

APPENDIX 7.5:
SOAKAWAY SAMPLES PSD DATA

PARTICLE SIZE DISTRIBUTION TEST

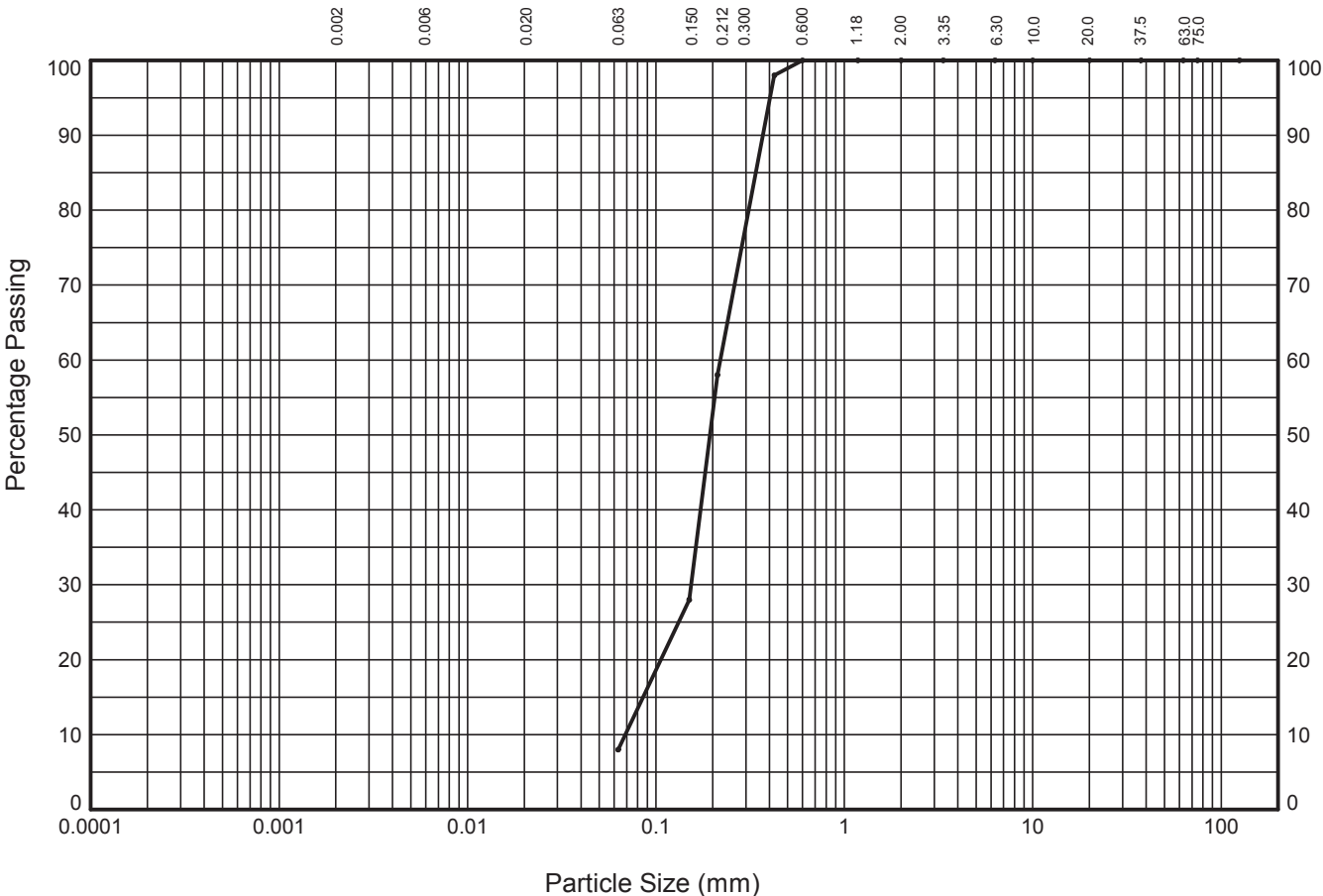
In accordance with clauses 9.2 of BS1377:Part 2:1990

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:
Brown clayey SAND



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The Potteries
Pottery Street
Castleford
W. Yorkshire WF10 1NJ

