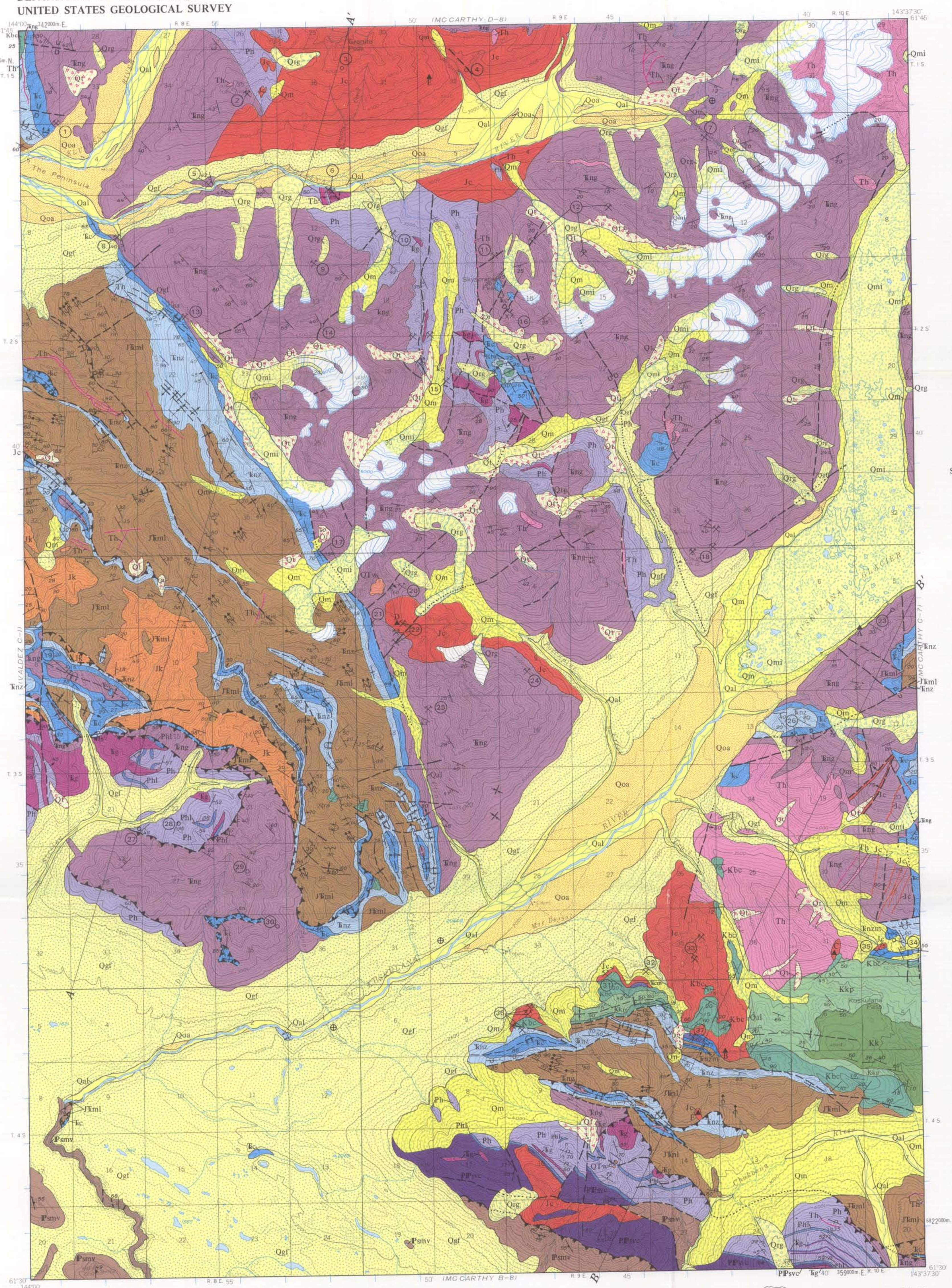
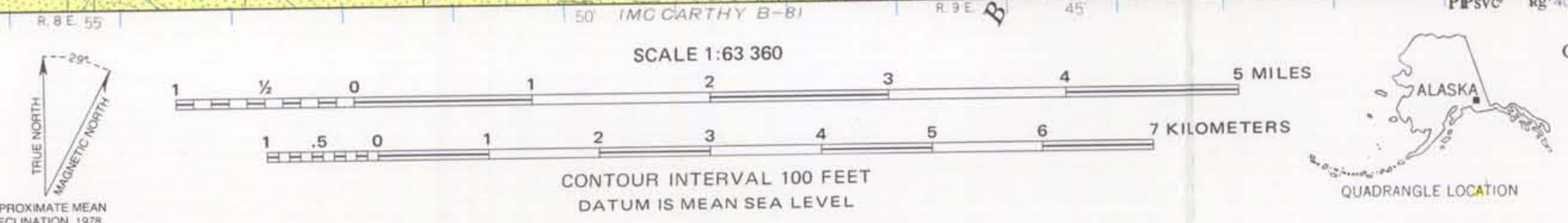
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

