

TL dating of new lava domes in Unzen volcano -Activities history restoration toward the younger lava dome than 20,000 years -

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Unzen volcano is a polygenetic volcano that consists of many domes. However, it is hard to know the age of the new lava dome group in these lava domes.

Therefore, we measured the age of the six new lava domes (Myoken Dake and Kunimi Dake Lavas, Fugendake-Sancho and Kazaana Lavas, Shichimenzan and Tenguyama Lavas) in the younger Unzen volcano, by using the Thermoluminescence dating on the Quartz that is a suitable method to measure young age.