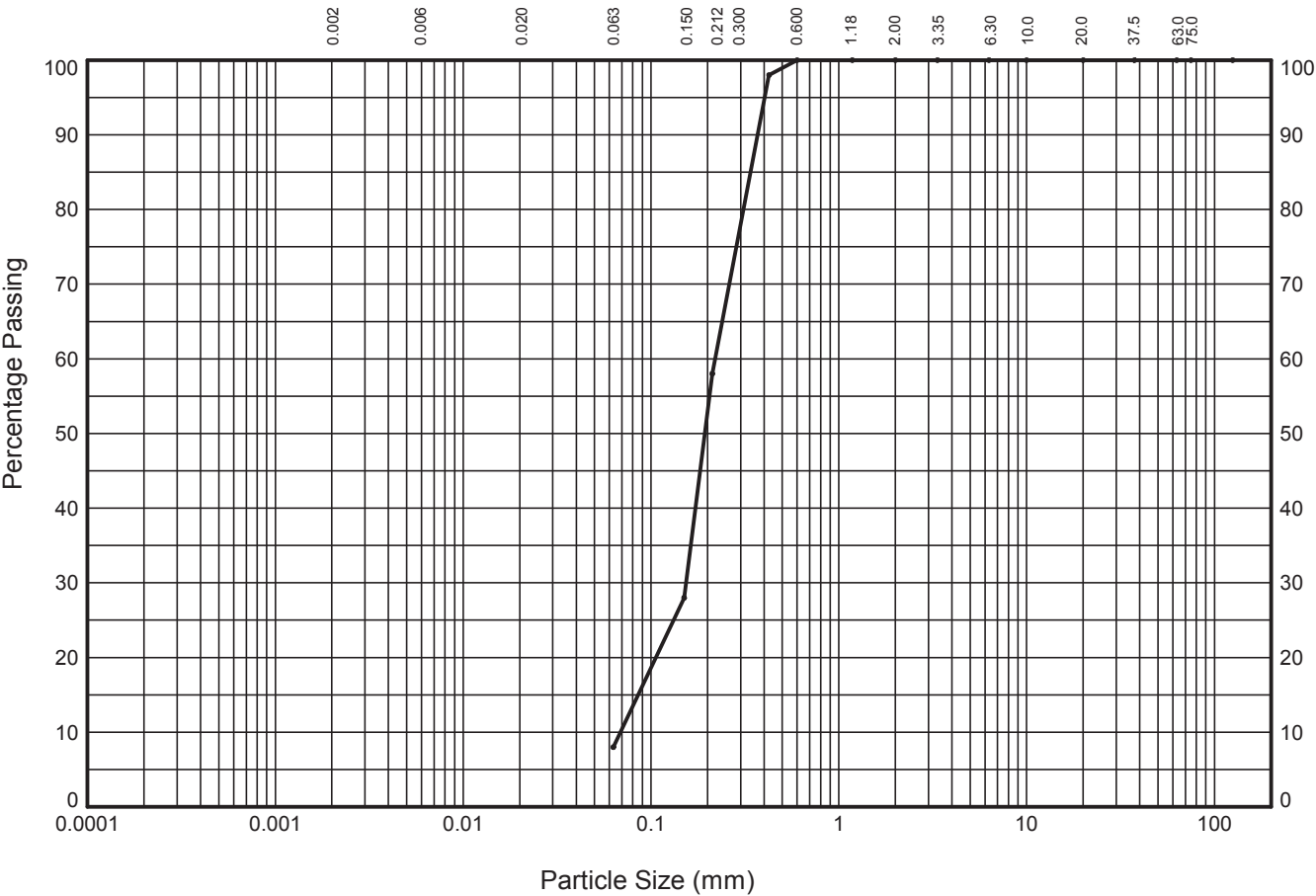


**APPENDIX 7.5:**  
**SOAKAWAY SAMPLES PSD DATA**

# PARTICLE SIZE DISTRIBUTION TEST

In accordance with clauses 9.2 of BS1377:Part 2:1990

Borehole: **BH4**      Sample Ref: **18/08978/24**      Sample Type: **D**      Depth (m): **4.00**



