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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. 5

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.

TALBERT AND BOLSA AQUIFER MAP

LEGEND

- +25/50 — Point of control obtained from a water well or investigative test boring log. The upper value is the elevation at the top of the aquifer in feet, with respect to mean sea level. The lower value is the thickness of the aquifer in feet. The notation N.V. in place of the lower value indicates no value due to a lack of total aquifer penetration or a log description too general to make a reliable thickness determination.
- 0 — Point of control where the aquifer is not present.
- +25' — Line of equal elevation in feet, with respect to mean sea level, of the top of the aquifer.
- 50' — Line of equal thickness of the aquifer in feet.
- Approximate areal extent of the aquifer system.
- County boundary line.

NOTE: AN EXPLANATORY TEXT IS PROVIDED ON PLATE NO. 3.

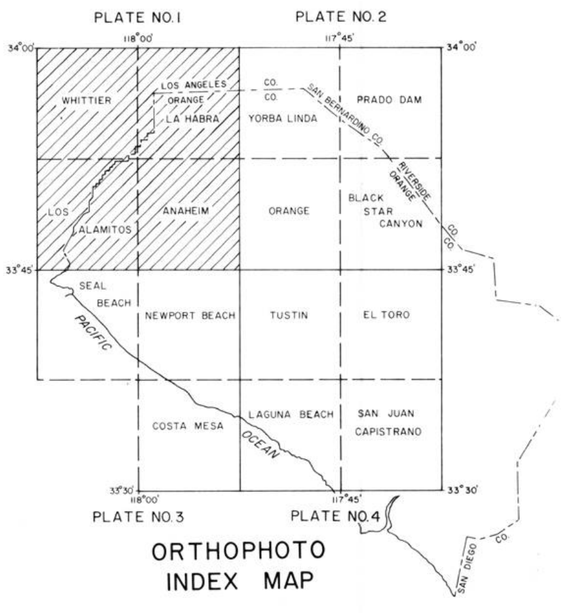
SCALE 1:48,000

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