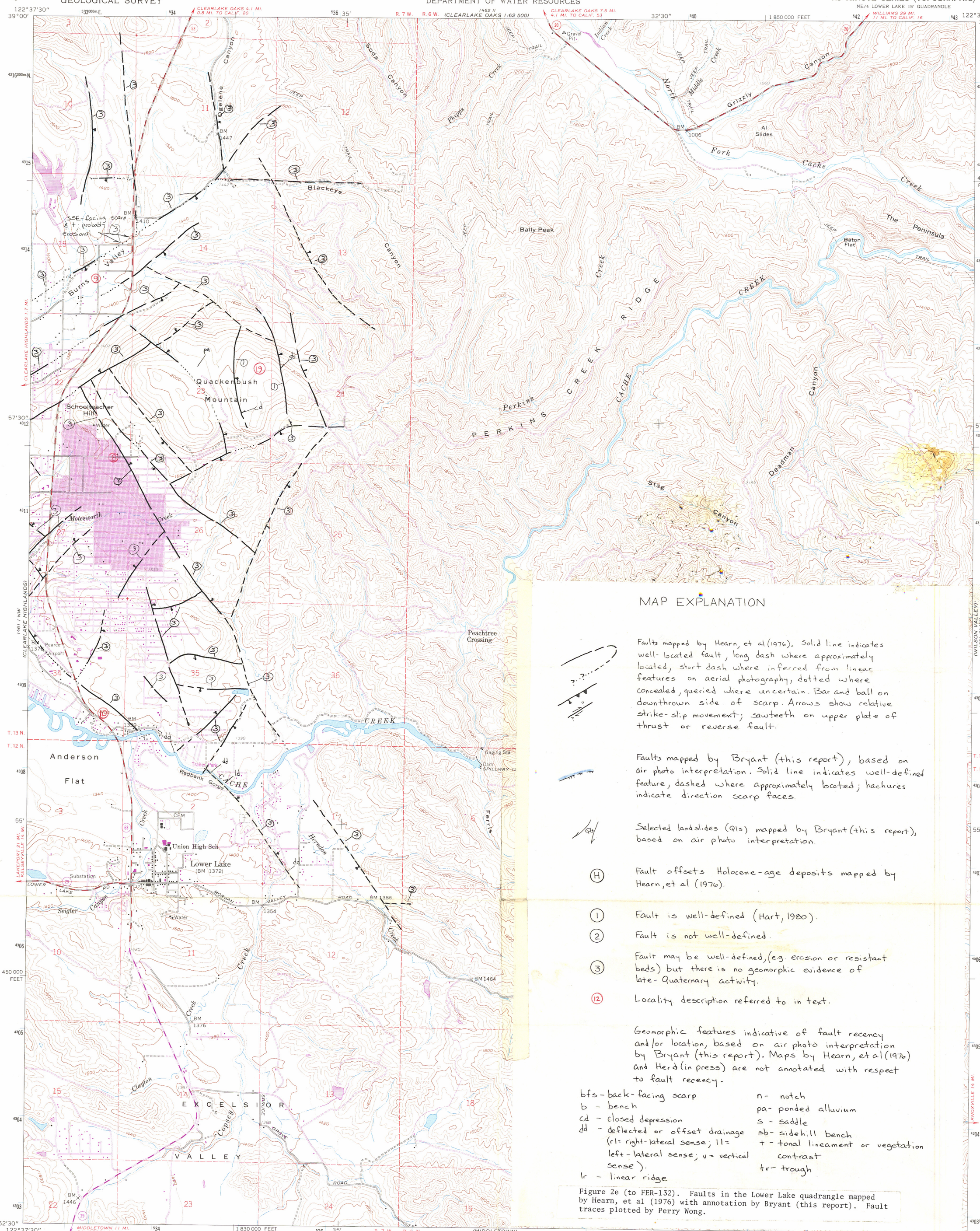
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

LOWER LAKE QUADRANGLE
CALIFORNIA—LAKE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 LOWER LAKE 15' QUADRANGLE



MAP EXPLANATION

Faults mapped by Hearn, et al (1976). Solid line indicates well-located fault, long dash where approximately located, short dash where inferred from linear features on aerial photography, dotted where concealed, queried where uncertain. Bar and ball on downthrown side of scarp. Arrows show relative strike-slip movement; sawteeth on upper plate of thrust or reverse fault.

Faults mapped by Bryant (this report), based on air photo interpretation. Solid line indicates well-defined feature, dashed where approximately located; hachures indicate direction scarp faces.

Selected landslides (Qls) mapped by Bryant (this report), based on air photo interpretation.

(H) Fault offsets Holocene-age deposits mapped by Hearn, et al (1976).

(1) Fault is well-defined (Hart, 1980).

(2) Fault is not well-defined.

(3) Fault may be well-defined, (e.g. erosion or resistant beds) but there is no geomorphic evidence of late-Quaternary activity.

(12) Locality description referred to in text.

Geomorphic features indicative of fault recency and/or location, based on air photo interpretation by Bryant (this report). Maps by Hearn, et al (1976) and Herd (in press) are not annotated with respect to fault recency.

bfs - back-facing scarp
b - bench
cd - closed depression
dd - deflected or offset drainage (rl = right-lateral sense; ll = left-lateral sense; v = vertical sense).
lr - linear ridge
n - notch
pa - ponded alluvium
s - saddle
sb - sidehill bench
+ - tonal lineament or vegetation contrast
tr - trough

Figure 2e (to FER-132). Faults in the Lower Lake quadrangle mapped by Hearn, et al (1976) with annotation by Bryant (this report). Fault traces plotted by Perry Wong.

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1957. Advance field check 1958

Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 2
1000-meter Universal Transverse Mercator grid ticks, zone 10, shown in blue

Dashed land lines indicate approximate locations
Land lines omitted in T. 13 N.–R. 6 W. because of insufficient data

Revisions shown in purple compiled from aerial photographs taken 1975. This information not field checked

Purple tint indicates extension of urban areas

UTM GRID AND 1975 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20-FOOT CONTOURS
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
Medium-duty — Light-duty
Unimproved dirt
State Route

LOWER LAKE, CALIF.
NE/4 LOWER LAKE 15' QUADRANGLE
N3852.5—W12230/7.5

1958
PHOTOREVISED 1975
AMS 1461 I NE—SERIES V895

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1978

132-4