

Subsurface geology of the Shimizu Lowland and the Miho Peninsula along the northern Suruga Bay, central Japan

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We conducted the drilling survey, core analysis, and boring data analysis to clarify the subsurface geologic structure of the Shimizu Lowland and the Miho Peninsula, the Shizuoka Prefecture, central Japan. GS-MMB-1 was drilled in the northern Miho Peninsula. GS-MMB-1 is composed of the gravelly layer, sandy and muddy layer with burrows and shell fragments, and gravelly layer in ascending order.

In the Shimizu Lowland, a buried incised valley is along the right bank of the Tomoe River. The basal altitude of the incised valley appears to be decrease upstream, suggesting that coastal area of the Shimizu Lowland has been relatively uplifting.

Keywords: Shimizu Lowland, Miho Peninsula, Subsurface geology, Boring survey