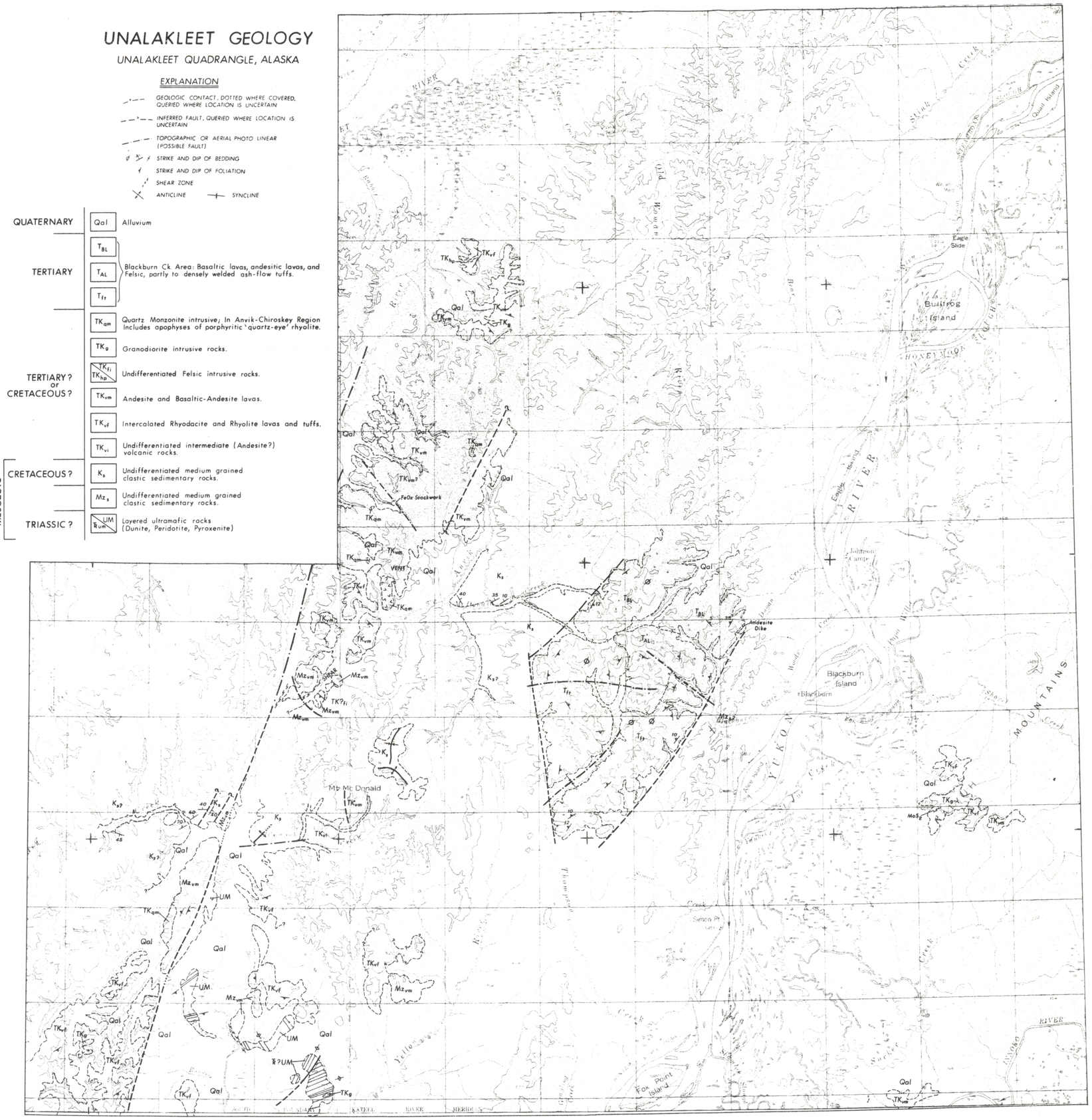
UNALAKLEET GEOLOGY

UNALAKLEET QUADRANGLE, ALASKA

EXPLANATION

- GEOLOGIC CONTACT, DOTTED WHERE COVERED, QUERIED WHERE LOCATION IS UNCERTAIN
- INFERRED FAULT, QUERIED WHERE LOCATION IS UNCERTAIN
- TOPOGRAPHIC OR AERIAL PHOTO LINEAR (POSSIBLE FAULT)
- STRIKE AND DIP OF BEDDING
- STRIKE AND DIP OF FOLIATION
- SHEAR ZONE
- ANTICLINE
- SYNCLINE

QUATERNARY	Qal	Alluvium
TERTIARY	T_{BL}, T_{AL}, T_{ft}	Blackburn Ck. Area: Basaltic lavas, andesitic lavas, and Felsic, partly to densely welded ash-flow tuffs.
TERTIARY ? or CRETACEOUS ?	TK_{qm}	Quartz Monzonite intrusive; In Anvik-Chiroskey Region Includes apophyses of porphyritic 'quartz-eye' rhyolite.
	TK_g	Granodiorite intrusive rocks.
	TK_{fi} / TK_{hp}	Undifferentiated Felsic intrusive rocks.
	TK_{vm}	Andesite and Basaltic-Andesite lavas.
	TK_{vf}	Intercalated Rhyodacite and Rhyolite lavas and tuffs.
	TK_{vi}	Undifferentiated intermediate (Andesite?) volcanic rocks.
MESOZOIC — CRETACEOUS ?	K_s	Undifferentiated medium grained clastic sedimentary rocks.
	Mz_s	Undifferentiated medium grained clastic sedimentary rocks.
MESOZOIC — TRIASSIC ?	UM / $\bar{R}_{um}$	Layered ultramafic rocks (Dunite, Peridotite, Pyroxenite)



SCALE: 1:250,000

0 5 10 miles

0 5 10 15 kilometers

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ANACONDA Minerals Company
Division of AtlanticRichfieldCompany

To accompany report by D. Obolewicz & T. Barnes, 1981

File No. 498

PLATE 5