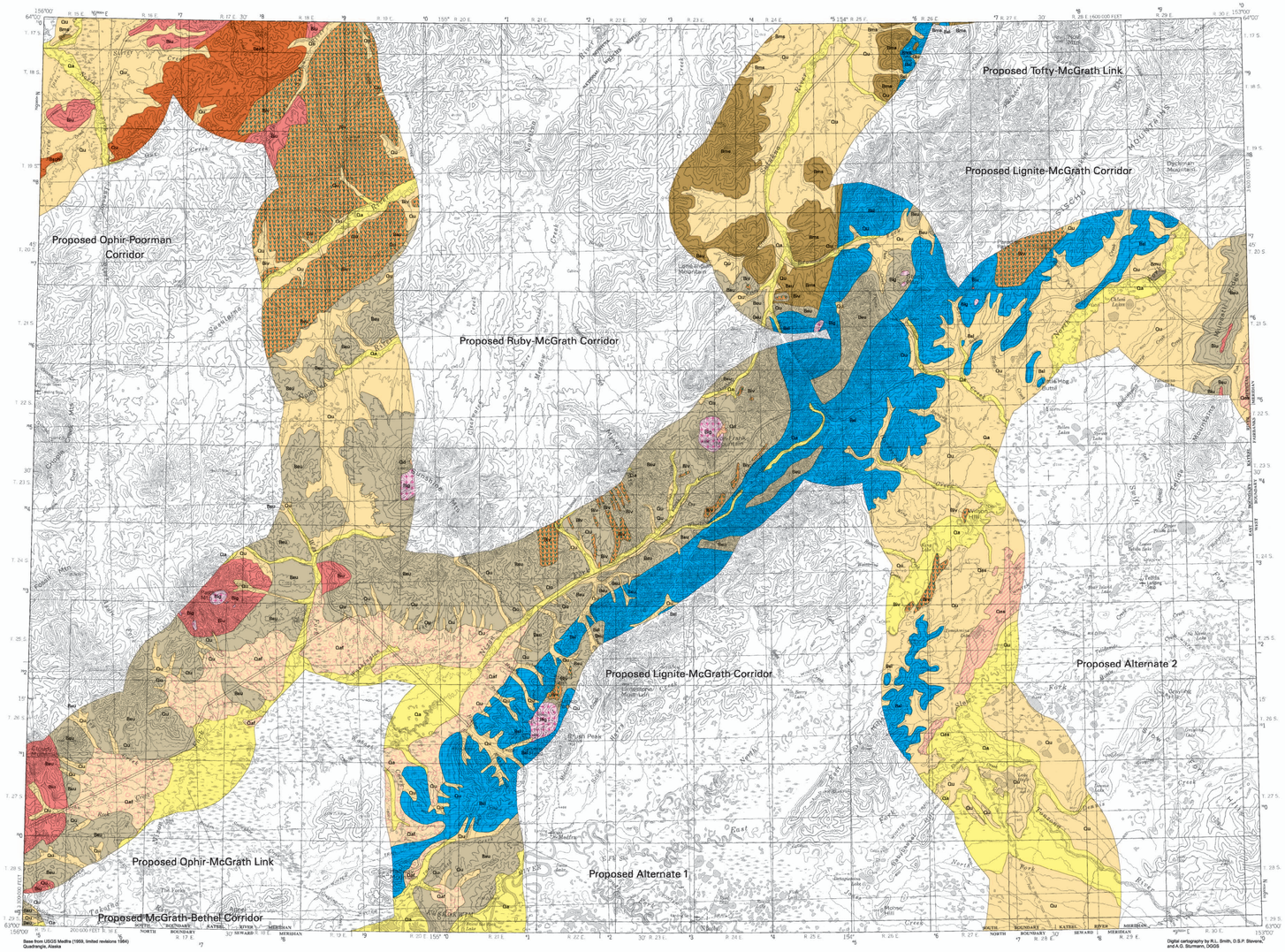
ALASKA DIVISION OF GEOLOGICAL &
GEOPHYSICAL SURVEYS



Base from USGS Medfra (1999, limited revisions 1984) Quadrangle, Alaska

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
1994 MAGNETIC DECLINATION AT SOUTH EDGE OF MAP VARIES FROM 22°30' TO 24°00' EAST

GEOLOGIC MAP OF PROPOSED TRANSPORTATION CORRIDORS IN THE MEDFRA QUADRANGLE, ALASKA

compiled by

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

2003

MISCELLANEOUS PUBLICATION 90d
Stevens and Smith (2003)
Explanatory booklet published separately as MP 129

DESCRIPTION OF MAP UNITS

UNCONSOLIDATED DEPOSITS

Alluvial Deposits

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

Eolian Deposits

- Qes — Dune sand

Glacial Deposits

- Qd — Undifferentiated drift

Other Surficial Deposits

- Qu — Undifferentiated surficial deposits

BEDROCK

Igneous Rocks

- Biu — Undifferentiated igneous rocks
- Big — Granitic rocks, coarse-grained gneiss, migmatite
- Biv — Volcanic rocks

Sedimentary Rocks

- Beu — Undifferentiated sedimentary rocks
- Bech — Chert
- Bil — Limestone, dolostone

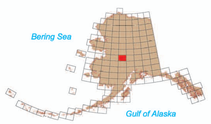
Metamorphic Rocks

- Bmu — Undifferentiated metamorphic rocks
- Bms — Schist, serpentine

MAP SOURCES

Fernald, A.T., 1960, Geomorphology of the upper Kuskokwim region, Alaska: U.S. Geological Survey Bulletin 1071G, p. 191-279, scale 1:250,000, 2 sheets.

Patton, W.W., Jr., Moll, E.J., Dutro, J.T., Jr., Silberman, M.L., and Chapman, R.M., 1980, Preliminary geologic map of the Medfra Quadrangle, Alaska: U.S. Geological Survey Open-file Report 80-811A, scale 1:250,000, 1 sheet.



Location map for Medfra Quadrangle

Digital cartography by R.L. Smith, D.S.P. Stevens, and A.G. Sturmann, DGGS

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 Requestor or anyone else exceed the fee paid for the electronic product or service.