| CLAY | fine | medium | coarse | fine | medium | coarse | fine   | medium | coarse | COBBLES |
|------|------|--------|--------|------|--------|--------|--------|--------|--------|---------|
|      | SILT |        |        | SAND |        |        | GRAVEL |        |        |         |

| Test Sieve (mm) | Percent Passing (%) |
|-----------------|---------------------|
| 125.0           | 100                 |
| 75.0            | 100                 |
| 63.0            | 100                 |
| 37.5            | 100                 |
| 20.0            | 100                 |
| 10.0            | 100                 |
| 6.30            | 100                 |
| 3.35            | 100                 |
| 2.00            | 100                 |
| 1.18            | 100                 |
| 0.600           | 100                 |
| 0.425           | 98                  |
| 0.212           | 58                  |
| 0.150           | 28                  |
| 0.063           | 8                   |

| Particle Diameter (mm)                   | Percent Passing (%) |
|------------------------------------------|---------------------|
|                                          |                     |
| Sedimentation sample was not pre-treated |                     |

| Soil Fraction | Sieve Percentage (%) |
|---------------|----------------------|
| GRAVEL        | 0                    |
| SAND          | 92                   |
| SILT/CLAY     | 8                    |

|                                               |
|-----------------------------------------------|
| Soil Description:<br><b>Brown clayey SAND</b> |
|-----------------------------------------------|



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The Potteries  
Pottery Street  
Castleford  
W. Yorkshire WF10 1NJ

| Compiled By        |  | Date          |
|--------------------|--|---------------|
| <i>Sarah Mundy</i> |  | 09/11/18      |
| Contract           |  | Contract Ref: |
| <b>18/08978</b>    |  | <b>783504</b> |



# PARTICLE SIZE DISTRIBUTION TEST

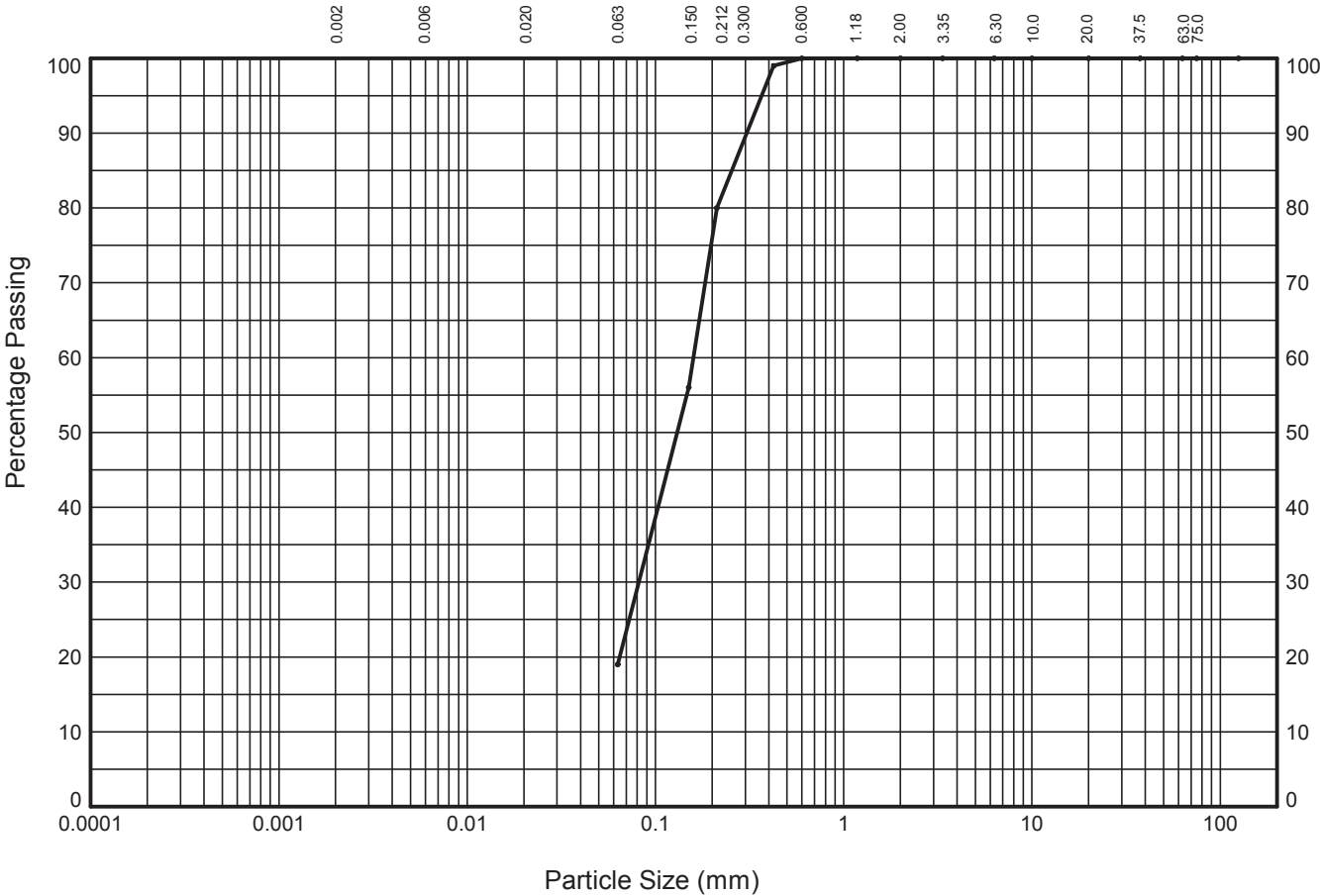
In accordance with clauses 9.2 of BS1377:Part 2:1990

