EXPLANATION

Qs — Dune sand
Unconsolidated, superficial, wind-blown, fine to medium, some coarse sand

Qp — Playa sediments
Unconsolidated silt and clay, locally some evaporite, water bearing but of low permeability

Qal — Younger alluvium
Unconsolidated gravel, sand, and silt, generally permeable and saturated, principal water bearing formation in the area

Qoa — Older alluvium
Generally unconsolidated, but some cementation and compaction of gravel, sand, and silt, water bearing and moderately permeable

Tc — Tuscan deposits
Somewhat compacted and cemented but generally unconsolidated deposits of cobbles, gravel, sand, and some silt, yield water

Tb — Basalt
Black to gray, fine grained, diabase textured, vesicular basalt, generally non-water-bearing

Tc — Continental deposits
Consolidated deposits of clay, shale, limestone, sandstone, and conglomerate, some tuff and breccia, generally non-water bearing

Tv — Volcanic rocks
Basalt, andesite, perlite, rhyolite, and dacite, generally non-water-bearing

Jgd — Granitic rocks
Consolidated granite, quartz diorite, diorite and gabbro, generally non-water-bearing

pC — Igneous and metamorphic complex
Gneiss, limestone, metavolcanics, schist, and quartzite, non-water-bearing

QUATERNARY — TERTIARY — MESOZOIC — PRECAMBRIAN

Fault, dashed where approximately located, concealed where doubtful; U, upthrown side; D, downthrown side

Axis of anticline and direction of plunge, dashed where approximately located, questioned where doubtful

Axis of syncline and direction of plunge, dashed where approximately located, questioned where doubtful

Strike and dip of beds

Scale 0 2 3 MILES

A 998 — Water well, altitude of water surface in parenthesis where determined

Bl — Flowing well

Pl — Spring

2000 — Water level contour, dashed where uncertain, arrow shows direction of movement, contour interval 10 feet

Datum is mean sea level

Base chiefly from U.S. Geological Survey topographic quadrangle maps

Geology generalized by R.S. Stone from unpublished map by T.W. Dibblee, Jr.

MAP OF THE WESTERN PART OF THE MOJAVE DESERT, CALIFORNIA

SHOWING GEOLOGY, LOCATIONS OF WELLS, WATER-LEVEL CONTOURS, AND ALTITUDES OF WATER SURFACE IN 1953-54

Plate reduced 50%