UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RATTLESNAKE CANYON QUADRANGLE
CALIFORNIA—SAN BERNARDINO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 OLD WOMAN SPRINGS 15' QUADRANGLE

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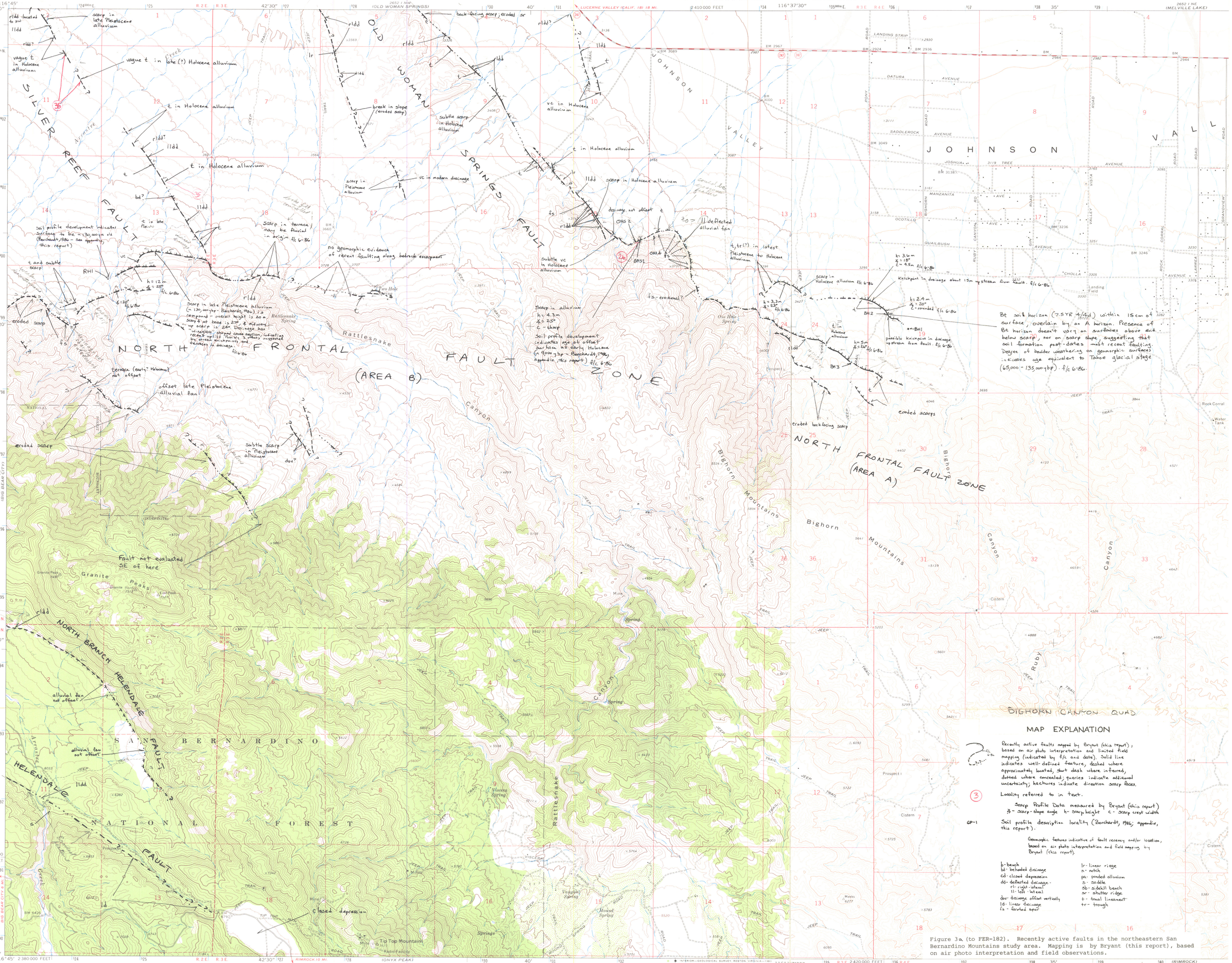

MAP EXPLANATION

Recently active faults mapped by Bryant (this report), based on air photo interpretation and limited field mapping (indicated by f/c and date). Solid line indicates well-defined feature, dashed where approximately located, short dash where inferred, dotted where concealed; queries indicate additional uncertainty; hachures indicate direction scarp faces.

3 — Locality referred to in text.

Scarp Profile Data measured by Bryant (this report)
s - scarp-slope angle h - scarp height c - scarp crest width

SP-1 — Soil profile description locality (Burchardt, 1986; appendix, this report).

Geomorphic features indicative of fault recency and/or location, based on air photo interpretation and field mapping by Bryant (this report).

- b - beach
- bd - beheaded drainage
- cd - closed depression
- dd - deflected drainage - rl - right-lateral, ll - left-lateral
- dov - drainage offset vertically
- ld - linear drainage
- fs - faceted spur
- lr - linear ridge
- n - notch
- pa - ponded alluvium
- s - saddle
- sb - subdell bench
- sc - shutter ridge
- t - tonal lineament
- tr - trough

Figure 3a (to FER-182). Recently active faults in the northeastern San Bernardino Mountains study area. Mapping is by Bryant (this report), based on air photo interpretation and field observations.

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

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1970. Field checked 1972

Projection and 10,000-foot grid ticks: California coordinate system, zone 5 (Lambert conformal conic)
1000-metre Universal Transverse Mercator grid ticks, zone 11, shown in blue. 1927 North American datum
To place on the predicted North American Datum 1983 move the projection lines 2 meters north and 81 meters east as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map

Where omitted, land lines have not been established

UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 40 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

Map photoinspected 1978
No major culture or drainage changes observed

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

RATTLESNAKE CANYON, CALIF.
SW/4 OLD WOMAN SPRINGS 15' QUADRANGLE
N3415—W11637.5/7.5

1972
PHOTOINSPECTED 1978
DMA 2652 I SW—SERIES V895

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182-5