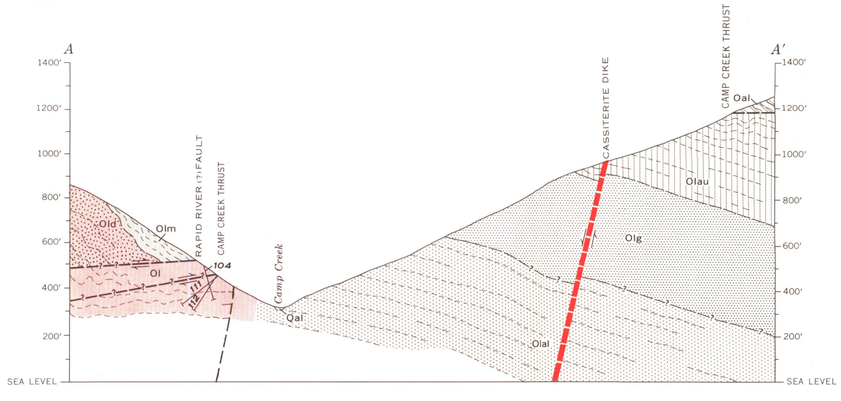
Base from planetable survey by D. W. Peters and J. M. Kelley, 1964

Geology by C. L. Sainsbury, D. W. Peters, and J. M. Kelly, 1964

16°
TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1969

0 400 800 1200 FEET

CONTOUR INTERVAL 50 FEET
DATUM IS APPROXIMATE MEAN SEA LEVEL




## EXPLANATION

**QUATERNARY**

*Recent*

Qal — Alluvium

Qt — Terrace gravel

**CRETACEOUS OR TERTIARY(?)**

*Upper Cretaceous*

TKd — Dike

*Rhyolite porphyry, rhyolite, and altered rhyolite. Dashed where discontinuous or approximately located; dotted where present as float run*

**ORDOVICIAN**

*Lower Ordovician*

Olm / Old — Limestone and dolomitized limestone

Olm, *massive to thick-bedded gray-weathering micritic limestone containing chert nodules locally*
Old, *dolomitized limestone*

Oal — Limestone and argillaceous limestone

*Interbedded medium- to thick-bedded limestone and thin-bedded argillaceous limestone*

Olau — Upper argillaceous limestone

*Thin-bedded; weathers yellow to yellowish orange*

Olg — Limestone

*Medium- to thick-bedded; gray; weathers light gray with minute white clots*

Olal — Lower argillaceous limestone

*Predominantly thin-bedded; a few interbeds of thick-bedded limestone*

Ol — Limestone, undifferentiated

*Older than unit* Olm; *may be as old as unit* Olal

Float of fluorite-beryllium ore

*Cross hatch, very heavy float runs; single line, moderately heavy float runs; dotted, sparse to moderate float not in distinct runs (spacing denotes degree)*

Contact

*Dashed where gradational or approximately located; dotted where concealed; queried where probable*

Fault, showing dip

*Dashed where approximately located; dotted where concealed; queried where probable.* U, *upthrown side;* D, *downthrown side*

Thrust fault, showing dip

*Dashed where approximately located; dotted where concealed; queried where probable Sawteeth on upper plate*

Anticline

*Showing crestline and direction of plunge. Dashed where approximately located*

Syncline

*Showing troughline and direction of plunge. Dashed where approximately located*

Strike and dip of beds

Strike of crenulated beds

Prospect pit

Prospect trench

Adit

Caved A-1-E stope of the Lost River tin mine

105 — Diamond-drill hole

*Showing location of collar and U.S. Bureau of Mines number*

Z800E-0 — Stake

*Showing location and number assigned by United States Steel Corp.*

U.S. mineral monument

Triangulation station

*Flag placed by U.S. Geological Survey in 1964*

500 — Topographic contours

*Dashed where approximate; queried where there is no planetable control*

Stream bed

Road

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1969—G68220

# GEOLOGIC MAP OF THE BERYLLIUM DEPOSITS ON CAMP CREEK, LOST RIVER AREA, WESTERN SEWARD PENINSULA, ALASKA