



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

Interpretation by:
Richard B. Greenwood

This map interpretation of the approximate shallowest depth of free water, or high water saturation below the ground surface, is based on relatively recent observations. These observations include investigative construction borings undertaken subsequent to 1955 and wells drilled after 1920. The occurrence and extent of present and historic surface water has been determined from U.S. Geological Survey orthophoto maps dated 1974 and topographic maps dating from 1901 to 1972.

The display presented is biased toward a conservative estimate of present and future near-surface water occurrence.

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

- 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.

SCALE 1:48,000

