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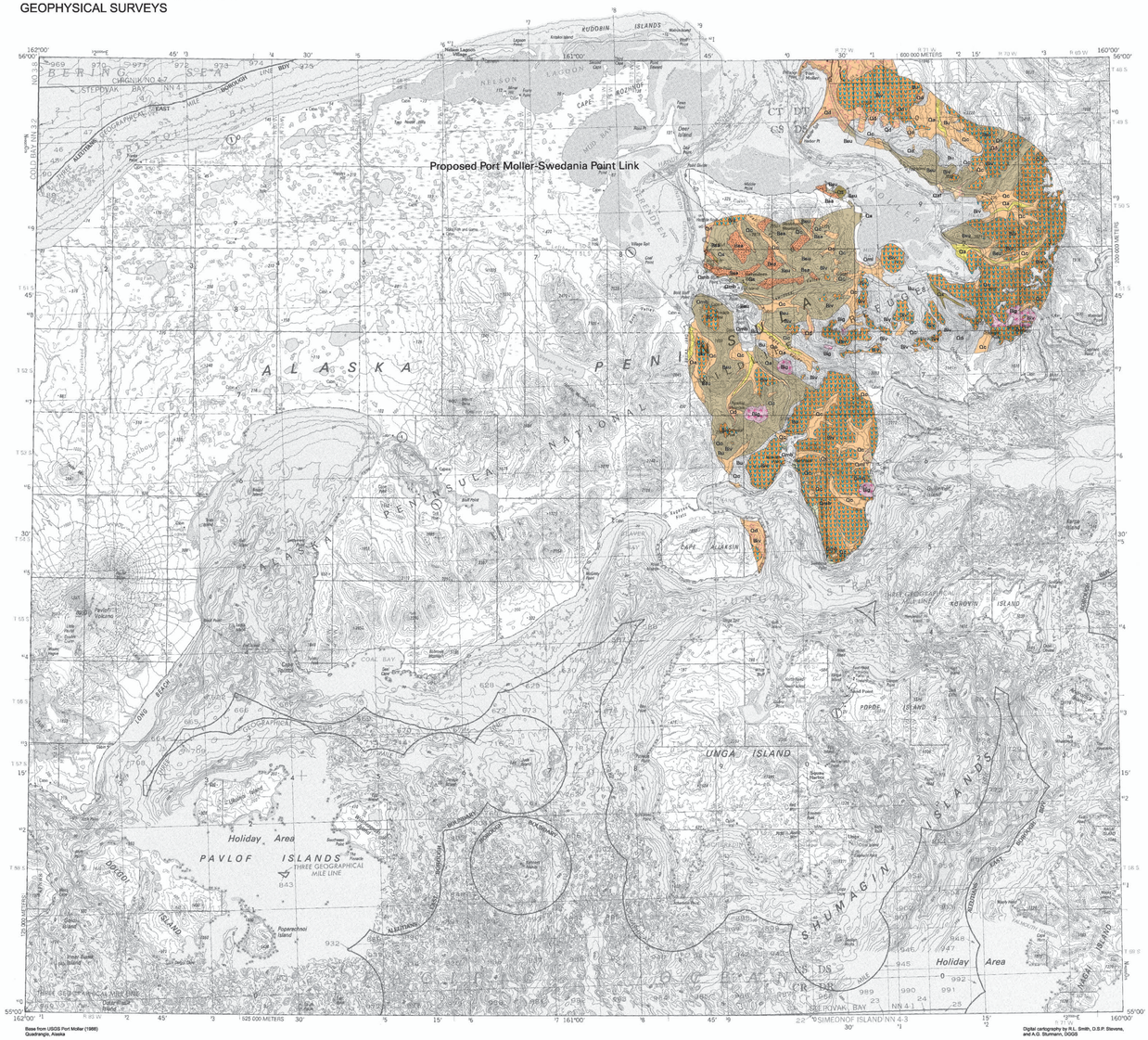

SCALE 1:250,000

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
1968 MAGNETIC DECLINATION AT SOUTH EDGE OF MAP VARIES FROM 17°00' TO 18°00' EAST

GEOLOGIC MAP OF PROPOSED TRANSPORTATION CORRIDORS IN THE PORT MOLLER QUADRANGLE, ALASKA

compiled by

R.D. Reger, G.R. Cruse, D.S.P. Stevens, and R.L. Smith

2003

DESCRIPTION OF MAP UNITS

UNCONSOLIDATED DEPOSITS

Alluvial Deposits

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

Colluvial Deposits

- Qc — Undifferentiated colluvium

Lacustrine and Marine Deposits

- Qmb — Marine beach deposits
- Qmd — Deltaic and lagoonal deposits

Glacial Deposits

- Qd — Undifferentiated drift

Other Surficial Deposits

- Qs — Swamp deposits

BEDROCK

Igneous Rocks

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

Sedimentary Rocks

- Beu — Undifferentiated sedimentary rocks
- Bss — Sandstone

Other Bedrock

- Bu — Undifferentiated or unknown bedrock

MAP SOURCES

Wilson, F.H., Detterman, R.L., and Harris, E.E., 1991, Generalized geologic map of the Port Moller, Stepovak Bay, and Simeonof Island Quadrangles, Alaska Peninsula, Alaska: U.S. Geological Survey Miscellaneous Field Studies Map MF-2155A, scale 1:250,000, 1 sheet.

Reger, R.D., 1992 satellite-imagery interpretation.

Location map for Port Moller Quadrangle

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