Borehole: **BH4**

Sample Ref: **18/08978/25**

Sample Type: **D**

Depth (m): **7.00**



| CLAY | fine | medium | coarse | fine | medium | coarse | fine   | medium | coarse | COBBLES |
|------|------|--------|--------|------|--------|--------|--------|--------|--------|---------|
|      | SILT |        |        | SAND |        |        | GRAVEL |        |        |         |

| Test Sieve (mm) | Percent Passing (%) |
|-----------------|---------------------|
| 125.0           | 100                 |
| 75.0            | 100                 |
| 63.0            | 100                 |
| 37.5            | 100                 |
| 20.0            | 100                 |
| 10.0            | 100                 |
| 6.30            | 100                 |
| 3.35            | 100                 |
| 2.00            | 100                 |
| 1.18            | 100                 |
| 0.600           | 100                 |
| 0.425           | 99                  |
| 0.212           | 80                  |
| 0.150           | 56                  |
| 0.063           | 19                  |

| Particle Diameter (mm)                   | Percent Passing (%) |
|------------------------------------------|---------------------|
|                                          |                     |
| Sedimentation sample was not pre-treated |                     |

| Soil Fraction | Sieve Percentage (%) |
|---------------|----------------------|
| GRAVEL        | 0                    |
| SAND          | 81                   |
| SILT/CLAY     | 19                   |

Soil Description:  
**Brown clayey SAND**



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Pottery Street  
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*Sarah Mundy*

**SARAH MUNDY**

Date

**09/11/18**

Contract

**18/08978**

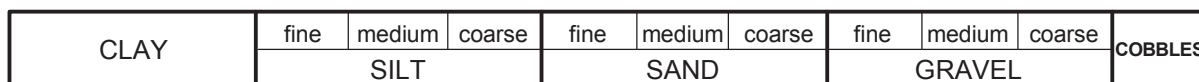
Contract Ref:

**783504**



In accordance with clauses 9.2 of BS1377:Part 2:1990

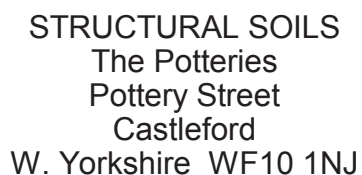
Depth (m): **0.60**



| Particle Diameter (mm)                   | Percent Passing (%) |
|------------------------------------------|---------------------|
|                                          |                     |
| Sedimentation sample was not pre-treated |                     |

| Soil Fraction | Sieve Percentage (%) |
|---------------|----------------------|
| GRAVEL        | <b>44</b>            |
| SAND          | <b>52</b>            |
| SILT/CLAY     | <b>4</b>             |

**Brown slightly clayey very gravelly SAND**



Date \_\_\_\_\_

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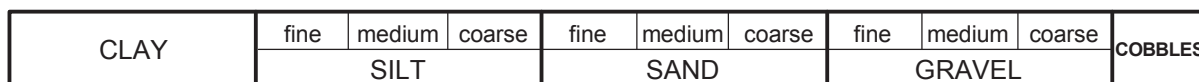
**18/08978**

