



2788

# Laboratory Report



## Contract Number: 70447

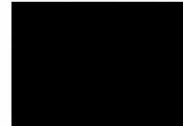
Client Ref: **8711**  
Client PO: **12143**

Date Received: **30-01-2024**  
Date Completed: **02-02-2024**  
Report Date: **02-02-2024**

Client: **Earth Science Partnership**

This report has been checked and approved by:

Contract Title: **Clive Road - 8711**  
For the attention of: **Slade Whittaker**



**Brendan Evans**  
Office Administrator

Description	Qty
<b>Moisture Content</b> BS 1377:1990 - Part 2 : 3.2 - * UKAS	1
<b>4 Point Liquid &amp; Plastic Limit</b> BS 1377:1990 - Part 2 : 4.3 & 5.3 - * UKAS	1
<b>PSD Wet Sieve method</b> BS 1377:1990 - Part 2 : 9.2 - * UKAS	4
<b>Disposal of samples for job</b>	1

**Notes:** Observations and Interpretations are outside the UKAS Accreditation  
\* - denotes test included in laboratory scope of accreditation  
# - denotes test carried out by approved contractor  
@ - denotes non accredited tests

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**Approved Signatories:**

Brendan Evans (Office Administrator) - Darren Bourne (Quality Senior Technician) - Paul Evans (Director)  
Richard John (Quality/Technical Manager) - Shaun Jones (Laboratory manager) - Shaun Thomas (Site Manager)  
Wayne Honey (Human Resources/ Health and Safety Manager)







**PARTICLE SIZE DISTRIBUTION  
BS 1377 Part 2:1990  
Wet Sieve, Clause 9.2**

Contract Number 70447

Borehole/Pit No. TP101

Project Name Clive Road - 8711

Sample No.

Soil Description Brown slightly silty/ clayey slightly sandy fine to coarse GRAVEL with cobbles

