

CERAMAH TEKNIK TECHNICAL TALK

Engineering Considerations for Sustainable Infrastructure: A Case History of Northern Rail Double Track Project

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The talk on “Engineering Considerations for Sustainable Infrastructure: A Case History of Northern Rail Double Track Project” was delivered by Ir. Dr. Ooi Lean Hock (GAMUDA) on 22nd May 2013, at Dept. of Geology, Univ. Malaya, K.L.

The railways traverse numerous soil/rock formations, ranging from soft marine clays, limestone to hard granite. Engineering works include various soil stabilization works for the soft soils and tunnelling through granite, in addition to the construction of the railways. An interesting or unique feature of this project is the incorporation of various environmental management measures during the implementation of the project so as to minimize the adverse impact on the environment. This was successfully carried out since detailed studies had been conducted during the early planning stage of the project.

As usual, lively discussions followed the presentation.

Tan Boon Kong,

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

