

## What are the non-metamorphic equivalents of metasedimentary sequences in the Chichibu Belt, western Shikoku, SW Japan?

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Petrographical and geochemical studies of sandstones and metasandstones from the Chichibu Belt and the northern margin of Shimanto Belt in western Shikoku have been performed to find the non-metamorphic equivalents of metasedimentary sequences on the northern margin of Chichibu Belt.

The study area is divided into Hokezu unit (N. Shimanto Belt), Togano unit (S. Chichibu Belt), Takinomiya unit (title unknown), Kanogawa unit (N. Chichibu Belt) and Hijikawa unit (N. Chichibu Belt). Original petrographic information of metasandstones from the Takinomiya and Hijikawa units has been lost by recrystallization. The geochemical study shows that the non-metamorphic equivalents of the Takinomiya and Hijikawa units are Hokezu and Togano units, respectively.