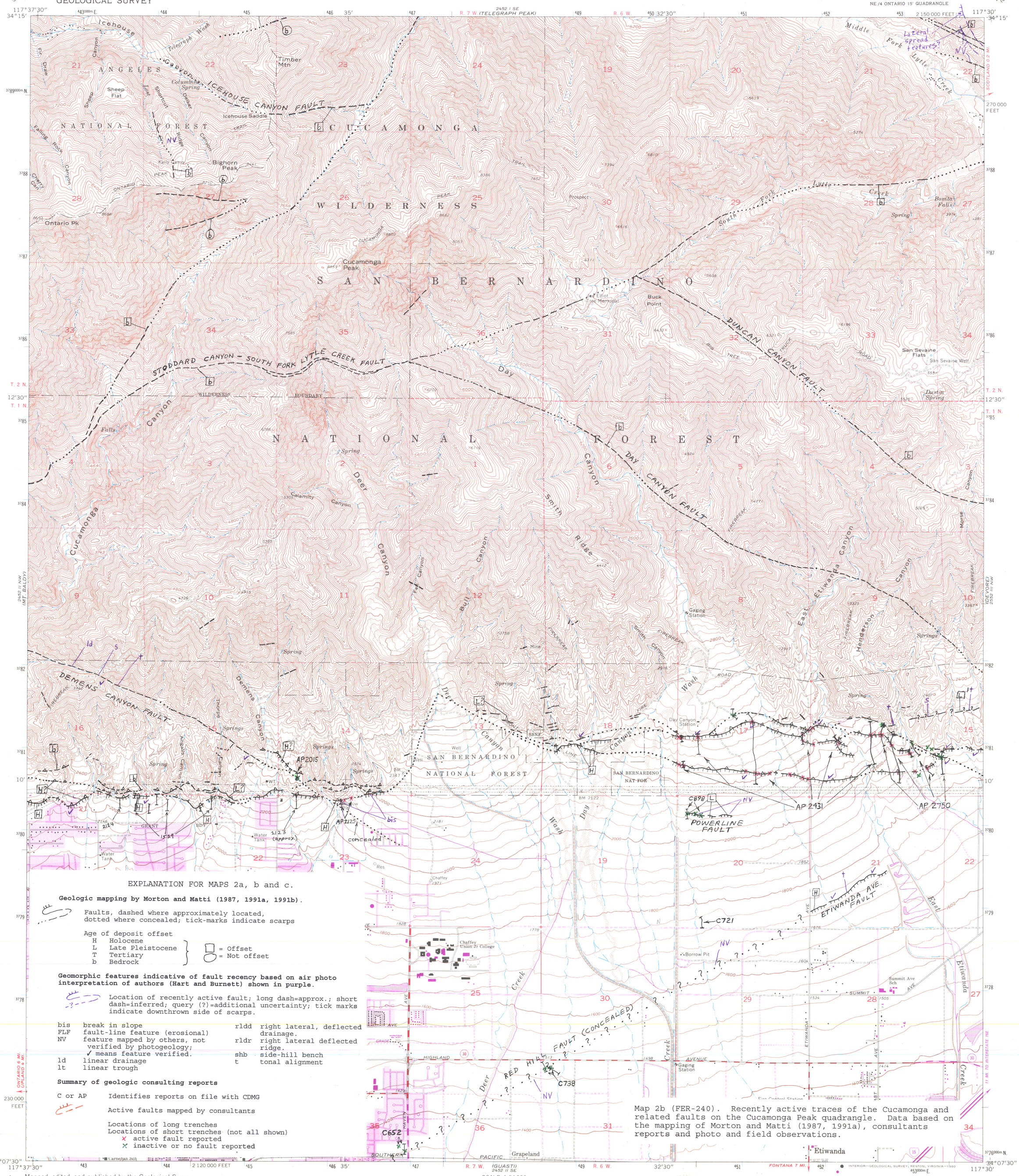
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CUCAMONGA PEAK QUADRANGLE
CALIFORNIA–SAN BERNARDINO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 ONTARIO 15' QUADRANGLE



EXPLANATION FOR MAPS 2a, b and c.

Geologic mapping by Morton and Matti (1987, 1991a, 1991b).

Faults, dashed where approximately located, dotted where concealed; tick-marks indicate scarps

Age of deposit offset
- H Holocene
- L Late Pleistocene
- T Tertiary
- b Bedrock

= Offset
= Not offset

Geomorphic features indicative of fault recency based on air photo interpretation of authors (Hart and Burnett) shown in purple.

Location of recently active fault; long dash=approx.; short dash=inferred; query (?)=additional uncertainty; tick marks indicate downthrown side of scarps.

- bis break in slope
- FLF fault-line feature (erosional)
- NV feature mapped by others, not verified by photogeology; ✓ means feature verified.
- ld linear drainage
- lt linear trough
- rldd right lateral, deflected drainage.
- rldr right lateral deflected ridge.
- shb side-hill bench
- t tonal alignment

Summary of geologic consulting reports

C or AP Identifies reports on file with CDMG

Active faults mapped by consultants

Locations of long trenches
Locations of short trenches (not all shown)
- active fault reported
- inactive or no fault reported

Map 2b (FER-240). Recently active traces of the Cucamonga and related faults on the Cucamonga Peak quadrangle. Data based on the mapping of Morton and Matti (1987, 1991a), consultants reports and photo and field observations.

Mapped, edited, and published by the Geological Survey
Revised in cooperation with California Department of Water Resources

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1952 and planetable surveys 1933. Field checked 1953
Revised from aerial photographs taken 1966. Field checked 1966

CUCAMONGA PEAK, CALIF.
NE/4 ONTARIO 15' QUADRANGLE
N3407.5—W11730/7.5

1966
PHOTOREVISED 1980

ROAD CLASSIFICATION
Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
Interstate Route — U. S. Route — State Route

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1980

240-5