

## Subsurface Structure along the Suminoe Flexure in Osaka

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The Suminoe flexure is a branch fault of the Uemachi fault system. It is located at the NE-SW direction in the middle of Osaka City. In 1998, Geological Survey of Japan has conducted array boring and S-wave seismic reflection survey across the Suminoe flexure. In this study, we report this results and considered subsurface structure along the Suminoe flexure using Boring DataBase. Boring Data were used from Geo-Database Information committee of Kansai. From these survey, Holocene deposit overlapped a west tilting muddy sediment (Ma 12) of the Last Interglacial Stage. It is branched from main Uemachi fault at Tamade, and passing through the Suminoe Park.