EXPLANATION

QUATERNARY

- Qa — ALLUVIAL DEPOSITS
- Qac — ALLUVIAL AND COLLUVIAL DEPOSITS
- Qts — TALUS AND SLOPE-FAILURE DEPOSITS

MIOCENE

TIMBER MOUNTAIN GROUP

- Tmpl — RHYOLITE OF PINNACLES RIDGE – LAVA FLOW
- Tmpt — RHYOLITE OF PINNACLES RIDGE – ASH-FLOW TUFF
- Tmbl — RHYOLITE OF WATERPIPE BUTTE – LAVA FLOW
- Tmbt — RHYOLITE OF WATERPIPE BUTTE – ASH-FLOW TUFF

PAINTBRUSH GROUP

- Tpkl — RHYOLITE OF COMB PEAK – LAVA FLOW
- Tpki — RHYOLITE OF COMB PEAK – INTRUSIVE VITROPHYRIC RHYOLITE
- Tpkr — RHYOLITE OF COMB PEAK – RHEOMORPHIC FUSED TUFF
- Tpkw — RHYOLITE OF COMB PEAK – FUSED TUFF
- Tpkt — RHYOLITE OF COMB PEAK – ASH-FLOW TUFF
- kt3 — ASH-FLOW TUFF – NONWELDED
- kt2 — ASH-FLOW TUFF – PARTLY WELDED
- kt1 — ASH-FLOW TUFF – NONWELDED
- Tpkh — RHYOLITE OF COMB PEAK – LAHAR
- Tpvl — RHYOLITE OF VENT PASS – LAVA
- Tpvt — RHYOLITE OF VENT PASS – TUFF
- Tbt5 — BEDDED TUFF
- Tpc — TIVA CANYON TUFF – WELDED
- Tpgl — RHYOLITE OF BLACK GLASS CANYON – LAVA TUFF
- Tpgt — RHYOLITE OF BLACK GLASS CANYON – ASH-FLOW TUFF
- Tpdl — RHYOLITE OF DELIRIUM CANYON – LAVA TUFF
- Tpdt — RHYOLITE OF DELIRIUM CANYON – NONWELDED TUFF
- Tpdw — RHYOLITE OF DELIRIUM CANYON – WELDED TUFF
- Tpp — PAH CANYON TUFF – NON-TO DENSELY WELDED
- Tbt2 — BEDDED TUFF
- Tpt — TOPOPAH SPRING TUFF – WELDED
- Tptb — TOPOPAH SPRING TUFF-BASAL BRECCIA

CALICO HILLS FORMATION

- Tacl — RHYOLITE LAVA FLOW
- Tact — BEDDED TUFF – NONWELDED
- Tacm — MASSIVE TUFF – NONWELDED
- Tacw — FUSED TUFF

Stratigraphic nomenclature of Buesch and others (1996), Ferguson and others (1994), and Sawyer and others (1994)

- CONTACT—Solid where exposed, dashed where approximately located
- 13 — STRIKE AND DIP OF FLATTENED PUMICE FOLIATION
- FAULT—Solid where exposed or tightly constrained, dashed where approximately located, dotted where concealed beneath Quaternary cover, queried where inferred or uncertain. Ball and bar on down-thrown side. Line with diamond shape indicates rake and plunge of slickenside lineation. Solid arrow indicates dip of fault plane.
- A —— A′ TRACE OF CROSS SECTION

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Topographic base map from the 1:6,000-ecale topographic contour data produced from orthophoto mission flown in 1990 by EG&G for the U.S. Department of Energy. Nevada State Coordinates (in feet) are for the central zone of Nevada and are based on Transverse Mercator projection. The origin of this projection for the central zone of Nevada is latitude 34°45′ N., with the central meridian of longitude 116°40′ W.

Digital cartography by C.A. San Juan.
Data tracking number GS970608314421.001

SCALE 1:6000
CONTOUR INTERVAL 10 FEET
500 0 500 1000 1500 2000 FEET
150 0 150 300 450 600 METERS

GEOLOGIC MAP OF THE PAINTBRUSH CANYON AREA, YUCCA MOUNTAIN, NEVADA

by

Robert P. Dickerson and Ronald M. Drake II

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