ALASKA RESOURCES LIBRARY
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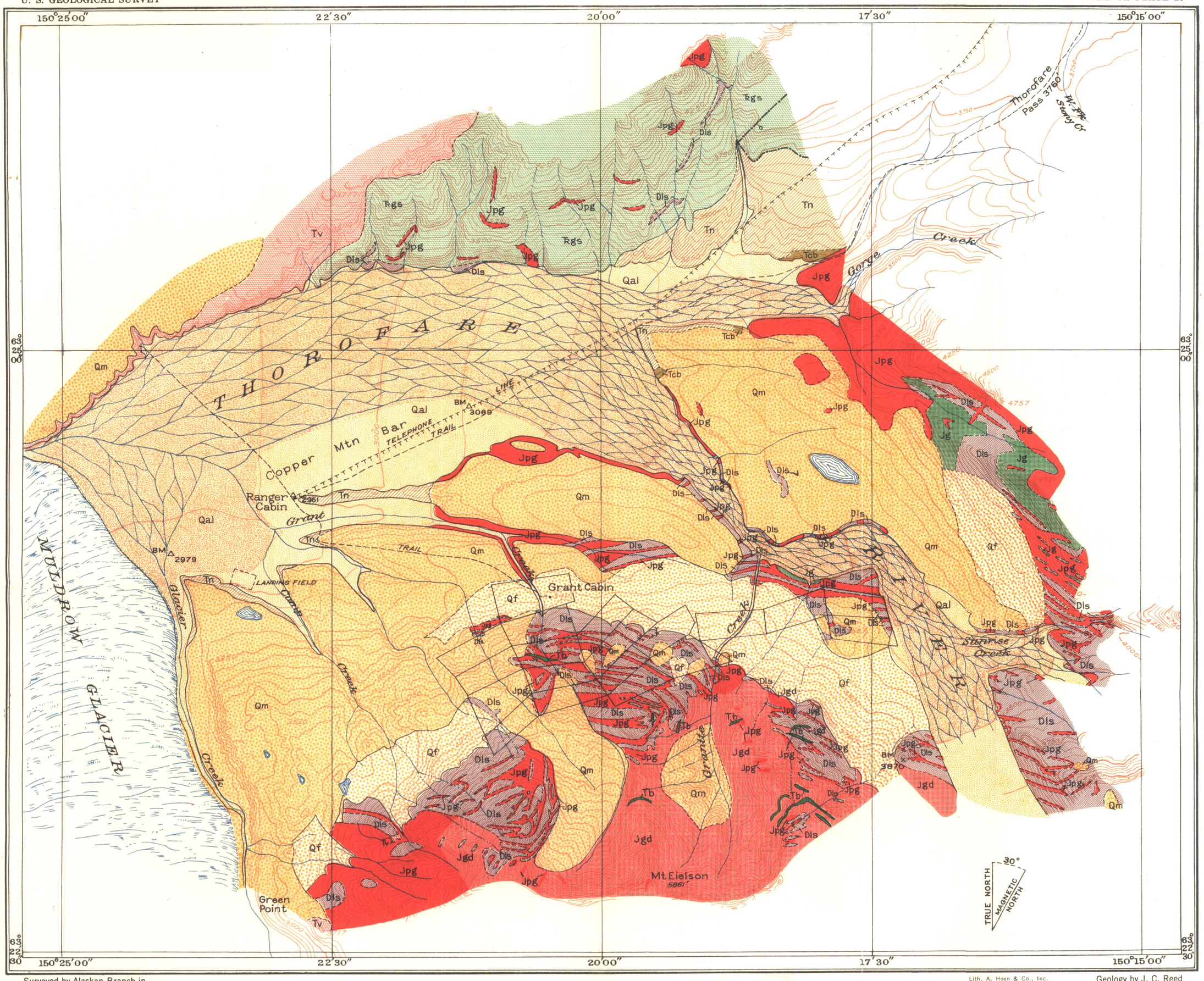

EXPLANATION

SEDIMENTARY ROCKS

QUATERNARY

Pleistocene and Recent

Qal, Qf — **Alluvium** (Qal, *gravel, sand, and silt*; Qf, *talus and fan material*)

Qm — **Moraines** (*deposits of Pleistocene and Recent glaciers*)

TERTIARY

Eocene or later

Tn — **Nenana gravel** (*light-colored gravel and sand*)

Eocene

Tcb — **Coal-bearing formation** (*gravel, sand, and clay with local beds of lignite*)

DEVONIAN (?)

Dls — **Limestone** (*thin-bedded, with subordinate shale, sandstone, argillite, graywacke, and schist*)

IGNEOUS ROCKS

TERTIARY

Eocene

Tv — **Volcanic rocks** (*varicolored basalt, andesite, tuff, dacite, obsidian, and breccia*)

Tb — **Basalt dikes**

MESOZOIC (PROBABLY) POST-TRIASSIC

Jgd — **Granodiorite** (*even-grained hornblende-biotite granodiorite*)

Jpg — **Porphyritic granodiorite**

Jg — **Gabbro**

TRASSIC (?)

Trgs — **Greenstone** (*altered lava flows, locally ellipsoidal*)

Limit of fault block

Mine

Surveyed by Alaskan Branch in cooperation with the Alaska Railroad
Topography by S. N. Stoner, Geodetic position and elevation based on data by U. S. Coast and Geodetic Survey
Surveyed in 1931

Lith. A. Hoen & Co., Inc.

Geology by J. C. Reed

GEOLOGIC MAP OF PART OF MOUNT EIELSON DISTRICT, ALASKA

Scale $\frac{1}{24,000}$

1 ½ 0 1 Mile

Contour interval 50 feet
Datum is mean sea level

1934