Compiled By

Sarah Mundy

SARAH MUNDY

Date

09/11/18

Contract

18/08978

Contract Ref:

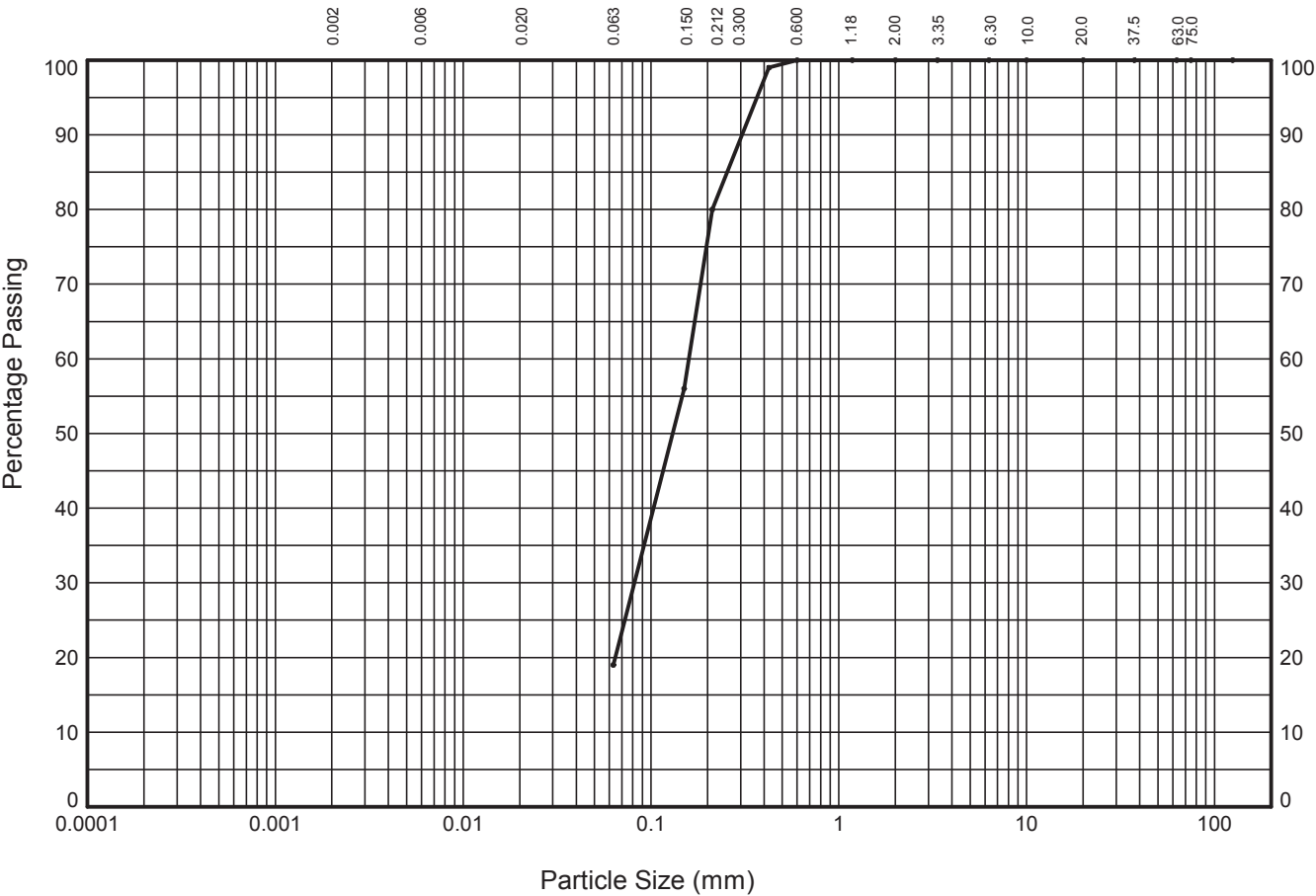
783504



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



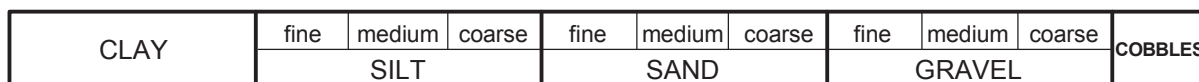
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Contract		Contract Ref:
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In accordance with clauses 9.2 of BS1377:Part 2:1990

