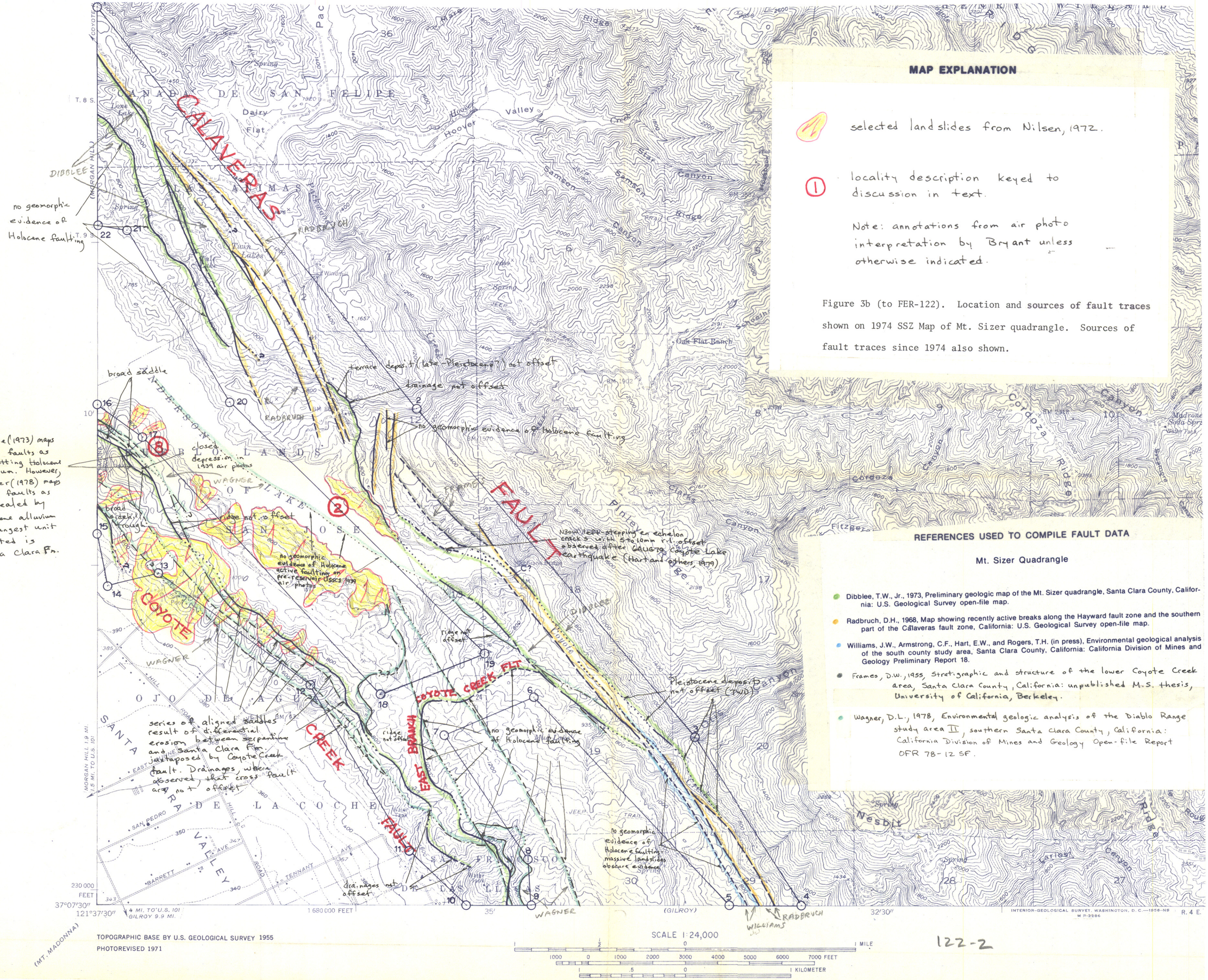
MAP EXPLANATION
selected landslides from Nilsen, 1972.
1 locality description keyed to discussion in text.
Note: annotations from air photo interpretation by Bryant unless otherwise indicated.
Figure 3b (to FER-122). Location and sources of fault traces shown on 1974 SSZ Map of Mt. Sizer quadrangle. Sources of fault traces since 1974 also shown.
REFERENCES USED TO COMPILE FAULT DATA
Mt. Sizer Quadrangle
Dibblee, T.W., Jr., 1973, Preliminary geologic map of the Mt. Sizer quadrangle, Santa Clara County, California: U.S. Geological Survey open-file map.
Radbruch, D.H., 1968, Map showing recently active breaks along the Hayward fault zone and the southern part of the Calaveras fault zone, California: U.S. Geological Survey open-file map.
Williams, J.W., Armstrong, C.F., Hart, E.W., and Rogers, T.H. (in press), Environmental geological analysis of the south county study area, Santa Clara County, California: California Division of Mines and Geology Preliminary Report 18.
Frames, D.W., 1955, Stratigraphic and structure of the lower Coyote Creek area, Santa Clara County, California: unpublished M.S. thesis, University of California, Berkeley.
Wagner, D.L., 1978, Environmental geologic analysis of the Diablo Range study area II, southern Santa Clara County, California: California Division of Mines and Geology Open-file Report OFR 78-12 SF.
CALAVERAS
COYOTE
FAULT
COYOTE CREEK FLT
EAST BRANCH
CREEK
FAULT
no geomorphic evidence of Holocene faulting
Dibblee (1973) maps these faults as offsetting Holocene alluvium. However, Wagner (1978) maps these faults as concealed by Holocene alluvium & youngest unit faulted is Santa Clara Fm.
broad saddle
closed depression in 1939 air photos
ridge not offset
no geomorphic evidence of Holocene active faulting on pre-reservoir USGS 1939 air photos
series of aligned saddles result of differential erosion between serpentine and Santa Clara Fm. juxtaposed by Coyote Creek fault. Drainages, where observed, that cross fault are not offset
drainages not offset
terrace deposit (late Pleistocene?) not offset
drainage not offset
N30W left stepping en echelon cracks with 5 to 10mm r.l. offset observed after CALIG79, Coyote Lake earthquake (Hart and others, 1979)
Pleistocene deposit not offset (CWD)
no geomorphic evidence of Holocene faulting massive landslides obscure evidence
TOPOGRAPHIC BASE BY U.S. GEOLOGICAL SURVEY 1955
PHOTOREVISED 1971
SCALE 1:24,000
122-2