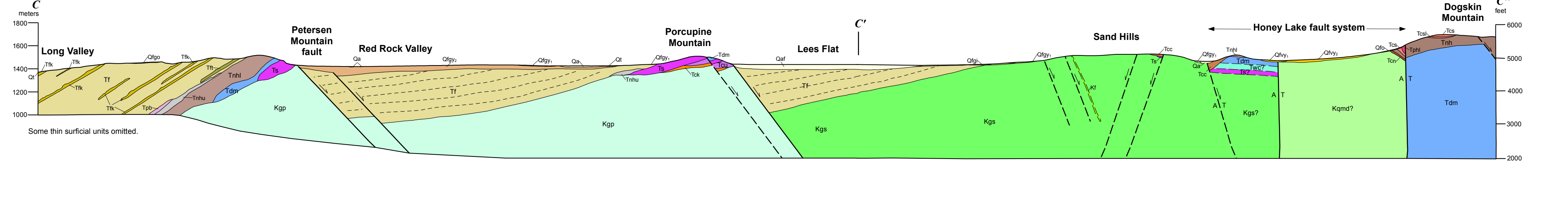
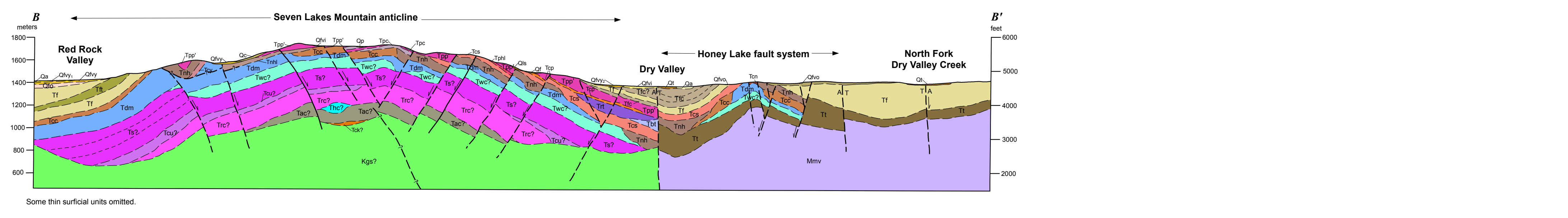
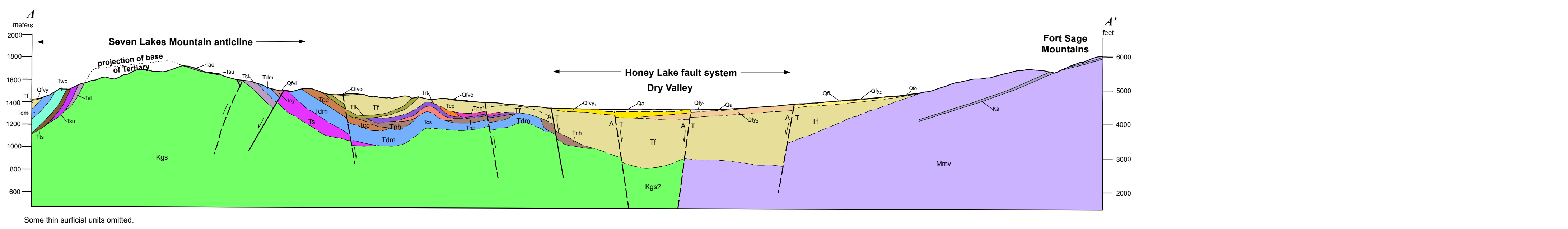
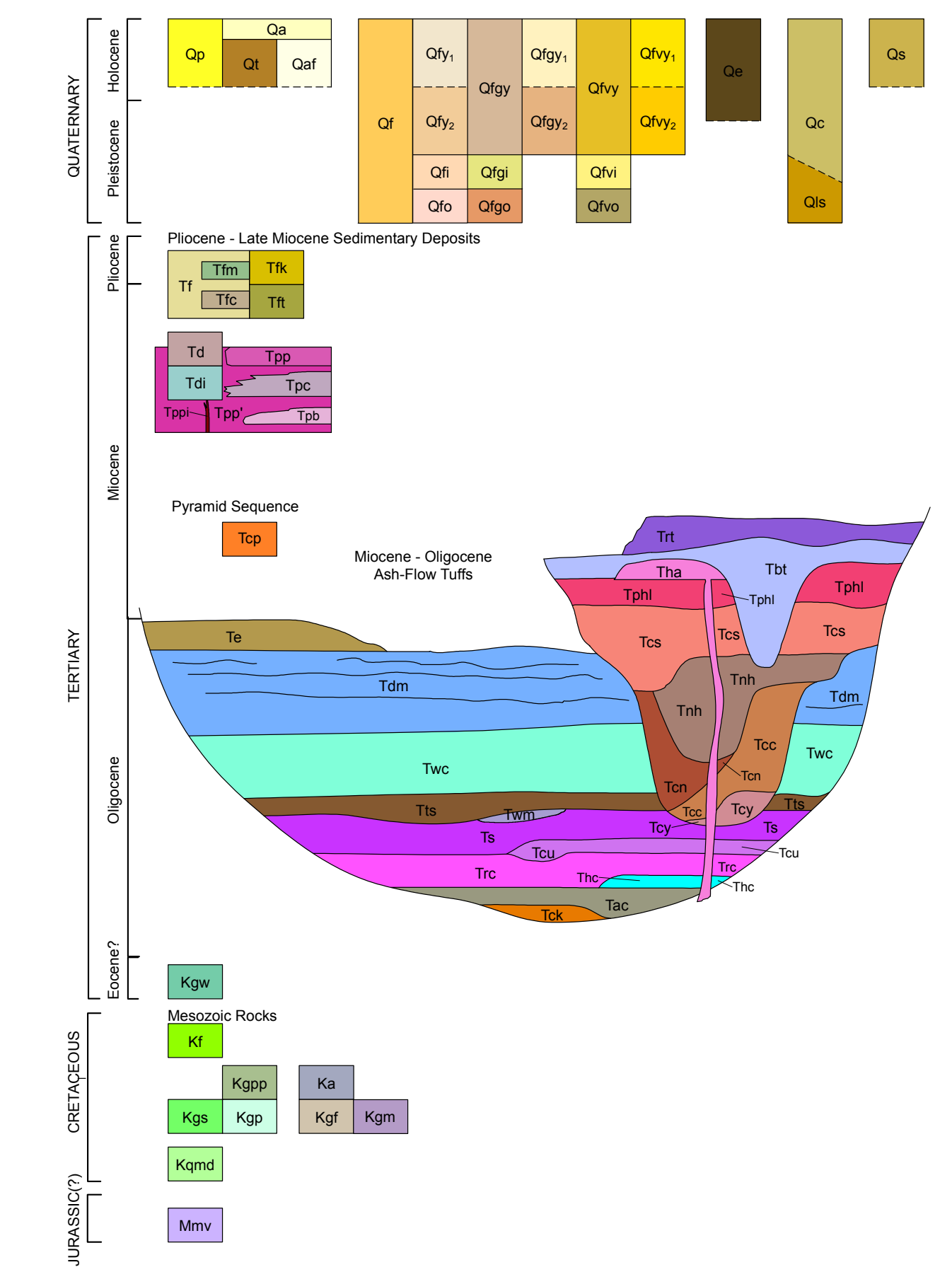


