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PROJECT : Brisbane Valley Grade Separation JOB NO : QB10200.4 PAGE : 1 OF 1
 POSITION : E: 470654, N: 6949742 (56 MGA94) SURFACE ELEVATION : 51.7 (AHD) LOCATION : Brisbane Valley Hwy
 EQUIPMENT TYPE : 5t Excavator CONTRACTOR : Aussie Excavators BUCKET WIDTH : 0.5m
 DATE DRILLED : 18/4/11 to 18/4/11 LOGGED BY : LN CHECKED BY : VP STANDARD : AS1736

| EXCAVATION & WATER DETAIL | LAB DATA | | | | SAMPLES & FIELD DATA | DEPTH (m) | GRAPHIC LOG | MATERIAL DESCRIPTION Soil Type, Colour, Plasticity or Particle Characteristic Secondary and Minor Components | MOISTURE | CONSISTENCY/DENSITY | DCP (blows/100mm) | COMMENTS Field Test Data & Other Observations |
|---------------------------|------------------|-------------|---------|------------------|----------------------|-----------|--|--|----------|---------------------|-------------------|---|
| | Moisture Content | Dry Density | % Fines | Atterberg Limits | | | | | | | | |
| Groundwater | | | | | RL (m) | | | | | | | |
| | | | | | 51.2 | 0.5 | | CLAY - high plasticity, dark grey-black, moist, firm. | M | F | | 0.00: TOPSOIL 0.0 m - 0.3 m |
| | | | | | | | 0.70m | Becoming stiff. | M | St | | 0.70: Shear Vane P = 92 kPa / R = 30 kPa |
| | | | | | 1.10m | 1.10m | 1.10m | CLAY - high plasticity, dark grey, moist, very stiff. | | | | 1.10: Shear Vane P = 240+ kPa |
| | | | | | 50.2 | 1.5 | | | M | VSt | | |
| | | | | | 2.00m | 2.00m | 2.00m | CLAY - silty gravelly CLAY, high plasticity, light grey mottled orange-brown, trace of weathered cobbles, moist, very stiff. | M | VSt | | |
| | | | | 2.50m | 2.50m | 2.50m | SILT - clayey SILT, high plasticity, light grey mottled orange, trace of fine sand, trace of weathered gravel and cobbles, moist, very stiff, friable. | M | VSt | | | |
| | | | | 2.80m | 2.80m | 2.80m | Increasing weathered gravel and cobble content. | M | VSt | | | |
| | | | | 48.7 | 3.0 | | Test pit terminated at 2.9 m. No water encountered. | | | | | |
| | | | | 48.2 | 3.5 | | | | | | | |
| | | | | 47.7 | 4.0 | | | | | | | |
| | | | | 47.2 | 4.5 | | | | | | | |

SKM AGS REV02.1 (WORKIN-BRISBANE)\GLB_Log_SKM_TEST_PIT_LOG_BRISBANE_VALLEY_GRADE_SEPARATION_TP-AH_AND_BH_LOGS.GPJ <-DrawingFiles> 28/11/2011 10:09

| | | | |
|---|--|---|--|
| EXCAVATION N Natural/Existing cutting E Excavator BH Backhoe Bucket B Bulldozer R Ripper | SAMPLES & FIELD TESTS B Bulk Sample D Small Disturbed Sample ES Env Soil Sample EW Env Water Sample U Undisturbed Tube Sample W Water Sample HP Hand Penetrometer HV Hand Vane Shear (P: Peak Su, R: Residual Su) | DENSITY VL Very Loose L Loose MD Medium Dense D Dense VD Very Dense CO Compact | CONSISTENCY (Su) VS Very Soft (0-12.5kPa) S Soft (12.5-25kPa) F Firm (25-50kPa) St Stiff (50-100kPa) VSt Very Stiff (100-200kPa) H Hard (>200kPa) |
| GROUNDWATER SYMBOLS ▽ = Water level (static) ▽ = Water level (during excavation) ▶ = Water inflow | PHOTOGRAPHS NOTES <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | MOISTURE CONDITION D = Dry M = Moist W = Wet | |