

Structural history on Torigoe faults, Cyuetu area Niigata Prefecture, central Japan

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Torigoe fault is a part of the western margin fault zone of the Nagaoka Plain, central Japan, is a zone of NE-SW trending active fault and are traceable about 20km. This fault is not clearly dip, angle and element of movement in terms of structural geology. This study is the purpose of clearly structural geology characteristic of the Torigoe faults.

As a result, the fault in hill displaces the Oyama formation. And it is affected faulting after sedimentation. The faulting events in recent began after fold activity end. It think that it move shallow environment, and not displaced uplift from deep environment.