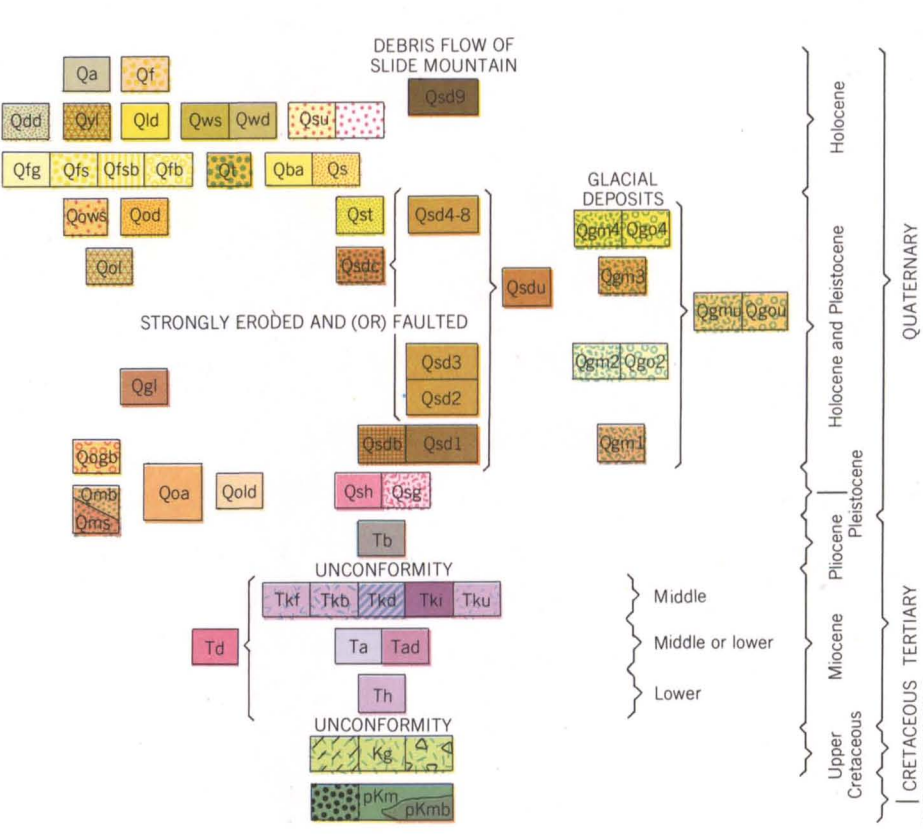
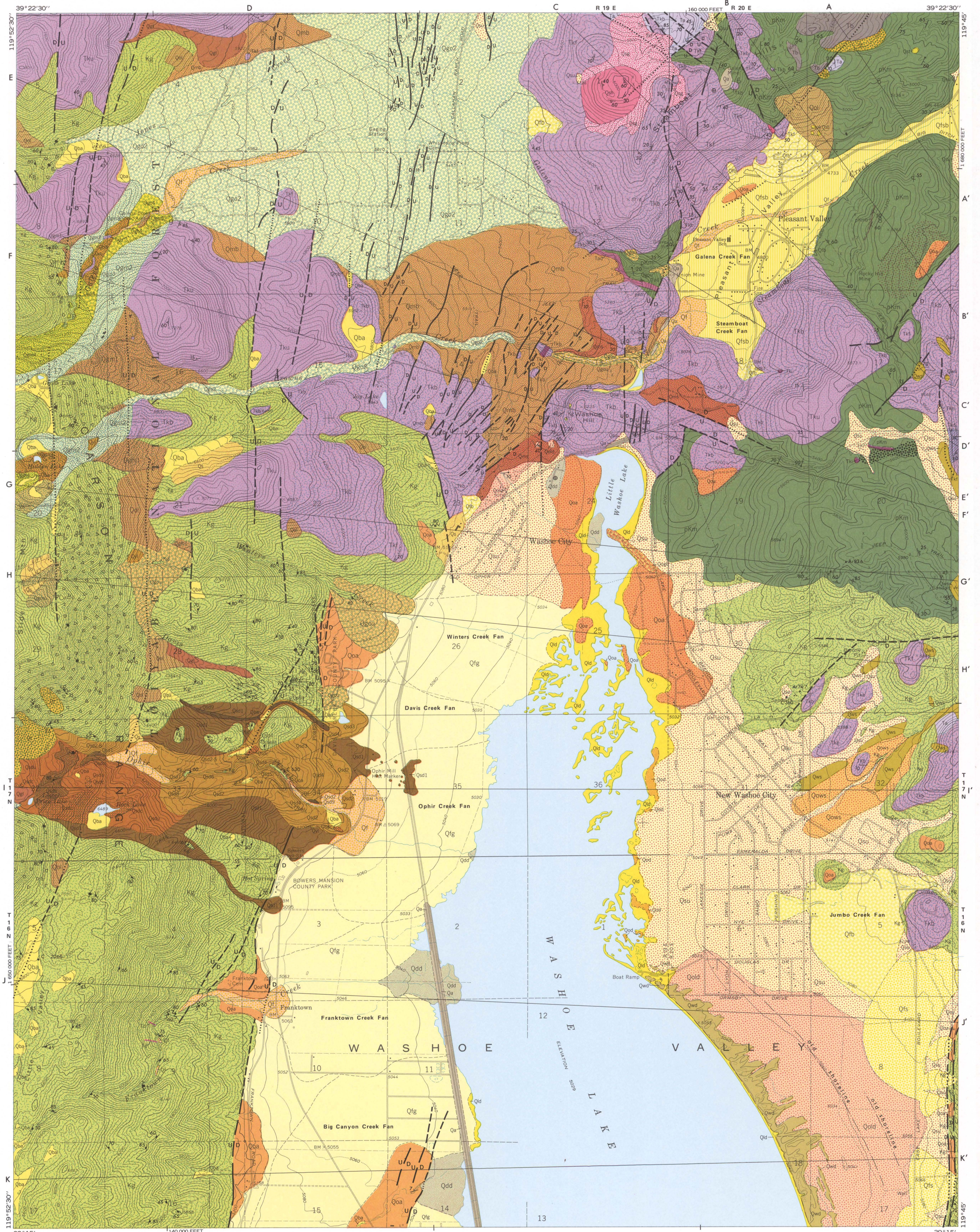