**783504**



In accordance with clauses 9.2 of BS1377:Part 2:1990

Depth (m): **1.40**



| Particle Diameter (mm)                   | Percent Passing (%) |
|------------------------------------------|---------------------|
| Sedimentation sample was not pre-treated |                     |

| Soil Fraction | Sieve Percentage (%) |
|---------------|----------------------|
| GRAVEL        | <b>0</b>             |
| SAND          | <b>91</b>            |
| SILT/CLAY     | <b>9</b>             |

Soil Description:  
**Brown clayey SAND**



Date \_\_\_\_\_

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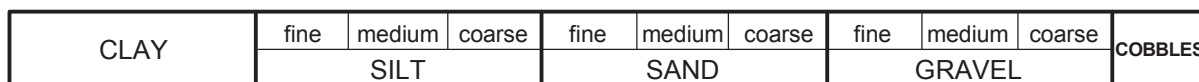
**18/08978**

**783504**



In accordance with clauses 9.2 of BS1377:Part 2:1990

Depth (m): **0.80**



| Particle Diameter (mm)                   | Percent Passing (%) |
|------------------------------------------|---------------------|
|                                          |                     |
| Sedimentation sample was not pre-treated |                     |

| Soil Fraction | Sieve Percentage (%) |
|---------------|----------------------|
| GRAVEL        | <b>9</b>             |
| SAND          | <b>84</b>            |
| SILT/CLAY     | <b>7</b>             |

Soil Description:  
**Brown clayey gravelly SAND**



Date \_\_\_\_\_

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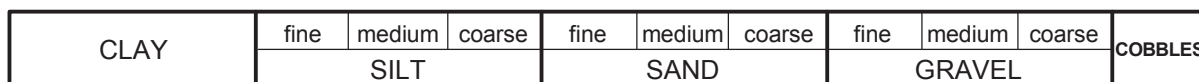
|               |
|---------------|
| Contract Ref: |
|---------------|

**783504**



In accordance with clauses 9.2 of BS1377:Part 2:1990

Depth (m): **0.80**



| Particle Diameter (mm)                   | Percent Passing (%) |
|------------------------------------------|---------------------|
| Sedimentation sample was not pre-treated |                     |

| Soil Fraction | Sieve Percentage (%) |
|---------------|----------------------|
| GRAVEL        | <b>0</b>             |
| SAND          | <b>98</b>            |
| SILT/CLAY     | <b>2</b>             |

Soil Description:  
**Brown slightly clayey SAND**



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**18/08978**

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| Contract Ref: |
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**783504**

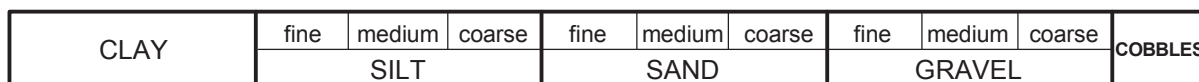
Date \_\_\_\_\_

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In accordance with clauses 9.2 of BS1377:Part 2:1990

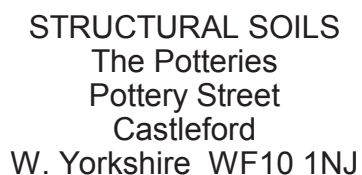
Depth (m): **0.50**



| Particle Diameter (mm)                   | Percent Passing (%) |
|------------------------------------------|---------------------|
| Sedimentation sample was not pre-treated |                     |

| Soil Fraction | Sieve Percentage (%) |
|---------------|----------------------|
| GRAVEL        | <b>1</b>             |
| SAND          | <b>98</b>            |
| SILT/CLAY     | <b>1</b>             |

**Brown slightly clayey slightly gravelly SAND**



Date \_\_\_\_\_

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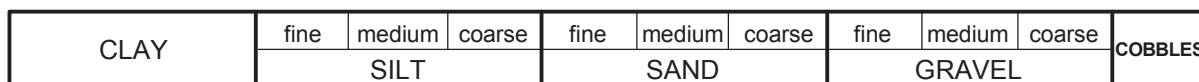
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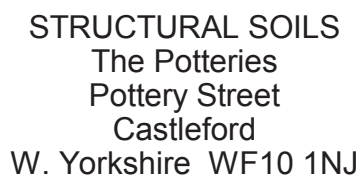
In accordance with clauses 9.2 of BS1377:Part 2:1990

