

Detailed geological investigation by array boring prospecting in the southern margin of the Ohchigata tectonic lowland.

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Array boring prospecting was conducted in the southern margin of the Ohchigata tectonic lowland along the line of S-wave seismic reflection survey. After the age of the formation bearing Aso-4 tephra while the Hanyuu formation slid up on the geological discontinuity which correspond to the seismic reflection surface gently inclined to southward, anticlinal deformation in the Hanyuu formation was formed and the sediment originated from slope failure was also deposited in front of the slid block consisted of the Hanyuu formation. But no deformation by the movement of the block of the Hanyuu formation could be recognized in the formations deposited at least after 40,300+-330yBP.