DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN FILE MAP

VALDEZ

SHEET 1 OF 2
495

EXPLANATION

UNCONSOLIDATED DEPOSITS

	Qac Active flood plain	Qca Colluvium, alpine type	Qcr Colluvium, river bluff type	Qsw Swamp deposits	Qaf Alluvial fans
HOLOCENE	Qrg Rock glaciers	Qas Fine-grained alluvium	Qt Alluvial terraces	Qmu Unmodified moraine	Qls Landslide
PLEISTOCENE	Qgn High-level alluvium	Qmy Young moraine	Qlc Ice-contact deposits	Qlc Lacustrine deposits	Qgu Glacial & lacustrine deposits undifferentiated

QUATERNARY

SEDIMENTARY ROCKS

Pzl Paleozoic limestone

METAMORPHIC ROCKS

Kv Valdez group Cretaceous phyllitic graywacke and related rocks

IGNEOUS ROCKS

qm Mesozoic or Tertiary quartz monzonite dikes

gr Mesozoic or Tertiary granitic intrusive rocks

Jv Jurassic volcanic and some sedimentary rocks

SYMBOLS

Structural lineament

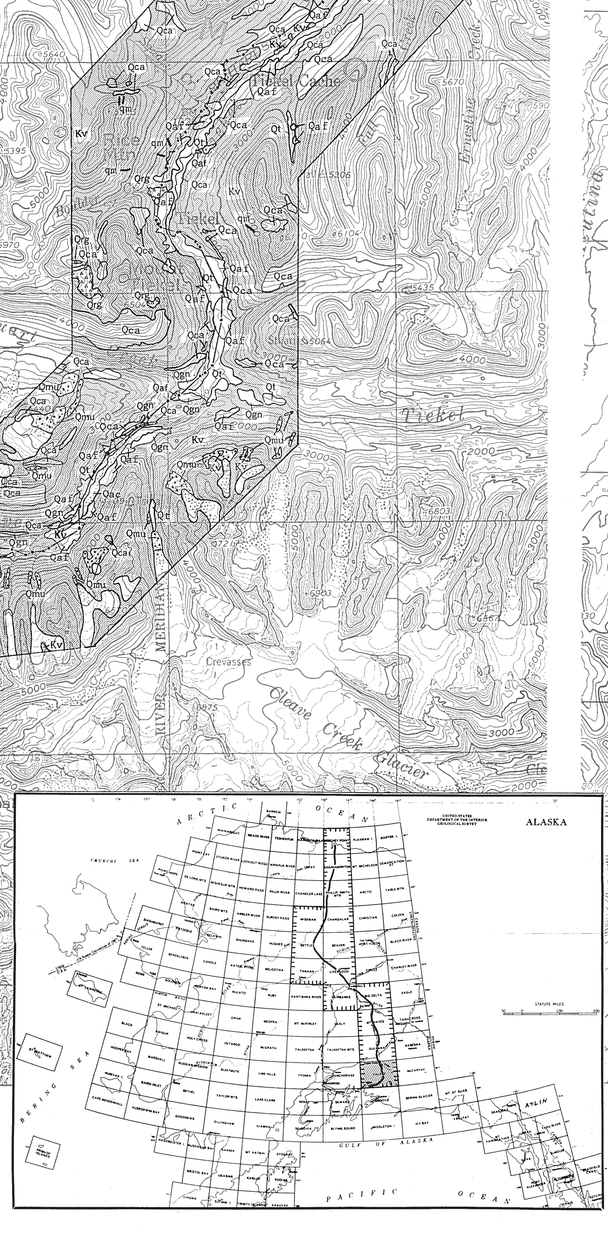
Contact (Locally gradational & approximately located)

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

PRINCIPAL SOURCES OF INFORMATION

Coulter, H. W., and Coulter, E. B., 1961, U.S. Geol. Survey Geol. Quad. Map GQ-142; Coulter, H. W., and Coulter, E. B., 1962, U.S. Geol. Survey Misc. Geol. Inv. Map I-356; Nichols, D. R., and Yehle, L. A., 1969, U.S. Geol. Survey Misc. Geol. Inv. Map I-394; Ferrians, O. J., Jr., 1970, Unpublished field compilations.

Note: Glaciers and lakes can be distinguished from geologic units by the absence of geologic symbols.



Base from U. S. Geology Survey 1:250,000 series, 1960

SCALE 1:125 000

2 0 2 4 6 8 10 MILES

2 0 2 4 6 8 10 KILOMETERS

CONTOUR INTERVAL 200 FEET
DATUM IS MEAN SEA LEVEL

Bedrock units shaded.

PRELIMINARY ENGINEERING GEOLOGIC MAPS OF THE PROPOSED TRANS-ALASKA PIPELINE ROUTE, VALDEZ QUADRANGLE

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.