

## Preliminary result of chemical analyses using TCDP core samples

# Osamu Tadai[1]; Hiroyuki Kikuta[2]; Tetsuro Hirono[2]; Weiren Lin[3]; En-Chao Yeh[3]; Wonn Soh[2]

[1] MWJ; [2] JAMSTEC; [3] Kochi/JAMSTEC

The 1999 Chi- Chi, Taiwan earthquake (M7.6) happened spectacular faulting with vertical displacement on the Chelungpu-fault. In order to solve slip mechanism, fluid movement and so on with the earthquake, Taiwan Chelungpu- fault Drilling Project (TCDP) was undertaken and two holes Hole - A with maximum depth 2000 m and Hole- B with 1350 m drilled. The purpose of this poster is to show the XRD and the XRF measurements on the Hole-B core samples, which intervals are about one meter, in the depth of 950-1350 m.