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**GEOTECHNICAL  
AUGERHOLE LOG**

FOR GEOTECHNICAL TERMS AND  
SYMBOLS REFER FORM F:GEOT 017/8-2014

BOREHOLE No **BH06**

Sheet 1 of 1

REFERENCE No \_\_\_\_\_

|            |                                     |              |         |                                     |             |
|------------|-------------------------------------|--------------|---------|-------------------------------------|-------------|
| PROJECT    | Dalby West Major Culvert Structures |              |         |                                     |             |
| LOCATION   | Culvert 3 (12J)                     |              |         | COORDINATES 326701.0 E; 6992778.0 N |             |
| PROJECT No | FG6358                              | SURFACE RL   | 342.29m | PLUNGE                              | 90°         |
|            |                                     |              |         | DATE STARTED                        | 27/04/2016  |
|            |                                     |              |         | GRID DATUM                          | MGA Zone 56 |
| JOB No     | 498/04598                           | HEIGHT DATUM | AHD     | BEARING                             | °           |
|            |                                     |              |         | DATE COMPLETED                      | 27/04/2016  |
|            |                                     |              |         | DRILLER                             | North Coast |

| DEPTH (m) | R.L. (m) | SAMPLE | MATERIAL DESCRIPTION  | LITHOLOGY | USCS WEATHERING       | ADDITIONAL DATA AND TEST RESULTS   | SAMPLES TESTS |
|-----------|----------|--------|---|-----------|-----------------------|--|---------------|
| 0         |          |        | CLAY with Silt and Sand (Alluvium)<br>Grey, moist, firm. High plasticity.<br>Sand is fine to medium grained. Trace fine gravel. |           |                       |  |               |
| 1         |          | A      |   |           |                       | 1, 2, 3<br>N=5<br>LL=84% PI= 59%<br>MC=30.1% LS= 28%<br><75µm= 81%<br>WPI= 5664  | SPT           |
|           |          | B      | Becomes grey mottled brown.<br>No gravel.   |           | 1.00m-1.45m: Iss=7.5% | 2, 3, 4<br>N=7<br>LL=80% PI= 54%<br>MC=29.7% LS= 25%<br><75µm= 85%<br>WPI= 5346  | SPT           |
|           |          | C      | Becomes stiff   |           |                       | 2, 4, 5<br>N=9<br>MC=27.9%   | SPT           |
| 2         |          | D      | Becomes Silty CLAY with Sand  |           | 2.00m-2.45m: Iss=6.2% | 3, 6, 7<br>N=13<br>LL=68% PI= 45%<br>MC=24.1% LS= 22%<br><75µm= 75%<br>WPI= 4455 | SPT           |
|           |          | E      | Becomes very stiff  | (CH)      |                       | 3, 6, 9<br>N=15<br>MC=23.4%  | SPT           |
| 3         |          | F      |   |           |                       | 4, 6, 9<br>N=15<br>LL=68% PI= 44%<br>MC=23.8% LS= 22%<br><75µm= 79%<br>WPI= 4356 | SPT           |
|           |          | G      | Becomes brown mottled orange-brown grey   |           |                       | 5, 7, 11<br>N=18<br>MC=24.5%   | SPT           |
| 4         |          | H      | Becomes Sandy Silty CLAY.   |           |                       | 5, 11, 13<br>N=24<br>MC=16.9%  | SPT           |
| 5         | 337.34   |        | Borehole completed at 4.95m   |           |                       |  |               |

REMARKS: Coordinates taken with handheld GPS.  
RL taken from site plan.

| LOGGED BY        | REVIEWED BY |
|------------------|-------------|
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