

Late Mesozoic-Early Tertiary faults of Peninsular Malaysia

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Three samples of sheared granite were collected from two fault zones; the Bukit Berapit Fault and Bukit Tinggi Fault. The samples were dated by using the K/Ar method on the whole rock. Three isotope ages for the timing of fault movements were obtained i.e. 83.6 ± 4.2 Ma, 53.4 ± 2.7 Ma and 46.0 ± 2.3 Ma. The implication of the fault movements and the tectonic significance of resulting ages will be discussed.