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ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/6-2010

BOREHOLE No BH C10
SHEET 1 of 1
REFERENCE No H11104

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C
LOCATION Cut 4 COORDINATES 472892.1 E; 7089737.1 N
PROJECT No FG5799 SURFACE R.L. 99.90m PLUNGE _____ DATE STARTED 07/08/11 GRID DATUM MGA94
JOB No 232/10A/2 HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 07/08/11 DRILLER Drillsure Pty Ltd

| DEPTH (m) | R.L. (m) | AUGER CASING WASH BORING CORE DRILLING | RQD (%) | SAMPLE | MATERIAL DESCRIPTION | LITHOLOGY | USC | WEATHERING | INTACT STRENGTH | DEFECT SPACING (mm) | GRAPHIC LOG | ADDITIONAL DATA AND TEST RESULTS | SAMPLES TESTS |
|-----------|----------|--|-----------|--------|---|-----------|------|------------|-----------------|---------------------|-------------|----------------------------------|---------------|
| 0 | 99.90 | | | | | | | | | | | | |
| 0.1 | 99.80 | | | | TOPSOIL: Grey, dry. | | | | | | | | |
| 0.2 | 99.40 | | | | Gravelly SILT (Residual): Grey, dry. | | (ML) | | | | | | |
| 1.0 | | | | A | SILTSTONE (XW): Generally exhibits engineering properties of a brown/grey, moist, hard, gravelly silt. | XW | | | | | | Based on driller's logs only | |
| 1.5 | | | | | | | | | | | | 15,30/100 N>50 | SPT |
| 2.5 | | | | B | | | | | | | | 30,30,28 N>50 | SPT |
| 3.0 | 96.90 | | (0) | | SILTSTONE (HW): Brown/red, fine grained, subtly foliated, mainly varies from extremely low to low strength. | HW | | | | | | | |
| 4.0 | | | (11) | | Defects: -Clayey and broken throughout. -Joint at 10° (2/m) -Joint at 50° (1-2/m) -Joint at 70° (3/m) | | | | | | | | |
| 5.0 | | | (0) | | Defect spacing is mainly extremely close to close. Defect surfaces are planar, tight, smooth, clay infilled, iron stained. | | | | | | | | |
| 6.0 | | | | | | | | | | | | | |
| 7.0 | | | 73 (0) | | | | | | | | | | |
| 8.0 | | | (0) | | | | | | | | | | |
| 8.38 | 91.52 | | | | Borehole terminated at 8.38m | | | | | | | | |

REMARKS _____

LOGGED BY
JA/DC

CORE PHOTO LOG - BH C10

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|----------------|-----------------------------------|-------------------|------------|
| Project Name: | BRUCE HIGHWAY UPGRADE - SECTION C | | |
| Project No.: | FG5799 | Date: | 06/09/2011 |
| Details: | Cut 4 | Start Depth (m): | 3.00 |
| Reference No.: | H11104 | Finish Depth (m): | 8.38 |



SCALE 1:5