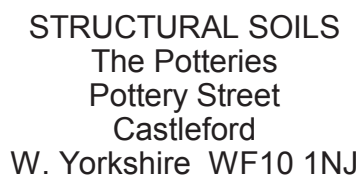
Depth (m): **0.60**



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

Soil Fraction	Sieve Percentage (%)
GRAVEL	44
SAND	52
SILT/CLAY	4

Brown slightly clayey very gravelly SAND



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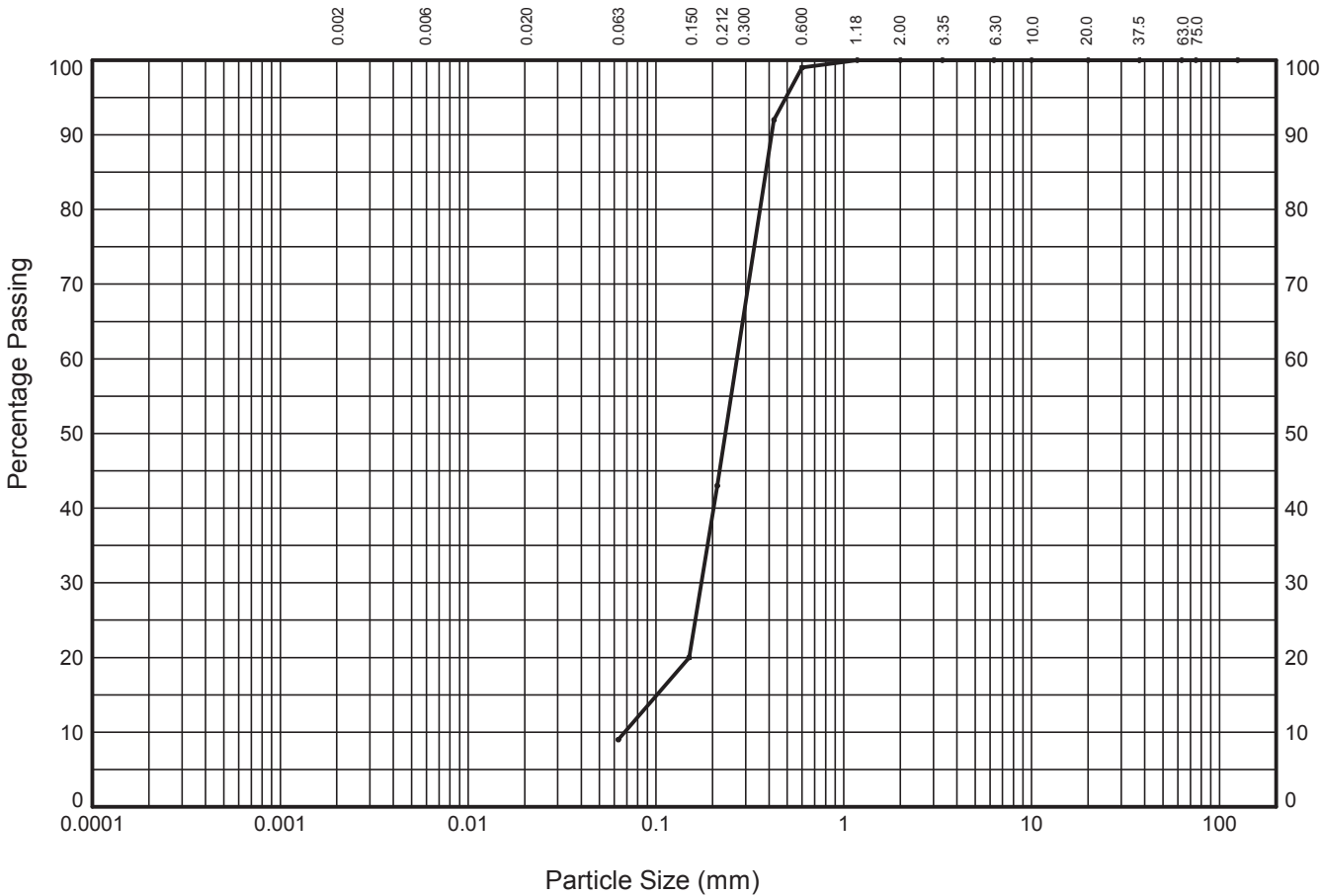
783504



