

**Project Title : SCHOOL OF MECHANICAL & AEROSPACE ENGINEERING FOR
NANYANG TECHNOLOGICAL UNIVERSITY**

Owner : Nanyang Technological University

Engineer : CPG Corporation Pte Ltd

Client : Resource Piling Pte Ltd (Main Contractor : China Nuclear Construction Co)

Contract Sum : S\$ 25,000.00

Period : Nov 2005 to Dec 2005

**Scope of Works : Boring work only
Pile diameters 800mm to 1200mm
Pile lengths between 25 & 35m**

**Sub soil condition : 0 to 6m Stiff silty clay
6 to 20m V stiff to hard silty clay / clayey silt
> 20 / 25m Hard clayey silt / siltstone / sandstone**

Stabilization fluid : polymer

Equipment deployed :

- Boring Rig Soilmec R618
- Crawler Crane
- Vibro
- Polymer Plant
- Excavator

Tools

- Boring Bucket, Core Barrel,
Chisel, Auger & Cleaning Bucket
- Casing lengths bet 5 & 6m

