

## Sedimentary facies and radiocarbon dates of GS-KNJ-1 and GS-KTS-1 cores from Katsushika District, Tokyo Metropolitan

# Yoshinori MIYACHI[1]; Susumu Tanabe[1]; Rei Nakashima[2]; Mieko Uchiyama[1]; Mikiya Hara[1]; Tsutomu Nakazawa[3]; Katsumi Kimura[1]

[1] GSJ/AIST; [2] Institute of Geoscience, AIST; [3] GSJ, AIST

<http://unit.aist.go.jp/geoscience/project/Urban/index.htm>

The ground of the Tokyo Lowland is characterized by the 50 to 70m thick Latest Pleistocene to Holocene strata, which filled the buried incised valley.

We have researched the stratigraphy, sedimentary environments, and physical property of the strata by borehole drilling research at Nijuku site (GS-KNJ-1) and Takasago site (GS-KTS-1) cores in Katsushika, Tokyo Metropolitan. The research has covered the bulk density, magnetic susceptibility, photo image, soft-x ray photo and soil color, carbon isotope age at the rate of every three meters thickness.