UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
CALIFORNIA DEPARTMENT OF WATER RESOURCES

WATER SUPPLY PAPER 2046
PLATE 13

Base from U.S. Geological Survey
1:250,000 quadrangles

EXPLANATION

- UNCONSOLIDATED DEPOSITS
- BOUNDARY OF LACUSTRINE DEPOSITS
- CONSOLIDATED ROCKS
- CONTACT
- FAULT
- FAULT ZONE USED IN MODEL
- MODEL BOUNDARY
  - PRINCIPAL AQUIFER
  - DEEP AQUIFER
  - PRINCIPAL AND DEEP AQUIFER COMBINED
- 2260 — POTENTIOMETRIC CONTOUR – Shows hydraulic head computed by the model. Solid line is contour for principal aquifer. Dashed line is contour for deep aquifer. Interval, in feet, is variable. Datum is mean sea level
- POTENTIOMETRIC DIFFERENTIAL – Shows difference in hydraulic head, in feet, between the principal aquifer and the deep aquifer. A positive differential indicates a greater head in the principal aquifer than in the deep aquifer
  - Greater than 20
  - 10 to 20
  - 0 to 10
  - -10 to 0
  - -20 to -10
  - Less than -20

Note: To obtain meters multiply by 3.048×10^{-1}

SCALE 1:125 000
2 1 0 2 4 6 8 10 MILES
2 1 0 2 4 6 8 10 KILOMETERS

POTENTIOMETRIC MAP FOR 1961 COMPUTED BY THE MATHEMATICAL MODEL OF THE PRINCIPAL AND DEEP AQUIFERS, ANTELOPE VALLEY, CALIFORNIA

Interior – Geological Survey, Reston, Va. – 1978 – W77134

Geology modified after Bloyd, 1967