

Petrogenesis of gabbroic xenoliths in Atsumi volcanic rocks, Northeast Japan.

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This study shows that mineral composition and the Sm-Nd isotopic age of Atsumi gabbroic xenoliths. These gabbroic xenoliths were divided into two rock types from assemblages and characterized by mineral composition. These two rock types are Ol-type and non-Ol type. The gabbroic xenoliths were not cumulated from Atsumi volcanic rocks.