GEOLOGIC QUADRANGLE MAP
McCARTHY C-8 QUADRANGLE, ALASKA
GQ-1418



Base from U.S. Geological Survey, 1951
1000-meter Universal Transverse Mercator grid ticks, zone 7, shown in blue

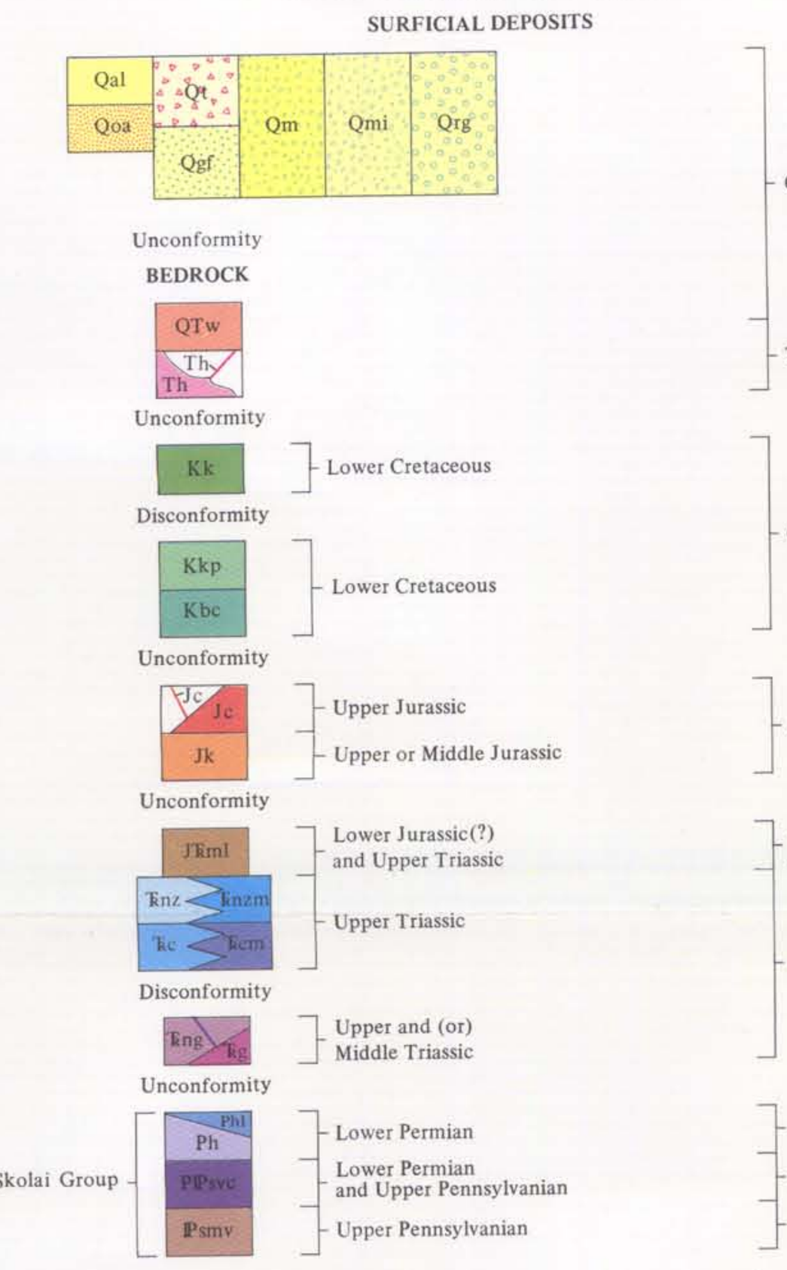


SCALE 1:63 360

CONTOUR INTERVAL 100 FEET
DATUM IS MEAN SEA LEVEL

Geology mapped in 1969–71

CORRELATION OF MAP UNITS



Mines, prospects, and main mineral occurrences[1]

Map number	Category[2]	Name (if known) and location	Ore metals[3]	Type[4]
[illegible]				

DESCRIPTION OF MAP UNITS

SURFICIAL DEPOSITS

Diverse unconsolidated or poorly consolidated surficial deposits are widely exposed and well developed in the quadrangle. [illegible]

Qal ALLUVIUM — Alluvium is best developed and widely distributed along bars, beds, and modern flood plains of the rivers [illegible]

Qta TALUS — [illegible]

Qoa OLDER ALLUVIUM — [illegible]

Qm MORAINES — [illegible]

Qmi MORAINES ON ICE — [illegible]

Qrg ROCK GLACIERS — [illegible]

Qgf GLACIOFLUVIAL DEPOSITS — [illegible]

BEDROCK

QTw WRANGELL LAVA — [illegible]

