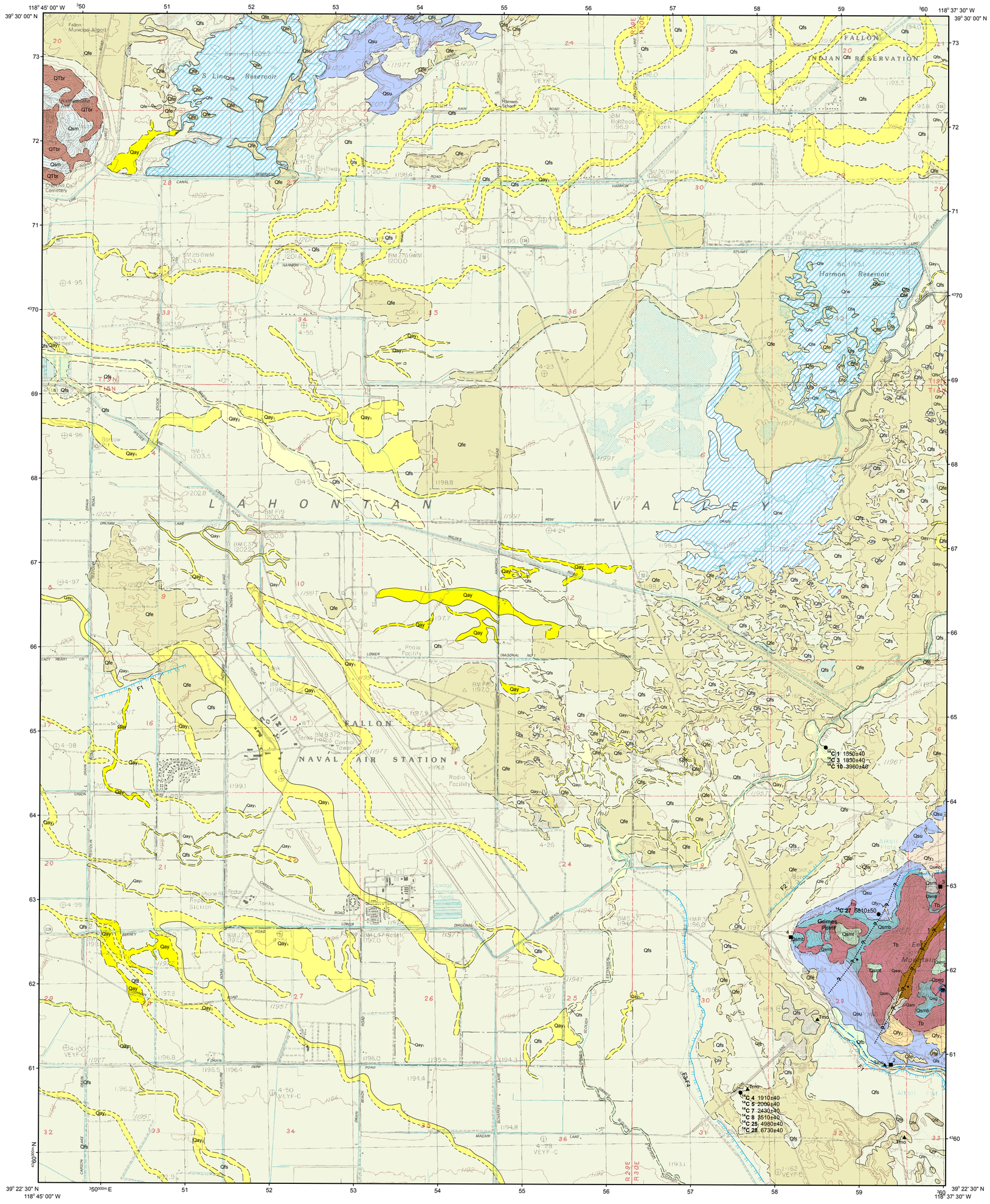


GEOLOGIC MAP OF THE GRIMES POINT QUADRANGLE, CHURCHILL COUNTY, NEVADA

John W. Bell and P. Kyle House
Nevada Bureau of Mines and Geology

2010

QUATERNARY DEPOSITS

Alluvial and fluvial river deposits

- Qfy$_3$ **Young fan alluvium of late Holocene age**
- Qfy$_2$ **Young fan alluvium of late to middle Holocene age**
- Qay **Distributary channel deposits, undifferentiated**
- Qay$_2$ **Recent (historic) distributary channel deposits of the Carson River**
- Qay$_1$ **Young distributary channel deposits of the Carson River**

Fallon Alloformation

- Qfe **Aeolian sand of the Fallon Alloformation**
- Qfs **Shallow lake sediments of the Fallon Alloformation**
- Qfb **Beach deposits associated with Qfs sediments**

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**

Eetza Alloformation

- Qeg **Gravelly beach deposits of the Eetza Alloformation**
- Qpeg **Gravelly beach deposits of pre-Eetza age**

QUATERNARY-TERTIARY VOLCANIC ROCKS

- QTbr **Basalt of Rattlesnake Hill**

TERTIARY VOLCANIC ROCKS

Bunejug Formation

- Tb **Olivine basalt flows**

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, short-dashed where inferred.

Normal fault Dotted where concealed; queried if identity or existence uncertain. Ball on downthrown side.

Lacustrine scarp Solid where certain. F1 Fallon lake shoreline.

High shoreline Solid where certain.

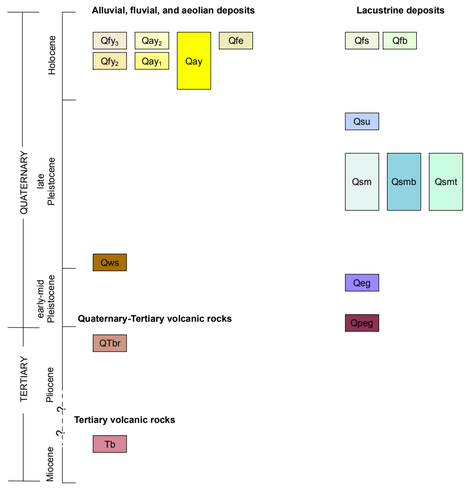
Beach ridge

Reservoir

Radiocarbon sample locality (see table 1). Age is ^{14}C yr B.P.

Tephra locality
Tmo, Mono Craters

Point of interest (see table 2)



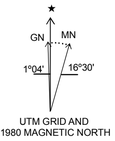
Map Location

Adjoining 7.5' quadrangle names

1	2	3
4	5	6
7	8	9

1 Soda Lake East
2 Indian Lakes
3 Stillwater
4 Fallon
5 Grimes Point
6 Lahontan Mts.
7 South of Fallon
8 Carson Lake
9 Bunejug Mountains

Suggested citation:
Bell, J.W. and House, P.K., 2010, Geologic map of the Grimes Point quadrangle, Churchill County, Nevada: Nevada Bureau of Mines and Geology Map 173, 1:24,000 scale, 24 p. text.



UTM GRID AND
1980 MAGNETIC NORTH

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 1927 (m)

Base map: U.S. Geological Survey Grimes Point 7.5' quadrangle (provisional edition 1985)

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