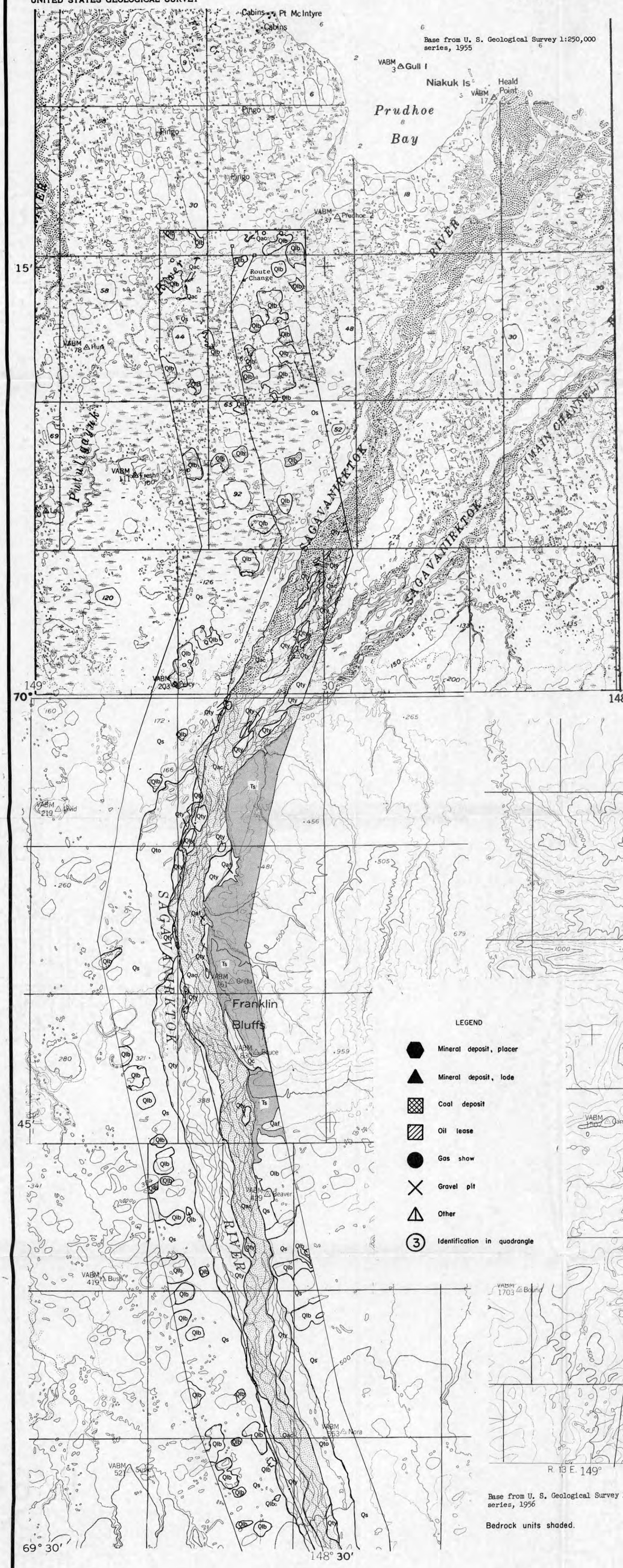
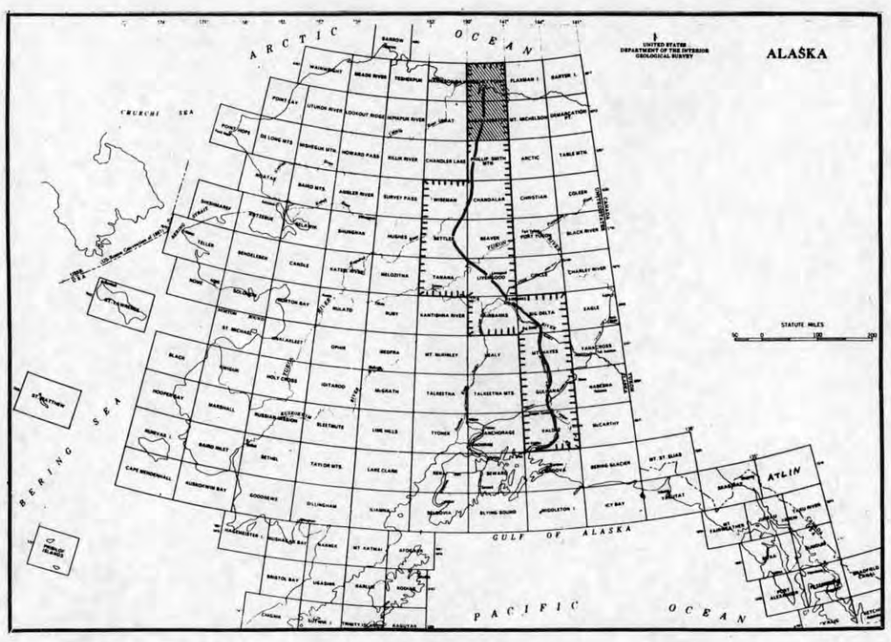




EXPLANATION

UNCONSOLIDATED DEPOSITS

HOLOCENE

- Qac — Active flood plain
- Qaf — Alluvial fans
- Qc — Colluvium
- Qty — Young alluvial terraces
- Qto — Old alluvial terraces
- Qas — Fine-grained alluvium and colluvium
- Qlb — Drained lake basins
- Qls — Landslide