Th HYPABYSSAL ROCKS — [illegible]

Kk KENNICOTT FORMATION — [illegible]

Kkp KUSKULANA PASS FORMATION — [illegible]

Kbc BERG CREEK FORMATION — [illegible]

Jcv CHITINA VALLEY BATHOLITH — [illegible]

Jk KOTSINA CONGLOMERATE — [illegible]

JTRml McCARTHY FORMATION — [illegible]

TRn NIZINA LIMESTONE — [illegible]

TRc CHITISTONE LIMESTONE — [illegible]

TRg GABBRO — [illegible]

TRn NIKOLAI GREENSTONE — [illegible]

SKOLAI GROUP — [illegible]

Ph HASEN CREEK FORMATION — [illegible]

STATION CREEK FORMATION — [illegible]

Contact — Showing dip; dotted where concealed

Overturned contact — Showing dip; dotted where concealed

High-angle fault — Showing dip; dashed where approximate; dotted where concealed; U, upthrown side; D, downthrown side

Thrust fault — Dashed where approximate; dotted where concealed; sawteeth on upper plate

Fault — intruded by dike, showing dip

Anticline — Approximately located, showing trace of axial surface

Overturned anticline

Syncline — Approximately located, showing trace of axial surface

Overturned syncline

Minor folds — Showing direction of plunge

Strike and dip of beds

Strike and dip of overturned beds

Vertical beds

Horizontal beds

Strike and dip of lava flows

Strike and dip of foliation

Strike and dip of plicated beds

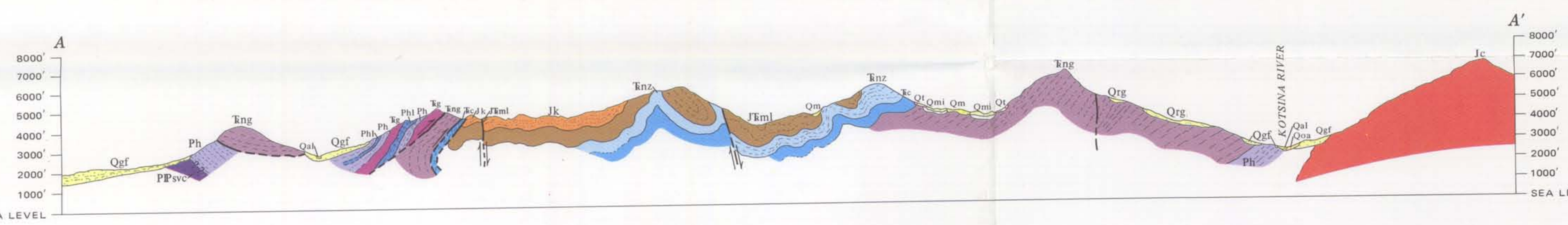
Mine, prospect, or occurrence listed in accompanying table

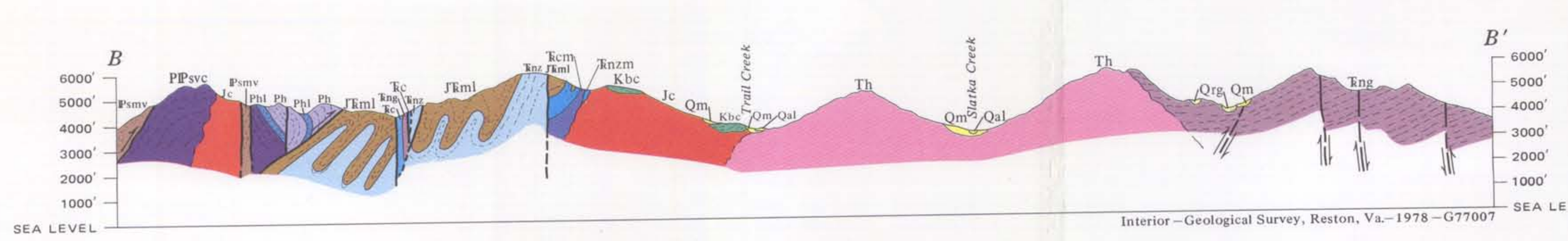
Occurrence

Prospect

Mine

Location of sample dated by K-Ar methods; letter is keyed to the description of map units





Interior—Geological Survey, Reston, Va.—1978—G77007

REFERENCES CITED

Armstrong, A. K., MacKevett, E. M., Jr., and Silberling, N. J., 1969, The Chitistone and Nizina Limestones of part of the southern Wrangell Mountains, Alaska — A preliminary report stressing carbonate petrography and depositional environments [illegible]

Bond, G. C., 1973, A late Paleozoic volcanic arc in the eastern Alaska Range, Alaska: Jour. Geology [illegible]

[illegible]

GEOLOGIC MAP OF THE McCARTHY C-8 QUADRANGLE, ALASKA

By

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1978

[illegible]