

EXPLANATION

UNCONSOLIDATED DEPOSITS

| | | |
|-------------------------------------|-----------------------|-----------|
| Qac | Qaf | Qc |
| Active flood plain | Alluvial fans | Colluvium |
| Qay | Qto | |
| Young alluvial terraces | Old alluvial terraces | |
| Qas | Qlb | Qls |
| Fine-grained alluvium and colluvium | Drained lake basins | Landslide |
| Qs | Qmo | |
| Coastal-plain silt and sand | Old moraine | |

SEDIMENTARY ROCKS

SYMBOLS

Tertiary sediments

Contact (locally gradational and approximately located)

Cretaceous sandstone and conglomerate

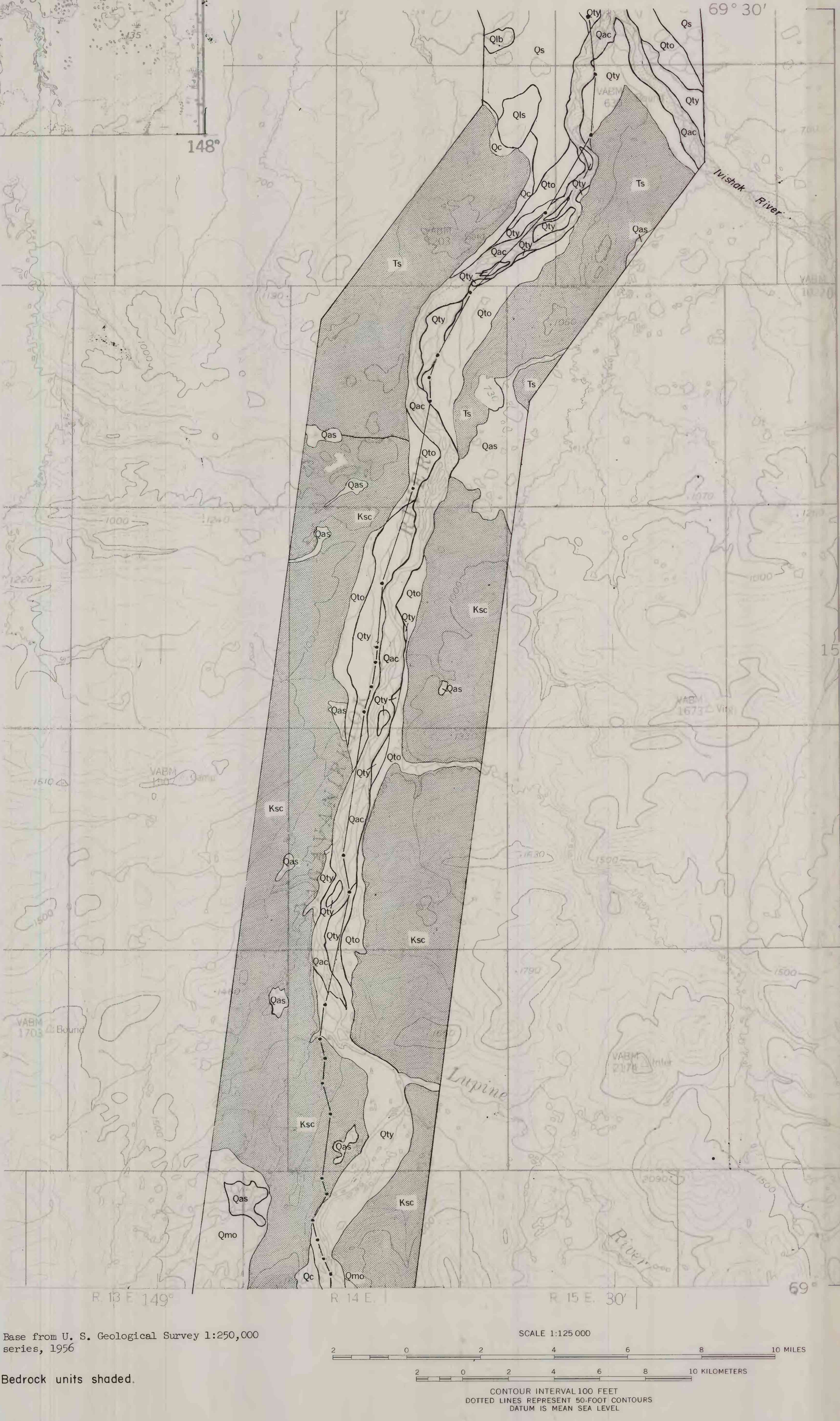
Pingos (ice-cored hillocks)

Pipeline route (Approximately located; based on information available prior to March 1971)

PRINCIPAL SOURCES OF INFORMATION

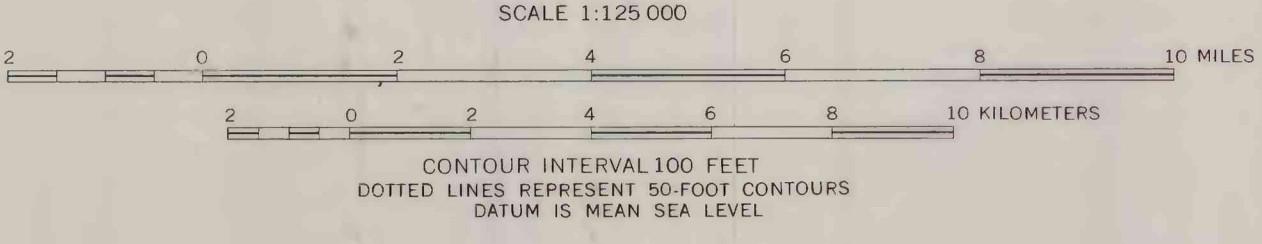
Ferrians, O. J., Jr., 1970, Unpublished field compilations; Latham, E. H., 1965, U.S. Geol. Survey open-file report; Betterman, R. L., 1953, U.S. Geol. Survey Circ. 289; Keller, A. S., Morris, R. H., and Betterman, R. L., 1961, U.S. Geol. Survey Prof. Paper 303-D.

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.



PRELIMINARY ENGINEERING GEOLOGIC MAPS OF THE PROPOSED TRANS-ALASKA PIPELINE ROUTE, BEECHHEY POINT AND SAGAVANIRK TOK QUADRANGLES

Compiled by Oscar J. Ferrians, Jr. 1971

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey standards and nomenclature.