

Project Title : PROPOSED MADRASAH AL-MAARIF ISLAMIC SCHOOL AT LORONG 39, GEYLANG

Owner : MUIS

Architect : Architect Vista Pte Ltd

Engineer : Ronnie & Koh Partnership

Main Contractor : Koon Seng Contractor Pte Ltd

Contract Sum : S\$ 514,183.50

Period : Dec 2005 to Feb 2006

**Scope of Works : 10 nos of 800mm diameter bored piles
9 nos of 1000mm diameter bored piles
15 nos of 1200mm diameter bored piles
2 nos of 1400mm diameter bored piles
Pile lengths between 44m & 54m**

Pile load tests : Static load test & PDA

Sub soil condition	: 0 to 4m	Loose Silty Sand
	4 to 15/30m	Very Soft Marine Clay
	15/30 to 30m	Very Stiff Sandy Clay / Dense Silty Sand (OA)
	> 30m	Very Dense Silty Sand (OA) SPT 50 to > 100

Stabilization fluid : polymer

Equipment deployed :

- Boring Rig Soilmec R618
- 70 ton Crawler Crane
- ICE 815 Vibro
- Polymer Plant (tanks)
- Excavator

Tools

- Boring Bucket, Auger & Cleaning Bucket
- Casing lengths bet 12 & 18m

