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**Queensland  
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**GEOTECHNICAL  
BOREHOLE LOG**

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

BOREHOLE No **BH202**

Sheet 1 of 2

REFERENCE No **H12150**

|            |   |                |                         |
|------------|---|----------------|-------------------------|
| PROJECT    | Ipswich Motorway Upgrade - Rocklea to Darra |                |                         |
| LOCATION   | Gantry Sign                                 | COORDINATES    | 499893.5 E; 6951562.2 N |
| PROJECT No | FG6202                                      | SURFACE RL     | 7.38m                   |
|            |   | PLUNGE         | 90°                     |
|            |   | DATE STARTED   | 05/05/2015              |
|            |   | GRID DATUM     | MGA94 Z56               |
| JOB No     | 201/416/003                                 | HEIGHT DATUM   | AHD                     |
|            |   | BEARING        | °                       |
|            |   | DATE COMPLETED | 05/05/2015              |
|            |   | DRILLER        | North Coast             |

| DEPTH (m) | R.L. (m) | AUGER CASING WASHBORING CONE DRILLING | RQD (%)<br>CORE REC % | SAMPLE | MATERIAL DESCRIPTION   | LITHOLOGY | USCS WEATHERING | INTACT STRENGTH | DEFECT SPACING | ADDITIONAL DATA AND TEST RESULTS | SAMPLES TESTS |
|-----------|----------|---------------------------------------|-----------------------|--------|--|-----------|-----------------|-----------------|----------------|----------------------------------|---------------|
|           |          |                                       |                       |        |  |           |                 |                 |                |                                  |               |
| 0         | 6.58     |                                       |                       |        | Sandy GRAVEL (Fill)<br>Brown , moist, loose.<br>Fine to medium angular gravel,<br>fine to medium grained sand.     | (GP)      |                 |                 |                |                                  |               |
| 1         |          |                                       |                       | A      | Sandy CLAY (Fill)<br>Pale yellow grey pale brown,<br>moist, very stiff.<br>Low plasticity, trace medium<br>gravel. | (CL)      |                 |                 |                | 27, 12, 9<br>N=21                | SPT           |
| 2         | 5.68     |                                       |                       | B      | Silty CLAY (Alluvium)<br>Dark grey dark brown, moist,<br>stiff.<br>High plasticity.                                |           |                 |                 |                | 2, 3, 6<br>N=9                   | SPT           |
| 3         |          |                                       |                       | C      | Becoming firm.   |           |                 |                 |                | 1, 2, 3<br>N=5                   | SPT           |
| 4         |          |                                       |                       | D      | Becoming soft to firm.   |           |                 |                 |                | 1, 1, 3<br>N=4                   | SPT           |
| 5         |          |                                       |                       | E      |  | (CH)      |                 |                 |                | 1, 2, 2<br>N=4                   | SPT           |
| 6         |          |                                       |                       | F      | Becoming firm.   |           |                 |                 |                | 2, 2, 3<br>N=5                   | SPT           |
| 7         |          |                                       |                       | G      |  |           |                 |                 |                | 2, 2, 4<br>N=6                   | SPT           |
| 8         |          |                                       |                       | H      |  |           |                 |                 |                | 1, 3, 4<br>N=7                   | SPT           |
| 9         | -1.62    |                                       |                       | J      | Silty CLAY (Residual)<br>Grey brown yellow, moist, stiff.<br>High plasticity.                                      | (CH)      |                 |                 |                | 2, 4, 6<br>N=10                  | SPT           |
| 10        | -2.62    |                                       |                       |        |  |           |                 |                 |                |                                  |               |

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REMARKS:

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REVIEWED BY

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Sheet 2 of 2

REFERENCE No **H12150**

PROJECT Ipswich Motorway Upgrade - Rocklea to Darra

LOCATION Gantry Sign COORDINATES 499893.5 E; 6951562.2 N

PROJECT No FG6202 SURFACE RL 7.38m PLUNGE 90° DATE STARTED 05/05/2015 GRID DATUM MGA94 Z56

JOB No 201/416/003 HEIGHT DATUM AHD BEARING ° DATE COMPLETED 05/05/2015 DRILLER North Coast

| DEPTH (m) | R.L. (m) | FAUGER<br>CASING<br>WASHBORING<br>CORE DRILLING | RQD (%)<br>CORE REC % | SAMPLE | MATERIAL DESCRIPTION   | LITHOLOGY | USCS WEATHERING | INTACT STRENGTH | DEFECT SPACING | ADDITIONAL DATA AND TEST RESULTS | SAMPLES TESTS |
|-----------|----------|---|-----------------------|--------|--|-----------|-----------------|-----------------|----------------|----------------------------------|---------------|
|           |          |   |                       |        |  |           |                 |                 |                |                                  |               |
|           |          |   |                       | K      | Silty CLAY (Residual)<br>(Contd')<br>Becoming stiff to very stiff. | (CH)      |                 |                 |                | 4, 6, 9<br>N=15                  | SPT           |
|           | -4.07    |   |                       | L      |  |           |                 |                 |                | 4, 6, 9<br>N=15                  | SPT           |
|           |          |   |                       |        | Borehole completed at 11.45m                                       |           |                 |                 |                |                                  |               |

|          |                  |                    |
|----------|------------------|--------------------|
| REMARKS: | <b>LOGGED BY</b> | <b>REVIEWED BY</b> |
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