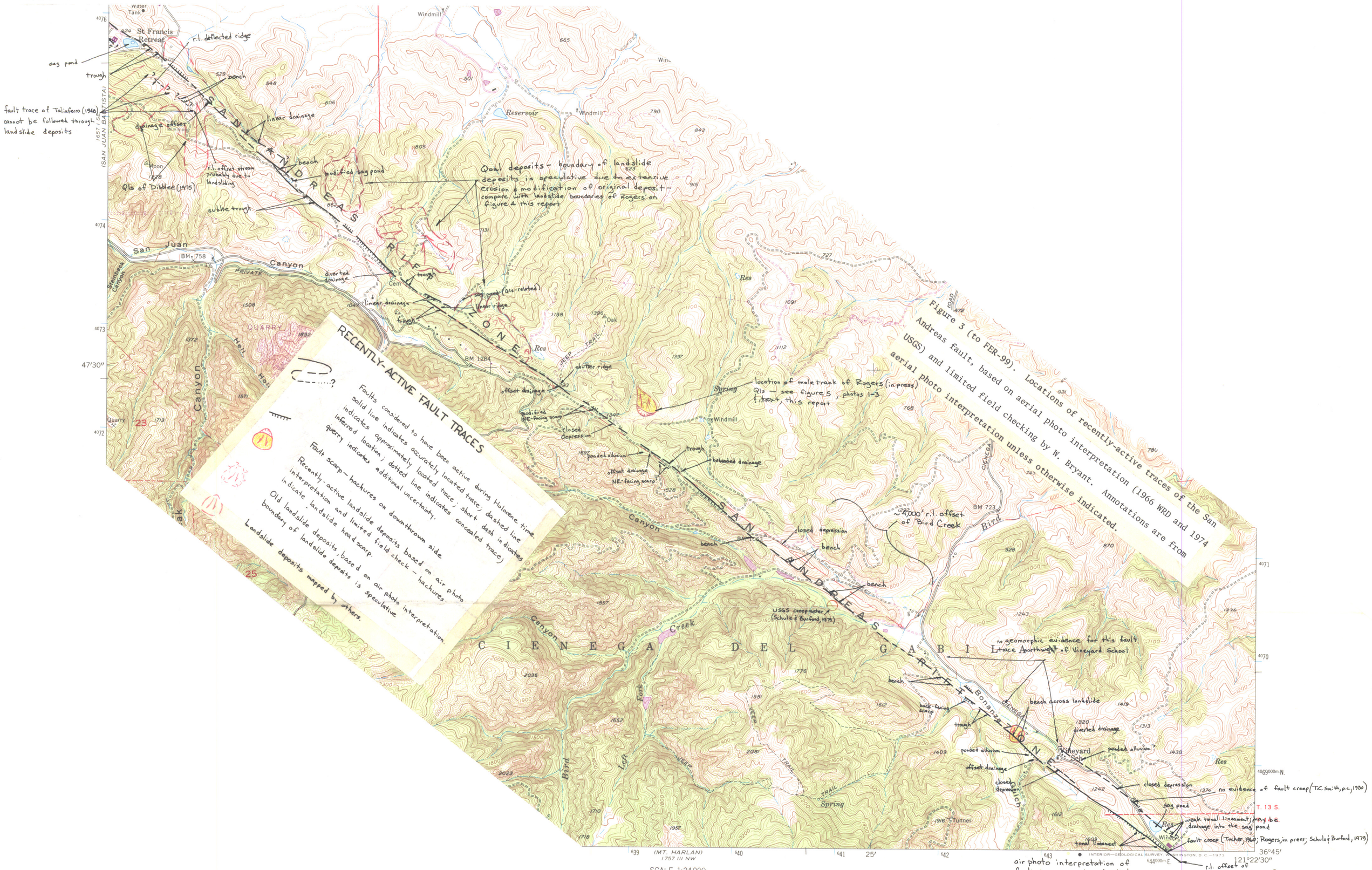
Figure 3 (to FER-99). Locations of recently-active traces of the San Andreas fault, based on aerial photo interpretation (1966 WRD and 1974 USGS) and limited field checking by W. Bryant. Annotations are from aerial photo interpretation unless otherwise indicated.
RECENTLY-ACTIVE FAULT TRACES
Faults considered to have been active during Holocene time.
solid line indicates accurately located trace; dashed line indicates approximately located trace; short dash indicates inferred location; dotted line indicates concealed trace)
queery indicates additional uncertainty.
Fault scarp – hachures on downthrown side
Recently-active landslide deposits based on air photo interpretation and limited field check – hachures.
Landslide head scarp.
Old landslide deposits, based on air photo interpretation, indicate landslide deposits is speculative
Landslide deposits mapped by others.
sag pond
trough
fault trace of Taliaferro (1940) cannot be followed through landslide deposits
r.l. deflected ridge
St Francis Retreat
bench
linear drainage
drainage offset
r.l. offset stream probably due to landsliding
Qls of Dibblee (1975)
sublte trough
modified sag pond
Qoal deposits – boundary of landslide deposits is speculative due to extensive erosion & modification of original deposit – compare with landslide boundaries of Rogers on figure 4 this report
diverted drainage
sag pond (Qls-related)
linear ridge
shutter ridge
offset drainage
modified (NE-facing scarp)
closed depression
ponded alluvium
beheaded drainage
NE-facing scarp
location of mole track of Rogers (in press) Qls – see figure 5, photos 1-3 & text, this report
~4,000' r.l. offset of Bird Creek
closed depression
no geomorphic evidence for this fault trace northwest of Vineyard School
beach across landslide
back-facing scarp
diverted drainage
ponded alluvium
offset drainage
closed depression
no evidence of fault creep (T.C. Smith, p.c., 1980)
sag pond
weak tonal lineament; may be drainage into the sag pond
fault creep (Tocher, 1960; Rogers, in press; Schulz & Burford, 1979)
tonal lineament
r.l. offset of grapevine rows (Steinbrugge & Zacher, 1960)
USGS creepmeter (Schulz & Burford, 1978)
SAN ANDREAS FAULT
SAN ANDREAS FAULT ZONE
Bonanza Ridge
CIENEGA DEL GABILAN
Canyon
Bird Creek
Vineyard Sch
Windmill
Reservoir
Spring
Tunnel
Res
Quarry
T. 13 S.
SCALE 1:24000
1 MILE
7000 FEET
1 KILOMETER
20 FEET
CONTOURS
INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1973
(MT. HARLAN) 1757 III NW
(PAICINES) 1757 III NE
121°22'30"
36°45'
25'
air photo interpretation of fault traces and selected landslide features by W.A. Bryant (May, 1980)
ROAD CLASSIFICATION
Heavy-duty
Medium-duty
Light-duty
Unimproved dirt
State Route
QUADRANGLE LOCATION
CALIF
HOLLISTER, CALIF.
SW/4 HOLLISTER 15' QUADRANGLE
N 3645—W 12122.5/7.5
1955
PHOTOREVISED 1971
99-3