

Stratigraphy and chemistries of ejecta in the summit of Fuji Volcano, Japan

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The summit of Fuji volcano unconformably covers an old crater with basaltic ejecta (50.9-53.9 SiO₂ wt.%) from ca. 2 to 3 Ka, which are consist of five sub-Plinian, six Strombolian, and seven phreatic fall deposits. The sub-Plinian fall deposits are exposed around the present crater, and are mostly welded. These ejecta are differ in lithic fragment abundances, modal compositions of phenocrysts, phenocryst assemblages, and K₂O contents of whole-rock chemistries on each unit.