

# CERAMAH TEKNIK TECHNICAL TALK

## The Sunway Story: From Mining, Quarrying to Bandar Sunway Development

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The talk on “The Sunway Story: From Mining, Quarrying to Bandar Sunway Development” was delivered by Mr. Phang Koon Tuck (Sunway) on Mon. 29<sup>th</sup> Nov. 2010. Mr Phang gave an interesting account of the history of Sunway from the mining and quarry days, and how it was later transformed into its present state of Bandar Sunway, Shopping Mall, Sunway Lagoon, etc. Various technical issues were discussed, such as flood mitigation, slope stabilization, geotechnical issues dealing with the mine tailings and soft slime, etc. The talk ended with many questions and discussions from the floor .

**Abstract** — Bandar Sunway, an established township with well integrated commercial and residential centres located 5 km from Petaling Jaya, is actually a rehabilitated ex-mining land. For more than 50 years till the mid-80s, tin mining operation was carried out on this stretch of land. The quarrying for rocks to as deep as 200 feet below the general ground level was also undertaken, leaving a desolated landscape before development commenced in the late 80s. The transformation of this barren wasteland into a suitable area for construction of building, both technically sound and with a green environment, was a monumental task.

This talk explains the careful planning and exhaustive engineering works that were undertaken to transform the wasteland into suitable land for the construction of the township. These methods include programmed land fill, compaction, monitoring of settlement and proper subsoil and surface drainage system. There were also extensive stabilization work for the rock face damaged by previous blasting from quarrying operations. Further improvement of the environment saw the massive “greening” with the planting of very large number of trees and shrubs.

The Bandar Sunway of today is a thriving self-contained integrated resort city comprising residential houses, apartments and condominiums, commercial centres, educational institutions, medical centre, theme parks, hotels and shopping mall.

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