U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

OPEN FILE REPORT
93-684
SHEET 2 OF 6

Between Mussel Rock and San Andreas Lake "There were, in general, furrows on either side of the main fault, at various distances up to 200 feet. Some of these were persistent for considerable distances." (Lawson, p. 95).

Closed depressions

Sag pond and lineaments visible on 1946 aerial photos. Marshy ground and an alignment of seeps were observed during grading operations in 1976. See Faults A and B of Smith (1981b).

Fence offset about 7 ft near here (Pampeyan, 1993).

Fence and pipeline showed 6.6 ft of right slip near here (Reid, 1910, p. 36).

Sag ponds on east slope of valley (U.S. Coast Survey, 1867; Pampeyan, 1975).

East-facing scarp

West-facing scarp

Sag ponds on east slope of valley (U.S. Coast Survey, 1867; Pampeyan, 1975).

Outlet structures deformed and offset in zone of fractures (Schussler, 1906; Pampeyan, 1986).

8.5 ft of offset in brick waste weir tunnel equals 10 ft of right slip (Pampeyan, 1993).

On Sawyer Ridge, about 9 miles north of the Cahill Ridge locality and a mile west of the main break, there were ridge-top cracks several hundred feet long and parallel to the main fault (Lawson, 1908, p. 253). No specific locations given.

Site of trench A of Bonilla and others (1978).

Sag pond (Lawson, 1908, pl. 60D).

Drainage channel offset 6-8 ft.

Shutter ridge

Site of trench B of Bonilla and others (1978).

Offset drainage

Offset drainage

Row of cypress trees and fence show 9 ft of right slip (Schussler, 1906, p. 79, fence "N"; Lawson, 1908, p. 100, fig. 31, pl. 61B).

Offset drainage

S.F.I.C. quadrilateral site (Lawson, 1908, p. 152). Resurveys of 1947, 1957, and 1963 showed negligible changes and established no trend (Parkin, 1965).

Sag pond and east-facing scarp.

37-in.-diameter Locks Creek pipeline offset 9 ft in 1906 (Lawrence, 1924, p. 16), apparently along a single break (Pampeyan, 1983).

On Cahill Ridge, approximately a mile west of the main break, there were cracks in the ridge top, similar to those along the main fault line, resembling plowed or harrowed ground and extending for several hundred feet. Most likely they were not landslide cracks (Lawson, 1908, p. 253). No specific locations were given.

SCALE 1:24 000

1 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETRE

CONTOUR INTERVAL 25 FEET

UTM GRID AND 1980 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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QUADRANGLE LOCATION

Sheet 2. MONTARA MOUNTAIN QUADRANGLE

MAPS SHOWING RECENTLY ACTIVE FAULT BREAKS ALONG THE SAN ANDREAS FAULT FROM MUSSEL ROCK TO THE CENTRAL SANTA CRUZ MOUNTAINS, CALIFORNIA

By
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1995