UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
SAN GORGONIO PASS WATER AGENCY

WATER-SUPPLY PAPER 1999-D
PLATE I

Base from U.S. Geological Survey topographic quadrangle maps, 1966

EXPLANATION

UNCONSOLIDATED DEPOSITS

QUATERNARY — *Holocene*

Qya — Younger alluvium
Angular boulders, sand and cobbles, and small quantities of silt, clay, and windblown sand; yields water readily to wells

Qoa — Older alluvium
Gravel, sand, silt, and clay; poorly sorted; yields moderate quantities of water to wells

TERTIARY(?) AND QUATERNARY — *Pliocene(?) and Pleistocene*

QTcv — Continental deposits
Cobbles, sand, silt, and clay; poorly sorted; include the San Timoteo Beds of Frick (1921) and some volcanic rocks north of the Banning Cabazon area. Yield little water to wells

CONSOLIDATED ROCKS

PRE-TERTIARY

pTb — Basement complex
Gneiss, schist, and quartz monzonite, undifferentiated; may yield small quantities of water from fractures or where deeply weathered

Contact

Fault
Dashed where approximately located, dotted where concealed, queried where existence is hypothetical

Boundary of the San Gorgonio Pass Water Agency

INDEX MAP OF CALIFORNIA
0 100 MILES
San Gorgonio Pass Water Agency Area

INDEX TO TOPOGRAPHIC QUADRANGLE MAPS
REDLANDS 1954 · SAN GORGONIO MOUNTAIN 1954 · MORONGO VALLEY 1955 · PERRIS 1942 · BANNING 1956 · PALM SPRINGS 1957

APPROXIMATE MEAN DECLINATION, 1971

SCALE 1:62 500
1 ½ 0 1 2 3 MILES
1 .5 0 1 2 3 KILOMETERS
DATUM IS MEAN SEA LEVEL

Geology compiled and modified by R. M. Bloyd, Jr. from published maps by Allen (1957), Burnham and Dutcher (1960), Dibblee (1964), and California Division of Mines (1965)

MAP SHOWING RECONNAISSANCE GEOLOGY, SAN GORGONIO PASS WATER AGENCY AREA, SOUTHERN CALIFORNIA

420-144 O - 71 (In Pocket)