

The result of the component analysis for Miyakejima 2000- eruption products

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The explosive eruption started on July 8, and continued at the end of September. The ash samples, which were erupted at Jul. 8, 14, Aug. 10, 13, 14, 18, 21, Sep. 9, 10-11, and 21-22, were analyzed by component analysis by the use of microscope, the shape analysis by electronic microscope, mineral identification by X-ray diffraction method and so on. In this presentation, the transition of the explosive activities based on the analysis results are discussed.

To capture the ash which erupted by small-scaled eruption after the October, the trap was begun to eight places in Miyakejima island. It turn out that the re-deposition ash had the majoriry of the sample since the sample which has been collected between October and December was analyzed.