Depth (m): **1.00**

| Particle Diameter (mm)                   | Percent Passing (%) |
|------------------------------------------|---------------------|
|                                          |                     |
| Sedimentation sample was not pre-treated |                     |

| Soil Fraction | Sieve Percentage (%) |
|---------------|----------------------|
| GRAVEL        | <b>14</b>            |
| SAND          | <b>83</b>            |
| SILT/CLAY     | <b>3</b>             |

**Brown slightly clayey gravelly SAND**



Date \_\_\_\_\_

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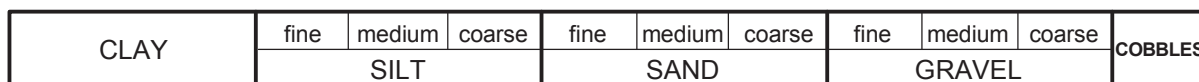
**18/08978**

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In accordance with clauses 9.2 of BS1377:Part 2:1990

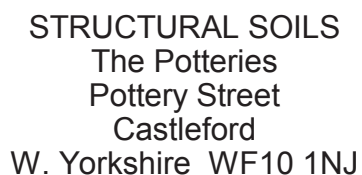
Depth (m): **1.60**



| Particle Diameter (mm)                   | Percent Passing (%) |
|------------------------------------------|---------------------|
| Sedimentation sample was not pre-treated |                     |

| Soil Fraction | Sieve Percentage (%) |
|---------------|----------------------|
| GRAVEL        | <b>34</b>            |
| SAND          | <b>63</b>            |
| SILT/CLAY     | <b>3</b>             |

Soil Description:  
**Brown slightly clayey very gravelly SAND**



Date \_\_\_\_\_

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**783504**



# PARTICLE SIZE DISTRIBUTION TEST

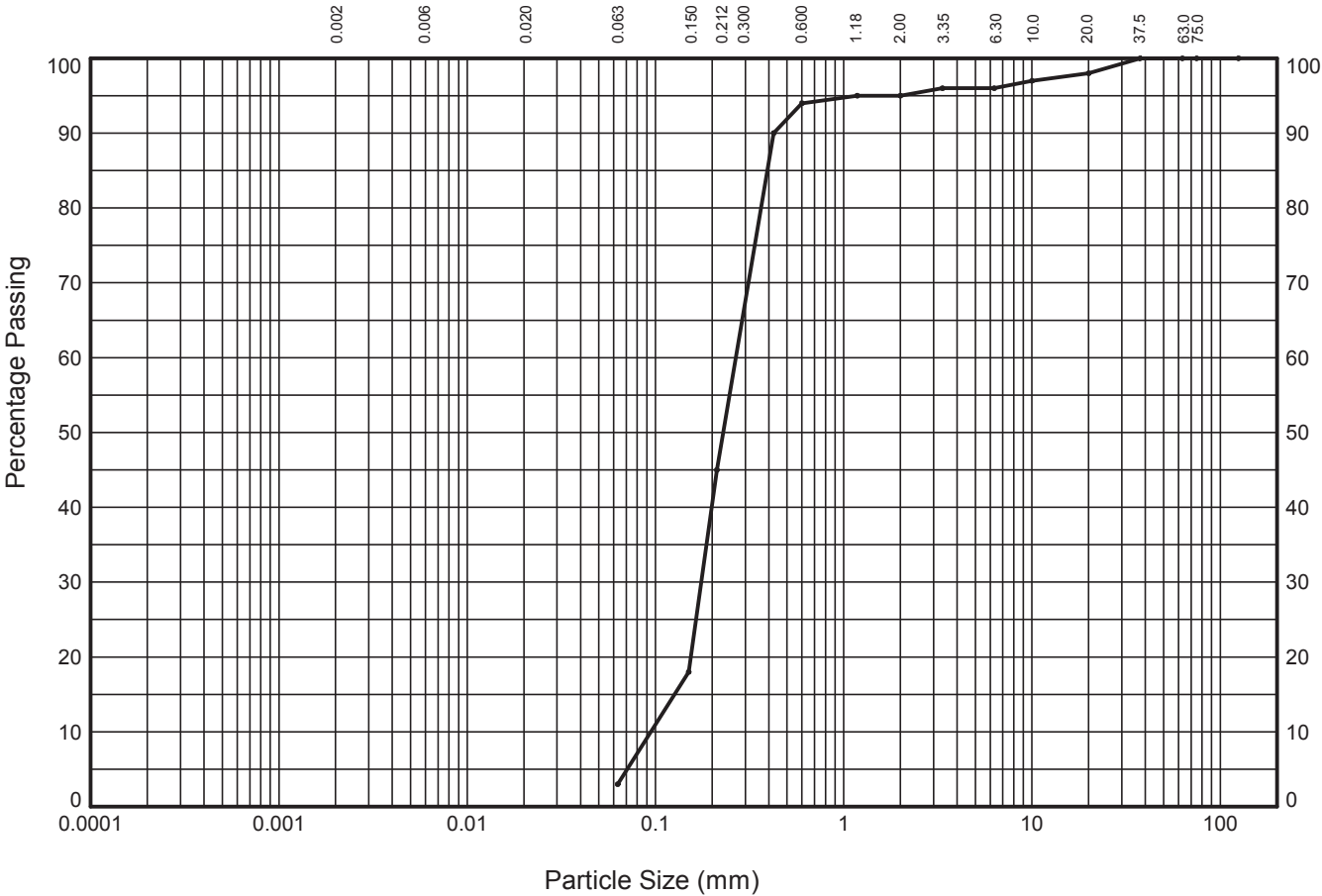
In accordance with clauses 9.2 of BS1377:Part 2:1990

