

120Ma basalt discovered from the Kashiwagi Unit of the Chichibu Belt, eastern Kanto Mountains, central Japan

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It is known that the Chichibu accretionary complex overlies the Mikabu Greenrocks as klippe in the eastern part of the Kanto Mountains. We found less metamorphosed basalt from the Otakatori-yama klippe in the Ogose area, Saitama Prefecture. We analyzed the radiometric dating of the present basalt using Ar-Ar method. The well-defined plateau age of 120.0 Ma was obtained. We report the occurrence and geochemistry of this basalt, and discuss the tectonic setting where this basalt was formed.