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RARE-EARTH ELEMENT DISTRIBUTION PATTERNS IN THE CRETACEOUS GRANITES OF JOHOR AND MELAKA

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Granites of Peninsular Malaysia and elsewhere normally have a characteristic rare-earth element pattern, usually with a negative Eu anomaly. In the present study, the Cretaceous granites of Pulai, Gunung Ledang and Batang Melaka have no Eu anomaly. Such a pattern indicates that the Cretaceous granites originate from a source entirely different from the dominant granites of the peninsula.