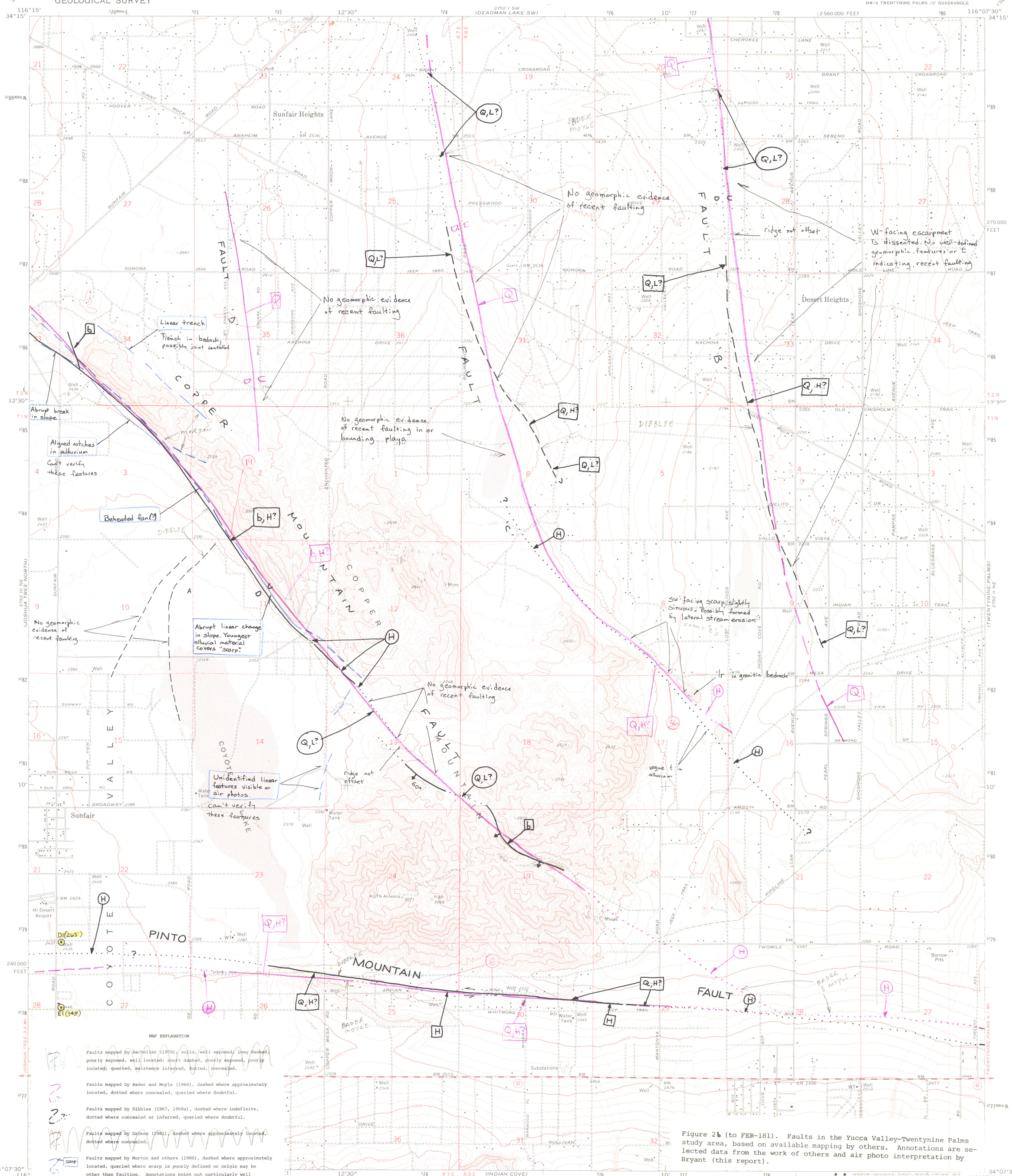
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNFAIR QUADRANGLE
CALIFORNIA—SAN BERNARDINO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 TWENTYNINE PALMS 15' QUADRANGLE



MAP EXPLANATION

Faults mapped by Bacheller (1978); solid, well exposed; long dashed, poorly exposed, well located; short dashed, poorly exposed, poorly located; queried, existence inferred, dotted, concealed.

Faults mapped by Bader and Moyle (1960), dashed where approximately located, dotted where concealed, queried where doubtful.

Faults mapped by Dibblee (1967, 1968a), dashed where indefinite, dotted where concealed or inferred, queried where doubtful.

Faults mapped by Grimes (1981), dashed where approximately located, dotted where concealed.

Faults mapped by Morton and others (1980), dashed where approximately located, queried where scarp is poorly defined or origin may be other than faulting. Annotations point out particularly well developed features.

Faults mapped by Wahler Associates (1984), dashed where inferred, dotted where concealed.

Locality referred to in text.

Location and orientation of trench excavation. Evidence of possible Holocene activity exposed in trench indicated in red. Location of trench less than 100 feet long indicated by x.

Key to faulted & unfaulted deposits

□ -deposit offset H -Holocene L - late Pleistocene
○ -deposit not offset Q -Quaternary b - bedrock

Figure 2b (to FER-181). Faults in the Yucca Valley-Twentynine Palms study area, based on available mapping by others. Annotations are selected data from the work of others and air photo interpretation by Bryant (this report).

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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

QUADRANGLE LOCATION

ROAD CLASSIFICATION
Primary highway, hard surface — Light-duty road, hard or improved surface
Secondary highway, hard surface — Unimproved road
Interstate Route — U. S. Route — State Route

SUNFAIR, CALIF.
NW/4 TWENTYNINE PALMS 15' QUADRANGLE
N3407.5—W11607.5/7.5
1972
AMS 2752 II NW—SERIES V895

181-11