

EXPLANATION
SEDIMENTARY AND BEDDED VOLCANIC ROCKS

Qal Op

Alluvial fan and playa deposits in central part of valley chiefly sand, silt, pebbles, and cobbles, with some clay and few boulders; common unsorted with stringers and lenses of caliche. Along valley margins extremely heterogeneous, from boulders to sand sized particles of sand or unsorted detritus; in places a coarse dense conglomerate with carbonate matrix. Qal, Playa deposits consist of silt and clay, Op.

Tos

Oak Spring formation. Largely white and light-colored tuff with interbedded and capping layers of dark-colored rhyolite, dacite, andesite, and other few sedimentary rocks near base.

P

Rocks of Paleozoic age, undifferentiated. Includes limestone, dolomite, quartzite, shale, conglomerate, and argillite.

INTRUSIVE IGNEOUS ROCK

Op

Granite porphyry. Pink quartz. Biotite granite with large orthoclase megacrysts.

Mk

Dominantly micrite.

Contact

Dashed where approximately located

Fault

Showing dip, dashed where L-rhazib; dotted where concealed, U, stream; J, D, upstream side; ?, doubtful

Thrust fault

T, upper plate

Showing direction of plunge

Showing direction of plunge

Axis of overturned syncline

Contour showing depth to mean cone of saturation

500'

Test pit

Figure 1, left of symbol shows depth of hole in feet

Well 7

Well 3

Upper figure is surface of water surface - feet above sea level. 4, meters to left of symbol show depth of water and depth of well

True N. 87 1/4

Magnetic North



Rise from Hibbard and Johnson, 1952
Roads from Holmes and Narver, Inc., 1957

FIGURE 1. GENERALIZED GEOLOGIC AND HYDROLOGIC MAP OF YUCCA AND FRENCHMAN VALLEYS, NYE, AND CLARK COUNTIES, NEVADA

Scale 1:63,360

