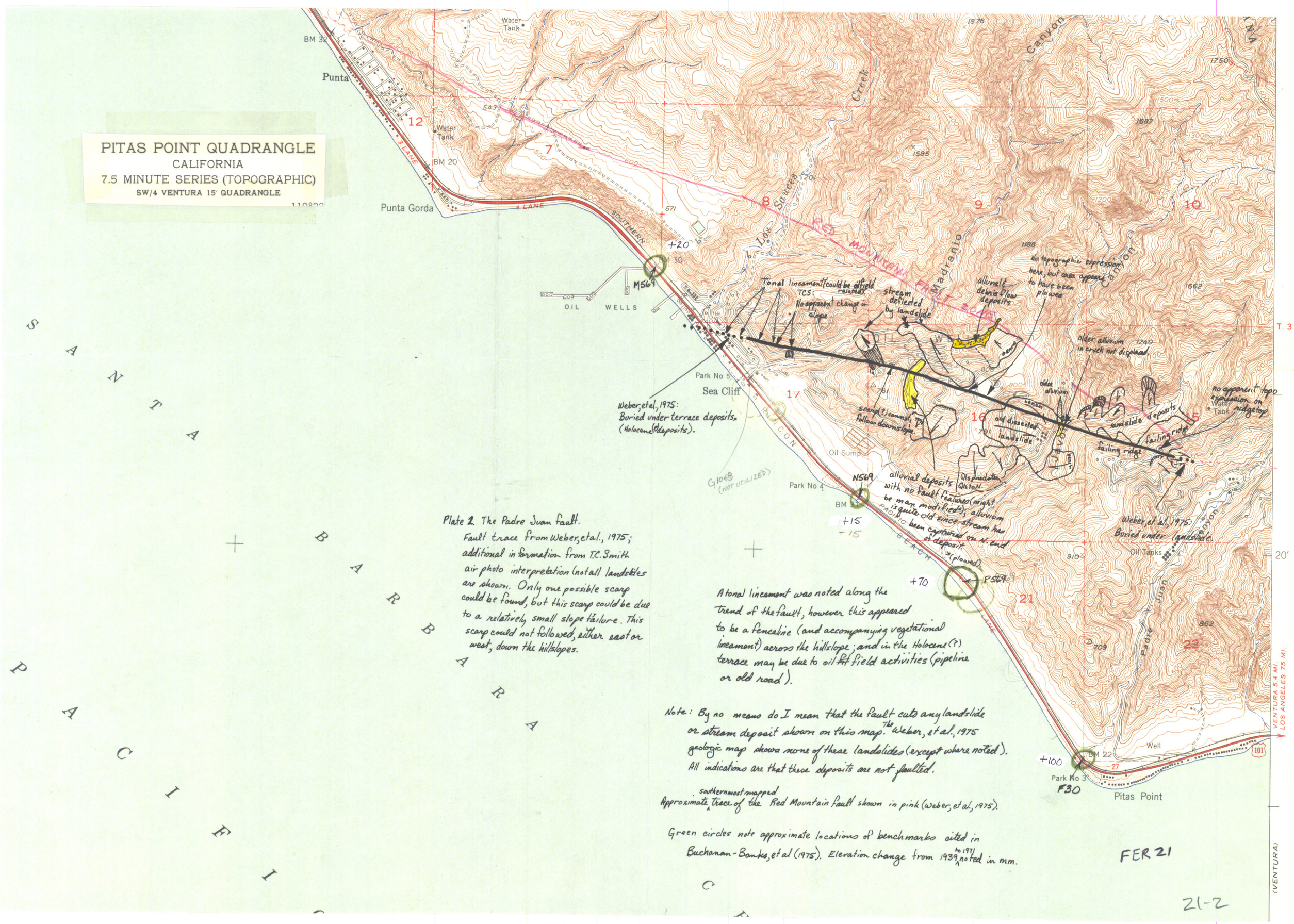

Plate 2. The Padre Juan fault.

Fault trace from Weber, et al., 1975; additional information from T.C. Smith air photo interpretation (not all landslides are shown. Only one possible scarp could be found, but this scarp could be due to a relatively small slope failure. This scarp could not followed, either east or west, down the hillslopes.

A tonal lineament was noted along the trend of the fault, however this appeared to be a fenceline (and accompanying vegetational lineament) across the hillslope; and in the Holocene (?) terrace may be due to oil ~~fit~~ field activities (pipeline or old road).

Note: By no means do I mean that the fault cuts any landslide or stream deposit shown on this map. The Weber, et al., 1975 geologic map shows none of these landslides (except where noted). All indications are that these deposits are not faulted.

Approximate southernmost mapped trace of the Red Mountain fault shown in pink (Weber, et al., 1975).

Green circles note approximate locations of benchmarks cited in Buchanan-Banks, et al (1975). Elevation change from 1939 to 1971 noted in mm.