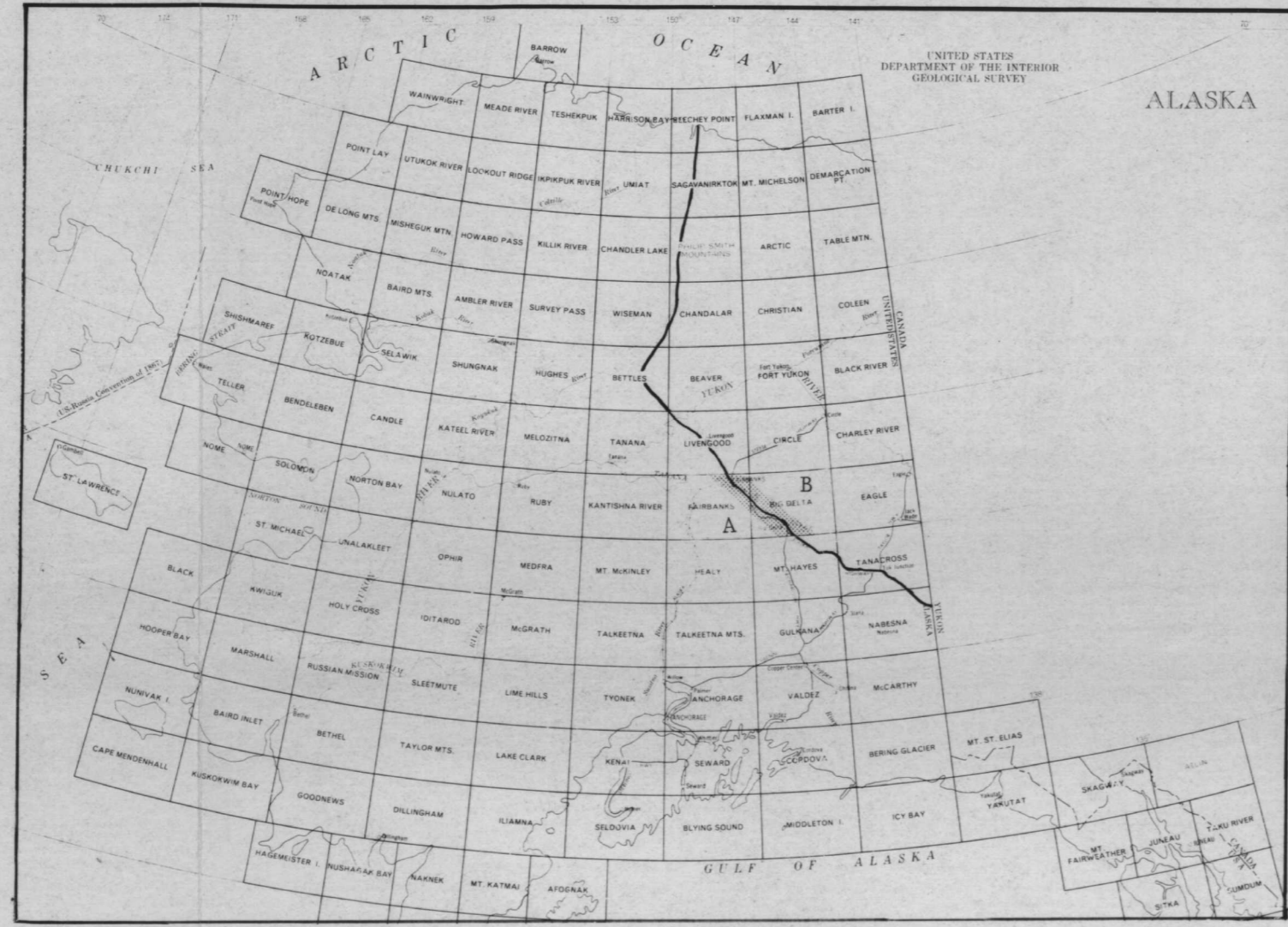


LOCATION



EXPLANATION

UNCONSOLIDATED DEPOSITS

- Qa** Silty and sandy alluvium of minor streams
- Qas** Sandy alluvium
- Qag** Gravelly alluvium
- Qfl** Fluvial and lacustrine silt, sand and clay
- Qls** Landslide deposits
- Qsp** Silt and peat
- Qer** Mine tailings
- Qe** Eolian sand
- Ql** Eolian silt
- Qau** Silt, undifferentiated
- Qts** Terrace gravel and silt
- Qaf** Alluvial fan gravel and rubble
- Qm/Qma** Younger till
- Qo** Glaciofluvial gravel (outwash)
- Qg** Glacial and non-glacial gravel, undifferentiated
- Qmo** Older till

METAMORPHIC ROCKS

- gs** Greenstone
- sq** Schist and quartzite
- gn** Gneiss and Schist

PRECAMBRIAN and/or PALAEZOIC

IGNEOUS ROCKS

- ba** Basalt
- mi** Mafic intrusive
- fe** Felsic extrusive
- fi** Felsic intrusive
- gr** Granitic and intermediate intrusives

CENOZOIC

MESOZOIC

Contact; locally gradational and approximately located

Linear feature visible on aerial photographs; origin uncertain

Fault; dashed where approximately located, queried where doubtful, dotted where concealed

Pingo

Proposed natural gas pipeline route approximately located. Data supplied by Alcan Pipeline Company June, 1976



Base from U.S. Geological Survey 1:250,000 Series, 1958

Base from U.S. Geological Survey 1:250,000 Series, 1952

Geologic Maps used in this Compilation

- Fairbanks**
- Pewé, T. L., 1958, Geology of the Fairbanks (D-2) quadrangle: U.S. Geological Survey Quadrangle Map GQ-110, scale 1:63,360.
 - Weber, F. R., 1971, Preliminary engineering geologic maps of the proposed Trans-Alaska Pipeline route, Fairbanks and Big Delta quadrangles: U.S. Geological Survey Open-File Report 488.
 - Williams, J. B., Pewé, T. L., and Page, R. A., 1959, Geology of the Fairbanks (D-1) quadrangle: U.S. Geological Survey Quadrangle Map GQ-124, scale 1:63,360.
- Big Delta**
- Weber, F. R., 1971, Preliminary engineering geologic maps of the proposed Trans-Alaska Pipeline route, Fairbanks and Big Delta quadrangles: U.S. Geological Survey Open-File Report 488.