

QUATERNARY DEPOSITS

- Alluvial and fluvial river deposits**
- Qfy Young alluvial fan deposits, undifferentiated
 - Qfy₁ Young fan alluvium of late Holocene age
 - Qfy₂ Young fan alluvium of late to middle Holocene age
 - Qfy₃ Young fan alluvium of middle to early Holocene age
 - Qay₁ Recent distributary channel deposits of the Carson River
 - Qay₂ Young distributary channel deposits of the Carson River
 - Qp Ephemeral playa deposits

Fallon Allotformation

- Qfe Aeolian sand of late to middle Holocene age
- Qfs Shallow lake sediments of late to middle Holocene age
- Qfb Beach deposits of late to middle Holocene age associated with Qfs sediments

Sehoo Allotformation

- Qsu Lacustrine sediments of the upper Sehoo Allotformation
- Qsub Beach deposits associated with Qsu sediments
- Qslm Lacustrine sediments of the lower and middle Sehoo Allotformation, undifferentiated
- Qsm Lacustrine sediments of the middle Sehoo Allotformation
- Qamd Dendritic tufa member of the middle Sehoo Allotformation
- Qamb Tufa deposits of the middle Sehoo Allotformation
- Qamt Tufa deposits of the middle Sehoo Allotformation
- Qsl Lacustrine deposits of the lower Sehoo Allotformation

Wyemaha Allotformation

- Qws Subaerial sand and alluvial fan deposits

Eetza Allotformation

- Qeg Gravely beach deposits of the Eetza Allotformation

Pre-Lahontan lacustrine deposits

- Qpe Pre-Eetza lacustrine deposits
- Qpeg Pre-Eetza gravely beach deposits
- Qls Older lacustrine and alluvial sediments

TERTIARY BEDROCK UNITS

- Tb Olivine basalt flows
- Tsp Tertiary sediments, undivided; Tsp, pumice deposits; Tsb, olivine basalt interbeds
- Teh Eagles House rhyolite
- Trd Dacite of Rainbow Mountain
- Trb Basalt of Rainbow Mountain with basalt sill and dikes

