

147°00'

R.1 W. LIVENGOOD 69 MI. (2) R.1 E. 30'



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



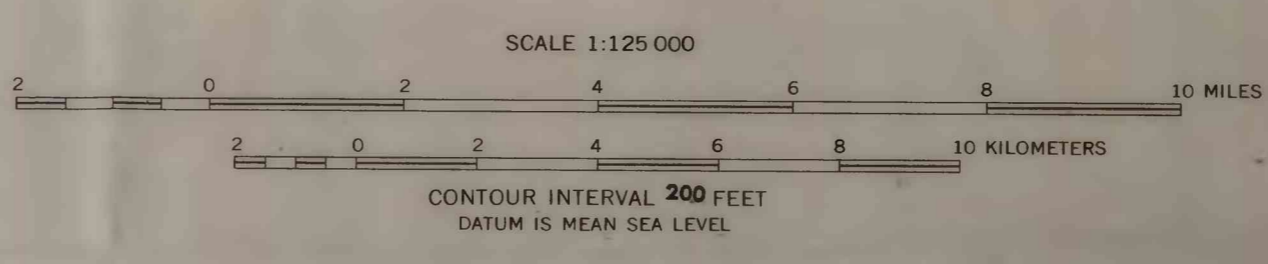
EXPLANATION

UNCONSOLIDATED DEPOSITS	METAMORPHIC ROCKS	IGNEOUS ROCKS
<p>Qco Colluvium</p> <p>Qg Sorted creek gravels</p> <p>Qa Dune sand</p> <p>Qca Fine alluvium</p> <p>Qca Coarse alluvium and peat bogs</p> <p>Qab Old floodplain alluvium</p> <p>Qc Terraces</p> <p>Qsu Perennially frozen silt, undifferentiated</p> <p>Ql Loess</p> <p>Qo Glaciofluvial deposits (outwash)</p> <p>Qgn Glacial and non glacial stream deposits</p> <p>Qgo Older glacial moraine</p>	<p>Qs Greenschist facies</p> <p>Qep Greenschist-epidote-amphibolite facies</p> <p>Qm Mylonitic rocks</p> <p>Qaf Amphibolite facies rocks</p> <p>Qc Crystalline rocks</p>	<p>Qm Mafic and intermediate intrusive</p> <p>Qm Mafic and intermediate extrusive</p>
<p>Quaternary: Locally gradational and approximately located</p> <p>Possible fairly recent fault scarp</p> <p>Proposed trans-Alaskan Pipeline Route approximately located. Data supplied by Alyeska Pipeline Service Company March 1971, or earlier.</p>		

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

Geology by F. R. Weber, 1964 to 1970, and T. L. Péwé, 1958 to 1966.

Bedrock units shaded.



PRELIMINARY ENGINEERING GEOLOGIC MAPS OF THE PROPOSED TRANS-ALASKA PIPELINE ROUTE, FAIRBANKS AND BIG DELTA QUADRANGLES

Compiled by Florence R. Weber 1971

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