

TEST REPORT

Client Earth Environmental & Geotechnical Ltd

Address Houldsworth Mill Business & Arts Centre
Houldsworth Mill
Reddish
Stockport
SK5 6DA

Contract A5255 -
23 Ringley Road, Whitefield

Job Number MRN 4589/21
Date of Issue 29 March 2023
Page 1 of 6

Approved Signatories

S J Hutchings, O P Davies

Notes

- 1 All remaining samples and remnants from this contract will be disposed 28 days from the date of this report unless you notify us to the contrary.
- 2 Result certificates, in this report, not bearing a UKAS mark, are not included in our UKAS accreditation schedule.
- 3 Opinions and interpretations expressed herein are outside the scope of our UKAS accreditation.
- 4 Certified that the samples have been examined and tested in accordance with the terms of the contract/order and unless otherwise stated conform to the standards/specifications quoted.
- 5 The results included within the report are representative of the samples submitted for analysis.
- 6 This certificate should not be reproduced, except in full, without the express permission of the laboratory.

TEST CERTIFICATE
PARTICLE SIZE DISTRIBUTION

BS EN ISO 17892-4:2016

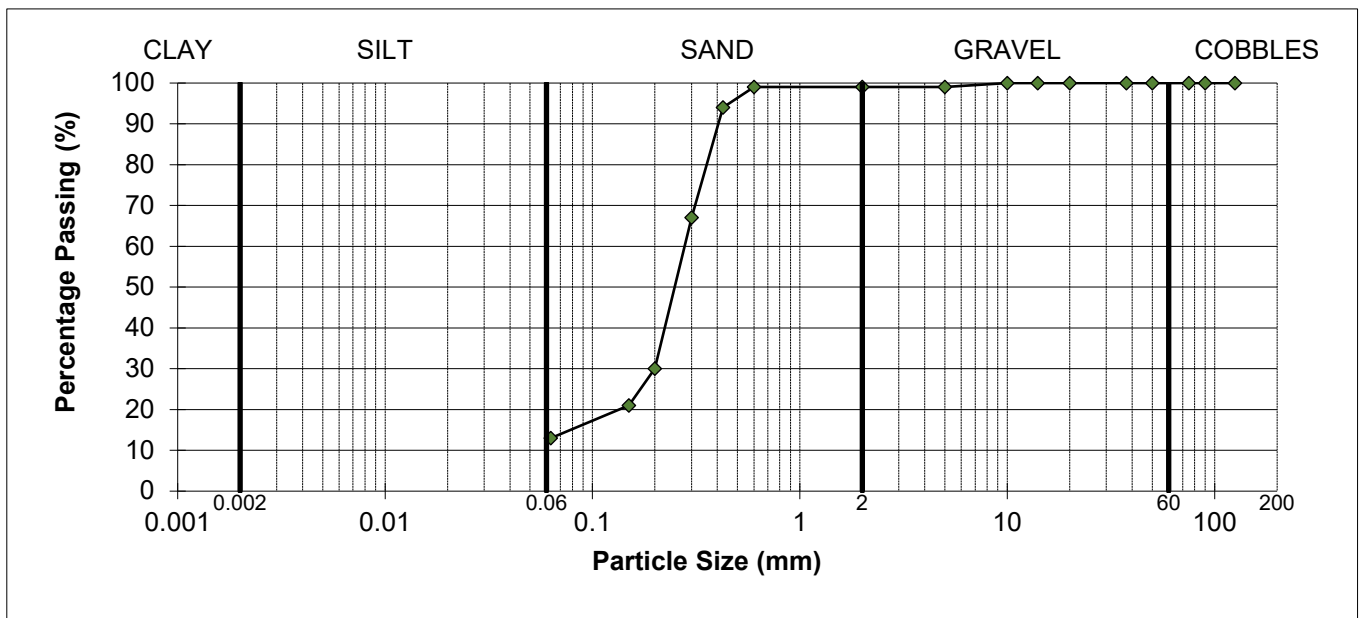
Determination of Water Content in accordance with BS EN ISO 17892-1:2014 (Oven Dry)

CLIENT	Earth Environmental & Geotechnical Ltd
SITE	A5255 - 23 Ringley Road, Whitefield
JOB NUMBER	MRN 4589/21

SAMPLE LABEL	WS1	DATE SAMPLED	10-Mar-23
LAB SAMPLE No	122390	DATE RECEIVED	10-Mar-23
DATE TESTED	16-Mar-23	SAMPLED BY	Client

