

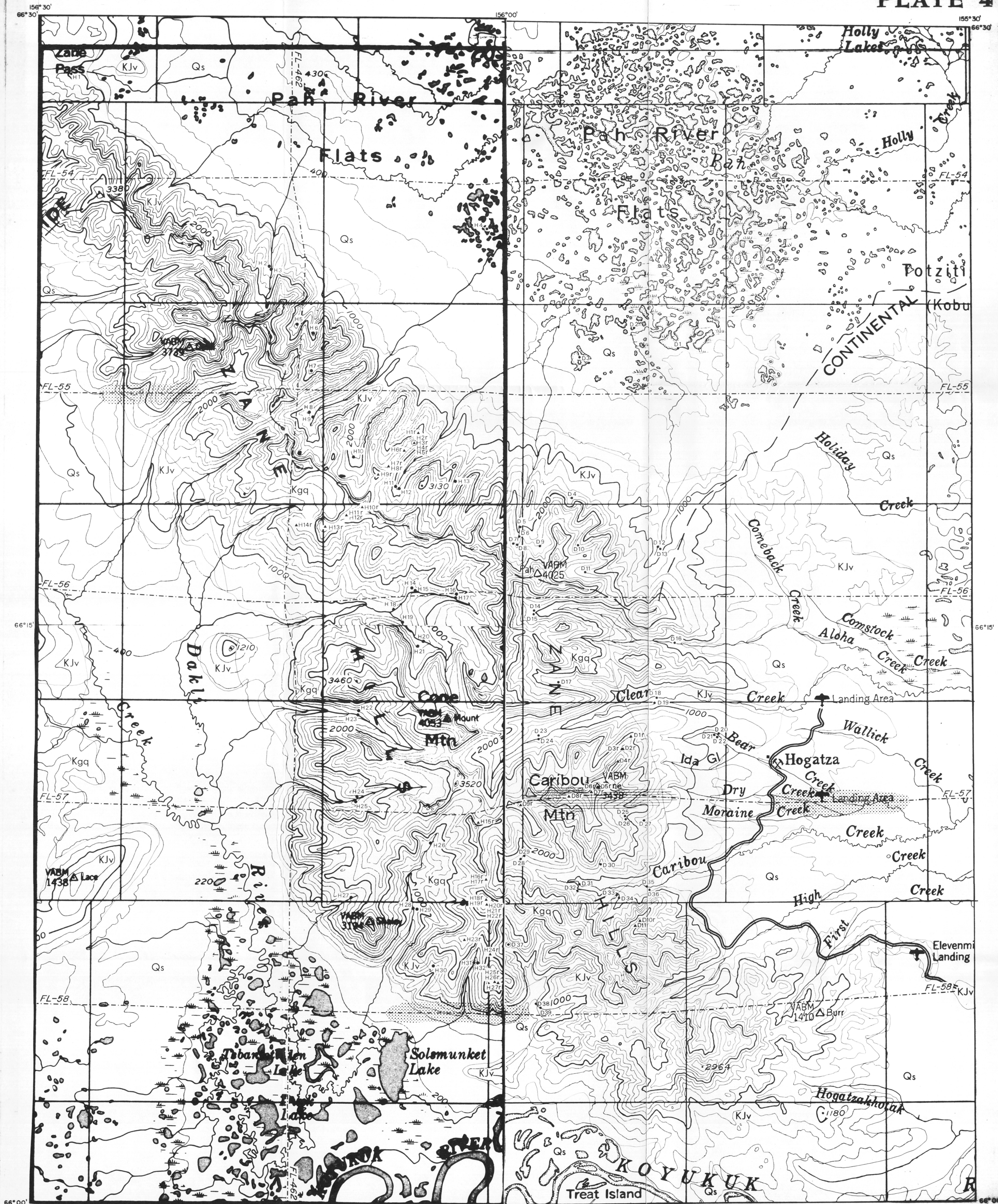
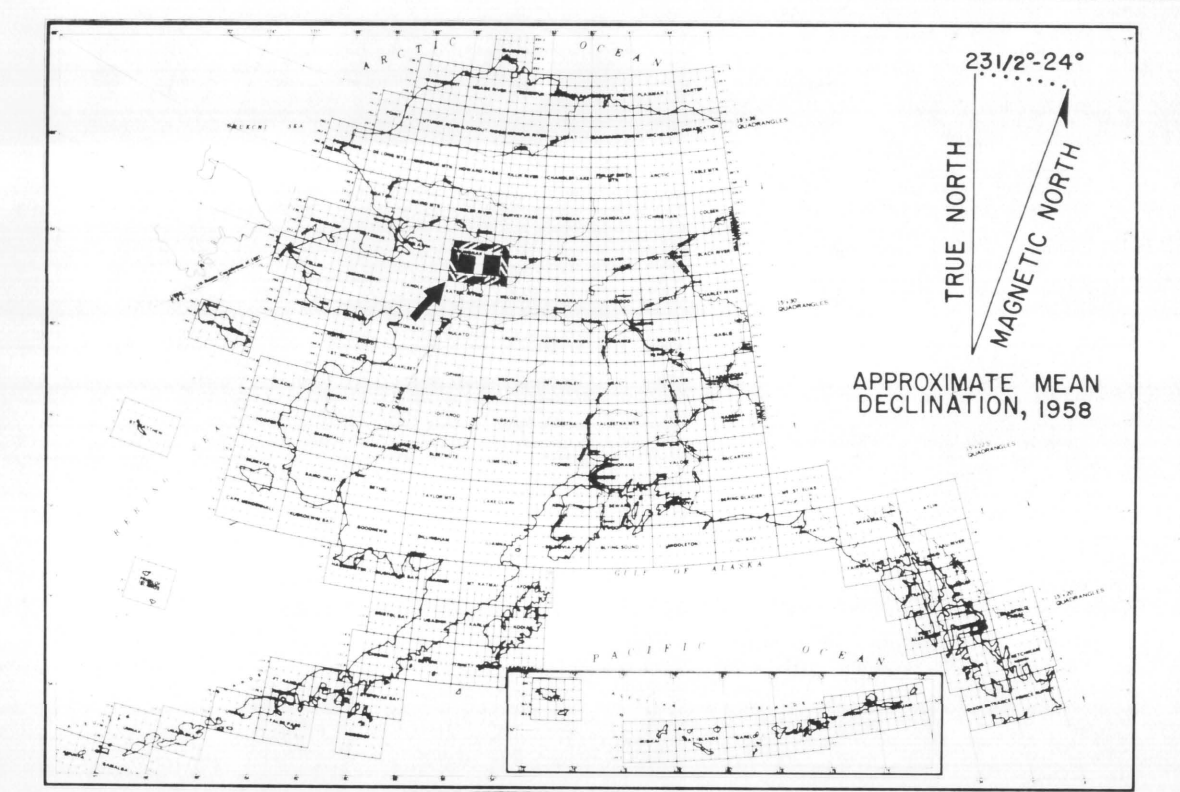
EXPLANATION