ENVIRONMENTAL SERIES

WASHOE CITY FOLIO GEOLOGIC MAP



**Artificial fill.** Qa  
**Flood deposits.** Qf  
**Deltaic deposits.** Qdd  
**Young landslide deposits.** Qld  
**Lake deposits.** Ql  
**Windblown sand.** Qws  
**Dunes.** Qwd  
**Sand, undifferentiated.** Qw  
**Aluvial fans.** Qfg  
**Old alluvium.** Qo  
**Old landslide deposits.** Qol  
**Debris flows of Slide Mountain.** Qdf  
**Debris flows 2 through 8.** Qd2-8  
**Debris flow 1.** Qd1  
**Debris flow 9.** Qd9

**GLACIAL DEPOSITS**  
**Glacial moraine 4.** Qm4  
**Glacial outwash 4.** Qo4  
**Glacial moraine 3.** Qm3  
**Glacial moraine 2.** Qm2  
**Glacial moraine 1.** Qm1  
**Glacial outwash 2.** Qo2  
**Glacial outwash 1.** Qo1  
**Old windblown sand.** Qws  
**Glacial outwash and/or landslide deposits.** Qg  
**Old landslide deposits.** Qol  
**Glacial outwash and/or landslide deposits.** Qg

**BEDROCK UNITS**  
**Steamboat Hills Rhyolite and associated deposits.** Qsh  
**Hardford Hill Formation.** Hf  
**Alta Formation.** Ta  
**Horblende dacite porphyry dikes.** Pd  
**Horblende-biotite granodiorite.** Kg  
**Metasomeric rocks.** pKm  
**Metasomeric rocks.** pKmb

**Contact** Long dashes where approximately located; short dashes where inferred; dotted where concealed.  
**Fault** Long dashes where approximately located; short dashes where inferred; dotted where concealed.  
**Bedding**  
 30° inclined vertical  
 60° overturned horizontal  
 Ball indicates top direction is toward the number.  
**Foliation**  
 40° inclined vertical  
 Aligned platy minerals in metamorphic rocks; platy jointing with parallel minerals and flow layering in volcanic rocks.  
**Lamination**  
 25° aligned crystals of hornblende and biotite  
**Joints**  
 20° inclined vertical  
 60° with parallel small shears  
 C 360a C1-4 age of 360 years B.P.  
 Ar 83.4a K-Ar age 83.6 m.y.  
 Note: lines labeled A-A', B-B', etc., refer to cross-sections on separate sheet of the folio.

By R.W. Tabor and S. Ellen, 1975  
 U.S. Geological Survey  
 Mapped 1973-74; assisted by M. Clark and E. Brooks.  
 Some selected structural data from Thompson, G.A. and White, D.E., 1964.  
 1 INCH EQUALS 2000 FEET  
 0 0.5 1 MILE  
 0 2000 4000 FEET  
 0 0.5 1 KILOMETER  
 0 1000 METERS  
 CONTOUR INTERVAL 40 FEET  
 DOTTED LINES ARE 20-FOOT CONTOURS  
 DATUM IS MEAN SEA LEVEL  
 Topographic base from U.S. Geological Survey Washoe City 7 1/2 quadrangle, 1968  
 Cartography by Susan L. Nichols  
 NEVADA BUREAU OF MINES AND GEOLOGY  
 UNIVERSITY OF NEVADA  
 RENO, NEVADA 89507