



All lithologic units are part of the Oak Spring formation of Miocene (?) or younger

EXPLANATION

tr4	Tuff, pink and white, pumiceous	D	Tuff, red, pumiceous
G	Tuff, greenish-gray, well-bedded, dark-gray to black seams common	C	Tuff, light-gray
F	Tuff, white, few red layers, generally fine	B	Tuff, reddish brown, pumiceous, sandy
E	Tuff, red and gray layers and matting	A	Tuff, red and white, sandy
D	Tuff, light-gray, few red and light-purple layers	tr2	Tuff, red with minor white, reddish-purple bands and matting common in white beds; pisolitic bed at base
C	Tuff, light-gray, greenish-gray, and some red layers; some red lapilli tuff fragments	A	Tuff, generally white, reddish-brown and reddish-purple bands and matting common
B	Tuff, greenish-gray and red	tr1	Tuff, red and light-gray, some pumiceous red beds with abundant hematite
A	Tuff, gray, pumiceous	J	Tuff, red, white bed about 4 feet thick at top; few porcellaneous beds
tr3	Tuff, red, pumiceous; greenish gray with common lithics in lower 15 feet	I	Tuff, gray, pumiceous
C	Tuff, light-gray with bands of pale yellow, red, and purple; common to abundant lithics	H	Tuff, dark brick-red, lithic
B	Tuff, light-gray, mottled and banded with red and purple	G	Tuff, red and white, some scour and fill structure
A	Tuff, light-to dark-red, pumiceous and abundant crystals	F	Tuff, white micaceous at base grades up to red pumiceous
		E	Tuff, red and pink

Joint diagram, contoured in percent of poles; long lines indicate average strike of major joint sets; short lines indicate average strike of minor joint sets. Number is number of poles contoured.

Contact, showing dip
Dashed where gradational or inferred

Fault, showing dip
Number indicates displacement of U, upthrown side; D, downthrown side.
Dashed where inferred

Fault showing relative horizontal movement
Dashed where approximately located

Anticline showing position of crest
Dashed where approximately located

Syncline showing position of trough
Dashed where approximately located

Strike and dip of beds
30° 00'

Survey station

PLEASE REPLACE IN POCKET
IN BACK OF SOUND VOLUME

FIGURE 1—GEOLOGIC MAP OF PART OF THE UI2e TUNNEL SYSTEM, NEVADA TEST SITE, NYE COUNTY, NEVADA

0 100 200 300 400 500 FEET

This report and/or map is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.

