

**The Kisap Thrust in Langkawi Island - Reappraisal of the evidence.**

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*The Kisap Thrust in Langkawi is the only large thrust fault described in Peninsular Malaysia. It has since been accepted as a major structure by several authors and frequently cited as evidence in support of plate collision hypothesis. A reappraisal of the evidence shows that there are many features which are against the presence of a single large thrust in Langkawi. The localities where this supposed thrust fault is exposed totalled only 4 and are very widely scattered over the proposed length of about 40 km. The orientations and dip directions of the fault planes in these localities also show marked differences. The fault trace proposed by Koopmans (1965) and Jones (1966) are not identical and the evidence available support opposite directions of thrusting instead of a single large thrust. The relatively high angle of the fault plane reaching up to  $50^{\circ}$  is also against this thrust plane being the product of large scale horizontal displacement as proposed in some plate tectonic models.*

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