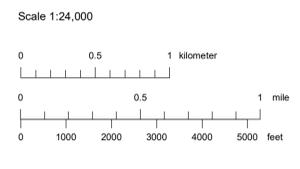
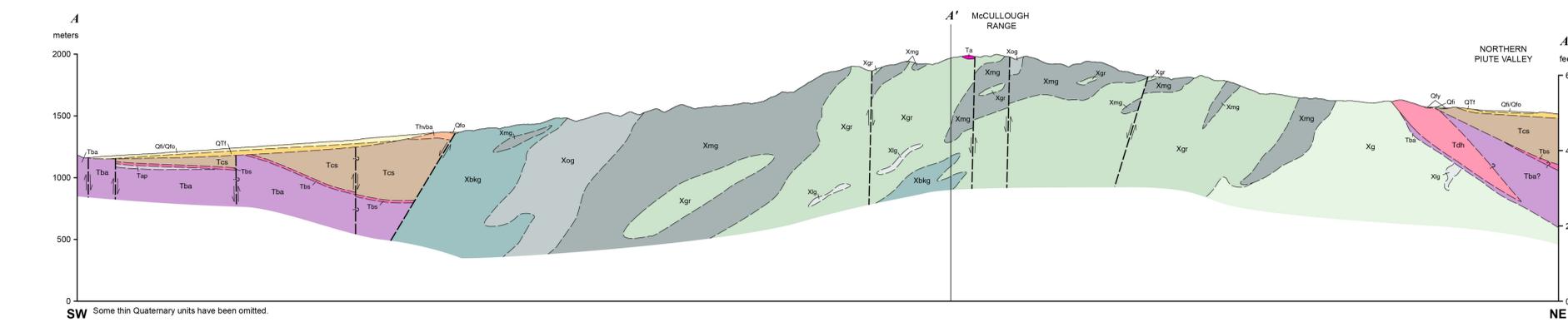
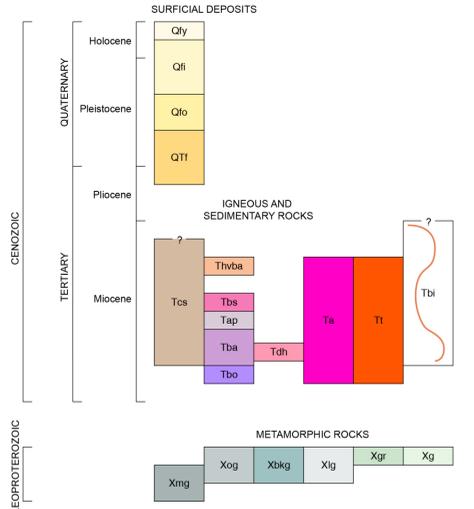


- QUATERNARY DEPOSITS**
- Qly Young alluvial-fan deposits (Holocene)
 - Qli Intermediate-aged alluvial-fan deposits (early Holocene to late Pleistocene)
 - Qlo Older alluvial-fan deposits (middle to early Pleistocene)
 - QTI Oldest alluvial-fan deposits (early Pleistocene to Pliocene?)
- TERTIARY IGNEOUS AND SEDIMENTARY ROCKS**
- Tbl Basalt dikes (late? to middle Miocene)
 - Thba Hidden Valley basaltic andesite (middle Miocene)
 - Tbs Tuff of Bridge Spring (middle Miocene)
 - Tcs Conglomerate and sandstone (middle to early Miocene)
 - Tap Porphyritic andesite (middle to early Miocene)
 - Tdh Hornblende dacite (early Miocene)
 - Tda Basaltic andesite (early Miocene)
 - Tbo Olivine basalt (early Miocene)
 - Ta Andesite (middle to early Miocene?)
 - Tt Rhyolite tuff, undivided (middle to early Miocene?)
- PALEOPROTEROZOIC ORTHOGNEISS AND MIGMATITE GNEISS**
- Xgr Granite
 - Xg Porphyritic granite gneiss
 - Xbkg Biotite K-feldspar orthogneiss
 - Xlg Leucocratic granite orthogneiss
 - Xog Orthogneiss, undivided
 - Xmg Migmatite gneiss

- Contact** Solid where certain and location accurate, dashed where approximately located, dotted where concealed; queried if identity or existence uncertain.
- Fault** Solid where certain and location accurate, dashed where approximately located, dotted where concealed; queried if identity or existence uncertain.
- Normal fault** Solid where certain and location accurate, 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 motion.
- Strike-slip fault** Dashed where approximately located. Arrows show relative motion.
- Dike** Solid where certain and location accurate. Showing dip.
- Quartz vein** Solid where certain and location accurate.

- Strike and dip of bedding**
- $\frac{41}{\text{Inclined}}$
- Strike and dip of igneous foliation**
- $\frac{67}{\text{Inclined}}$
- Strike and dip of metamorphic foliation**
- $\frac{59}{\text{Inclined}}$
- Strike and dip of compaction foliation in ash-flow tuff**
- $\frac{32}{\text{Inclined}}$
- Geochemistry sample** Showing sample number.
- MP21SD-1
- Geochronology sample** Showing sample number and age in millions of years.
- ▲ ^{39}Ar U-Pb analysis
- Line of cross section**
- A'-----A''



Scale 1:24,000

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

Base map: U.S. Geological Survey McCullough Mountain 7.5' quadrangle (2021)

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

Suggested citation:
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Adjoining 7.5' quadrangle names

1	2	3
4	5	6
7	8	9

- Roach
- McCullough Pass
- McCullough Mountain NE
- Desert
- McCullough Mountain
- Highland Spring
- Nipton
- Crescent Peak
- 9 Hops Well

UTM GRID AND DECLINATION AT CENTER OF SHEET

1° 03' GN MN
11° 29'

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GEOLOGIC MAP OF THE SOUTHERN HALF OF THE McCULLOUGH MOUNTAIN QUADRANGLE, CLARK COUNTY, NEVADA

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Nevada Bureau of Mines and Geology, University of Nevada, Reno
2022

