UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

WHITEWATER QUADRANGLE
CALIFORNIA—RIVERSIDE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 PALM SPRINGS 15' QUADRANGLE

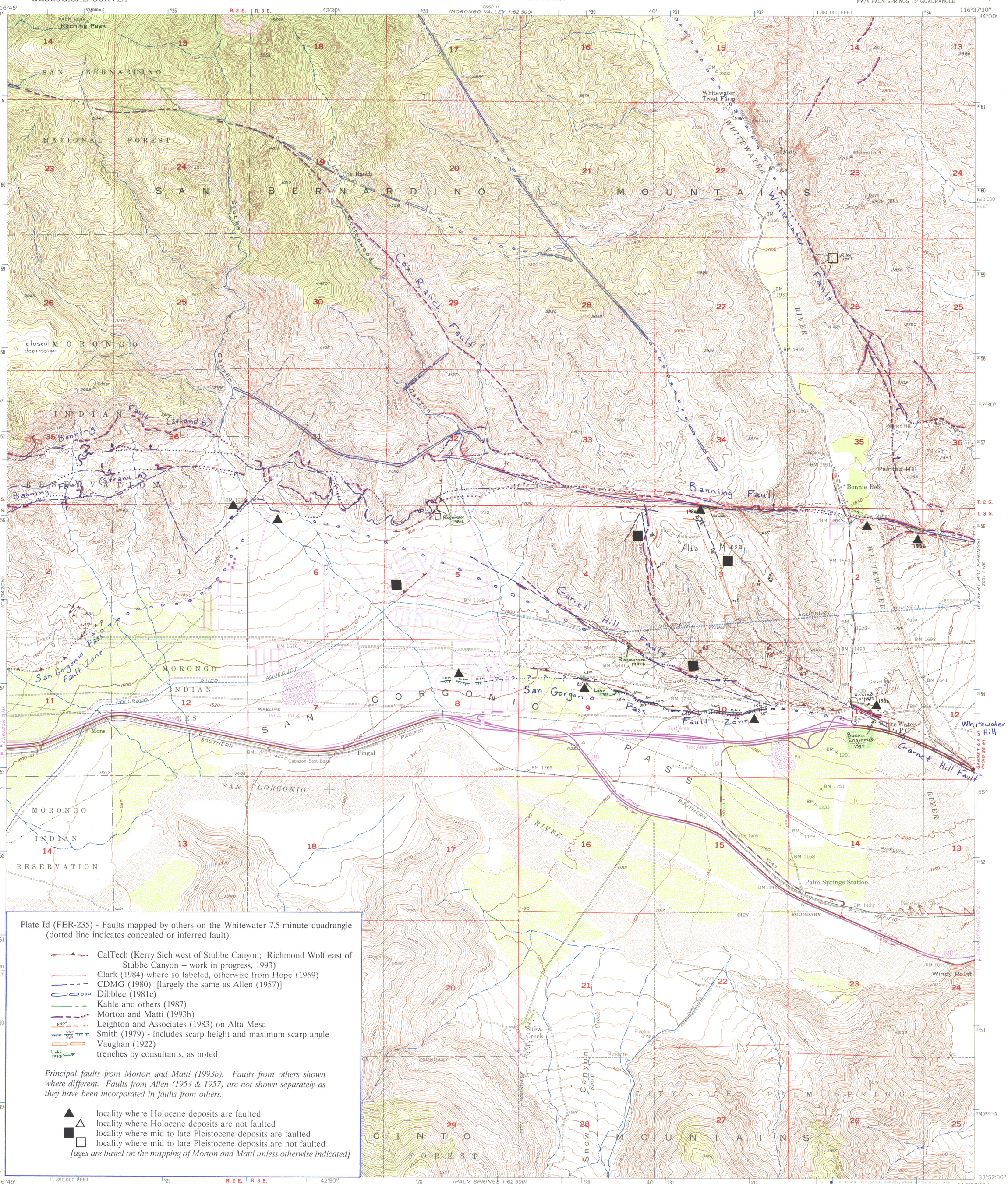

Plate Id (FER-235) - Faults mapped by others on the Whitewater 7.5-minute quadrangle (dotted line indicates concealed or inferred fault).

- CalTech (Kerry Sieh west of Stubbe Canyon; Richmond Wolf east of Stubbe Canyon -- work in progress, 1993)
- Clark (1984) where so labeled, otherwise from Hope (1969)
- CDMG (1980) [largely the same as Allen (1957)]
- Dibblee (1981c)
- Kahle and others (1987)
- Morton and Matti (1993b)
- Leighton and Associates (1983) on Alta Mesa
- Smith (1979) - includes scarp height and maximum scarp angle
- Vaughan (1922)
- trenches by consultants, as noted

Principal faults from Morton and Matti (1993b). Faults from others shown where different. Faults from Allen (1954 & 1957) are not shown separately as they have been incorporated in faults from others.

- locality where Holocene deposits are faulted
- locality where Holocene deposits are not faulted
- locality where mid to late Pleistocene deposits are faulted
- locality where mid to late Pleistocene deposits are not faulted

[ages are based on the mapping of Morton and Matti unless otherwise indicated]

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, USCE, and Metropolitan Water District

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1951. Field check 1955

Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 6

Dashed land lines indicate approximate locations

Unchecked elevations are shown in brown

1000-meter Universal Transverse Mercator grid ticks, zone 11, shown in blue

Revisions shown in purple compiled from aerial photographs taken 1972. This information not field checked

UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

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

WHITEWATER, CALIF.
NW/4 PALM SPRINGS 15' QUADRANGLE
N3352.5—W11637.5/7.5

1955
PHOTOREVISED 1972
AMS 2651 I NW—SERIES V895

Plate Id

235-4