UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LA JOLLA QUADRANGLE
CALIFORNIA—SAN DIEGO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 5a (FER-216). Fault features and other significant localities along the Mount Soledad, Rose Canyon and Mission Bay faults of the Rose Canyon fault zone on the La Jolla 7.5 minute quadrangle. Yellow highlighting indicates faults recommended for Special Studies Zone. Numbers in circles are localities discussed in the text.

EXPLANATION

faults or possible fault-related features: solid line where accurately located; dashed line where inferred; dotted line where concealed; hachures on down side of scarp; arrows indicate observed dip (this study or by others).

features interpreted from aerial photos

b/s	break in slope
cd	closed depression
ddr	right-deflected drainage
drr	right-deflected ridge
ld	linear drainage
lt	linear trough
n	notch
pr	pressure ridge
s	saddle
shb	side-hill bench
t	tonal lineament
tr	trough
v	vegetational lineament
	ephemeral drainage displaying deflection or offset
	selected landslides which obscure fault morphology

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and City of San Diego

Topography by photogrammetric methods from aerial photographs taken 1966. Field checked 1967
Supersedes map surveyed 1938–1939, revised 1953

Selected hydrographic data compiled from USC&GS Chart 5060 (1966) and hydrographic surveys 1928 and 1934
This information is not intended for navigational purposes

Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 6
1000-meter Universal Transverse Mercator grid ticks, zone 11, shown in blue

Red tint indicates areas in which only landmark buildings are shown

UTM GRID AND 1975 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Revisions shown in purple compiled from aerial photographs taken 1975. This information not field checked

Purple tint indicates extension of urban areas

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS 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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST