This geologic map was funded in part by the USGS National Cooperative Geologic Mapping Program under STATEMAP award number G18AC00198, 2019.

GEOLOGIC MAP OF THE GRANITE PEAK QUADRANGLE, WASHOE COUNTY, NEVADA

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2019

QUATERNARY DEPOSITS

- Qa — Active alluvium (Holocene)
- Qc — Colluvial deposits (Holocene)
- Qgwd — Groundwater discharge deposits (Holocene)
- Qfy — Younger alluvial-fan deposits (Holocene)
- Qfi — Intermediate-aged alluvial-fan deposits (late Pleistocene)
- Qfo — Older alluvial-fan deposits (middle Pleistocene)
- Qls — Landslide deposits (Holocene to late Pleistocene)

PLIOCENE TO LATE MIOCENE SEDIMENTARY DEPOSITS

- Tss — Sandstone (Pliocene?)
- Tst — Siltstone (Miocene)
- Tsb — Boulder bed (Miocene)
- Ts — Siltstone-sandstone (Miocene)
- Th — Hallelujah formation, (Miocene)

MIOCENE AND OLIGOCENE VOLCANIC ROCKS

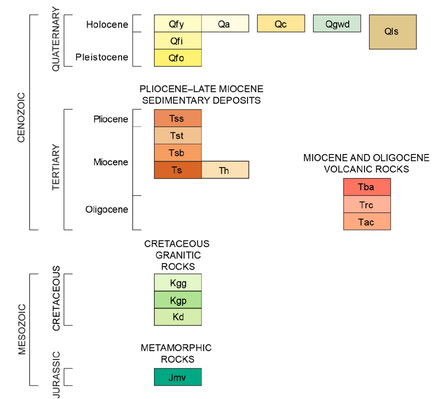
- Tba — Basaltic andisitic lava (Miocene)
- Trc — Tuff of Rattlesnake Canyon (Oligocene)
- Tac — Tuff of Axehandle Canyon (Oligocene)

CRETACEOUS GRANITIC ROCKS

- Kgg — Granite of Granite Peak (Cretaceous)
- Kgp — Granodiorite of Petersen Mountain (Cretaceous)
- Kd — Dioritic rocks (Cretaceous)

METAMORPHIC ROCKS

- Jmv — Metavolcanic rocks (Jurassic?)



Contact Solid where certain, dashed where approximately located, dotted where concealed; queried if identity or existence uncertain.

Gradational contact Approximately located.

Normal fault Solid where certain, dashed where approximately located, dotted where concealed; queried if identity or existence uncertain. Showing dip; ball on downthrown side. *In cross section, arrows show relative movement.*

Oblique-slip, right-lateral fault Solid where certain, dashed where approximately located, dotted where concealed; queried if identity or existence uncertain. Showing dip; ball on downthrown side; diamond tipped arrow indicated bearing and plunge of slickenline. *In cross section, A, away from observer; T, toward observer.*

Anticline Dashed where approximately located.

Landslide scarp Hachures point down scarp.

Strike and dip of bedding and layering
Inclined

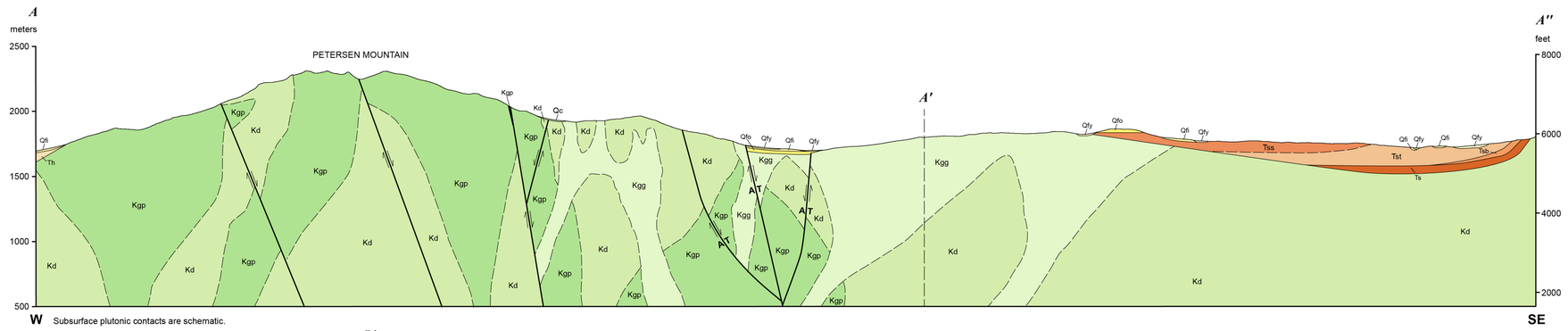
Strike and dip of foliation in intrusive igneous rocks
Inclined

Strike and dip of compaction foliation in ash-flow tuff
Inclined

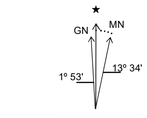
Strike and dip of flow foliation in lava
Inclined

U-pb geochronology sample locations
GP1369

A — A' Line of cross section



See accompanying text for full unit descriptions and references for this map.



UTM GRID AND
2017 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

Adjoining 7.5' quadrangle names

1	2	3
4	5	6
7	8	9

1 Constantia
2 Seven Lakes Mountain
3 Dogskin Mountain
4 Beckwourth Pass
5 Granite Peak
6 Bedell Flat
7 Evans Canyon
8 Reno NW
9 Reno NE

Suggested citation:
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Scale 1:24,000

0 0.5 1 kilometer

0 0.5 1 mile

0 1000 2000 3000 4000 5000 feet

CONTOUR INTERVAL 40 FEET

Projection: Universal Transverse Mercator, Zone 11, North American Datum 1983 (m)

Base map: U.S. Geological Survey Granite Peak 7.5' quadrangle (2018)

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DRAFT
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Will be revised before publication

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