

CERAMAH TEKNIK TECHNICAL TALK

The impact of geology on the design and construction of KVMRT underground works

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The talk on “The Impact of Geology on the Design and Construction of KVMRT Underground Works” was delivered by Ir. Dr. Ooi Lean Hock & Ms Low Yoke Yen (Gamuda) on 6th Nov 2013 at University of Malaya.

Dr. Ooi gave an overall view of the underground works, i.e. underground stations and tunnels, while Ms Low concentrated on the details of tunnelling. Two main geologic formations, namely the Kenny Hill formation versus the KL Limestone, present stark differences and challenges in the tunnelling and underground stations works. A short video on the TBM tunnelling in karstic limestone was shown and the potential sinkhole versus blow-out problems were well illustrated.

As usual, lively discussions followed the two presentations.

Tan Boon Kong,

Chairman, W/G on Engineering Geology, Hydrogeology & Environmental Geology

