

Recent activity of the Median Tectonic Line observed in Hase-mura, Kamiina-gun, Central Japan.

Nobuyuki Matsushima [1]

[1] Nature Assoc. Ina Valley

The Izumihara terrace is cut by the Median Tectonic Line(MTL) in the western part. I trenched here in the east side of the MTL. The tephra of 5m thick includes On-Pm1, On-In, On-Mt, AT and K-Ah in ascending order. The beds between On-Pm1 and AT are disturbed. The Kuroboku which includes K-Ah is stratified normally. The disturbed tephra beds are liquefied. These disturbance is caused by the land slide. The land slide has a slip surface in the On-Pm1 bed. The land slide scarp was found in the trench site near the MTL. Judging from the scarp attitude, the sliding block slipped to the north. I inferred that the land slide was triggered by the earthquake and the block slipped to the north due to moment of inertia. The event of the MTL occurred till the fall of the AT to the fall of the K-Ah.