

## The comparable fault rock in the western portion of the Chelungpu Falut

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The 1999 Chi-Chi earthquake ( $M=7.7$ ) was caused by the Chelung-pu Fault in the Western Foot Hills, weastern Taiwan collision zone. The tectonic setting of this fault is similar with the seismic fault in the accretionary prism in teh subduction zone. The thermal structural analysis indicates that the belt of the Western Foot Hills can be classified four zones by the formation depth. The fault rock between of them can be compare with the fault rock in the seismogenic depth of the Chelung-pu Fault.