

EXPLANATION

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| <p>Qa</p> <p>Alluvial, colluvial, and lacustrine deposits</p> <p>Sand, gravel, and clay, principally of fluvial origin; locally includes terrace gravel of Tertiary to Quaternary age, lower part at places possibly of Tertiary age</p> | <p>QUATERNARY</p> |
| <p>Tv</p> <p>Volcanic rocks</p> <p>Tuffs, flows, domes, and cinder cones</p> | <p>TERTIARY</p> |
| <p>Tcl</p> <p>Clastic sediments</p> <p>Varied rocks, largely clastic but including some limestone</p> | <p>PALEOZOIC AND MESOZOIC</p> |
| <p>Pzca</p> <p>Carbonate rocks</p> <p>Limestone and dolomite</p> | <p>PALEOZOIC</p> |
| <p>Pzcl</p> <p>Clastic rocks</p> <p>Argillite, shale, and quartzite</p> | <p>PALEOZOIC</p> |
| <p>Pc</p> <p>Metamorphic and igneous rocks</p> <p>Gneiss, schist, and granite</p> | <p>PRECAMBRIAN</p> |
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| <p></p> <p>Contact</p> <p>Dashed where inferred</p> | <p>800</p> |
| <p></p> <p>High-angle fault</p> <p>Showing vertical and horizontal components where known; dashed where approximately located; dotted where concealed; U, upthrown side; D, downthrown side</p> | <p>800</p> |
| <p></p> <p>Thrust or low-angle fault</p> <p>Teeth on upper plate</p> | <p>780</p> |
| <p></p> <p>Shear zone under alluvium</p> <p>Showing inferred vertical and horizontal components of movement; inferred from regional geology and gravity data</p> | <p>760</p> |
| <p></p> <p>Anticline</p> <p>Showing approximate trace of axial plane and direction of plunge of axis</p> | <p>740</p> |
| <p></p> <p>Syncline</p> <p>Showing approximate trace of axial plane and direction of plunge of axis</p> | <p>720</p> |



PLEASE REPLACE IN POCKET IN BACK OF BOUND VOLUME

Base from Army Map Service 20 sheets, Goldfield (NJ 11-8), Caliente (NJ 11-9), Death Valley (NJ 11-11), and Las Vegas (NJ 11-12) 10,000-foot grid; Nevada Coordinate System, Central Zone (600 omitted)

Scale 1:125,000

Geology generalized from geologic maps of the Nevada Test Site by Special Projects Branch, U. S. Geological Survey; of Lincoln County by Tschanz and Pampeyan (1961); and of Clark County by Bowyer, Pampeyan, and Longwell (1958)

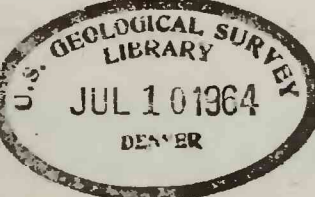


Figure 1. MAP OF THE NEVADA TEST SITE AND VICINITY SHOWING PRINCIPAL ROCK TYPES AND BOUNDARIES OF GEOLOGIC UNITS