PARTICLE SIZE DISTRIBUTION TEST

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

Position ID: **SA2** Sample Ref: **18/08978/17** 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	100
10.0	100
6.30	100
3.35	100
2.00	100
1.18	100
0.600	99
0.425	92
0.212	43
0.150	20
0.063	9

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

Soil Fraction	Sieve Percentage (%)
GRAVEL	0
SAND	91
SILT/CLAY	9

Soil Description:
Brown clayey SAND



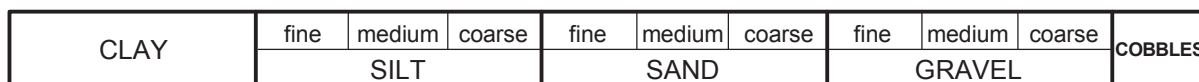
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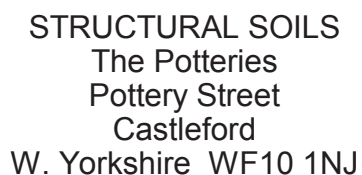
Depth (m): **0.80**



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

Soil Fraction	Sieve Percentage (%)
GRAVEL	9
SAND	84
SILT/CLAY	7

Soil Description:
Brown clayey gravelly SAND



Date _____

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PARTICLE SIZE DISTRIBUTION TEST

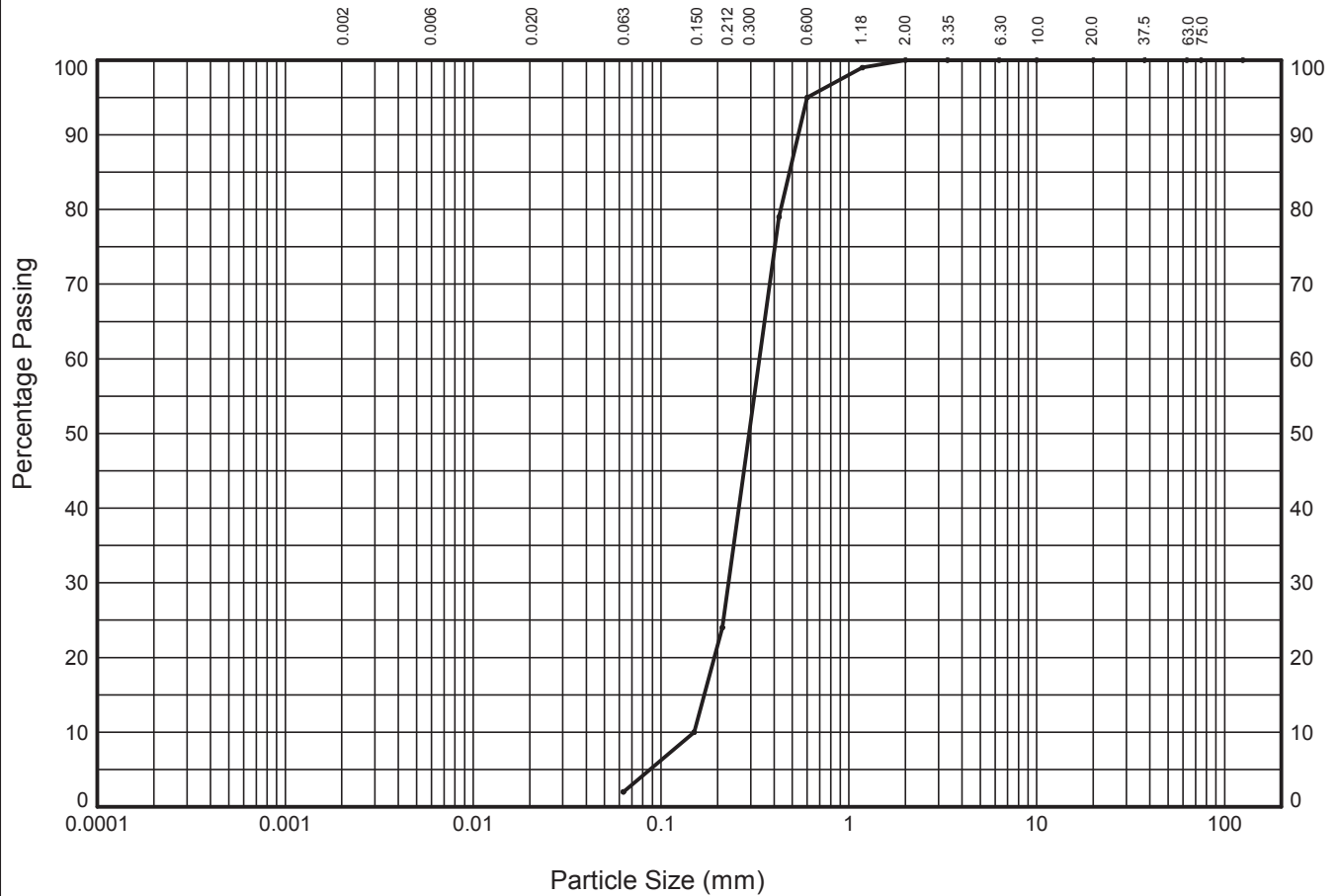
In accordance with clauses 9.2 of BS1377:Part 2:1990