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

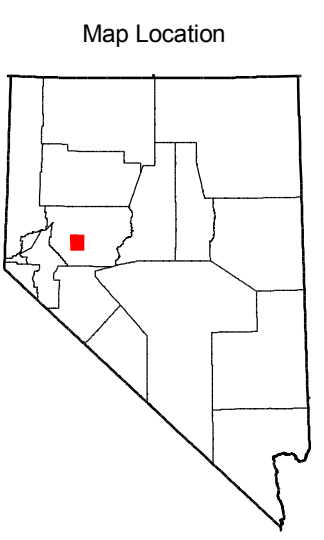
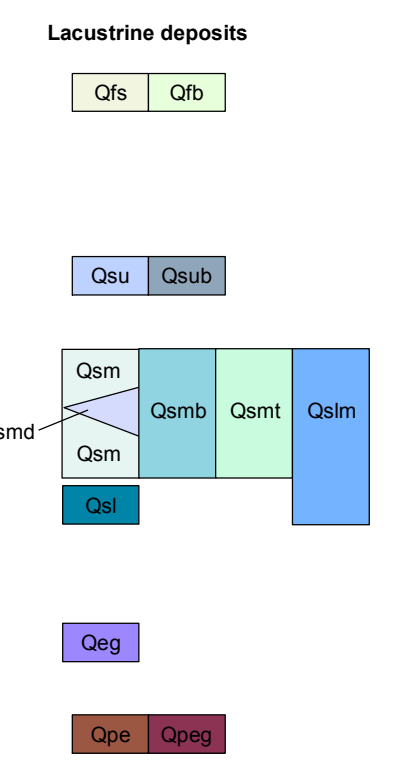
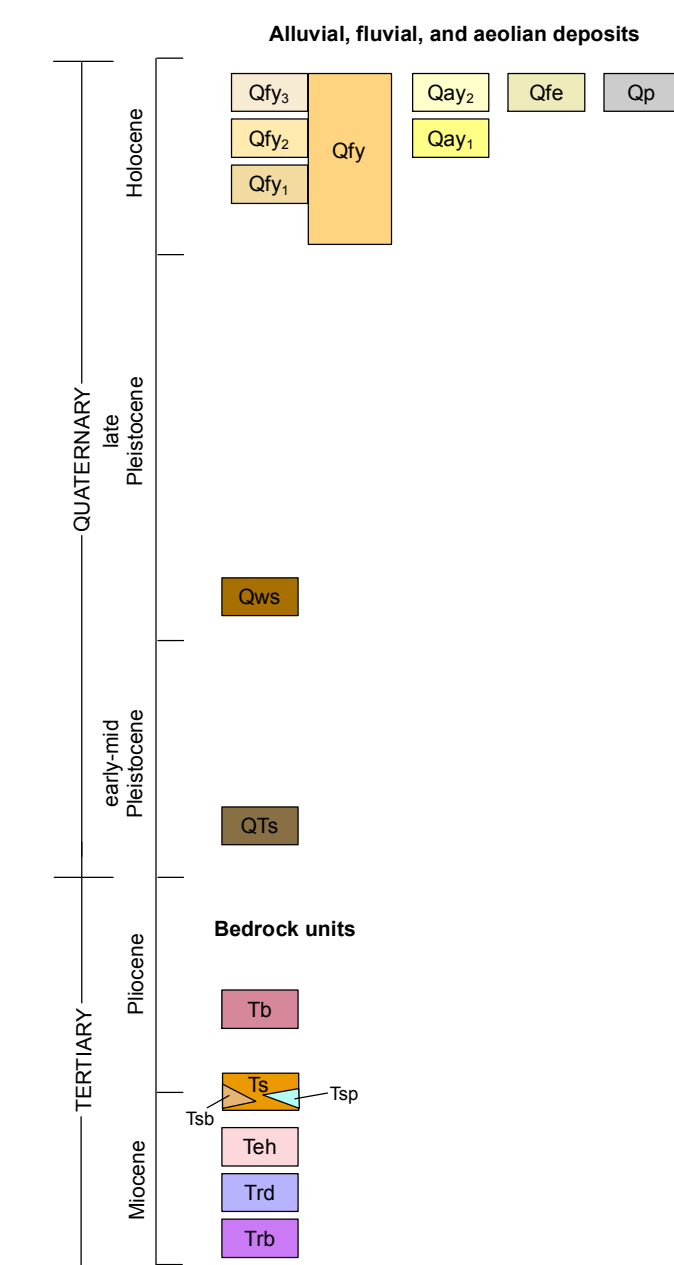
Symbology (per FGDC-STD-013-2006)

- Contact Solid where certain and location accurate, long-dashed where approximate.
- Normal fault Solid where certain and location accurate, long-dashed where approximate, short-dashed where inferred, dotted where concealed; queried if identity or existence uncertain. Ball on downthrown side, arrow showing bearing and plunge.
- 1954 Historical fault Solid where certain and location accurate, long-dashed where approximate, dotted where concealed.
- Lacustrine scarp Solid where certain, F1, Fallon lake shoreline
- High shoreline Solid where certain.

- Strike and dip of bedding
 - 45° Inclined

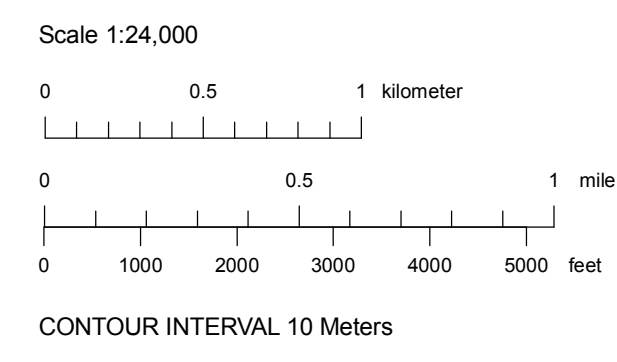
- Strike and dip of flow banding or flow foliation in volcanic rocks
 - 33° Inclined
 - Vertical

- ▲ Tephra locality
- △ Mono Craters
- △ Tmz, Mazama
- △ Twc, Wilson Creek
- △ Tu, uncertain
- Radiocarbon sample locality (see Table 1). Age is ¹⁴C yr BP.
- Point of interest (see Table 2)



GEOLOGIC MAP OF THE LAHONTAN MOUNTAINS QUADRANGLE, CHURCHILL COUNTY, NEVADA

John W. Bell, S. John Caskey, and P. Kyle House
2009



Projection: Universal Transverse Mercator, Zone 11, North American Datum 1983 (m)
Base map: U.S. Geological Survey Lahontan Mountains 7.5' quadrangle (1985)

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