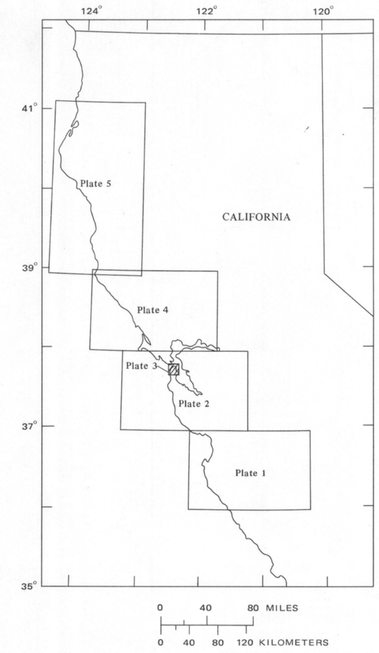
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PROFESSIONAL PAPER 993
PLATE 3

EXPLANATION

Failure type is indicated by the following symbols. Quotations describing these ground failures are found in table 7

- Hillside landslides including rotational slumps, block glides, debris avalanches, and rockfalls
- Streambank landslides including rotational slumps and soil falls
- Lateral spread
- Ground settlement
- Ground cracks not clearly associated with landslides lateral spreads, settlement, or primary fault movements
- Sand boils
- Absence of ground failure noted
- Miscellaneous effects
- Cracks in streets and pipeline breaks
- Arrows showing extent of area affected. Symbol shows failure type
- 195 Location number assigned to each reported ground failure site. Corresponding number found in table 7
- Old shoreline before development from Nichols and Wright, 1971



Base from U.S. Geological Survey
San Francisco North and San Francisco South

APPROXIMATE MEAN DECLINATION, 1978

SCALE 1:24 000

CONTOUR INTERVAL 25 FEET
DASHED LINES REPRESENT 5-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL
DEPTH CURVES IN FEET-DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 4 FEET

☆ Interior – Geological Survey, Reston, Va. – 1978 –G76254

LOCATION MAP OF GROUND FAILURES IN SAN FRANCISCO CITY AND COUNTY