Position ID: **SA5**

Sample Ref: **18/08978/19**

Sample Type: **D**

Depth (m): **0.80**



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	99
0.600	95
0.425	79
0.212	24
0.150	10
0.063	2

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

Soil Fraction	Sieve Percentage (%)
GRAVEL	0
SAND	98
SILT/CLAY	2

Soil Description:
Brown slightly clayey SAND



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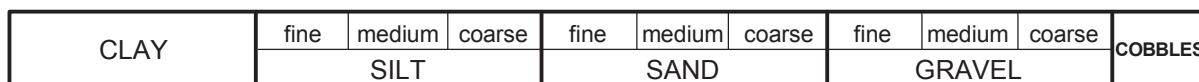
Contract Ref:

783504



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

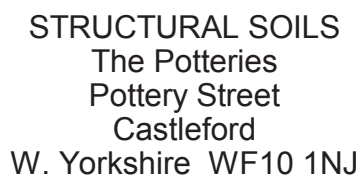
Depth (m): **0.50**



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

Soil Fraction	Sieve Percentage (%)
GRAVEL	1
SAND	98
SILT/CLAY	1

Brown slightly clayey slightly gravelly SAND



Date _____

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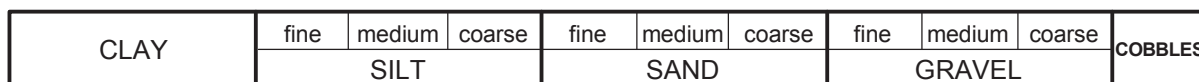
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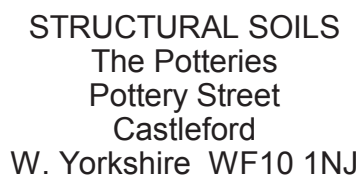
In accordance with clauses 9.2 of BS1377:Part 2:1990

Depth (m): **1.00**

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

Soil Fraction	Sieve Percentage (%)
GRAVEL	14
SAND	83
SILT/CLAY	3

Brown slightly clayey gravelly SAND



Date _____

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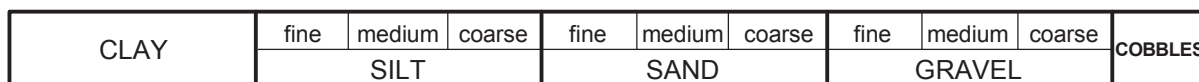
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In accordance with clauses 9.2 of BS1377:Part 2:1990