Trial Pit: **TP04**

Sample Ref: **18/08978/2**

Sample Type: **D**

Depth (m): **1.40**



| CLAY | fine | medium | coarse | fine | medium | coarse | fine   | medium | coarse | COBBLES |
|------|------|--------|--------|------|--------|--------|--------|--------|--------|---------|
|      | SILT |        |        | SAND |        |        | GRAVEL |        |        |         |

| Test Sieve (mm) | Percent Passing (%) |
|-----------------|---------------------|
| 125.0           | 100                 |
| 75.0            | 100                 |
| 63.0            | 100                 |
| 37.5            | 100                 |
| 20.0            | 98                  |
| 10.0            | 97                  |
| 6.30            | 96                  |
| 3.35            | 96                  |
| 2.00            | 95                  |
| 1.18            | 95                  |
| 0.600           | 94                  |
| 0.425           | 90                  |
| 0.212           | 45                  |
| 0.150           | 18                  |
| 0.063           | 3                   |

| Particle Diameter (mm)                   | Percent Passing (%) |
|------------------------------------------|---------------------|
|                                          |                     |
| Sedimentation sample was not pre-treated |                     |

| Soil Fraction | Sieve Percentage (%) |
|---------------|----------------------|
| GRAVEL        | 5                    |
| SAND          | 92                   |
| SILT/CLAY     | 3                    |

Soil Description:  
**Brown slightly clayey gravelly SAND**



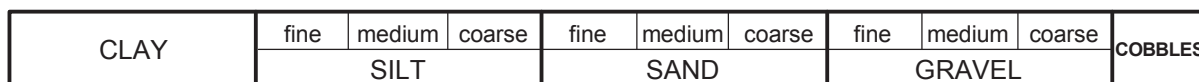
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W. Yorkshire WF10 1NJ

| Compiled By        |  | Date          |
|--------------------|--|---------------|
| <i>Sarah Mundy</i> |  | 09/11/18      |
| Contract           |  | Contract Ref: |
| 18/08978           |  | 783504        |



In accordance with clauses 9.2 of BS1377:Part 2:1990

Depth (m): **2.00**



| Particle Diameter (mm)                   | Percent Passing (%) |
|------------------------------------------|---------------------|
| Sedimentation sample was not pre-treated |                     |

| Soil Fraction | Sieve Percentage (%) |
|---------------|----------------------|
| GRAVEL        | <b>0</b>             |
| SAND          | <b>96</b>            |
| SILT/CLAY     | <b>4</b>             |

Soil Description:  
**Brown slightly clayey SAND**



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