

## Active tectonics on the Tobetsu fault, Hokkaido, Japan

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Tobetsu faults comprise 4 segments of a, b, c, d. Average slip rate of segment-a and segment-b is 0.12-0.24m/kyr. and >0.03 m/kyr.. Seismic reflection pattern across segment-c tilts eastward gradual dipping. But fault does not recognize in reflection profile. Therefore, it's necessary reexamination of segment-c. Reflection pattern across segment-d tilts westward 'steeply' dipping and shows fault-bending.