Depth (m): **1.60**



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

Soil Fraction	Sieve Percentage (%)
GRAVEL	34
SAND	63
SILT/CLAY	3

Soil Description:
Brown slightly clayey very gravelly SAND



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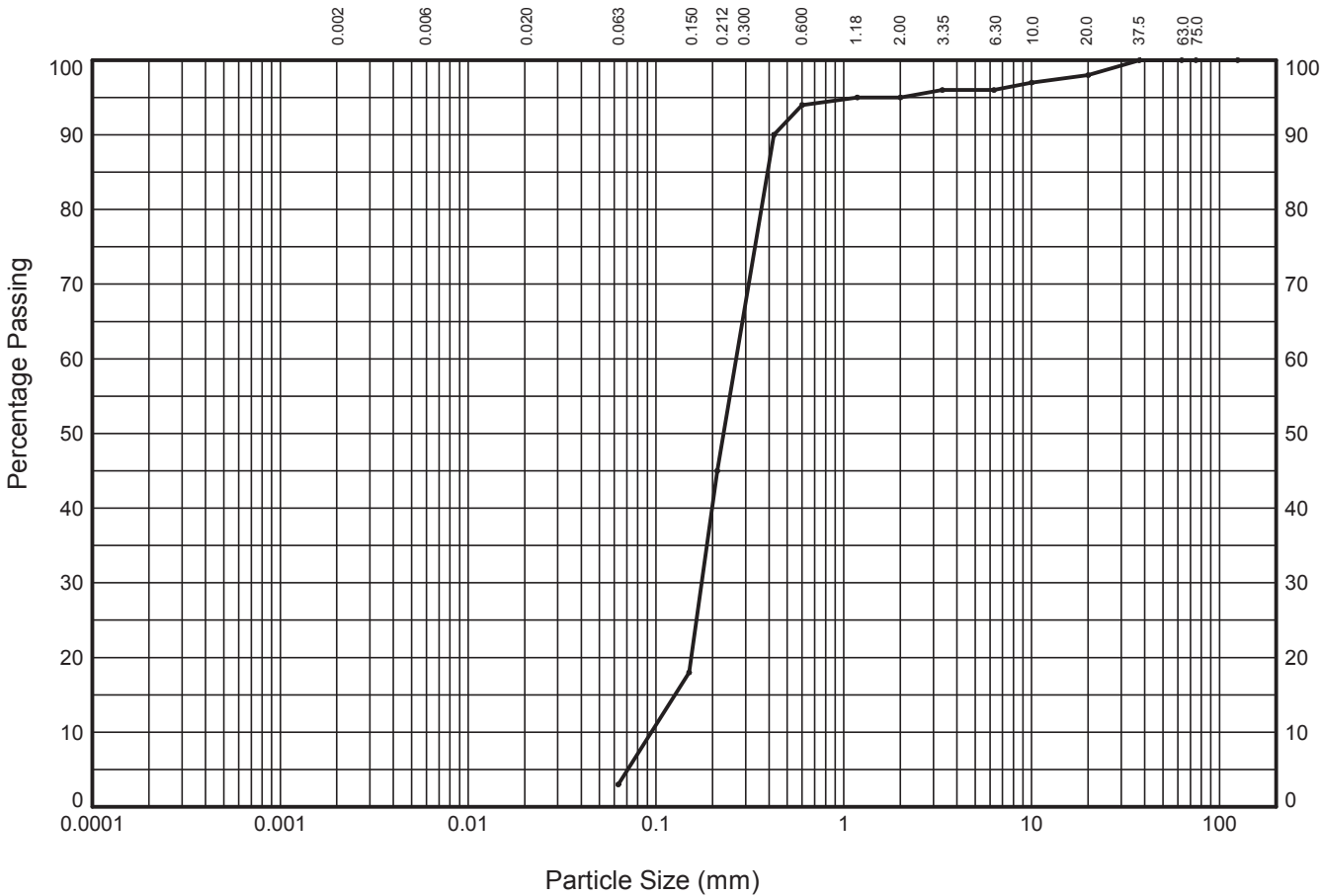
09/11/18



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



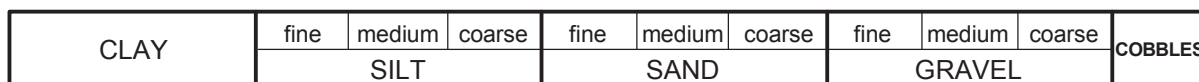
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Depth (m): **2.00**



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

Soil Fraction	Sieve Percentage (%)
GRAVEL	0
SAND	96
SILT/CLAY	4

Soil Description:
Brown slightly clayey SAND



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