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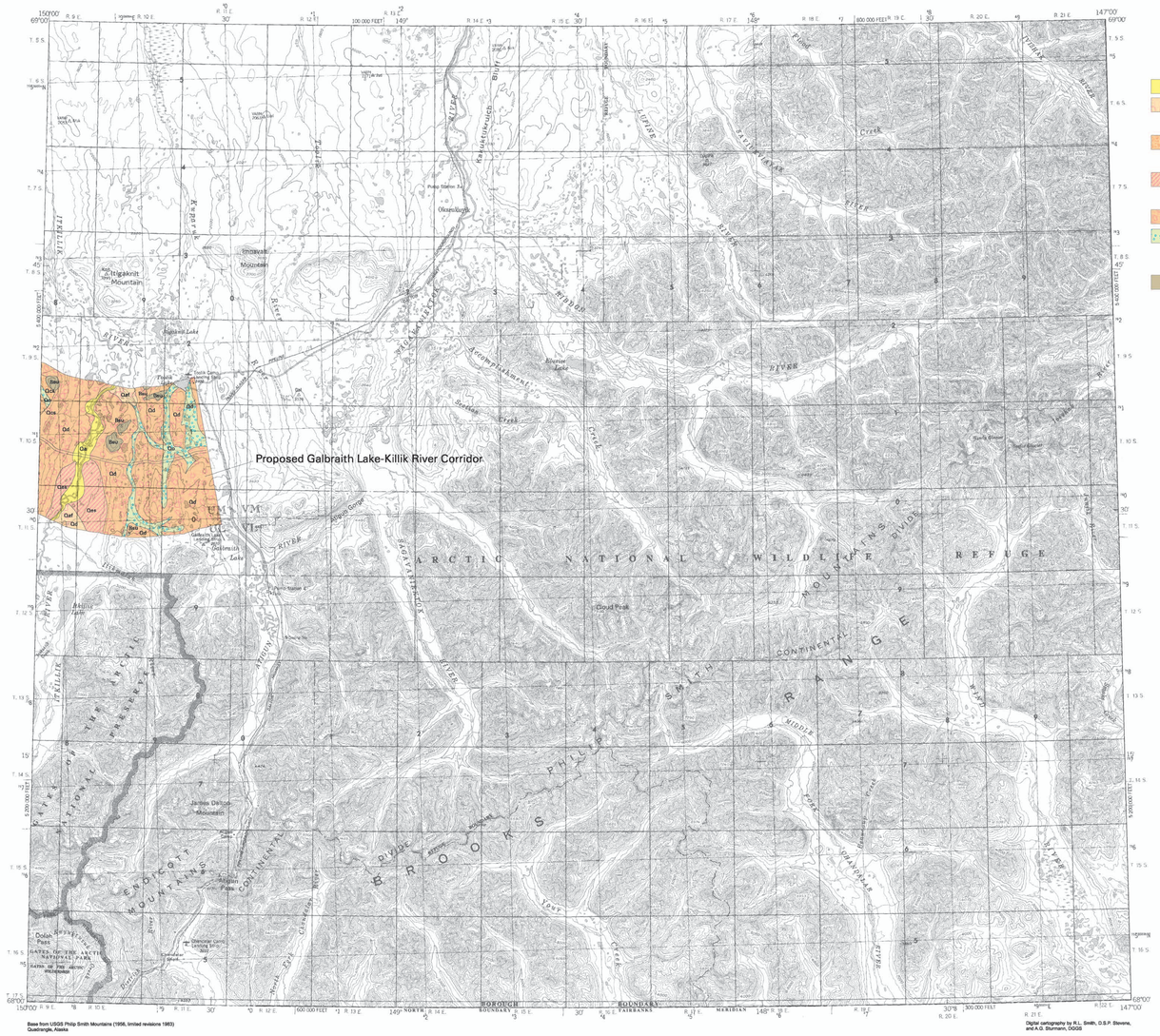

DESCRIPTION OF MAP UNITS

UNCONSOLIDATED DEPOSITS

Alluvial Deposits

- Qa — Undifferentiated alluvium
- Qaf — Alluvial-fan deposits

Colluvial Deposits

- Qcs — Solifluction deposits

Eolian Deposits

- Qes — Dune sand

Glacial Deposits

- Qd — Undifferentiated drift
- Qo — Outwash/Inwash

BEDROCK

Sedimentary Rocks

- Beu — Undifferentiated sedimentary rocks

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

N W E S

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

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

compiled by
D.S.P. Stevens and R.L. Smith

2003

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