PERTEMUAN PERSATUAN
(MEETINGS OF THE SOCIETY)

TECHNICAL TALKS

MALAM BARAT LAUT SEMENANJUNG (NORTHWEST PENINSULA EVENING)

This second 'malam', originally planned as Malam Langkawi (Langkawi Night), was then heralded as the Malam Barat Laut Semenanjung (Northwest Peninsula Evening) when one of the earlier speakers had to withdraw, due to unforeseen circumstances and Mr. J.K. Raj obliged to fill in with a talk on the adjacent mainland.

The Malam Barat Laut Semenanjung (Northwest Peninsula Evening) featured 3 talks:

1. **Dr. T.T. Khoo (Univ. Malaya): Northwest extension of the Patani Metamorphics terrane**
2. **Mr. C.P. Lee (Univ. Malaya): Stratigraphy of the Machinchang and Tarutao Formations**
3. **Mr. J.K. Raj (Univ. Malaya): Lineaments in granite and the relationship to the distribution of alluvial tin deposits in NW Malaya.**

The Society had specially selected the date of Friday, 6th November 1981 to coincide with the 25th Anniversary celebrations of the Geology Department, University of Malaya.

The large turn out of about 50 at the Geology Department, University of Malaya were treated to a most stimulating evening of new data on one of the better studied areas of Malaysian geology. After the talks the scene shifted to the UM Academic Staff Centre, where a special Satay Party was held for 'old boys' of the Geology Department. Among the distinguished guests present for the evening were old boys Datuk Mokhtar Hashim and Prof. C.S. Hutchison.

G.H. Teh

Abstracts of papers presented at Malam Barat Laut Semenanjung (Northwest Peninsula Evening)

Northwest extension of the Patani Metamorphics terrane

T.T. KHOO, Jabatan Geologi, Universiti Malaya, Kuala Lumpur

The terrane of the Patani Metamorphics which forms an elongated northwest trending belt in mainland Kedah truncating at the west Kedah coastal area is believed to reappear further northwest at the Langkawi group of islands and Tarutao, Thailand. Rocks of similar age range (Cambrian - Carboniferous) as the Patani Metamorphics in the Langkawi-Tarutao area such as the Machinchang, Setul and Singa Formations show textures and mineralogies of low grade regional metamorphism mainly that of the chlorite zone. More highly metamorphosed rocks in SE Langkawi island, Pulau Timun, Pulau Tuba and Pulau Dayang Bunting, where the youngest Permian Chuping Formation occurs as well, have been thermally metamorphosed by the Late Triassic Tuba granite. The main Raya granite also superimposed thermal metamorphism on adjacent regionally metamorphosed rocks of Pulau Jemurok and Telaga Tujuh with development of biotite.

MALAM BARAT LAUT SEMENANJUNG

T. T. Khoo

C. P. Lee

J. K. Raj

GSM pix G.H.TEH