DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN FILE MAP
75-596

118°00'

33° 30'

LOS ANGELES RIVER
SAN GABRIEL RIVER
SANTA ANA RIVER
Pt. Fermin
SAN PEDRO BAY
SAN PEDRO VALLEY
ESCARPMENT
Huntington Beach
Lido Island
Newport Beach
Balboa Island
Lasuen Knoll
faults may offset base Holocene
All faults may offset base Holocene
Seafloor slope change
Seafloor slope change
Seafloor slope change
Possible Holocene landslide
LUD
N
0 5 10 naut. mi.
0 5 10 Km.

EXPLANATION

APPROXIMATE LIMIT OF HOLOCENE SEDIMENTS

THICKNESS CONTOURS
(CONTOUR INTERVAL 5 METRES)

FAULT THAT CUTS HOLOCENE SEDIMENTS
U, UPTHROWN SIDE; D, DOWNTHROWN SIDE
OFFSET SEA FLOOR, SYMBOL ON DOWNTHROWN SIDE
CUTS TO SEA FLOOR ▲ OFFSETS BASE HOLOCENE

POSSIBLE SLUMP OR LANDSLIDE

APPROXIMATE BOUNDARIES OF PROPOSED LEASE SALE AREA
(from Vedder and others, 1974)

PLATE 14. ISOPACH MAP OF HOLOCENE SEDIMENTS IN THE SAN PEDRO SHELF PROPOSED LEASE SALE AREA AND ADJACENT STATE LANDS

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey standards and nomenclature.