UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER-SUPPLY PAPER 1656
PLATE 10

## EXPLANATION

Na+K, Ca, Mg, Cl+NO3+F, SO4, HCO3+CO3

31/16-36A1 Well No

0 100 500 1000 2000 3000 4000 5000 10,000
SCALE OF RADII

Area of circle indicates mineral concentration (excluding silica), in parts per million

*All analysis plotted on geochemical graphs, figures 19 and 20*

East-side waters

Transition waters

West-side waters

Axial waters

Waters of the older rocks

Probable boundary between ground-water subtypes

Consolidated and semiconsolidated rocks bordering the valley

Ground-water barrier
*Queried where uncertain*

A1
Well shown on geochemical section

A —— A'
Alinement of geochemical sections
Shown on plate 11

16°
TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1964

95 29/25-2M
262 29/28-28E1
491 29/29-36M2
748 30/28-12A1
388 30/29-28H1
631 30/30-13K Caliente Creeks 4 mi NE
428 31/28-2D1
269 31/27-9H1
985 31/25-16J1
248 31/25-13B1
5120 31/24-26M1
180 31/16-36A1
331 31/30-17E1
359 31/30-23A Unnamed Creek 3 mi E
616 31/29-34A1
253 31/30-32C1
7630 32/23-14A Sandy Creek
3540 32/25-20P1
1988 32/27-17N1
251 32/28-12F1
2960 11/24-2A Bitterwater Creek
5480 11/23-9A Bitter Creek
3280 11/23-12B Santiago Creek
1080 12/22-36R1
1550 11/21-12G1
681 11/21-11Q1
1000 11/20-10Q2
8840 11/24-29 Bitterwater Creek
2370 11/21-27C Pleito Creek
1400 11/22-36 San Emigdio Creek
324 11/19-15Q1
674 11/18-9R Caparell Creek
297 269 11/18-20R Tunis Creek 11/18-27G1
2440 11/19-31M Tecuya Creek
386 11/19-36 Pastoria Creek
576 10/19-32A Grapevine Creek 1.5 mi SW

Buena Vista Lake Bed
Kern Lake Bed
ELK HILLS
VISTA HILLS
BUENA VISTA HILLS
WHEELER RIDGE
SAN EMIGDIO MOUNTAINS
TEHACHAPI MOUNTAINS
Tejon Valley
BAKERSFIELD
Ford City
Taft
Maricopa
Arvin
Lamont

R. 27 E. 119°00′ R. 28 E. 118°55′ R. 29E. 118°50′ R. 30 E. 118°45′
T. 28 S. 35°25′ T. 29 S. 35°20′ T. 30 S.
119°30′ R. 23 E. 119°25′ R. 24 E. 119°20′ R. 25 E. 119°15′ R. 26 E. 119°10′ 119°05′ R. 27 E. 35°15′ T. 31 S. 35°10′ T. 32 S.
T. 12 N. 35°05′ T. 11 N. 35°00′ T. 10 N. 34°55′
119°30′ R. 25 W. 119°25′ R. 24 W. 119°20′ R. 23 W. 119°15′ R. 22 W. 119°10′ R. 21 W. 119°05′ R. 20 W. 119°00′ 118°55′ R. 19 W. 118°50′ R. 18 W. 118°45′

2 0 2 4 6 MILES

# MAP OF THE EDISON-MARICOPA AREA, CALIFORNIA, SHOWING CHEMICAL QUALITY OF TYPICAL SURFACE AND GROUND WATERS

714-848 O - 64 (In pocket)