OPEN-FILE REPORT 81-966
O.F.R. 80-19 L.A.

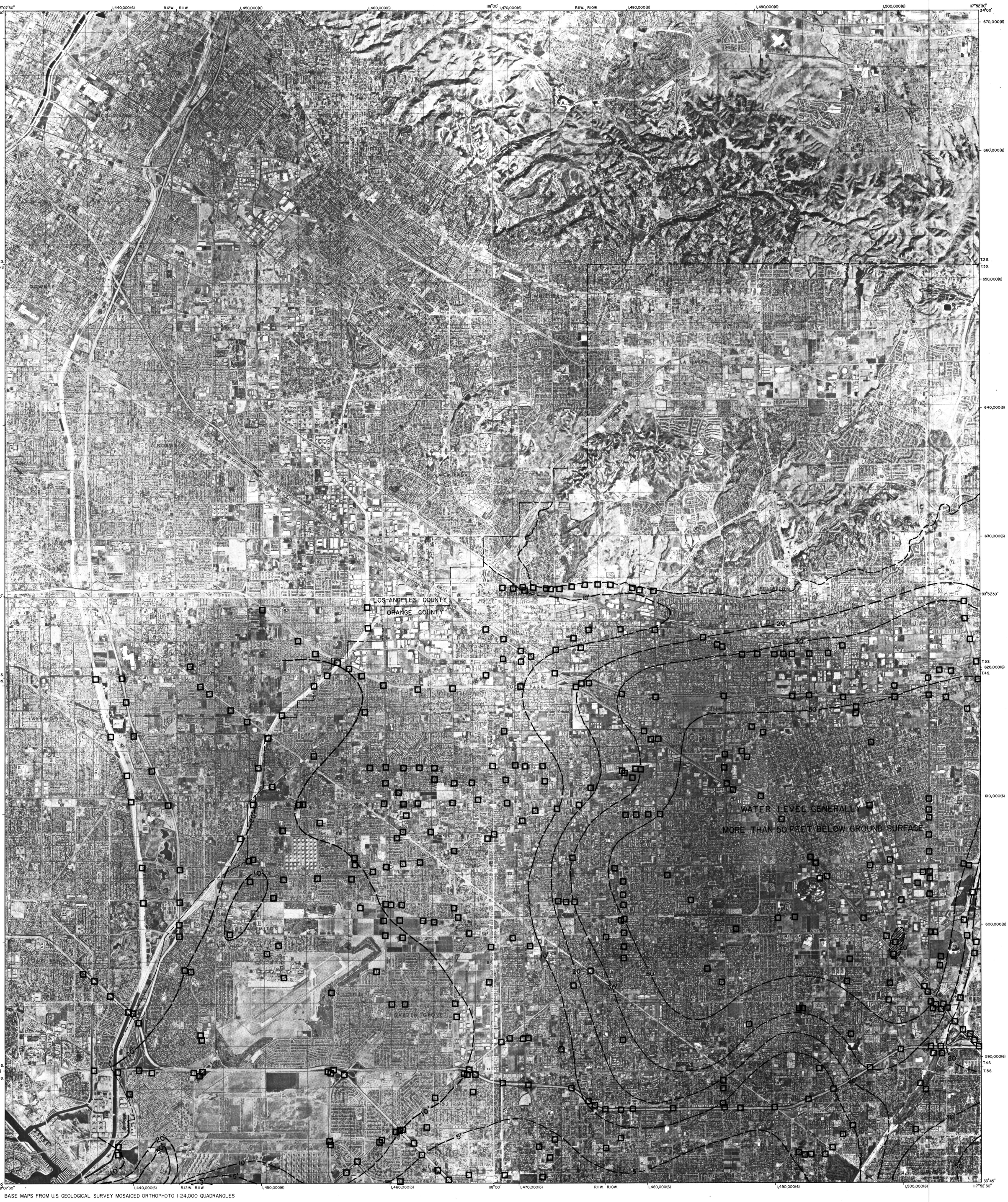
CALIFORNIA DIVISION OF MINES AND GEOLOGY
JAMES F. DAVIS, STATE GEOLOGIST

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF CONSERVATION

RESEARCH SPONSORED BY THE UNITED STATES GEOLOGICAL SURVEY,
DEPARTMENT OF INTERIOR, UNDER U.S.G.S. CONTRACT 14-08-0001-18241

PREPARED IN COOPERATION WITH THE COUNTY OF ORANGE, CALIFORNIA,
ENVIRONMENTAL MANAGEMENT AGENCY COOPERATIVE AGREEMENT NO.5-0052

ANNUAL TECHNICAL REPORT
F.Y. SEPT. 19, 1979 - SEPT. 18, 1980
PLATE NO. 1 MAP NO. 1



BASE MAPS FROM U.S. GEOLOGICAL SURVEY MOSAICED ORTHOPHOTO 1:24,000 QUADRANGLES

CLASSIFICATION AND MAPPING OF QUATERNARY SEDIMENTARY DEPOSITS FOR PURPOSES OF SEISMIC ZONATION, SOUTH COASTAL LOS ANGELES BASIN, ORANGE COUNTY, CALIFORNIA

SECOND YEAR INTERIM REPORT

INVESTIGATORS: EDWARD C. SPROTTE, DAVID R. FULLER AND RICHARD B. GREENWOOD

PERIOD ENDING SEPTEMBER 18, 1980.

ISOBATH MAP OF NEAR-SURFACE WATER,
PORTION OF ORANGE COUNTY, CALIFORNIA

LEGEND

- 10' — Line of approximate equal depth to free water and/or high water saturation below the ground surface.
- Point of control provided by an investigative boring or well.
- Limit of investigation, usually the edge of unconsolidated sediments.
- County boundary line.
- 20' — Approximate area of localized near-surface water, (i.e., occurrence of a perched water table).

NOTE: AN EXPLANATORY TEXT IS PROVIDED ON PLATE 3.

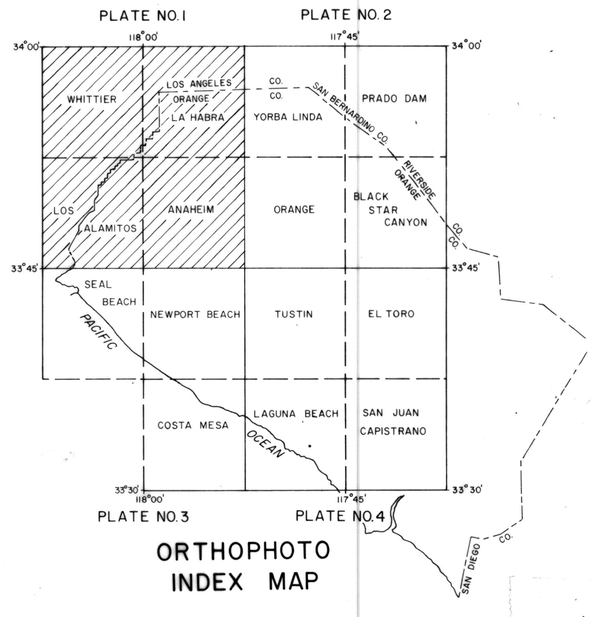
SCALE 1:48,000

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

N



ORTHOPHOTO INDEX MAP