

Chemical Composition of Zunasawa Scoria of Fuji Volcano: Its bearing on the explosive eruption

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Zunasawa scoria (ca. 28 ka) is one of the fall deposits from explosive eruption of Fuji volcano. Dacite pumice was recognized in the lowermost part of this scoria fall deposit at the Makuiwa trench site near the expected vent of this deposit. Similar pumice fall deposit was recognized in Hoei scoria (1707 AD), also generated from one of the explosive and well-known eruptions of Fuji volcano. We discuss generation mechanism of these scoria deposits from explosive eruption based on the chemical composition and stratigraphic evidence.