

## Regional variation of rhyolite lavas in the Miocene Iozen Formation, southern Ishikawa Prefecture, central Japan

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The Iozen Formation consists of Early Miocene rhyolitic volcanic rocks as thick as 1 km. Regional petrographic and chemical variation of the rhyolite lavas is checked in view of the reported regional magmatic variation in the underlying Iwaine Formation. The rhyolite lavas in the Iburihashi River area bear quartz and lacks hydrous minerals as phenocrysts, while those in the Mt. Iozen area, 40 km to the east, are quartz-free and bear hornblende and biotite. The difference indicates lower H<sub>2</sub>O content of the magma in the former area.