

Preliminary Announcement
Field Trip to the Calaveras Fault
in Santa Clara County, California

**Field trip leaders: Dr. Phil Stoffer, U.S. G.S. and Dr. Richard
Sedlock, SJSU**
August 23, 2008

This field trip is to examine the geology and landscape features along the central Calaveras Fault along the western flank of the Diablo Range in Santa Clara County. The field trip will include stops in the morning at Coyote Lake-Harvey Bear Ranch County Park (near Gilroy) and in the afternoon at Anderson County Park (near Morgan Hill). Features at Coyote Lake include rift zone geomorphic features associated with the active trace of Calaveras Fault, and a variety of rock types including Late Miocene volcanic rocks (some containing mantle-derived crystals), serpentinite, Mesozoic-age conglomerate, and other sedimentary rocks and landslide deposits. The trip to Anderson Reservoir Park will provide access to more views of the central Calaveras Fault, plus other faults, Franciscan rocks, serpentinite and calci-silicate mineralization. Both parks have high earthen dams constructed on Coyote Creek. The two parks also offer spectacular scenery and the opportunity to observe a variety of wildlife. Be prepared to do moderate hikes totaling several miles over the course of the day. Reservations for camping can be made on a first come, first serve basis at the Coyote Lake Campground (in the park) through www.parkhere.org.