Log of the South Wall of Trench BFH1 West (Upper and Lower Benches), across BFZ Strand F1w

← East





Same exposure as to the left (without annotations) after the creep event of November 2002, showing fresh cracking and minor offset of the trench wall.



Recent and Long-Term Behavior of the Brawley Fault Zone, Imperial Valley, California: An Escalation in Slip Rate?

Meltzner, Rockwell, and Owen

Supplemental Figure 1

Bulletin of the Seismological Society of America







Log of the south wall of trench BFH1 West. Units numbered 200 and above are inferred to be modern anthropogenic fill. Carbon-14 sample sites are denoted by open circles. Also shown is a log of a second exposure of the F1w fault zone, ~40 cm south of the main exposure. The deepest part of the exposure, shown without a photomosaic background, could not be logged in detail; on the last day that the trench was open, a backhoe was used to deepen the trench, in order to expose as much section as possible. After the deeper section was exposed, there was only enough time to sketch the main contacts before that part of the trench collapsed. Prior to the deepening of the trench, an auger borehole was dug into the floor of the trench, in order to accurately measure the depths to key contacts on the downthrown side of F1w. From the combination of these depth measurements and the sketch, the information shown on the deeper portion of the log should be correct, although details were invariably missed.