

## Mudflow Deposits derived from Yakedake Volcano on Kurehayama Hills in Toyama Sedimentary Basin

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This study reveals that the mudflow deposit from Yakedake Volcano distributed on Kurehayama Hills in Toyama sedimentary basin.

The purple colored pyroclastic deposits, in previous work called Kitadai sand layer, on Kurehayama Hills is correlated with the mudflow deposits of Yakedake Volcano distributed in the Hida area from some evidences. The pyroclastic deposits on Kurehayama Hills are almost same as the mudflow deposits of Yakedake Volcano, in mineral composition and the refractive indices of the volcanic glass, orthopyroxene and hornblende in the deposits. And their stratigraphical horizons are situated between the Middle Pleistocene and Daisen Kurayosi pumice layer(DKP) in the middle of Late Pleistocene.