

Project Title : PROPOSED EXTENSIONS TO EXISTING SINGLE-STOREY NUS-CARE AT 7 PERAHU ROAD (off Lim Chu Kang Rd)

Owner : NUS Estate

Engineer : CPG Corporation Pte Ltd

Main Contractor : CSC Enterprise (S) Pte Ltd

Contract Sum : S\$ 166,140.00

Period : Jan 2005 to Mar 2005

**Scope of Works : 24 nos of 500mm diameter bored piles
3 nos of 600mm diameter bored piles
11 nos of 700mm diameter bored piles
4 nos of 800mm diameter bored piles
2 nos of 900mm diameter bored piles**

Pile lengths between 19 & 24m

Pile load tests : Kentledge method & PDA

Sub soil condition	: 0 to 8/11m	Stiff to v stiff silty clay
	8/11 to 14/16	Very dense clayey sand / hard silty clay
	14/16 to 20m	hard silty clay / v dense clayey sand
	>20m	hard silty clay

Stabilization fluid : nil (dry)

Major equipment deployed :

- Boring Rig Soilmec R618
- 50 ton crawler crane
- Excavator

Tools :

- Auger, bucket & cleaning bucket
- Casing lengths bet 3 & 14m

