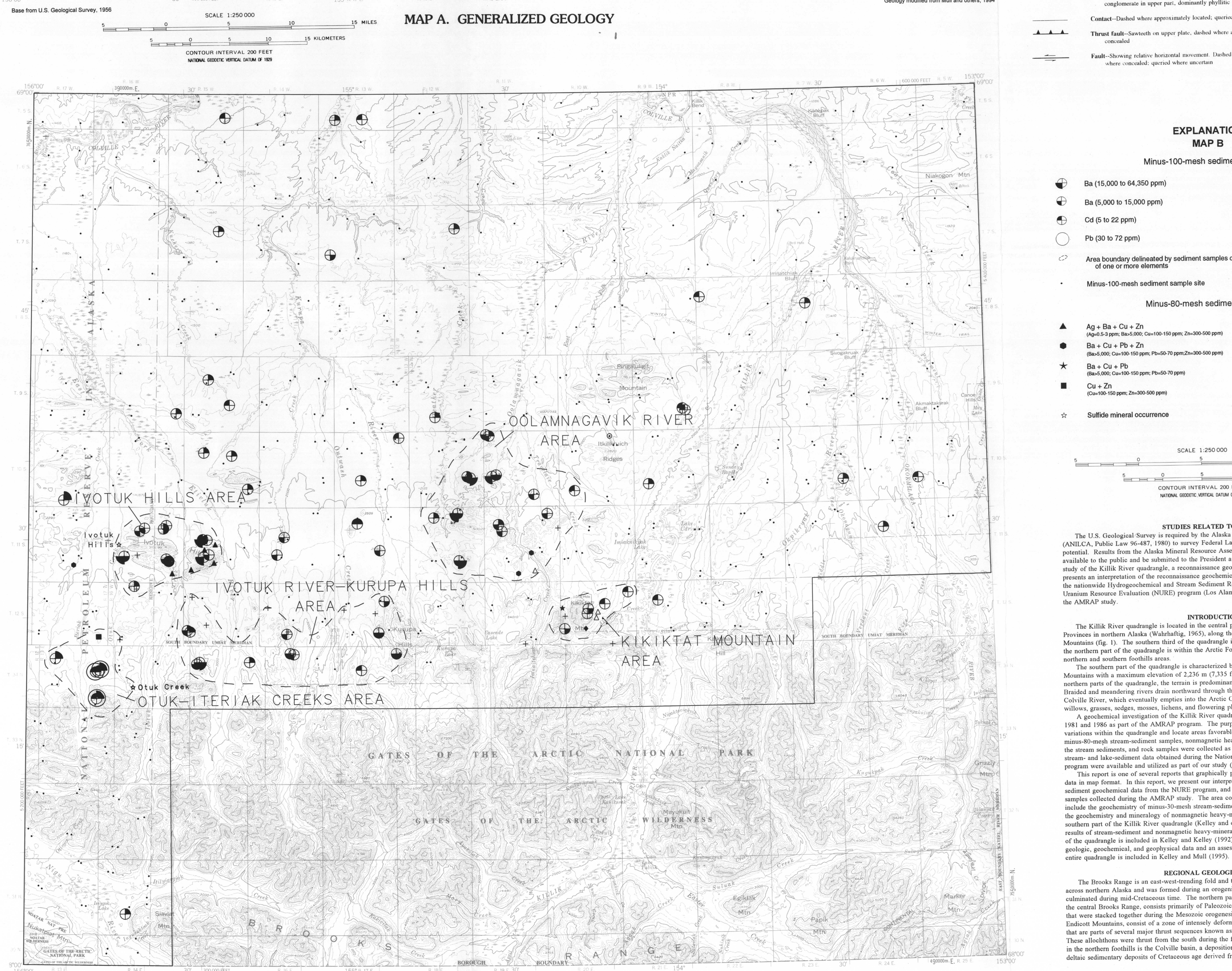


QUATERNARY
Cretaceous
CRETACEOUS
Cretaceous
Cretaceous
JURASSIC TRIASSIC PERMIAN PENNSYLVANIAN
MISSISSIPPIAN
MISSISSIPPIAN
UPPER DEVONIAN
DEVONIAN



AG (150 to 64,300 ppm)
Ba (6,000 to 15,000 ppm)
Cd (6 to 22 ppm)
Co (30 to 70 ppm)
Cu (100 to 114 ppm)
Cu (75 to 100 ppm)
Zn (350 to 624 ppm)
Zn (250 to 950 ppm)
Pb (30 to 70 ppm)
Au boundary delineated by sediment samples containing anomalous concentrations of one or more elements
Minus-100-mesh sediment samples
Minus-80-mesh sediment samples
Sulfide mineral occurrence

MAP B. DISTRIBUTION OF SEDIMENT SAMPLES CONTAINING ANOMALOUS CONCENTRATIONS OF Ag, Ba, Cd, Cu, Pb, AND Zn

GEOCHEMISTRY OF MINUS-100-MESH AND MINUS-80-MESH SEDIMENT SAMPLES FROM THE KILLIK RIVER 1° x 3° QUADRANGLE, ALASKA

By
Karen D. Kelley and Charles G. Mull