

- QUATERNARY DEPOSITS**
- Alluvial and fluvial river deposits
    - Qfy1 Young fan alluvium of middle to early Holocene age
    - Qfy2 Young fan alluvium of late to middle Holocene age
    - Qfy3 Young fan alluvium of late Holocene age
    - Qay Distributary channel deposits, undifferentiated
      - Qay1 Young distributary channel deposits of the Carson River
      - Qay2 Recent (historic) distributary channel deposits of the Carson River

- Fallon Alloformation**
- Qfe Aeolian sand of late to middle Holocene age
  - Qfs Shallow lake sediments of late to middle Holocene age

- Sehoo Alloformation**
- Qsu Lacustrine sediments of the upper Sehoo Alloformation
  - Qsm Lacustrine sediments of the middle Sehoo Alloformation
    - Qsmb Beach deposits of the middle Sehoo Alloformation
    - Qsmt Tufa deposits of the middle Sehoo Alloformation

- Wyemaha Alloformation**
- Qws Subaerial sand and alluvial fan deposits

- Etzta Alloformation**
- Qeg Gravely beach deposits of the Etzta Alloformation

- Qep pre-Etzta gravely beach deposits

- Qbr Basalt of Rattlesnake Hill

**BEDROCK UNITS**

- Bunajug Formation**
- Tb Olivine basalt flows

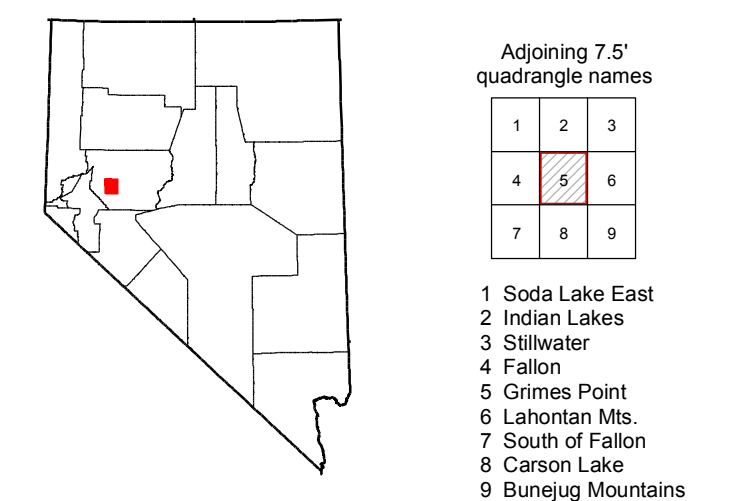
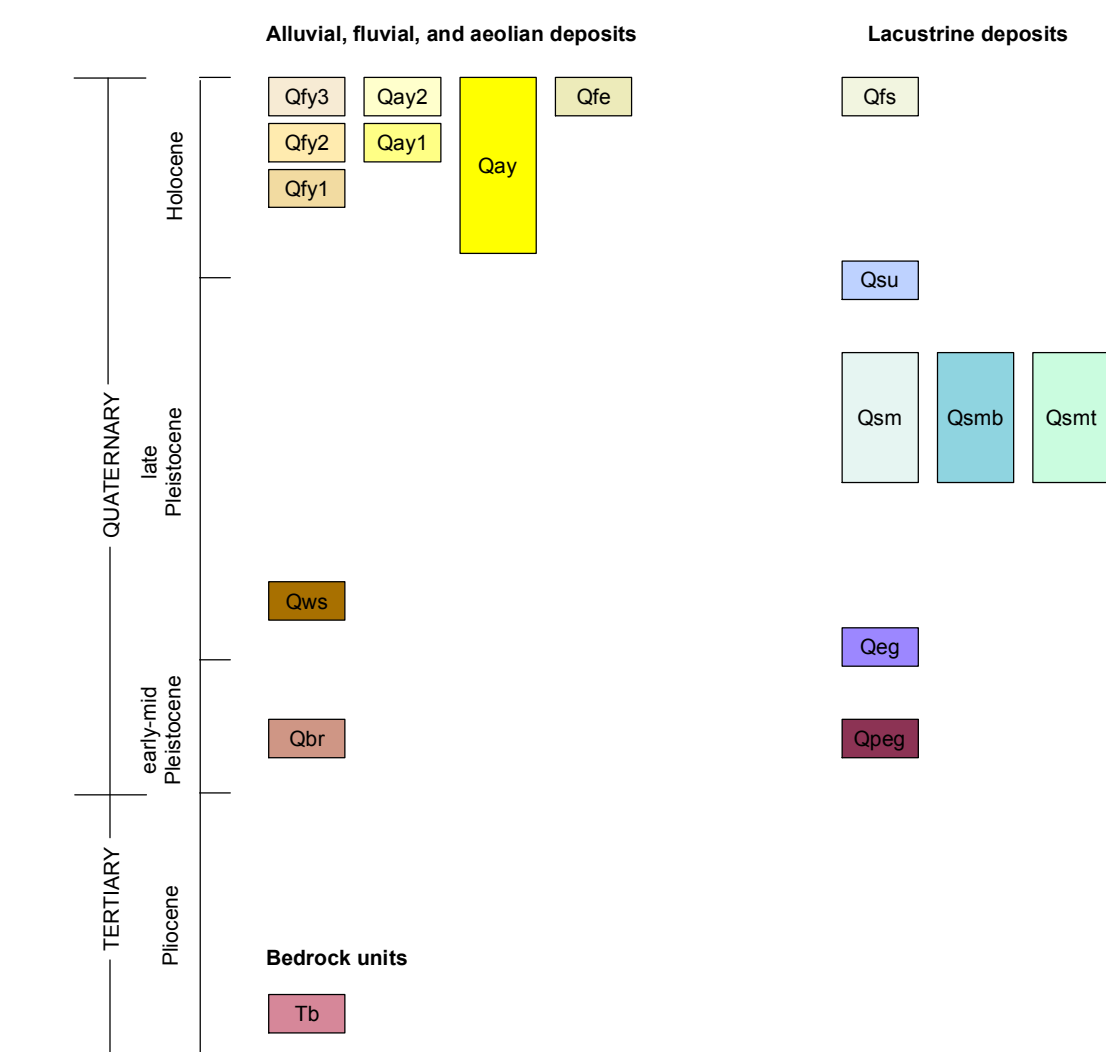
**Symbology (per FGDC-STD-013-2006)**

**Contact** Solid where certain and location accurate, long-dashed where approximate, short-dashed where inferred.

**Lacustrine scarp** Solid where certain.

**High shoreline** Solid where certain.

**Qrw**  
Reservoir



# PRELIMINARY GEOLOGIC MAP OF THE GRIMES POINT QUADRANGLE, CHURCHILL COUNTY, NEVADA

John W. Bell and P. Kyle House  
2009

Scale 1:24,000  
0 0.5 1 kilometer  
0 0.5 1 mile  
0 1000 2000 3000 4000 5000 feet  
CONTOUR INTERVAL 2 Meters  
Projection: Universal Transverse Mercator, Zone 11, North American Datum 1983 (m)  
Base map: U.S. Geological Survey Grimes Point 7.5' Quadrangle (1985)

**Nevada Bureau of Mines and Geology**  
Mackay School of Earth Sciences and Engineering  
College of Science  
University of Nevada, Reno

Field work done in 2008-2009  
Supported by the U.S. Geological Survey STATEMAP Program (Agreement No. 08-HQ-AG-0053)

**DRAFT**  
Preliminary geologic map  
Has not undergone office or field review  
Will be revised before publication

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