

**Project Title : COMMERCIAL DEVELOPMENT AT SOMERSET,
ORCHARD ROAD
INSTALL PRELIMINARY TEST PILE**

Owner : Far East Organization

Architect : DP Architects Pte Ltd

Engineer : KTP Consultants Pte Ltd

Client : Sambo Tosfoc Pte Ltd (M/C : Woh Hup (Pte) Ltd)

Contract Sum : S\$ 60,000.00

Period : July 2006

Scope of Works : Install 2 nos 1500mm diameter preliminary test piles

1st Preliminary pile : socket 0.8m into granite bedrock (pile length 45m)

2nd Preliminary pile : 3m thick fractured granite boulders (pile length 38m)

Test Load : 3,000 ton (By Osterberg Cell Method)

Sub soil condition :

0 to 4m	m. stiff clayey silt (fill)
4 to 10m	soft to m. stiff sandy clay
10 to 24m	v. stiff clayey silt
24 to 30m	hard sandy silt
> 30m	very hard sandy silt / clayey silt
> 40/45m	granite bedrock

Stabilization Fluid : bentonite

Major equipment deployed :

- Boring Rig Soilmec R618
- 80 ton Crawler Crane
- FA 417 vibro
- Bentonite Plant
- Excavator

Tools

- Boring Bucket, Auger, Core Barrel & Cleaning Bucket
- Casing length 11m