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|---|--|--|
| <p>Quaternary Deposits</p> <ul style="list-style-type: none"> Qa Active alluvium Qaf Fine-grained alluvium Qt Aluvial terrace deposits Qp Ponded alluvium Qs Spring deposits Qc Colluvial deposits Qd Aluvial fan deposits (undifferentiated), Basalt-dominated fan deposits Qdy Aluvial fan deposits (late Holocene to late Pleistocene) Qdy1 Aluvial fan deposits (late to middle Holocene) Qdy2 Aluvial fan deposits (early Holocene to late Pleistocene) Qdy3 Intermediate-age fan deposits (late to middle Pleistocene) Qdy4 Older fan deposits (middle to early Pleistocene) Qd Colluvial deposits Ql Landslide deposits <p>Pliocene - Late Miocene Sedimentary Deposits, undivided</p> <ul style="list-style-type: none"> Tt Pliocene to late Miocene sedimentary deposits, undivided Tc Conglomerate Tm Conglomerate of metavolcanic rocks Tn Boulder beds of Cretaceous granodiorite Th Boulder beds of Tertiary ash-flow tuff Td Dacite lava Td Dacite dikes | <p>Pyramid Sequence</p> <ul style="list-style-type: none"> Tp1 Finely porphyritic basaltic andesite intrusion Tp2 Finely porphyritic basaltic andesite lava Tp3 Porphyritic basaltic andesite lava Tp4 Conglomerate, sandstone, and breccia Tp5 Basalt lava Tp6 Pre-Pyramid sequence conglomerate <p>Miocene - Oligocene Ash-Flow Tufts</p> <ul style="list-style-type: none"> Ta1 Rhyolite-dacite ash-flow tuff Ta2 Tuff breccia Ta3 Hornblende andesite dike and lavas(?) Ta4 Tuff of Painted Hills Ta5 Tuff of Chimney Spring Ta6 Lower part Ta7 Nine Hill Tuff Ta8 Upper part Ta9 Lower part Ta10 Conglomerate below Nine Hill Tuff Ta11 Tuff of Campbell Creek Ta12 Conglomerate below tuff of Campbell Creek Ta13 Tuff E Ta14 Tuff of Dogskin Mountain Ta15 Tuff of Cove Spring | <ul style="list-style-type: none"> Tm1 Conglomerate and tuffaceous sedimentary rock Tm2 Tuff of Western Mine Tm3 Tuff of Sutcliffe Tm4 Upper unit Tm5 Lower unit Tm6 Sedimentary rocks below tuff of Sutcliffe Tm7 Tuff of Rattlesnake Canyon Tm8 Tuff of Handsrabbe Canyon Tm9 Tuff of Aeshaudle Canyon Tm10 Basalt Tertiary conglomerate Tm11 Ash-flow tufts undivided, cross sections only Tm12 Weathered Cretaceous granitic rocks <p>Mesozoic Rocks</p> <ul style="list-style-type: none"> Ka1 Aplitic to pegmatitic dikes and irregular intrusions Kg1 Granodiorite of the Sand Hills Kg2 Quartz pegmatite of Peterson Mountain Kg3 Granodiorite of Peterson Mountain Ka2 Aplitic dikes of the Fort Sage Mountains Kg4 Granodiorite of the Fort Sage Mountains Kg5 Mafic granodiorite of the Fort Sage Mountains Km1 Quartz monzonite of Dogskin Mountain Mm1 Mesozoic (Jurassic?) metavolcanic and meta-sedimentary rocks |
|---|--|--|

