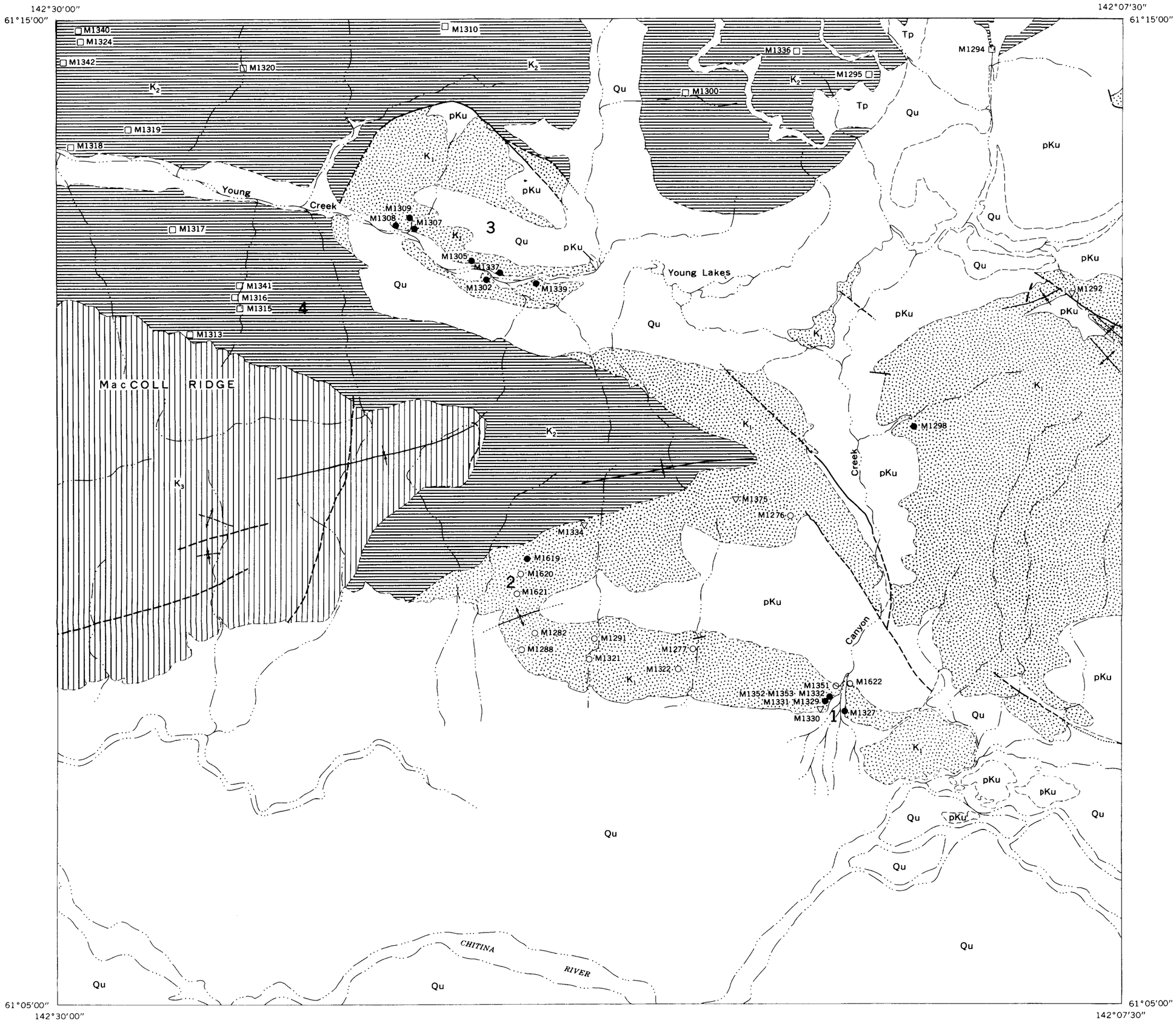


Base from U.S. Geological Survey Topographic quadrangle; McCarthy A-4

SCALE 1:63 360

1 ½ 0 1 2 3 4 5 MILES

1 .5 0 1 2 3 4 5 KILOMETERS

Geology by D. J. Miller and R. D. MacColl, 1961, and by E. M. MacKevett, D.L. Jones, and H. C. Berg, 1962

EXPLANATION

QUATERNARY

Qu — Undivided unconsolidated deposits
Includes alluvium, talus and landslide deposits, glacial deposits, and rock glaciers

