LOCATION: Singapore Cut 123

BOREHOLE No. **Singapore Log**

EASTING: 248144.43 m
NORTHING: 1267424.53 m MRT68 56/2
REDUCED LEVEL: 24.26 m MHD

FIELD & LABORATORY DATA & TESTS REPORTED ELSEWHERE

SPT N VALUE (10 20 30 40 50 60 70 80 90)

DAILY WATER TABLE READING

DATE	READING (m bgl)
26/07/2006	2.00

REDUCED LEVEL (m)	DEPTH (m)	SAMPLE TYPE	THICKNESS (m)	DESCRIPTION
				Greyish brown occasionally brown spotted grey and brown, slightly clayey silty fine to coarse SAND with some angular to subangular fine to medium gravel sized rock fragments. (FILL)
23.46			0.80	
23.26	1 1.00	P	0.20	Pinkish brown occasionally brown spotted grey and brown, slightly clayey silty fine to coarse SAND with some angular to subangular fine to medium gravel sized rock fragments. (FILL)
	1.20			Brown occasionally greyish brown spotted grey and brown, clayey silty fine to coarse SAND with some angular to subangular fine to coarse gravel sized rock fragments. (COLLUVIUM)
22.86			0.40	
	1.50	SPTLS		Strong to very strong occasionally moderately strong, grey occasionally brown and brown spotted pink, black and grey, slightly decomposed medium grained GRANITE with closely to medium occasionally very closely spaced, rough planar and stepped occasionally undulating, limonite and manganese oxide stained joints, dipping at 20°-30°, 40°-50° and 50°-60° occasional 0°-10° and 20°-30°.
22.26	2 1.95		0.60	
				Extremely weak to very weak, greyish brown spotted grey and brown, completely decomposed medium grained GRANITE. (Slightly clayey silty fine to coarse SAND with some fine to medium gravel sized granite and quartz fragments.)
21.56			0.70	
	3 3.00	SPTLS		Moderately strong occasionally strong, brown occasionally grey spotted pink, grey and brown, moderately decomposed medium grained GRANITE with closely to medium spaced, rough planar and undulating, limonite and manganese oxide stained joints, dipping at 0°-10°, 40°-50° and 50°-60°.
21.06			0.50	
	3.45			Extremely weak to very weak, pinkish brown occasionally pinkish grey spotted grey and brown, completely decomposed medium grained GRANITE. (Slightly silty fine to coarse SAND with some fine to coarse gravel sized weak granite and quartz fragments.)
20.21	4		0.85	
	4.50	SPTLS		Moderately strong occasionally strong, pinkish brown occasionally yellowish brown, moderately decomposed medium grained GRANITE. (CORESTONE)
	4.95			
18.91	5		1.30	
18.81	5.45		0.10	Extremely weak to very weak, brown spotted grey and brown, completely decomposed medium grained GRANITE. (Slightly silty fine to coarse SAND with some fine to medium gravel sized granite and quartz fragments.)
	6	CR		Strong, white, slightly decomposed QUARTZ VEIN.
17.40			1.41	
16.26	6.95		1.14	

1.55 m: <100.0 / =45.0 kPa — 10/300
3.05 m: <140.0 / =50.0 kPa — 18/300
4.35 m: <120.0 / =80.0 kPa — 26/300

FRACTURE PER METRE (2 4 8 16) | RQD % (20 40 60 80) | SCR % (20 40 60 80) | TCR % (20 40 60 80)

WEATHERING GRADE (I II III IV V VI)

BORING TYPE: AD/T / NMLC / RR

DIAMETER (mm): 100 / 78

Datgel DATA SOLUTIONS Geotechnics · Geoenvironment · Laboratory

- Sample
- Pressuremeter Test (PRM)
- Core Run
- Vane Shear Test (VST)
- Permeability / Packer Test (PKT)
- SPT N Value
- Attempt TW/P/MZ/U
- P - Piston Sample
- TW - Thin Wall Push
- MZ - Mazier
- U - Thick Wall Open Drive
- CR - Core Run
- SPTLS - SPT Liner
- W - Water
- T* - Push + Hammer
- PZS - Cassagrande Piezometer
- WSP - Water Standpipe

CLIENT: ABC Transport Authority

LOG OF BORING
GEOTECHNICAL STUDY - FIELD INVESTIGATION

PROJECT: Rail Tunnel

LOGGED BY: ABC

DATE OF FIELD WORK: 26/07/2006 - 26/07/2006

CONTRACTOR: ABC Site Investigations

CHECKED BY:

SHEET No.: 1 / 2

SG AGS 3_1 04.GLB Log LTA BOREHOLE SG AGS 3_1 04.GPJ <<DrawingFile>> 07/12/2009 13:14 8.2.005 Developed by Datgel