Surficial Geologic Map of the Denali National Park and Preserve Road Corridor

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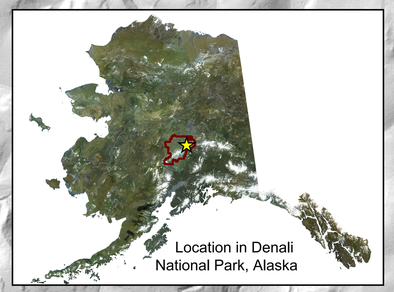
N

0 2 5 10 Km

1:24,000

Mapping funded by the EDMAP National Mapping Initiative, Award No. G18AC00093



Explanation

Geologic Boundaries

- Contact
- Approximate contact
- Concealed contact
- Fault, with relative motion
- Concealed fault
- Andesite/basalt dike
- Concealed dike
- Denali Park Road

Map Symbols

- Strike and dip of bedding
- Approximate bedding
- Strike & dip of joints
- Trend & plunge of slickenlines
- Landslide scarps, where map scale is insufficient to show slide area

Geologic Units

Quaternary Deposits

- Qal — Alluvium
- Qaf — Alluvial fan
- Qbp — Braid plain, sand and gravel
- Qls — Landslide area channel and deposits
- Qcol — Colluvium, including talus and debris cones
- Qdf — Debris flow channels and deposits
- Qibp — Inactive/relict braid plain deposits, vegetated
- Qmw — Relict mass wasting deposits
- Qgo — Glacial outwash
- Qg — Undifferentiated glacial deposits
- Qgm — Glacial moraine, unsorted silt to boulders
- fg — Fault gouge, unknown age

Tertiary Units (Paleogene)

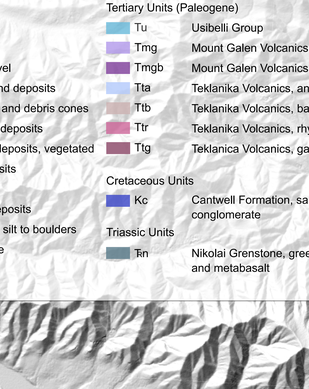
- Tu — Usibelli Group
- Tmg — Mount Galen Volcanics
- Tmgb — Mount Galen Volcanics, breccia
- Tta — Teklanika Volcanics, andesite
- Ttb — Teklanika Volcanics, basalt
- Ttr — Teklanika Volcanics, rhyolite
- Ttg — Teklanica Volcanics, gabbro

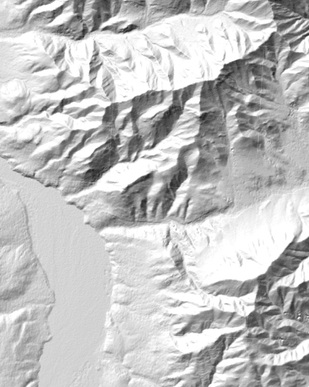
Cretaceous Units

- Kc — Cantwell Formation, sandstone and conglomerate

Triassic Units

- Trn — Nikolai Grenstone, greenstone, and metabasalt





63° 35' N

63° 30' N

63° 25' N

150° 20' W

150° 10' W

150° 0' W

149° 50' W

149° 40' W