MATERIAL	Yellow brown silty slightly gravelly SAND
ADVISED SOURCE	Site Investigation Sample

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100		5	99	
90	100		2	99	
75	100		0.6	99	
50	100		0.425	94	
37.5	100		0.3	67	
20	100		0.2	30	
14	100		0.15	21	
10	100		0.063	13	



REMARKS

SIGNED



NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

29-Mar-23

TEST CERTIFICATE
PARTICLE SIZE DISTRIBUTION

BS EN ISO 17892-4:2016

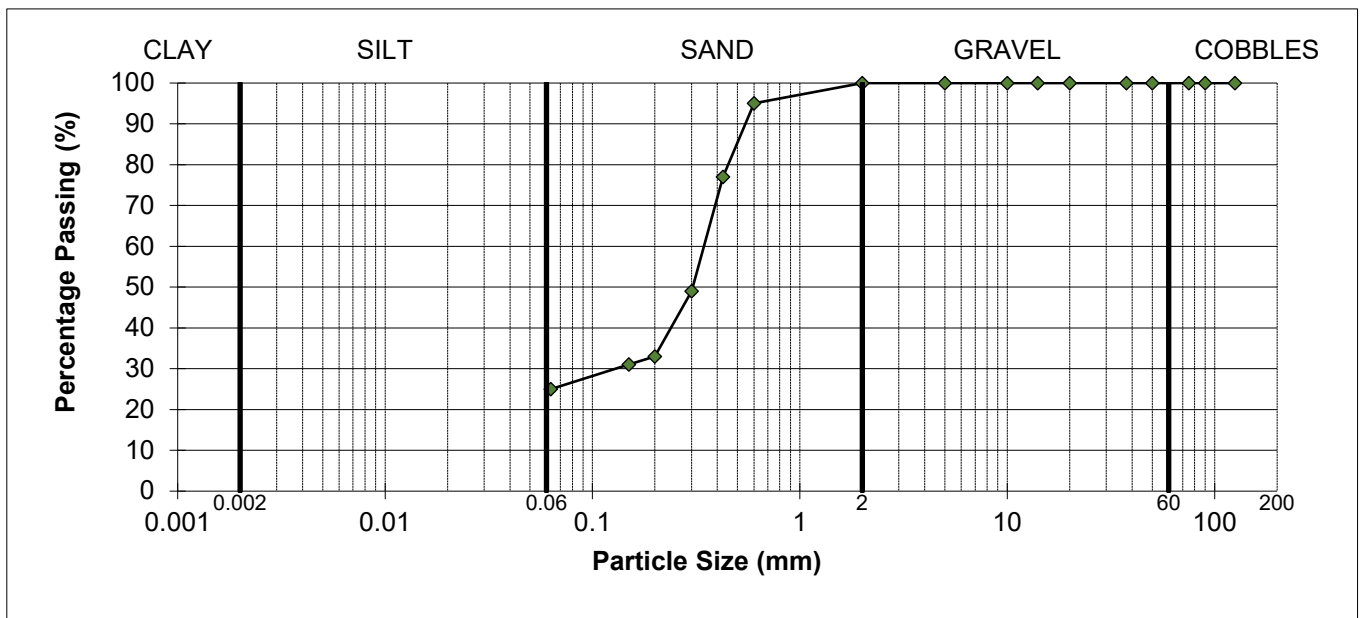
Determination of Water Content in accordance with BS EN ISO 17892-1:2014 (Oven Dry)

CLIENT	Earth Environmental & Geotechnical Ltd
SITE	A5255 - 23 Ringley Road, Whitefield
JOB NUMBER	MRN 4589/21

SAMPLE LABEL	WS2	DATE SAMPLED	10-Mar-23
LAB SAMPLE No	122391	DATE RECEIVED	10-Mar-23
DATE TESTED	16-Mar-23	SAMPLED BY	Client

MATERIAL	Yellow brown silty SAND
ADVISED SOURCE	Site Investigation Sample

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100		5	100	
90	100		2	100	
75	100		0.6	95	
50	100		0.425	77	
37.5	100		0.3	49	
20	100		0.2	33	
14	100		0.15	31	
10	100		0.063	25	



