly (estimated 80%) sand. Includes SW and SP (Unified Soil Classification).

BEDROCK

BU — Undifferentiated bedrock lithologies. May be deeply weathered.

MAP SOURCES

Brosgé, W.P., Reiser, H.N., Dutro, J.T., Jr., and Detterman, R.L., 1979, Bedrock geologic map of the Philip Smith Mountains Quadrangle, Alaska: U.S. Geological Survey Miscellaneous Field Studies Map MF-879B, scale 1:250,000, 2 sheets.

Hamilton, T.D., 1978, Surficial geologic map of the Philip Smith Mountains Quadrangle, Alaska: U.S. Geological Survey Miscellaneous Field Studies Map MF-879A, scale 1:250,000, 1 sheet.

Location map for Philip Smith Mountains Quadrangle

DERIVATIVE GEOLOGIC-MATERIALS MAP OF PROPOSED TRANSPORTATION CORRIDORS IN THE PHILIP SMITH MOUNTAINS QUADRANGLE

compiled by

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2003

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