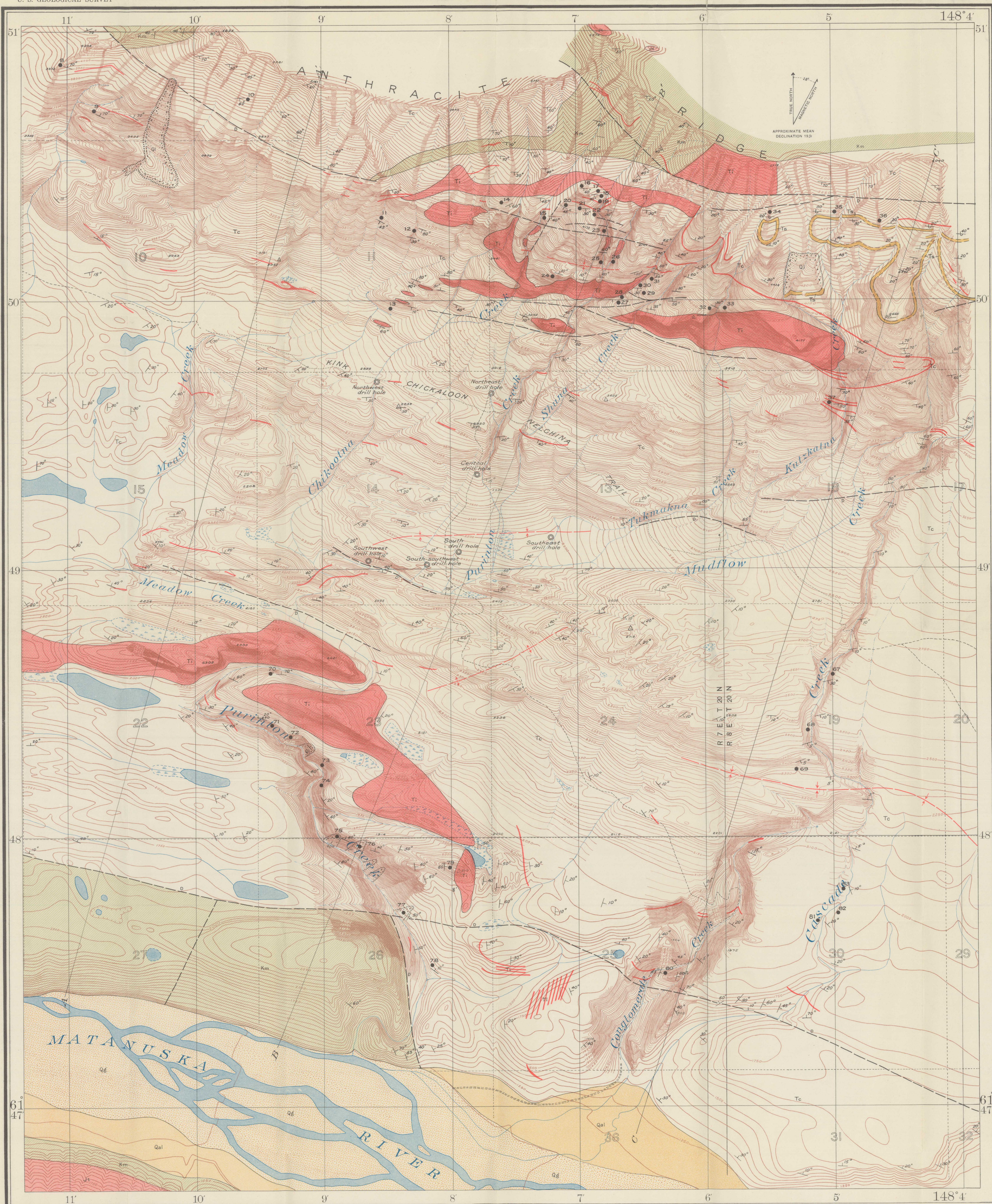




EXPLANATION

SEDIMENTARY ROCKS

Qg
Gravel bars of Matanuska River

Qal
Alluvium

Tc
Chickaloon formation

(Fresh-water sediments with coal beds, and in the northern part of area a bed of white sandstone and shale (Tt))

Km
Matanuska formation

(Marine sediments)

Tt
Taliketna formation

(Volcanic breccia, agglomerate, and tuff)

IGNEOUS ROCKS

Tt
Intrusive igneous rocks

D
Normal fault

(D, Downthrown side)

Axis of anticline

Axis of syncline

Strike and dip of beds

Landslide

Outcrop of coal bed

(Numbers are explained in text)

GEOLOGIC MAP OF THE WESTERN PART OF THE ANTHRACITE RIDGE DISTRICT, ALASKA

R. W. Richards and Gerald A. Waring, geologists
Surveyed by Alaskan branch in cooperation with Alaska Railroad

Scale

12,000

1/2

Contour interval 10 feet; datum is mean sea level

1936

Topography by Alaskan branch; L. O. Newsome, topographic engineer.
Geodetic position based upon data by U. S. Coast and Geodetic Survey.
Land lines from data by U. S. General Land Office.
Elevations based upon bench marks established by Alaska Railroad.
Except in northern part, omission of intermediate contours indicates
topography taken from published maps and not surveyed in detail.
Surveyed in 1931.

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