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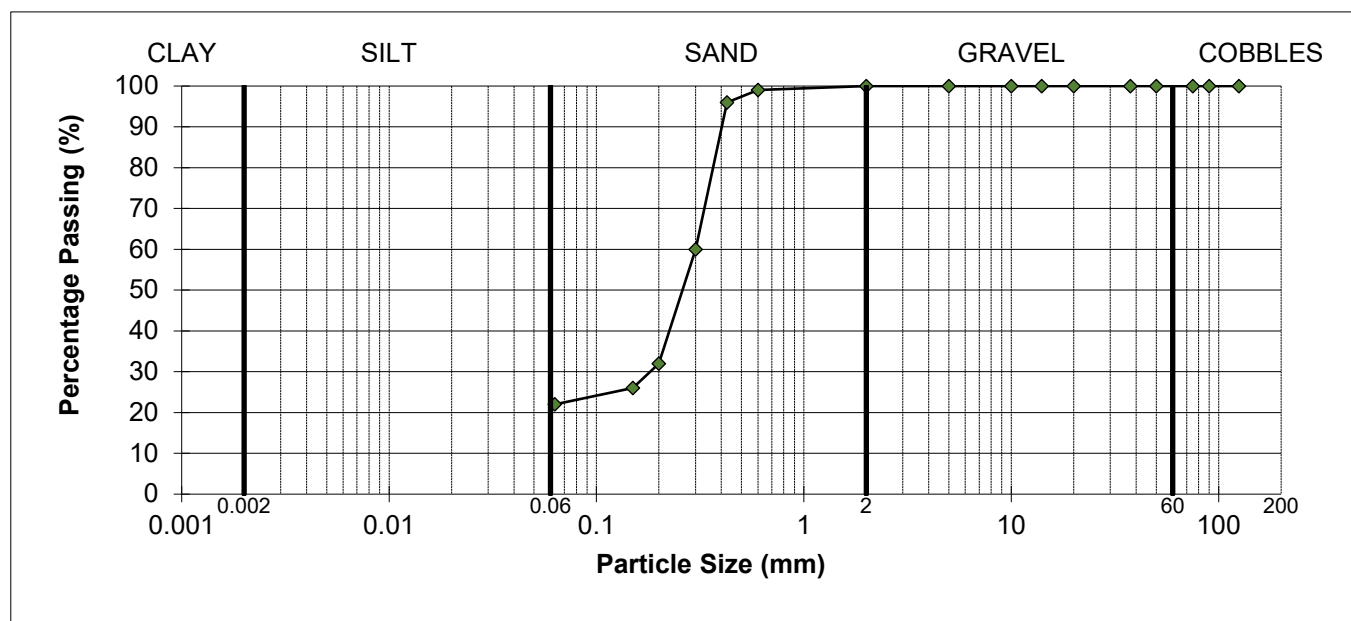
Determination of Water Content in accordance with BS EN ISO 17892-1:2014 (Oven Dry)

CLIENT	Earth Environmental & Geotechnical Ltd
SITE	A5255 - 23 Ringley Road, Whitefield
JOB NUMBER	MRN 4589/21

SAMPLE LABEL	WS3	DATE SAMPLED	10-Mar-23
LAB SAMPLE No	122392	DATE RECEIVED	10-Mar-23
DATE TESTED	16-Mar-23	SAMPLED BY	Client

MATERIAL	Yellow brown silty SAND
ADVISED SOURCE	Site Investigation Sample

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100		5	100	
90	100		2	100	
75	100		0.6	99	
50	100		0.425	96	
37.5	100		0.3	60	
20	100		0.2	32	
14	100		0.15	26	
10	100		0.063	22	



REMARKS

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NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

