

## Seismic reflection survey using Vibroseis at Taiyo Village, Ibaraki Prefecture, central Honshu, Japan.

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We conducted a seismic reflection survey along the coast line of the eastern part of the Kanto Plain, central Japan. Three reflectors were clearly recognized in the reflection profile: Reflector A is nearly flat (about 0.1-0.25 s in 2-way time); Reflector B is also flat but very gently tilted to south about 0.25-0.5 s in 2-way time; Reflector C is hugely waved reaching to more than 1.5 s in 2-way time. With respect to borehole microfossil data adjacent the seismic line, the strata between Reflectors B and C can be correlated with the early middle Miocene half-graben deposits distributed along the Tanagura Tectonic Line. It suggests that the southern trace of the Tanagura Tectonic Line should be concealed at just east of the present seismic line.