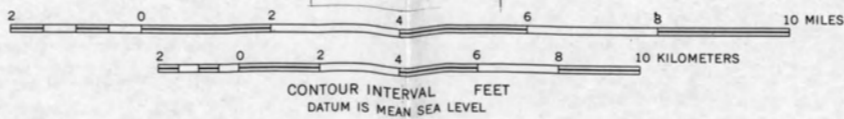


LEGEND

- Mineral deposit, placer
- ▲ Mineral deposit, lode
- ▨ Coal deposit
- ▩ Oil lease
- Gas show
- ✕ Gravel pit
- △ Other
- ③ Identification in quadrangle

UNCONSOLIDATED DEPOSITS		SEDIMENTARY ROCKS		IGNEOUS ROCKS	
Qca, Alluvium Qfp, Floodplain deposits	Qcu, Colluvium	Qsu, Silt, undifferentiated	Qst, Silt terrace	Qgl, High level gravels	Qla, Landslides
Qsa, Sandstone	Qsl, Shale and limestone	Qch, Chert and shale	Qun, UNCONFORMITY	Qm, Mafic and ultramafic rocks	Qpl, Plutonics
Qsh, Shale, graywacke, conglomerate	Qgr, Grit, quartzite, shale and argillite	Qgs, Greenschist	Quc, UNCONFORMITY	Qm, Mafic and ultramafic rocks	Qpl, Plutonics
Qsc, Graywacke, shale and conglomerate	Qtr, Thrust Fault	Qps, Proposed trans-Alaskan pipeline route	Quc, UNCONFORMITY	Qm, Mafic and ultramafic rocks	Qpl, Plutonics
Qsl, Lower Devonian DISCONFORMITY(?)	Qtr, Thrust Fault	Qps, Proposed trans-Alaskan pipeline route	Quc, UNCONFORMITY	Qm, Mafic and ultramafic rocks	Qpl, Plutonics

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



Geology by Reuben Kachadorian, 1969,
Reuben Kachadorian and H. J. Moore II, 1970.
Bedrock geology by R. M. Chapman, F. R. Weber,
and W. E. Yeend, 1970.

Bedrock units shaded.

FIGURE 5. - Preliminary engineering geologic maps of the proposed Trans-Alaska Pipeline route, Tanana and Livengood Quadrangles.