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# ENGINEERING BORELOG

[ FOR GEOTECHNICAL TERMS AND  
SYMBOLS REFER FORM F873 NOV/87 ]

BOREHOLE No : 10  
SHEET : 1 OF 2  
REFERENCE No : H7369

PROJECT : GATEWAY ARTERIAL DUPLICATION - DEAGON - OVERBRIDGE FOUNDATION INVESTIGATION  
LOCATION : Grid Ref. 37889.7 E, 48173.1 N  
PROJECT No : MG0246 SURFACE R.L. : 5.80 DRILLER : Schneider - Richard  
JOB No : DATUM : AHD DATE DRILLED : 3/2/94

| DEPTH (m) | R.L. (m) | AUGER<br>CORE DRILLING<br>CASING<br>OTHER | RQD<br>(%)<br>CORE<br>REC% | CORE LOSS | MATERIAL<br>DESCRIPTION  | USC<br>WEATHERING | INTACT STRENGTH |    |   |   |    | DEFECT SPACING (mm) |    |     |     | GRAPHIC LOG | ADDITIONAL DATA<br>AND<br>TEST RESULTS                             | SAMPLES<br>TESTS |
|-----------|----------|---|----------------------------|-----------|--|-------------------|-----------------|----|---|---|----|---------------------|----|-----|-----|-------------|--|------------------|
|           |          |   |                            |           |  |                   | CH              | VT | H | M | VI | 20                  | 60 | 200 | 600 |             |  |                  |
| 0         | 5.80     |   |                            |           | CLAY<br>Grey with red to yellow brown mottling (ironstaining) in part, moist, generally very stiff, high plasticity, fissuring and slickensides common.<br><br>Slightly sandy in more ironstained parts; some organics (tree roots) near surface.<br><br>Firm to stiff near surface. |                   |                 |    |   |   |    |                     |    |     |     |             |  |                  |
| 1         |          |   |                            |           |  |                   |                 |    |   |   |    |                     |    |     |     |             | 1,2,2<br>N=4   | SPT              |
| 2         |          |   |                            |           |  |                   |                 |    |   |   |    |                     |    |     |     |             |  |                  |
| 3         |          |   |                            |           |  |                   |                 |    |   |   |    |                     |    |     |     |             | MC = 38.4%, WD = 1.84 t/m <sup>3</sup><br>C = 87kPa, φ = 11.5 degs | U48              |
| 4         |          |   |                            |           |  |                   |                 |    |   |   |    |                     |    |     |     |             |  |                  |
| 5         |          |   |                            |           |  |                   |                 |    |   |   |    |                     |    |     |     |             |  |                  |
| 6         |          |   |                            |           |  |                   |                 |    |   |   |    |                     |    |     |     |             | 3,4,6<br>N=10  | SPT              |
| 7         |          |   |                            |           |  |                   |                 |    |   |   |    |                     |    |     |     |             |  |                  |
| 8         |          |   |                            |           |  |                   |                 |    |   |   |    |                     |    |     |     |             |  |                  |
| 9         |          |   |                            |           |  |                   |                 |    |   |   |    |                     |    |     |     |             | MC = 35.6%, WD = 1.86 t/m <sup>3</sup>                             | U48              |
| 10        | -4.20    |   |                            |           |  |                   |                 |    |   |   |    |                     |    |     |     |             |  |                  |

REMARKS : All U48 tubes pushed 400mm - only recovered portions shown.  
OTHER - Washboring. WD=Wet density

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REFERENCE No : H7369

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LOCATION : Grid Ref. 37889.7 E, 48173.1 N

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JOB No : \_\_\_\_\_ DATUM : AHD DATE DRILLED : 3/2/94

| DEPTH (m) | R.L. (m) | AUGER<br>CORE DRILLING<br>CORE REC%<br>CASING<br>OTHER | RQD (%)<br>CORE LOSS | MATERIAL<br>DESCRIPTION | USC<br>WEATHERING | INTACT STRENGTH |    |   |   | DEFECT SPACING (mm) |    |    |     | GRAPHIC LOG                           | ADDITIONAL DATA<br>AND<br>TEST RESULTS | SAMPLES<br>TESTS |
|-----------|----------|--|----------------------|-------------------------|-------------------|-----------------|----|---|---|---------------------|----|----|-----|---------------------------------------|--|------------------|
|           |          |  |                      |                         |                   | EH              | VH | H | M | VL                  | 20 | 60 | 200 |                                       |  |                  |
| 10        | -4.20    |  |                      | CLAY (Cont'd)           |                   |                 |    |   |   |                     |    |    |     |                                       |  |                  |
| 11        |          |  |                      |                         |                   |                 |    |   |   |                     |    |    |     |                                       |  |                  |
| 12        |          |  |                      |                         |                   |                 |    |   |   |                     |    |    |     | 3,7,11<br>N=18                        | SPT                                    |                  |
| 13        |          |  |                      |                         |                   |                 |    |   |   |                     |    |    |     |                                       |  |                  |
| 14        |          |  |                      |                         |                   |                 |    |   |   |                     |    |    |     |                                       |  |                  |
| 15        | -9.10    |  |                      | END OF HOLE             |                   |                 |    |   |   |                     |    |    |     | MC = 30.8%, WD = 1.9 t/m <sup>3</sup> | U48                                    |                  |
| 16        |          |  |                      |                         |                   |                 |    |   |   |                     |    |    |     |                                       |  |                  |
| 17        |          |  |                      |                         |                   |                 |    |   |   |                     |    |    |     |                                       |  |                  |
| 18        |          |  |                      |                         |                   |                 |    |   |   |                     |    |    |     |                                       |  |                  |
| 19        |          |  |                      |                         |                   |                 |    |   |   |                     |    |    |     |                                       |  |                  |
| 20        |          |  |                      |                         |                   |                 |    |   |   |                     |    |    |     |                                       |  |                  |

REMARKS : \_\_\_\_\_

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*R. De V.*