(Latitude for 1957 66°32'24.9")

ARCTIC CIRCLE

ARCTIC CIRCLE

SELAWIK RIVER

Pan River Flats

Holly Lake

Potzuigi Portage (Kobuk Portage)

Kg1 Purcell Mountain Pluton

Shinilikrok River Volcanic Complex

Kg3 Shiniliaok Creek Pluton

Purcell Mtn

PURCELL MOUNTAINS

Kg2 Pluton

Hawk River

Haslia River

Shinilikrok Creek

Shiniliaok Creek

SECOND JUDICIAL DIVISION

FOURTH JUDICIAL DIVISION

Zane Pass

Zane HILLS

Cone Mtn

Caribou Mtn

Hogatza

Solomunkel Lake

Treat Island

Sixmile Pass

Eleventmile Landing Area

Landing Area

KOYUKUK FLATS

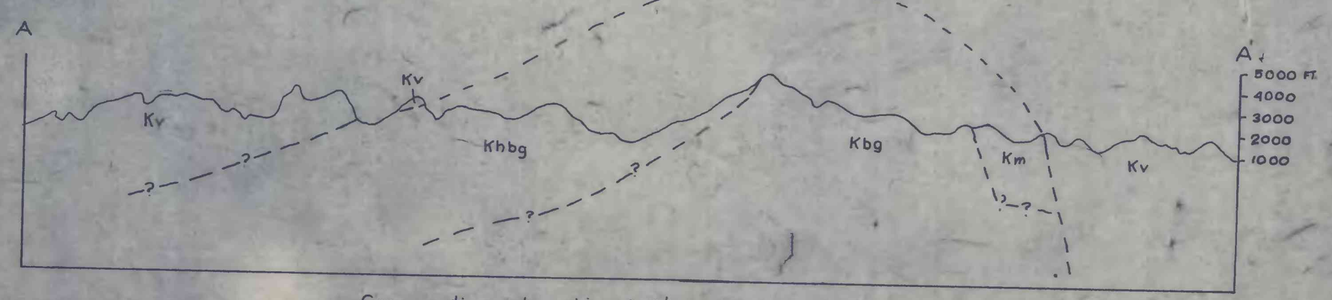
KOYUKUK RIVER

Kv Kdv Kpq Ka Khbg Kbg Km Q

157° 30' 30' 66°

Geology by W.W. Patton, Jr. and T.P. Miller 1963-66 Modified slightly by T.P. Miller, 1967

EXPLANATION



Cross-section along line A-A'

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

0 4 8 MILES

			Q Surficial deposits			QUATERNARY
Upper Cretaceous	Kbg Biotite granodiorite	Khbg Hornblende-biotite granodiorite	Km Monzonite	Kpq Porphyritic quartz monzonite	Ka Alaskite	CRETACEOUS
			Kdv Dacitic volcanic rocks			
Lower Cretaceous			Kg quartz monz.; 2, monzonite; 3, monzonite, syenodiorite			
			Kv Andesitic volcanic rocks			

Approximate contact

Fault

Thermal spring

PLATE 3. Geologic map of the Zane Hills and Purcell Mountains.