TERTIARY

Tp — Porphyry

CRETACEOUS

Upper Cretaceous

K_3 — Unit K_3
Conglomerate and sandstone

K_2 — Unit K_2
Black shale and siltstone

Lower Cretaceous

K_1 — Unit K_1
Sandstone and siltstone

PRE-CRETACEOUS

pKu — Undivided rocks
Includes schist, hornfels, marble, greenstone, limestone, shale, and chert

Contact
Dashed where approximately located

Fault
Dashed where approximately located; dotted where concealed

Anticline
Dashed where approximately located; dotted where concealed

Syncline
Dashed where approximately located; dotted where concealed

U.S.G.S. Mesozoic fossil localities

□ M1340
Coniacian to Campanian

▽ M1330
Uppermost Albian and Cenomanian

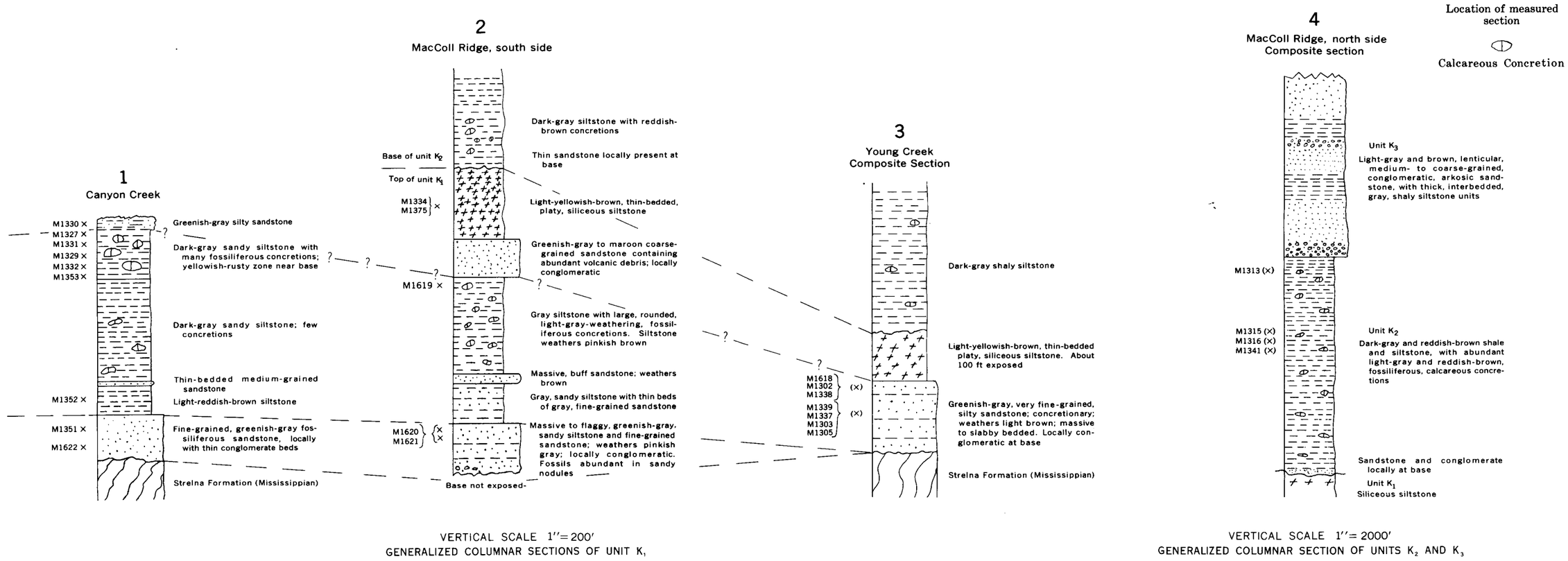
● M1329
Upper lower Albian (*Brewericeras* fauna)

○ M1622
Lower Albian (*Moffitites* fauna)

× M1330
Locality shown in columnar section; those in parenthesis are projected into section

1
Location of measured section

Calcareous Concretion



VERTICAL SCALE 1″=200′
GENERALIZED COLUMNAR SECTIONS OF UNIT K_1

VERTICAL SCALE 1″=2000′
GENERALIZED COLUMNAR SECTION OF UNITS K_2 AND K_3

GENERALIZED GEOLOGIC MAP AND COLUMNAR SECTIONS, NORTHERN PART OF THE MC CARTHY A-4 QUADRANGLE ALASKA

724-343 O - 64 (In pocket)