

Fuji scientific drilling project (part5): Stratigraphy and petrological features of FJ-2 boring core

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We successfully collected core samples from the FJ-2 borehole, on the northeastern slope of Fuji volcano until the depth of 250m in 2003. They consist of 19 sheets of lava flows together with mud flow deposits and fall deposits. Lava flows and fragments in mud flow deposits can be divided into five groups based on the compositional variations. Those petrological features and temporal variations suggest that felsic activities ($\text{SiO}_2=53\text{-}70\text{wt}\%$) occurred before Komitake and Fuji volcano.