

Shallow seismic reflection profiling across the active fault-bend folding in Yuufutu, Tomakomai City.

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Shallow seismic reflection profiling revealed the existence of active growth fault-bend folding in Yuufutsu, Tomakomai City (Sato et al., 1998). For the evaluation of slip rate of this blind thrust, we performed careful processing to improve the continuity seismic reflectors and resolution of the profiles. Noise reduction and accurate velocity analysis, provide a high resolution seismic profile showing a forms of the growth fold. Judging from the morphotectonic features, the blind thrust is active during the late Quaternary.