<p>Qs Surficial deposits, undiff.</p> <p>Ka₃ Alaskite</p> <p>Kfv Felsic volcanic rocks</p> <p>Kq₂ Quartz monzonite</p> <p>Km₂ Monzonite</p> <p>Kq₃ Granodiorite and quartz monzonite</p> <p>Kbd Spilitic pillow basalt and diabase</p> <p>KJv Andesitic volcanic rocks</p>	<p>QUATERNARY</p> <p>UPPER CRETACEOUS</p> <p>CRETACEOUS</p> <p>LOWER CRETACEOUS</p> <p>UPPER JURASSIC AND LOWER CRETACEOUS</p>	<p>Contact</p> <p>Fault</p> <p>Geology taken from Patton, Miller, and Tailleux, 1968, Regional Geologic Map of the Shungnak and Southern Part of the Ambler River Quadrangles, Alaska; Patton and Miller, 1966, Regional Geologic Map of the Hughes Quadrangle, Alaska</p> <p>Base from USGS Hughes A-6, B-6, and Shungnak A-1, A-3, A-4, B-1, B-3, and B-4 enlarged from 1:250,000 quadrangles, Alaska</p>	<p>FL-57 Flight line of aerial radiometric survey flown in 1975 by Texas Instruments, Inc.</p> <p>"Preferred" aerial radiometric anomaly, as determined by Texas Instruments, Inc.</p> <p>"Suspect" aerial radiometric anomaly, as determined by Texas Instruments, Inc.</p> <p>Stream-sediment & water sample location and number (see Appendix A)</p> <p>Anomalous stream-sediment sample (see Appendix A)</p> <p>Rock sample location and number (see Appendix A)</p> <p>Anomalous rock sample (see Appendix A)</p>
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SCALE IN MILES

SCALE IN KILOMETERS

CONTOUR INTERVAL 50 FEET



ZANE HILLS AND PURCELL MOUNTAINS AREA
SAMPLE LOCATIONS, GENERALIZED GEOLOGY, AND AERIAL RADIOMETRIC SURVEY DATA

Sampling and compilation by G.R.Eakins, C.L.Carver, R.B.Forbes, and B.K.Jones conducted under ERDA Contract AT(O5-I)-I639

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