

EXPLANATION

AGE
(m.y.)

QUATERNARY

QTac

Alluvium and colluvium
UNCONFORMITY

Tfpp Tfpp

Rhyolite of Pinnacles Ridge
Tfpp, lava flows; Tfpp, pyroclastic rocks

Tfcp Tfcp

Rhyolite of Combs Peak
Tfcp, lava flows; Tfcp, pyroclastic rocks

Tfvp Tfvp

Rhyolite of Vent Pass
Tfvp, lava flows; Tfvp, pyroclastic rocks

Tfbf Tfbf

Rhyolite of Black Glass Canyon
Tfbf, lava flows; Tfbp, pyroclastic rocks

Tbd

Basalt dikes of Yucca
Mountain

10

UNCONFORMITY

Tmrw Tmrn

Rainier Mesa Member
Tmrw, welded tuffs; Tmrn, nonwelded tuffs

11.5

bt

Bedded tuff

Twf Twp

Rhyolite of Windy Wash
Twf, lava flows; Twp, pyroclastic rocks

UNCONFORMITY

ccr

cap rock

cuc

upper cliff

cul

upper lithophysal

cuks

upper clinkstone

cml

middle lithophysal

clks

lower clinkstone

clc

lower cliff

cgks

gray clinkstone

crks

red clinkstone

cli

lower lithophysal

chl

hackly lithophysal

ch

hackly

cc

columnar

bt

Bedded tuff

ymu

ymm

yml

ym

undifferentiated

ymu, upper; ymm, middle; yml, lower

rz

Rhyolite flow

bt

Bedded tuff

pcu

pcm

pcl

pc

undifferentiated

pcu, upper; pcm, middle; pcl, lower

bt

Bedded tuff

tc

caprock

tr

rounded

ttl

thin lithophysal

Northwestern Central Southeastern

tul

upper lithophysal

ttl

lower lithophysal

trl

red lithophysal

tl

lithophysal

tul

upper lithophysal

tu

undifferentiated

tgnl

gray nonlithophysal

to

orange

tnl

nonlithophysal

tb

brick

tob

orange brick

tobl

orange brick lithophysal

tob

orange brick

tbob

brownish-orange brick

tpbl

purplish-brown lithophysal

trbb

reddish-brown brick

tbol

brownish orange lithophysal

13.5

tm

mottled

tv

vitrophyre

tpw

partially welded

UNCONFORMITY

Tha Thf Tht

Tuffaceous beds of Calico Hills

Tha, auto-brecciated lava flows; Thf, lava flows; Tht, ash-flow tuffs

UNCONFORMITY

Tcpu Tcpp Tcpm

Tcpu, undifferentiated; Tcpp, partially welded; Tcpm, moderately welded

bt

Bedded tuff

Tcb

Bullfrog Member

14

TIMBER MOUNTAIN TUFF
RAINIER MESA MEMBER

TIVA CANYON MEMBER

YUCCA MOUNTAIN MEMBER

PAH CANYON MEMBER

MEMBER
SPRING

TOPOPAH

CRATER FLAT TUFF

MIOCENE

PAINTBRUSH TUFF

TERTIARY

D-03