



MAP OF SURFACE BREAKS RESULTING FROM THE SAN FERNANDO, CALIFORNIA, EARTHQUAKE OF FEBRUARY 9, 1971

BY
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CALIFORNIA DIVISION OF MINES AND GEOLOGY
1971

TOPOGRAPHIC BASE MAP BY U.S.G.S.
SCALE 1:24,000
DRAFTED BY A. ENG

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California Division of Mines and Geology
Prepared in cooperation with the Los Angeles County Engineer and the Los Angeles County Flood Control District
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INTRODUCTION
On February 9, 1971, an earthquake of magnitude 6.7 struck the San Fernando area of southern California. The earthquake caused extensive damage to buildings, bridges, and other structures. The California Division of Mines and Geology, in cooperation with the Los Angeles County Engineer and the Los Angeles County Flood Control District, conducted a study of the surface breaks resulting from the earthquake. This report presents the results of that study.

MAP SHOWS SERVICE BREAKS
The following information is included on the map:
1. Surface breaks resulting from the earthquake, including cracks, landslides, and soil failures.
2. The location of the San Fernando Fault Zone, which is the source of the earthquake.
3. The location of the Los Angeles River and San Gabriel River.
4. The location of major roads and highways.
5. The location of major cities and towns in the area.

EXPLANATION
The map uses various symbols and colors to indicate different types of surface breaks. The following table provides a key to these symbols:

Symbol	Description
—	Cracks
—	Landslides
—	Soil failures
—	Other surface breaks