

Seismic-Reflection Survey along the Wani River in the Katata Hills in the Western Side of the Northern Part of Lake Biwa

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The Hira-Hiei fault system is a main geological boundary between the pre-Cenozoic basement rocks and the Kobiwako Group. The Katata fault is located at the eastern side of the Hira-Hiei fault system. It is suggested that there is fault-propagation folds in the Katata Hills, and the Katata fault is a frontal thrust of the Hira-Hiei fault system

A seismic-reflection survey(6.3km length) was conducted along the Wani river in the Katata Hills in the western side of the northern part of Lake Biwa in July 1998, in order to clarify average rate of vertical displacement of the Katata fault and to observe the subsurface configuration of the frontal thrust and the main boundary fault.