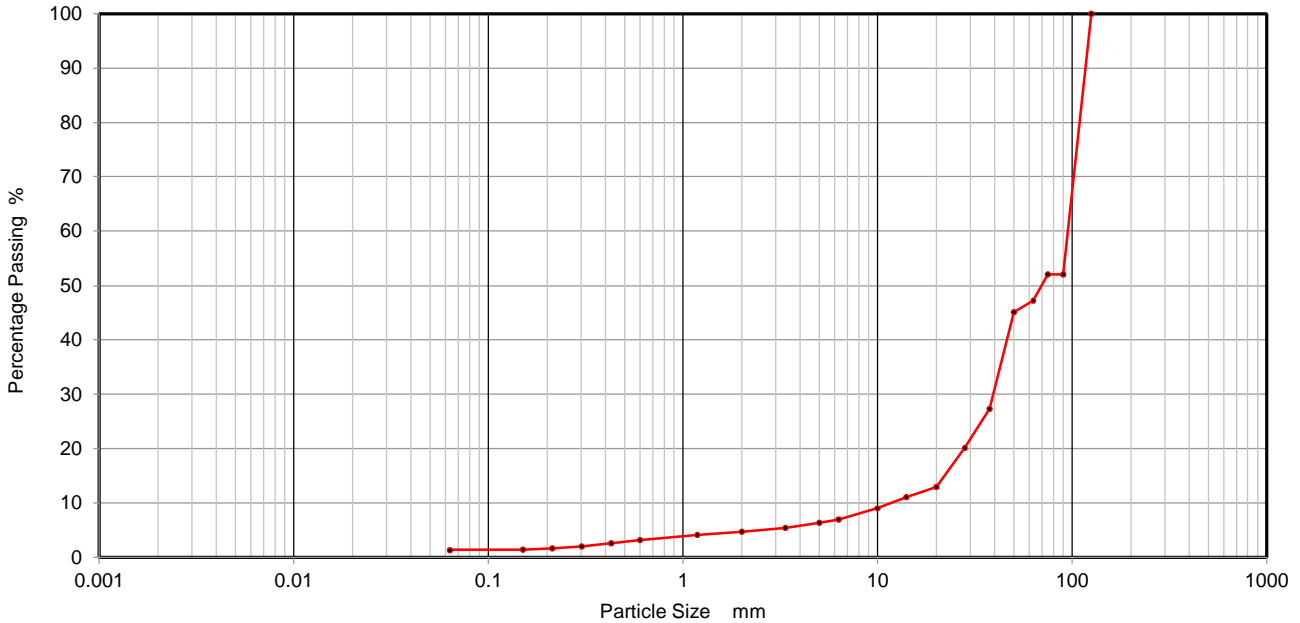
Depth Top 1.00

Depth Base

Date Tested 31/01/2024

Sample Type B

CLAY	SILT			SAND			GRAVEL			COBBLES	BOULDERS
	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	52		
75	52		
63	47		
50	45		
37.5	27		
28	20		
20	13		
14	11		
10	9		
6.3	7		
5	6		
3.35	6		
2	5		
1.18	4		
0.6	3		
0.425	3		
0.3	2		
0.212	2		
0.15	1		
0.063	1		

Sample Proportions	% dry mass
Cobbles	53
Gravel	42
Sand	4
Silt and Clay	1

Remarks  
Preparation and testing in accordance with BS1377 unless noted below

Operator
David Edwards



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**PARTICLE SIZE DISTRIBUTION  
BS 1377 Part 2:1990  
Wet Sieve, Clause 9.2**

Contract Number 70447

Borehole/Pit No. TP102

Project Name Clive Road - 8711

Sample No.

Soil Description Brown slightly silty/ clayey fine to coarse sandy fine to coarse GRAVEL with cobbles

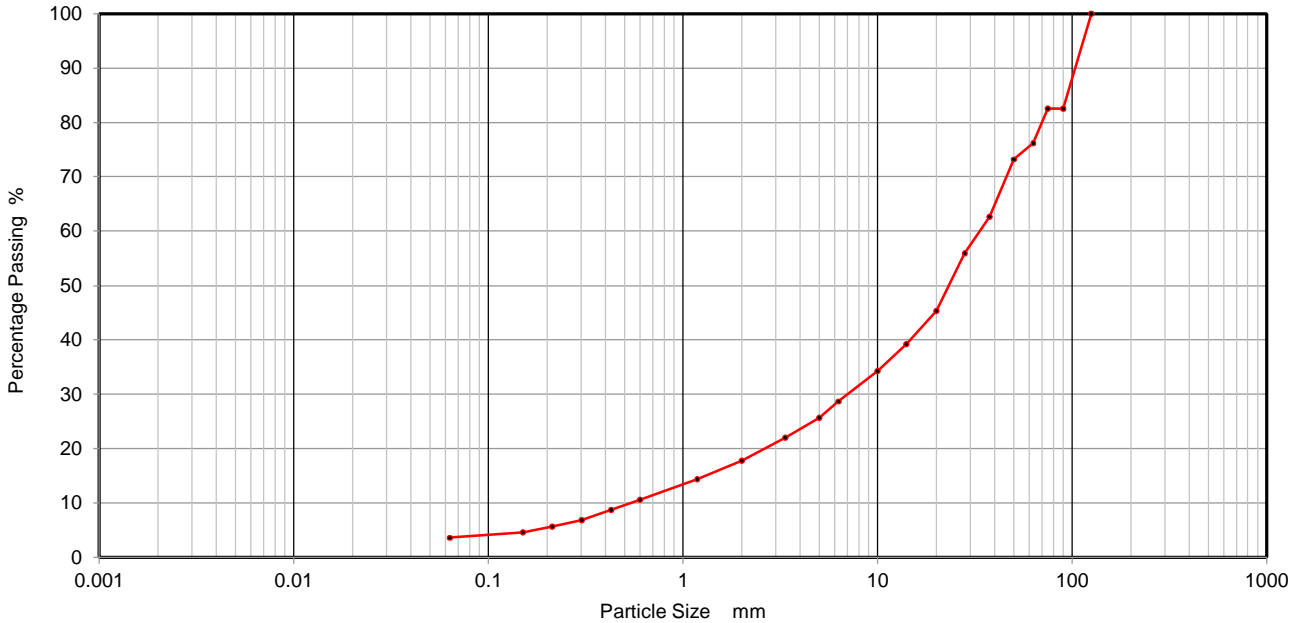
Depth Top 1.00

Depth Base

Date Tested 31/01/2024

Sample Type B

CLAY	SILT			SAND			GRAVEL			COBBLES	BOULDERS
	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	82		
75	82		
63	76		
50	73		
37.5	63		
28	56		
20	45		
14	39		
10	34		
6.3	29		
5	26		
3.35	22		
2	18		
1.18	14		
0.6	11		
0.425	9		
0.3	7		
0.212	6		
0.15	5		
0.063	4		

