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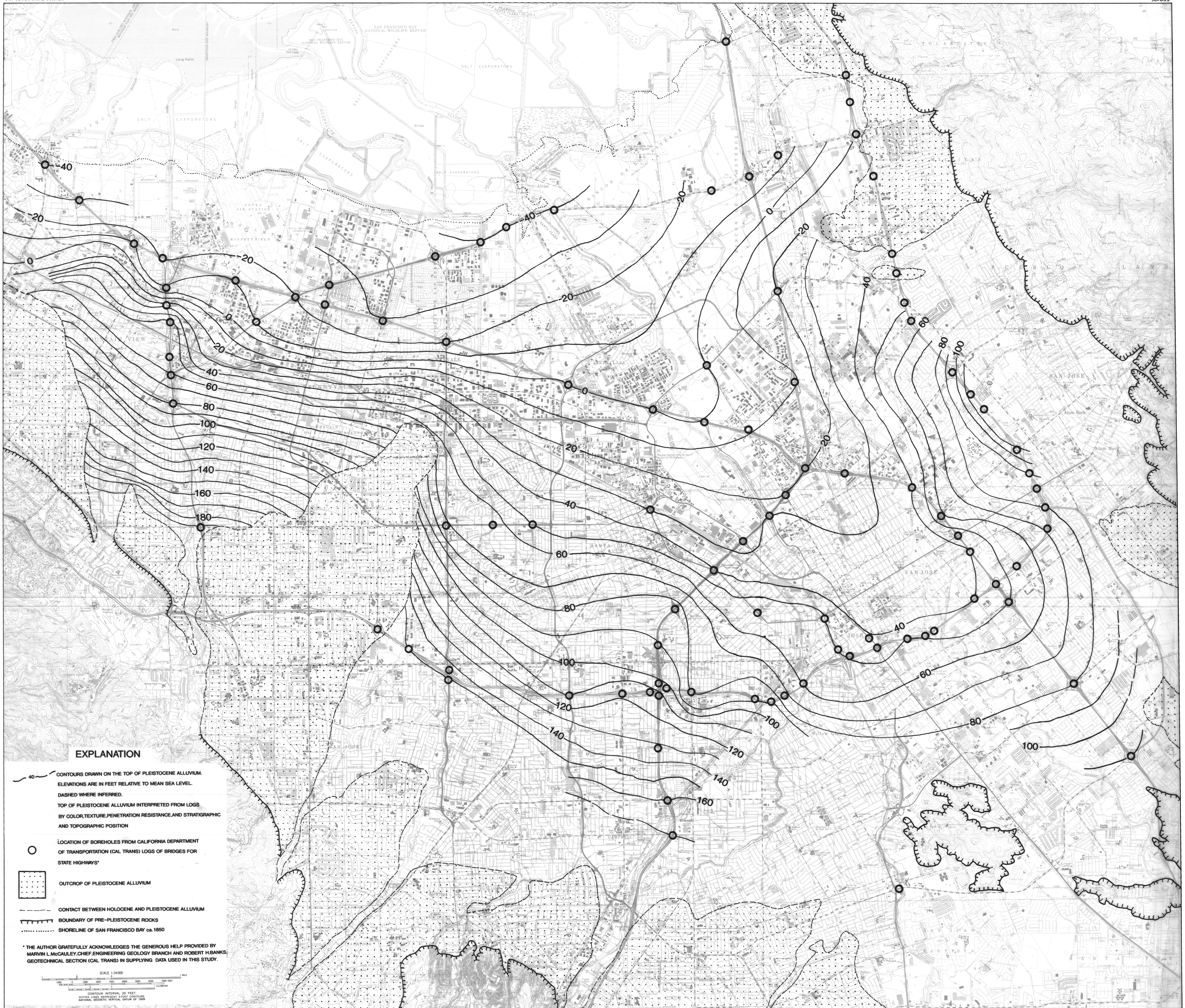

EXPLANATION

CONTOURS DRAWN ON THE TOP OF PLEISTOCENE ALLUVIUM. ELEVATIONS ARE IN FEET RELATIVE TO MEAN SEA LEVEL. DASHED WHERE INFERRED. TOP OF PLEISTOCENE ALLUVIUM INTERPRETED FROM LOGS BY COLOR, TEXTURE, PENETRATION RESISTANCE, AND STRATIGRAPHIC AND TOPOGRAPHIC POSITION

LOCATION OF BOREHOLES FROM CALIFORNIA DEPARTMENT OF TRANSPORTATION (CAL TRANS) LOGS OF BRIDGES FOR STATE HIGHWAYS*

OUTCROP OF PLEISTOCENE ALLUVIUM

CONTACT BETWEEN HOLOCENE AND PLEISTOCENE ALLUVIUM

BOUNDARY OF PRE-PLEISTOCENE ROCKS

SHORELINE OF SAN FRANCISCO BAY ca. 1850

* THE AUTHOR GRATEFULLY ACKNOWLEDGES THE GENEROUS HELP PROVIDED BY MARVIN L. McCAULEY, CHIEF, ENGINEERING GEOLOGY BRANCH AND ROBERT H. BANKS, GEOTECHNICAL SECTION (CAL TRANS) IN SUPPLYING DATA USED IN THIS STUDY.

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

TOPOGRAPHIC BASE COMPILED FROM MOUNTAIN VIEW, MILPITAS, CALAVERAS RESERVOIR, CUPERTINO, SANJOSE WEST AND SAN JOSE EAST 7 1/2 MINUTE QUADRANGLES

AREA OF MAP
CALIF.

PRELIMINARY CONTOUR MAP SHOWING ELEVATION OF SURFACE OF PLEISTOCENE ALLUVIUM UNDER SANTA CLARA VALLEY, CALIFORNIA

BY E.J.HELLEY

1990

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