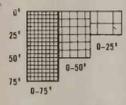


EXPLANATION

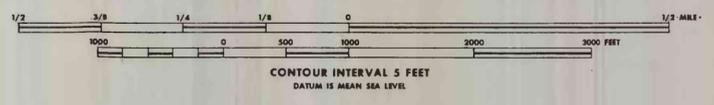
- Recent
 - Qa1 Alluvial and coastal deposits
Sand, gravel, silt, and clay within the coastal gaps and along the coast
- UNCONFORMITY
- Pleistocene
 - Qpu Terrace cover, Palos Verdes Sand, and unmined deposits
 - Reddish-brown, nonfossiliferous, continental sand; and fossiliferous marine silt, sand, and gravel on and along the edges of mesas
- QUATERNARY
- Thickness of surficial sand
 - 0" 0-25'
 - 25" 0-50'
 - 50" 0-50'
 - 75" 0-50'
- Approximate geologic contact
- Trace of fault
- Dashed where approximately located or concealed; U, upstream side; D, downstream side
- Private or industrial well for which log is available
Number indicates location as explained in figure 2
- California Department of Water Resources observation well
- Foundation or construction test hole
- U.S. Geological Survey test hole
- U.S. Geological Survey test hole and observation well



AREA OF FIGURE 13

P A C I F I C O C E A N

MAP OF SUNSET GAP, ORANGE COUNTY, CALIFORNIA, SHOWING GEOLOGY, LOCATION OF WELLS AND TEST HOLES, AND THICKNESS OF SURFICIAL SAND



BASE MAP FROM U.S. GEOLOGICAL SURVEY 779-MNP/ITE
TOPOGRAPHIC QUADRANGLE: SEAL BEACH, 1950

GEOLOGY AFTER POLAND AND PIPER, 1954,
WELL AND TEST-HOLE LOCATIONS BY
J. A. MORELAND