

Drilling survey to establish the subsurface geological structure in central Kanto, Japan

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We conducted a 400m-long drilling, PS and electrical logging surveys to establish subsurface stratigraphy and geological structures at Shobu Town in the central part of Kanto plain, Japan. The core samples have been collected for density measurement, pollen, diatom or tephra analysis to establish the standard sequence stratigraphy. The marine sand and silt layers alternated with non-marine sediments are expected as key layers to some extent. Precise geological structures could be revealed to correlate subdivided sedimentary layers with existing boring data of surrounding areas or seismic reflectors.