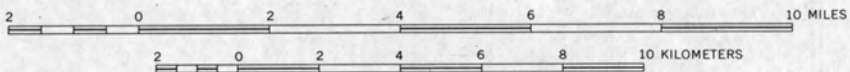


Geology by Reuben Kachadorian, 1969, Reuben Kachadorian and W. E. Yeend, 1970. Bedrock geology from W. P. Brosgé and H. N. Reiser, 1960 Progress Map of the Geology of the Wiseman Quadrangle, Alaska. U. S. Geological Survey Open-File Report.

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

Bedrock units shaded.



CONTOUR INTERVAL, FEET
DATUM IS MEAN SEA LEVEL

EXPLANATION

UNCONSOLIDATED DEPOSITS				SEDIMENTARY AND METAMORPHIC ROCKS		
Qco	Qal	Qta	Qm	Qls	Qss	Qsv
Colluvium	Alluvial	Talus	Modern alluvium	Qls, Land slides	Qss, Soil slides	Qsv, Swamp deposits
				Qoa	Qoa	
				Older alluvium		
				Qg		
				Terrace gravels		
				Qh		
				High level gravels		
				Qtl		
				Hill deposits		
				Qm		
				Kame terrace gravels		
				Kettle moraine complex		
				M		
				Mafic igneous rocks		

SEDIMENTARY ROCKS			METAMORPHIC ROCKS	
Ds	Slate, phyllite, and siltstone		Dg	Greenstone
Dst	Siliceous siltstone		Dqs	Quartz - mica schist
Dsp	Chloritic slate and phyllite		Dpy	Phyllite

LOCAL UNCONFORMITY			UNCONFORMITY	
Ug	Siltstone and grit		Fu	Thrust fault
Uc	Limestone and siltstone		Fd	Dashed where approximately located; queried where doubtful; dotted where concealed.
Ul	Shale		Fu	Dashed where approximately located; queried where doubtful; dotted where concealed.
Uk	Limestone			Arrows indicate downslope movement

UNCONFORMITY		CONTACT	
Ug	Shale	C	Locally gradational and approximately located
Uc	Limestone and siltstone	M	Moraine
Ul	Shale		
Uk	Limestone		

UNCONFORMITY		CONTACT	
Ug	Siltstone and grit		
Uc	Limestone and siltstone		
Ul	Shale		
Uk	Limestone		

UNCONFORMITY		CONTACT	
Ug	Siltstone and grit		
Uc	Limestone and siltstone		
Ul	Shale		
Uk	Limestone		

UNCONFORMITY		CONTACT	
Ug	Siltstone and grit		
Uc	Limestone and siltstone		
Ul	Shale		
Uk	Limestone		

UNCONFORMITY		CONTACT	
Ug	Siltstone and grit		
Uc	Limestone and siltstone		
Ul	Shale		
Uk	Limestone		

UNCONFORMITY		CONTACT	
Ug	Siltstone and grit		
Uc	Limestone and siltstone		
Ul	Shale		
Uk	Limestone		

UNCONFORMITY		CONTACT	
Ug	Siltstone and grit		
Uc	Limestone and siltstone		
Ul	Shale		
Uk	Limestone		

Geology by Reuben Kachadorian, 1969, Reuben Kachadorian and W. E. Yeend, 1970. Bedrock geology from W. P. Brosgé and H. N. Reiser, 1964 Geologic Map and Section of the Chandalar Quadrangle Alaska. U. S. Geological Survey Map I-575

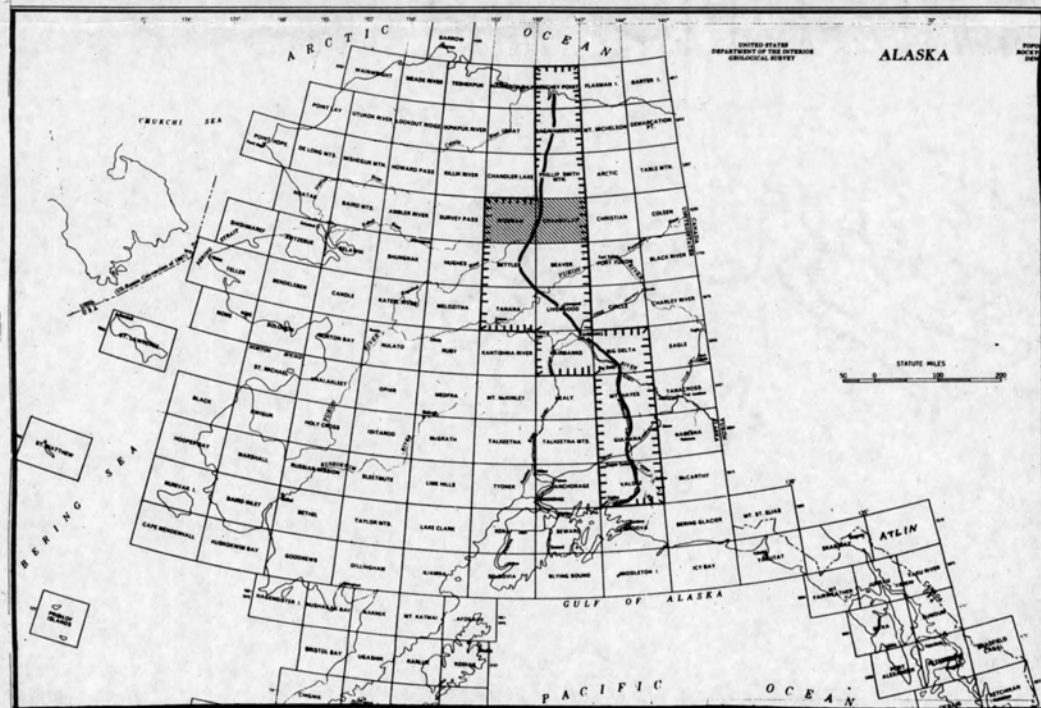


FIGURE 3. - Preliminary engineering geologic maps of the proposed Trans-Alaska Pipeline route, Wiseman and Chandalar Quadrangles.