Sample Proportions	% dry mass
Cobbles	24
Gravel	58
Sand	14
Silt and Clay	4

Remarks  
Preparation and testing in accordance with BS1377 unless noted below

Operator
David Edwards



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**PARTICLE SIZE DISTRIBUTION  
BS 1377 Part 2:1990  
Wet Sieve, Clause 9.2**

Contract Number 70447

Borehole/Pit No. TP103

Project Name Clive Road - 8711

Sample No.

Soil Description Brown slightly silty/ clayey slightly sandy fine to coarse GRAVEL with cobbles

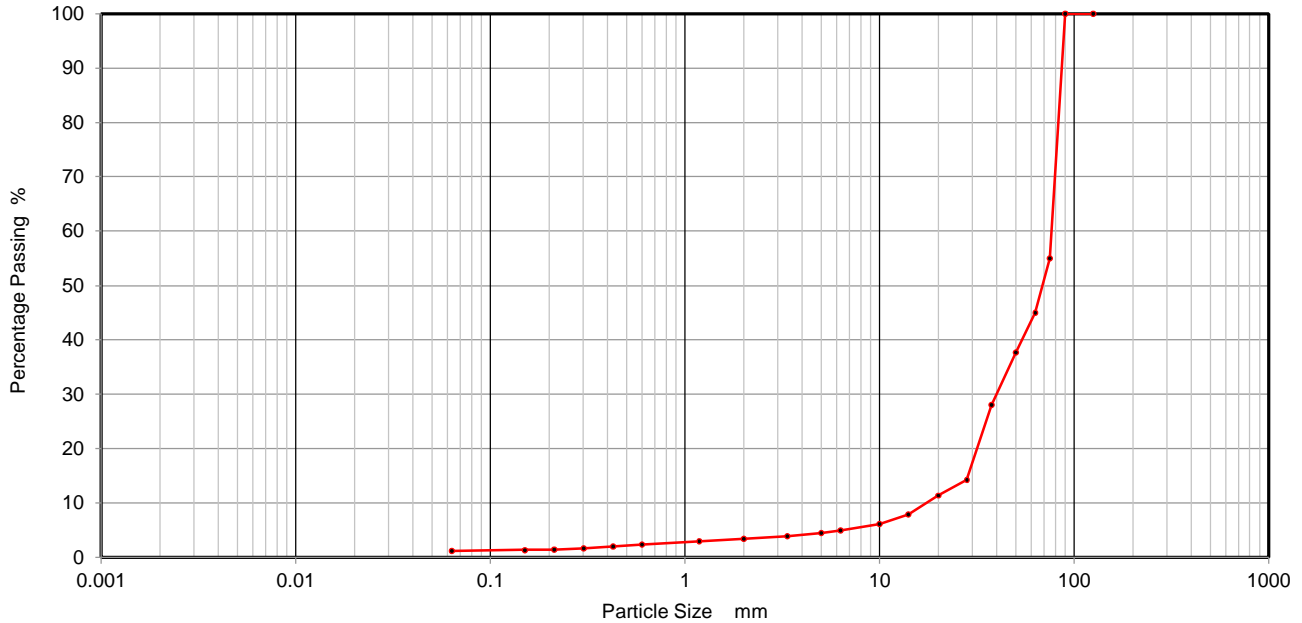
Depth Top 1.50

Depth Base

Date Tested 31/01/2024

Sample Type B

CLAY	SILT			SAND			GRAVEL			COBBLES	BOULDERS
	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	55		
63	45		
50	38		
37.5	28		
28	14		
20	11		
14	8		
10	6		
6.3	5		
5	4		
3.35	4		
2	3		
1.18	3		
0.6	2		
0.425	2		
0.3	2		
0.212	2		
0.15	1		
0.063	1		