PLEISTOCENE

- Qs — Coastal-plain silt and sand
- Qmo — Old moraine

QUATERNARY

SEDIMENTARY ROCKS

- Ts — Tertiary sediments
- Ksc — Cretaceous sandstone and conglomerate

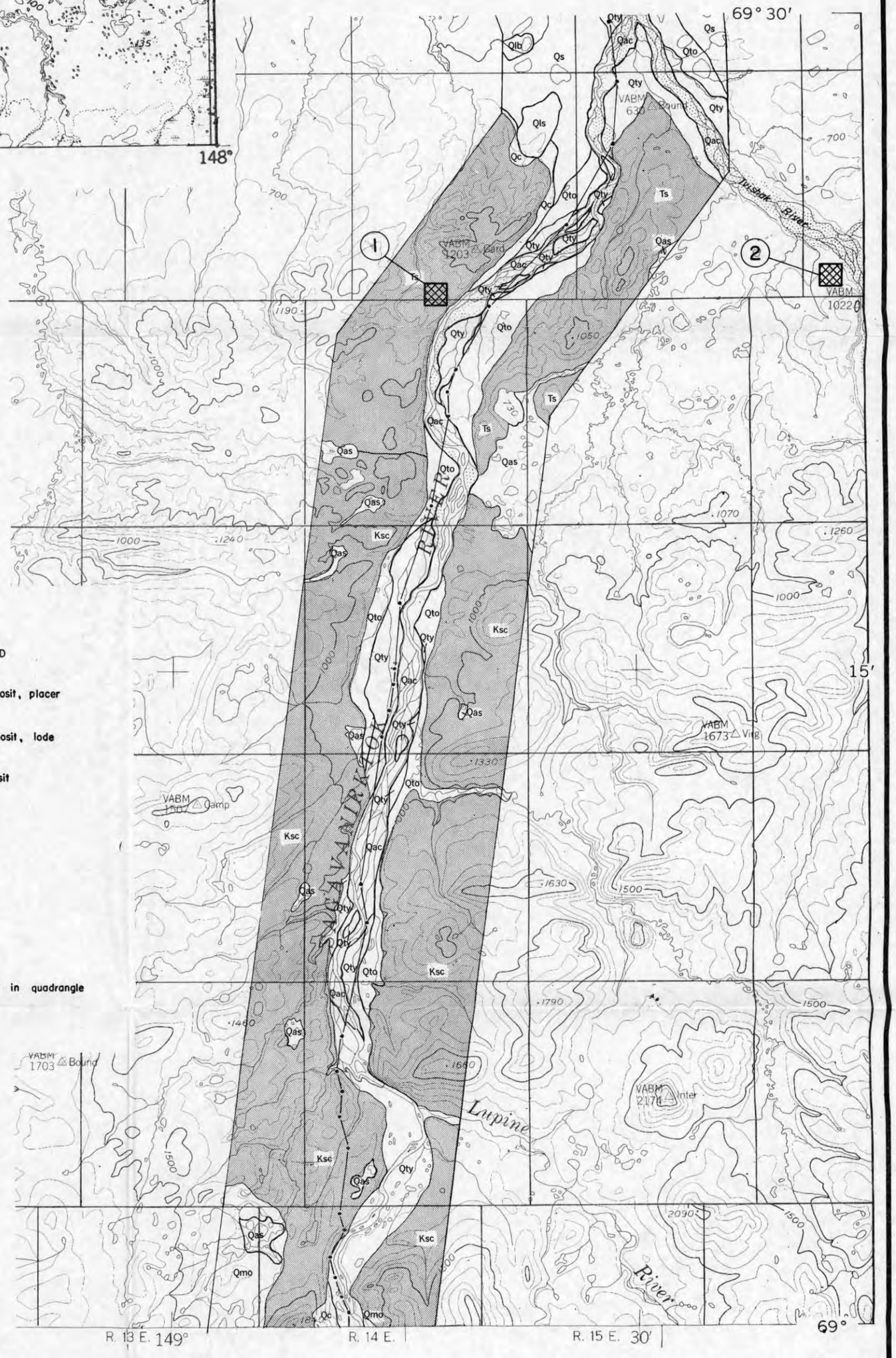
SYMBOLS

- Contact (Locally gradational and approximately located)
- Pingos (ice-cored hillocks)
- Pipeline Route (Approximately located; based on information available prior to March 1971)

PRINCIPAL SOURCES OF INFORMATION

Ferrians, O. J., Jr., 1970, Unpublished field compilations; Lathram, E. H., 1965, U.S. Geol. Survey open-file report; Detterman, R. L., 1953, U.S. Geol. Survey Circ. 289; Keller, A. S., Morris, R. H., and Detterman, R. L., 1961, U.S. Geol. Survey Prof. Paper 303-D.

Note: Lakes can be distinguished from geologic units by the absence of geologic symbols.



Base from U. S. Geological Survey 1:250,000 series, 1956

Bedrock units shaded.

2 0 2 4 6 8 10 MILES

2 0 2 4 6 8 10 KILOMETERS

CONTOUR INTERVAL 100 FEET
DOTTED LINES REPRESENT 50-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

N

FIGURE 1. - Preliminary engineering geologic maps of the proposed Trans-Alaska Pipeline route, Beechey Point and Sagavanirktok Quadrangles.

534-303 O - 74 (In pocket)