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## **K/Ar MICA DATES FOR GRANITES FROM THE BUJANG MELAKA AREA**

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K/Ar analysis of micas from 12 localities in the Bujang Melaka pluton yielded dates ranging from  $131 \pm 5$  Ma to  $235 \pm 8$  Ma. The anomalously old dates are ascribed to samples that have been probably contaminated with sources of radiogenic argon. On the other hand, thermal influence in the vicinity of fractures is deemed responsible for the partial resetting of the K/Ar systems in samples which are too young. In general, the rest of the K/Ar dates are in agreement with those of Bignell and Snelling (1977), and are concordant with their established Rb/Sr whole-rock isochron age of  $218 \pm$  Ma for the Bujang Melaka pluton. No significant time lapse is evident from the K/Ar data for the different varieties of granites in the area, thus suggesting that these probably represent different consanguineous phases of the same pluton. A single K/Ar date of  $211 \pm 6$  Ma (Bignell and Snelling, 1977) support the hypothesis that the pegmatites and associated mineralisation of tin in the area are related to the residual aspect of this same intrusive event.