

## Faultrock Analysis of the Aki Tectonic Line in the Shimanto Accretionary complex

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The purpose of this study is to clarify the evolution processes of the large displacement fault of the Aki Tectonic Line (ATL) in the Shimanto accretionary complex, based on the thermal structural and the micro structural analysis.

The result of the micro structural observations, the followings are revealed (1) The ATL had been slipped repeatedly in the same zone. (2) At the later stage, the ATL caused creeping after the stage of the brittle fracture. Such a mode of slip may depend on the difference of the formation depth and the difference of the formation stage.