Sample Proportions	% dry mass
Cobbles	55
Gravel	42
Sand	2
Silt and Clay	1

Remarks  
Preparation and testing in accordance with BS1377 unless noted below

Operator
David Edwards





**PARTICLE SIZE DISTRIBUTION  
BS 1377 Part 2:1990  
Wet Sieve, Clause 9.2**

Contract Number 70447

Borehole/Pit No. WS03

Project Name Clive Road - 8711

Sample No.

Soil Description Brown slightly silty/ clayey fine to coarse sandy fine to coarse GRAVEL

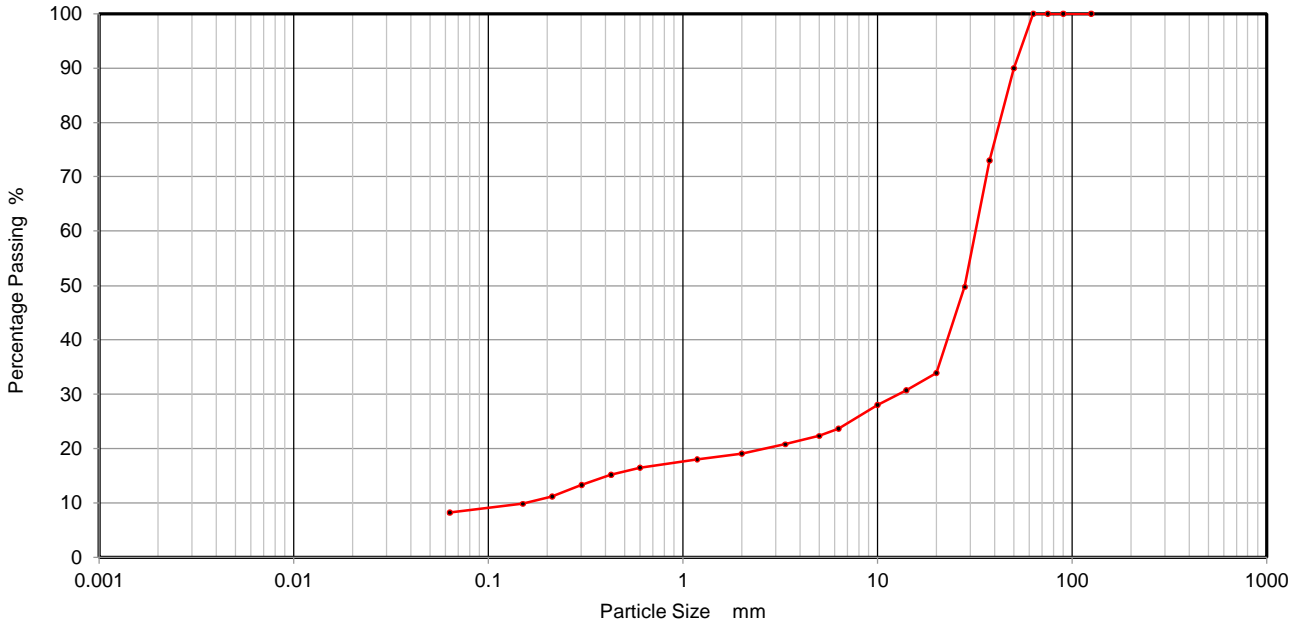
Depth Top 0.60

Depth Base 1.00

Date Tested 31/01/2024

Sample Type B

CLAY	SILT			SAND			GRAVEL			COBBLES	BOULDERS
	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	90		
37.5	73		
28	50		
20	34		
14	31		
10	28		
6.3	24		
5	22		
3.35	21		
2	19		
1.18	18		
0.6	16		
0.425	15		
0.3	13		
0.212	11		
0.15	10		
0.063	8		

Sample Proportions	% dry mass
Cobbles	0
Gravel	81
Sand	11
Silt and Clay	8

Remarks  
Preparation and testing in accordance with BS1377 unless noted below

Operator
David Edwards



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