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

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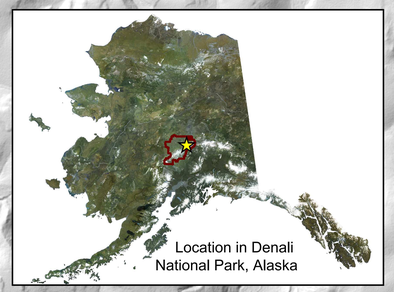
N

0 2 5 10 Km

1:24,000

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



150° 20' W
150° 10' W
150° 0' W
149° 50' W
149° 40' W
63° 35' N
63° 30' N
63° 25' N

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 and dip of joints
- 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