U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

OPEN-FILE REPORT 95 – 62
PLATE 1 OF 2

EXPLANATION

Tension crack. May include broken or patched pavement with mixed or unclear sense of relative movement. Dashed where location is inferred or continuity is poor.

Direction and amount, in cm, of horizontal separation observed on cracks in bare ground.

Crack with normal displacement and amount of vertical separation, where shown, in cm; hachures on downthrown side.

Crack with thrust displacement and amount of vertical separation, where shown, in cm; teeth on upthrown side.

Compressional deformation, as manifested by buckled pavement, tented or overlapping concrete slabs, or spalled curbs; no net vertical displacement observed.

Locality described in text (Localities 1-6 on Plate 2).

(Symbols displayed on Plate 2 only)

Structure "red-tagged" by building inspectors as of 3/16/94. Entry is prohibited.

Structure "yellow-tagged" by building inspectors as of 3/16/94. Only limited entry is permitted.

Tensile failure of gas or water pipeline.

Structure destroyed by fire from gas explosion on Balboa Blvd.

Structure damaged by fire from gas explosion on Balboa Blvd.

Compressive failure of gas or water pipeline.

N

approximate scale
0 50 100 meters

This map is preliminary and has not been reviewed for conformity with U.S. Geological editorial standards or with the North American Stratigraphic Code. Any use of trade, product, or firm names does not imply endorsement by the U.S. Government.

Base photography not orthometrically rectified, contains spacial distortions.

MAP OF SURFACE CRACKS IN THE GRANADA HILLS–MISSION HILLS AREA RESULTING FROM THE JANUARY 17, 1994 NORTHRIDGE EARTHQUAKE

By

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