

Project Title : DESIGN & CONSTRUCTION OF FORT CANNING TUNNEL & REALIGNMENT OF STAMFORD ROAD (PILE LOAD TEST)

Owner : Land Transport Authority

Engineer : Land Transport Authority

Main Contractor : Sato Kogyo (S) Pte Ltd

Contract Sum : S\$ 29,500.00

Period : Dec 2004 to Jan 2005

**Scope of Works : Install 2 nos 200mm diameter ground anchors
Set up test beam and test working bored pile next to Stamford Canal**

Ground anchor length 37m

Test Load : 2,475 kN

**Sub soil condition : 0 to 4m soft to m. stiff sandy silt/clay (Fill)
4 to 12m stiff to v. stiff clayey silt
> 12m hard clayey silt (Fort Canning Boulder Bed)**

Major equipment deployed :

- Boring Rig Soilmec SM400
- 350 ton Ground Anchor Test Beam
- Load Cell & Jack