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



Contact: Solid where certain and location accurate; dashed where approximate; dotted where concealed; queried if identity or existence uncertain.

Informational contact: Dashed line.

Form line: Showing dip of beds in cross section.

Fault: Solid where certain and location accurate; dashed where approximate; dotted where concealed; queried if identity or existence uncertain. Arrows show slip direction; ball and bar marks downthrown side. On cross sections only, A, away from observer; T, toward observer.

Syncline: Solid where certain, dotted where concealed.

Anticline: Dashed where approximately located.

Vein with dip: Dashed line with arrow.

Lineament: Dashed line.

Line of cross section: A-A'

Breccia: Intensely brecciated area along hinge zone of Seven Lakes Mountain anticline.

Strike and dip of bedding: Inclined Horizontal Vertical

Strike and dip of compaction foliation in lava or intrusion: Inclined Horizontal Vertical

Strike and dip of compaction foliation in ash-flow tuff: Inclined Horizontal Vertical

Strike and dip of metamorphic foliation in ash-flow tuff: Inclined Horizontal Vertical

Map location: [Map of Nevada showing the location of the quadrangle]

Scale 1:24,000

0 0.5 1 kilometer
0 0.5 1 mile

CONTOUR INTERVAL 10 METERS (east half of Dogskin Mountain, Nevada, California, 7.5x15 quadrangle) or 40 FEET (Constantia 7.5 quadrangle)

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

Base map: west half of the U.S. Geological Survey Dogskin Mountain, Nevada, California, 7.5 x 15 1:24,000 scale quadrangle (1979) and Constantia 7.5 quadrangle (1994)

For sale by: Nevada Bureau of Mines and Geology, 2175 Raggio Parkway, Reno, Nevada 89512, (775) 784-8691, ext. 2, www.nbgm.nv.gov, rcompson@unr.edu

GEOLOGIC MAP OF THE SEVEN LAKES MOUNTAIN QUADRANGLE, WASHOE COUNTY, NEVADA AND THE EASTERN PART OF THE CONSTANTIA QUADRANGLE, LASSEN COUNTY, CALIFORNIA
Christopher D. Henry, Alan R. Ramelli, and James E. Faulds
2009