(adjoins figure 2)

EXPLANATION

(continued)

Tos8 — UNIT 8
Tuff, welded; about 270 feet thick; rhyolite to quartz latite. Forms rim rock of mesa.

Tos7 — UNIT 7
Tuff, bedded; about 720 feet thick; mostly loosely cemented and sandy, but upper 35 feet is moderately well cemented pumiceous tuff breccia. Lower 40 to 100 feet forms prominent but discontinuous outcrop.

Tos6 — UNIT 6
Tuff, welded. Not exposed in map area.

Tos5 — UNIT 5
Tuff, bedded; about 120 feet thick; light yellow green. Pumiceous and light weight but forms good outcrop.

Tos4 — UNIT 4
Tuff, bedded; about 285 feet thick; light gray to buff, a few pink beds, especially toward top. Generally compact, and forms good outcrop.

Oak Spring formation — Miocene(?) — TERTIARY

Tos3 — UNIT 3
Tuff, bedded; about 100 feet thick; prominent red beds at top and base, pink to buff interbeds. Good ledge former.

Tos2 — UNIT 2
Tuff, bedded; about 120 feet thick. Mostly light gray to buff but contains occasional thin pink, lavender, to brown beds. Forms fair outcrop.

Tos1 — UNIT 1
Tuff, bedded; about 210 feet thick. Mostly purplish to pinkish red. Generally forms poor outcrop. Locally a basal conglomerate 5 feet thick.

Oak Spring formation — Miocene(?) — TERTIARY

Dn — Nevada formation
Medium to dark gray, hard, dense crystalline limestone. — DEVONIAN

Geologic boundary
Dashed where approximately located

U 200'
D
Fault, showing dip and amount of throw
Dashed where approximate or inferred

27
Dip and strike of beds

Strike of vertical joints

Trends of lineaments
Plotted photogrammetrically. Probably mostly joints but may include some faults.

Note: Surficial deposits (alluvium and talus) not mapped.

Geology annotated on air photos and plotted by multiplex.
Topography by Hycon Aerial Surveys, Inc.

Geology mapped in October 1957, by Wallace R. Hansen

TRUE NORTH
16°
MAGNETIC NORTH

FIGURE 2A. GEOLOGIC MAP OF EAST-CENTRAL MESA SECTOR, AREA 12, NEVADA TEST SITE

200 0 200 400 600 800 FEET

(Contour interval 5 and 25 feet