

## An undisturbed coring technique of loose volcanic ashes and gravels of late Pleistocene sediments.

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In Quaternary research, an undisturbed coring technique is very valid for the detailed geological investigation. A successful case of an undisturbed coring of loose late Pleistocene sediments are reported.

Middle Pleistocene, the Hanyu formation, to Holocene sediments are distributed in Wakabe district, Hakuicity, Ishikawa Prefecture.

In this survey, we drilled 12 boreholes (420m in total length) and obtained undisturbed cores of loose silts, sands and gravels, in which we could observe sedimentary structures in detail.

Volcanic ash layers, such as Aira-Tn, Aso-4 and SK, were confirmed in 9 boreholes and it became decisive evidence for stratigraphic correlation and interpretation of geological structure.