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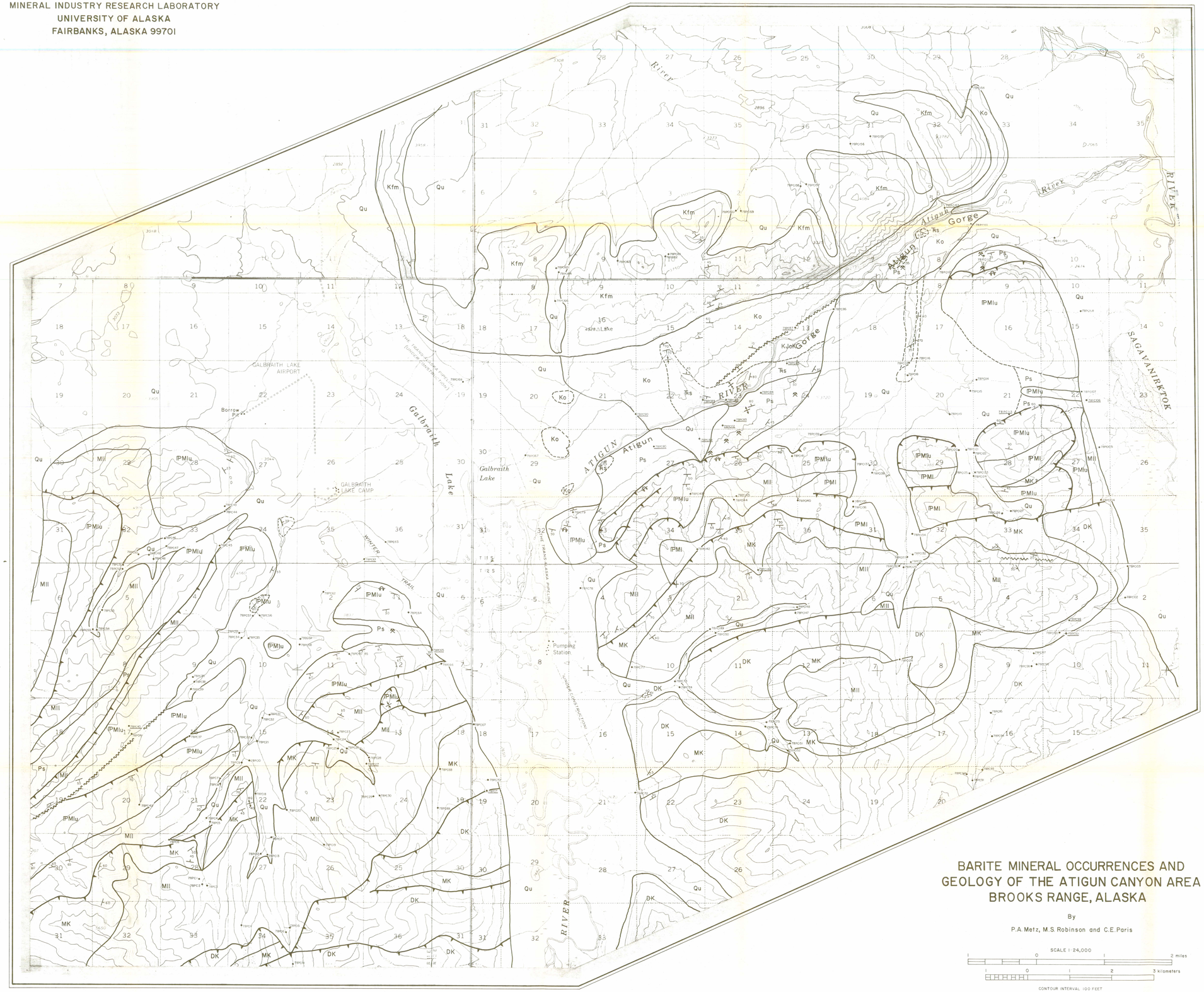


BARITE MINERAL OCCURRENCES AND GEOLOGY OF THE ATIGUN CANYON AREA BROOKS RANGE, ALASKA

By

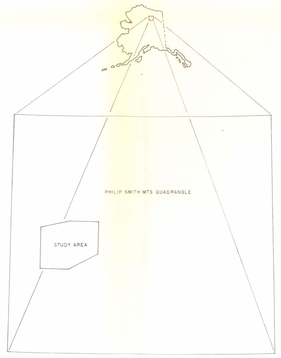
P.A. Metz, M.S. Robinson and C.E. Paris

SCALE 1:24,000

1 0 1 2 miles

1 0 1 2 3 kilometers

CONTOUR INTERVAL 100 FEET



LOCATION OF THE STUDY AREA

EXPLANATION

Correlation of Map Units

Qu	Quaternary
Kfm, Ko	Cretaceous
KJoK	Cretaceous and Jurassic
Rs	Triassic
Ps	Permian
IPMIu, IPMI, MII	Pennsylvanian and Mississippian
MK	Mississippian
DK	Devonian

Geologic Symbols

Contact – Dashed where approximately located. Includes some faults.

Fault – Relative movement unascertained; coded and dashed where inferred from aerial photographs.

Thrust fault – Sawteeth on upper plate. Dashed where approximately located.

Anticline – Approximately located. Showing strike and direction of plunge.

Overturned anticline – Approximately located. Showing direction of dip of limbs and plunge.

Syncline – Approximately located. Showing trace and direction of plunge.

Overturned syncline – Approximately located. Showing direction of dip of limbs.

Strike and dip of beds

Inclined

Horizontal

Barite mineral occurrence

78-POTSO-SR-PO20 Stream sediment sample location. Underlined where anomalous