29-Mar-23

MURRAY RIX

ANDREW HOUSE, HADFIELD STREET,
DUKINFIELD, CHESHIRE SK16 4QX
TEL 0161 475 0870

TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS EN ISO 17892-4:2016

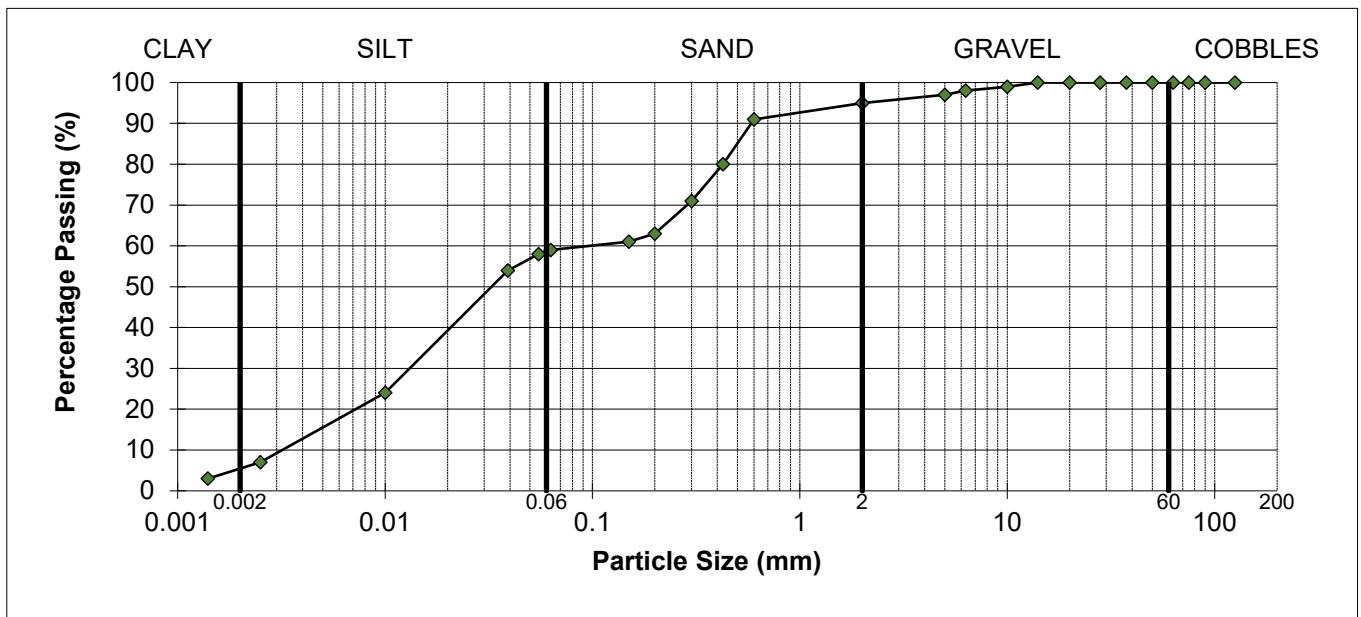
Determination of Water Content in accordance with BS EN ISO 17892-1:2014 (Oven Dry)

CLIENT	Earth Environmental & Geotechnical Ltd
SITE	A5255 - 23 Ringley Road, Whitefield
JOB NUMBER	MRN 4589/21

SAMPLE LABEL	WS4	DATE SAMPLED	10-Mar-23
LAB SAMPLE No	122393	DATE RECEIVED	10-Mar-23
DATE TESTED	16-Mar-23	SAMPLED BY	Client

MATERIAL	Yellow brown clay bound silty slightly gravelly SAND
ADVISED SOURCE	Site Investigation Sample

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100		2	95	
90	100		0.6	91	
75	100		0.425	80	
63	100		0.3	71	
50	100		0.2	63	
37.5	100		0.15	61	
28	100		0.063	59	
20	100		0.055	58	
14	100		0.039	54	
10	99		0.01	24	
6.3	98		0.0025	7	
5	97		0.0014	3	



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MURRAY RIX

ANDREW HOUSE, HADFIELD STREET,
DUKINFIELD, CHESHIRE SK16 4QX
TEL 0161 475 0870

TEST CERTIFICATE

DETERMINATION OF WATER-SOLUBLE SULPHATE IN SOIL
& DETERMINATION OF THE pH VALUE
BS 1377-3:2018+A1:2021, Cl. 7.3 & Cl. 12

CLIENT	Earth Environmental & Geotechnical Ltd
SITE	A5255 - 23 Ringley Road, Whitefield
JOB NUMBER	MRN 4589/21

DATE TESTED	16-Mar-23	DATE SAMPLED	10-Mar-23
SAMPLED BY	Client	DATE RECEIVED	10-Mar-23
PRE-TREATMENT	Air Dried	ADVISED SOURCE	Site Investigation Samples

Sample Number	Sample Label	Material	% Ret. 2mm	pH Value	Water Soluble Sulphate as SO ₄ (mg/l)
122390	WS1	Yellow brown silty slightly gravelly SAND	1	7.2	120
122391	WS2	Yellow brown silty SAND	0	7.2	170
122392	WS3	Yellow brown silty SAND	0	7.5	130
122393	WS4	Yellow brown clay bound silty slightly gravelly SAND	5	7.2	130

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(Laboratory Manager)

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