

EXCAVATION - GEOLOGICAL LOG

PIT NO : TP 251

PROJECT : gINT AGS Sample Project
 LOCATION : Cut 123

FILE / JOB NO : 1234 ABCD
 SHEET : 1 OF 1

POSITION : E: 248211.050, N: 1267466.050 (56/2 ISG66)

SURFACE ELEVATION : 25.250 (AHD)

EQUIPMENT TYPE : >6t Excavator

METHOD : 450 mm Bucket

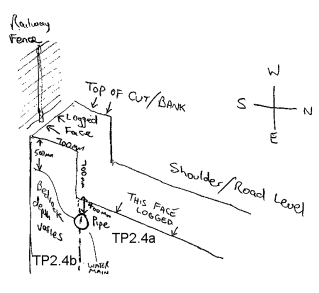
DATE EXCAVATED : 20/5/03

LOGGED BY : ABC

CHECKED BY : GR

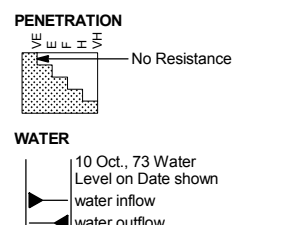
EXCAVATION DIMENSIONS : 2.60 m LONG 0.80 m WIDE

DRILLING				MATERIAL									
VE	E	F	H	SUPPORT	DEPTH (m)	GRAPHIC LOG	CLASSIFICATION SYMBOL	MATERIAL DESCRIPTION Soil Type, Colour, Plasticity or Particle Characteristic Secondary and Minor Components	MOISTURE CONDITION	CONSISTENCY	RELATIVE DENSITY	HAND PENETROMETER (KPa)	STRUCTURE & Other Observations
				T	0.0	[Symbol]	[Symbol]	CLAYEY SAND: brown, fine to medium grained sand, trace gravel, organic matter	W	S		100	TOPSOIL
					0.30m	[Symbol]	[Symbol]	SANDY CLAY: yellow and brown, medium plasticity, trace sand, trace gravel, pockets of yellow sand				200	RESIDUAL SOIL 0.35: HP In-situ =200 - 300 kPa
					0.45m	[Symbol]	[Symbol]	Note: moisture content decreases with depth.				300	0.60: HP In-situ =350 kPa
					0.60m	[Symbol]	[Symbol]					400	0.85: HP In-situ >450 kPa
					0.94m	[Symbol]	[Symbol]	SANDSTONE: off white and dark orange, fine to medium grained; extremely weathered, low strength	M				BEDROCK
					1.0	[Symbol]	[Symbol]	Note: strength increasing with depth.					
					1.32m	[Symbol]	[Symbol]						
					1.5			EXCAVATION TP 251 TERMINATED AT 1.32 m Refusal					
					2.0								
					2.5								
					3.0								
					3.5								



PHOTOGRAPHS NOTES YES NO

- METHOD**
- N Natural Exposure
 - E Existing Excavation
 - BH Backhoe Bucket
 - B Bulldozer Blade
 - R Ripper
- SUPPORT**
- T Timbering



- SAMPLES & FIELD TESTS**
- U50 - Undisturbed Sample 50 mm diameter
 - D - Disturbed Sample
 - B - Bulk Disturbed Sample
 - MC - Moisture Content
 - HP - Hand Penetrometer (UCS kPa)
 - VS - Vane Shear; P-Peak, R-Remoulded (uncorrected kPa)
 - PBT - Plate Bearing Test

- CLASSIFICATION SYMBOLS & SOIL DESCRIPTION**
Based on Unified Classification System
- MOISTURE**
- D - Dry
 - M - Moist
 - W - Wet

- CONSISTENCY/ RELATIVE DENSITY**
- VS - Very Soft
 - S - Soft
 - F - Firm
 - St - Stiff
 - VSt - Very Stiff
 - H - Hard
 - VL - Very Loose
 - L - Loose
 - MD - Medium Dense
 - D - Dense
 - VD - Very Dense

See Explanatory Notes for details of abbreviations & basis of descriptions.



RTA_LIB_25.GLB Log RTA EXCAVATION RTA_25.GPJ <-DrawingFiles> 22/12/2009 17:09