



Project: A Road
 Location: KL
 Client: Jabatan Kerja Raya
 Engineer: Jabatan Kerja Raya
 Contractor: Jabatan Kerja Raya
 Project No.: GD/1727/SI

Coord's: 104.9 m E 375.9 m N MRT68 56/2
 RL: 25.55 m MHD
 Date: 25/07/2006 - 25/07/2006
 Rig: DB515

Drilled By: EFG
 Logged By: ABC
 Checked By: Mohiuddin

REPORT OF BOREHOLE: BH 2

Sheet No.: 1 of 1

| Depth (m) | Method & Casing | Reduced Level (m) | Description | Graphic Log | British Soil Classification | Legend | Type & No. | Depth (m) | Recovery (%) | Sample & Test | TCR (%) | RQD (%) | Remarks |
|-----------|------------------|-------------------|---|-------------|-----------------------------|--------|--------------|------------|--------------|--------------------------------------|---------|---------|--|
| 1.0 | ADT NW Casing | 24.50 | 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) | | C | | | | | | | | |
| 2.0 | | 23.25 | 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) | | C | | U | 1.35-1.80 | 100 | 3,3/0mm,2,3/0mm,2,2/0mm N=9/150mm | | | |
| 3.0 | RR | 22.40 | 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) | | C | | U | 2.85-3.30 | 100 | 0,1,1,2/0mm N=4/150mm | | | |
| 4.0 | | 21.55 | 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°. | | C | | | | | | | | |
| 5.0 | NMLC | 21.20 | 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.) | | C | | U63 | 4.20-4.65 | 99 | | | | MC=75.0% LL=90.0% PL=80.0% Is(50)=142.61 MPa |
| 6.0 | | 20.10 | 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°. | | C | | | | | | | | |
| 7.0 | NMLC | 19.95 | 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.) | | C | | U | 5.70-6.15 | 99 | 1,2/0mm,1,2/0mm,2,2/0mm N=7/150mm | | | |
| 8.0 | | 19.20 | Moderately strong occasionally strong, pinkish brown occasionally yellowish brown, moderately decomposed medium grained GRANITE. (CORESTONE) | | C | | C52-1 C52 | 6.45-7.15 | 98 | | | 100 | 71 |
| 9.0 | NMLC | 18.20 | 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.) | | C | | C-2 C | 7.15-8.05 | 100 | | 100 | 70 | MC=55.0% LL=50.0% PL=40.0% c _c =75 kPa c' _c =8 kPa φ=27.5° Is(50)=1.47, 0.97 MPa MC=55.0% |
| 10.0 | | 17.55 | Strong, white, slightly decomposed QUARTZ VEIN. | | C | | C-3 C | 8.05-9.55 | 100 | | 100 | 60 | MC=25.0% LL=30.0% PL=10.0% Is(50)=2.9 MPa MC=25.0% |
| 10.0 | | 15.40 | Extremely weak to very weak, pinkish brown occasionally brown spotted white, grey and brown, completely decomposed medium grained GRANITE. (Slightly clayey silty fine to coarse SAND with some fine to coarse gravel sized weak granite and quartz fragments.) | | C | | C-4 C | 9.55-10.15 | 100 | | 100 | 50 | |
| | | | Terminated at 10.15 m Target depth | | | | | | | | | | |

JKR_LIB_03.GLB Log JKR BOREHOLE JKR_03.GPJ <DrawingFile> 13/07/2010 17:07 8.2.008

Boring Progress and Water Observations

| Date | Time | Hole Depth (m) | Casing Depth (m) | Water Depth (m) |
|----------|-------|----------------|------------------|-----------------|
| 25-07-06 | 00.00 | | | 2.3 |
| 26-07-06 | 00.00 | | | 1.55 |

Legend

- Pressuremeter Test (PMT)
- Vane Shear Test (V)
- Permeability Test (PBT)
- Packer Test (PKT)
- Standard Penetration Test (SPT) Small Disturbed Sample (D)
- Undisturbed Sample (U)
- Mazier Sample (M)
- Attempted (U*), (P*), (M*)
- Piston Sample (P)
- Core Run (C)