

TEST REPORT

Client P.P. O'Connor Ltd

Address 61 Mosley Road
Trafford Park
Manchester
M17 1GJ

Contract Fletcher Bank Quarry,
Ramsbottom

Job Number MRN 3881/2
Date of Issue 12 February 2020
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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. This does not, however, guarantee the balance of the materials from which the tested samples have been taken to be of equal quality.

TEST CERTIFICATE**PARTICLE SIZE DISTRIBUTION**

BS EN 933-1 : 2012 (Washing & Sieving Method)

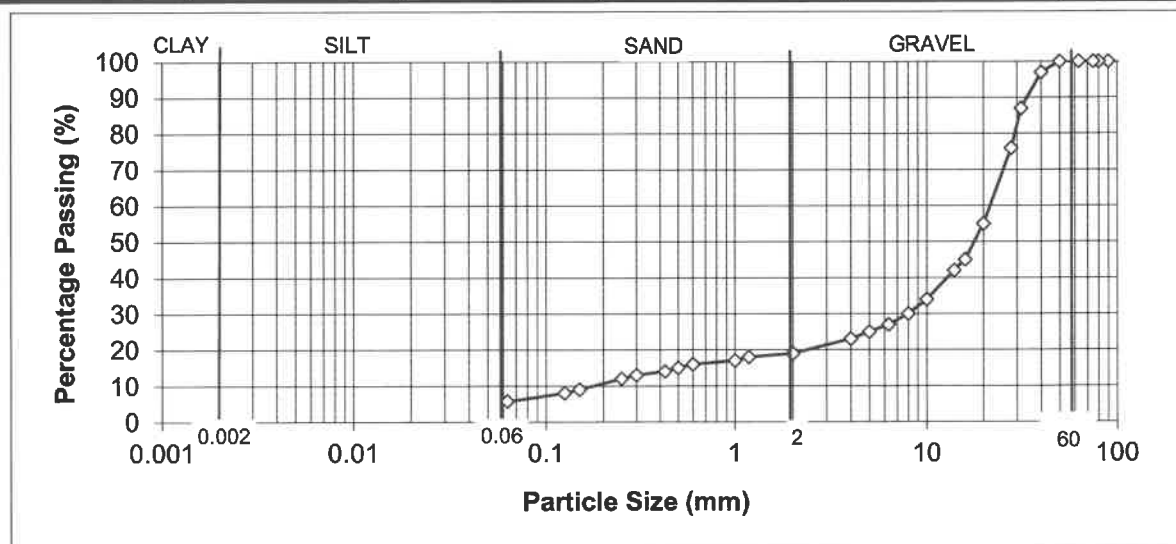
Determination of water content in accordance with BS EN 1097-5:2008

CLIENT	P.P. O'Connor Ltd
SITE	Fletcher Bank Quarry, Ramsbottom
JOB NUMBER	MRN 3881/2

SAMPLE LABEL	Subbase, Type 1	DATE SAMPLED	03-Feb-20
LAB SAMPLE No	87779	DATE RECEIVED	03-Feb-20
DATE TESTED	03-Feb-20	SAMPLED BY	Client

MATERIAL	Gritstone Subbase, Type 1
ADVISED SOURCE	As client and site above

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100		6.3	27	
90	100		5	25	
80	100		4	23	12-53
75	100		2	19	6-42
63	100	100	1.18	18	
50	100		1	17	3-32
40	97		0.6	16	
31.5	87	75-99	0.5	15	
28	76		0.425	14	
20	55		0.3	13	
16	45	43-81	0.25	12	
14	42		0.15	9	
10	34		0.125	8	
8	30	23-66	0.063	5.7	0-9



REMARKS Sample complies with the advised grading specification, specification shown is the overall grading specification in accordance with the specification for highway works Feb 2016.

Percentage of material passing 16mm and retained 8mm = 15% (Specification 7% to 30%)

Percentage of material passing 8mm and retained 4mm = 7% (Specification 7% to 30%)

As received moisture content = 7.3%

SIGNED 

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

DATE 12-Feb-20

MURRAY RIX

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



TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS EN 933-1 : 2012 (Washing & Sieving Method)

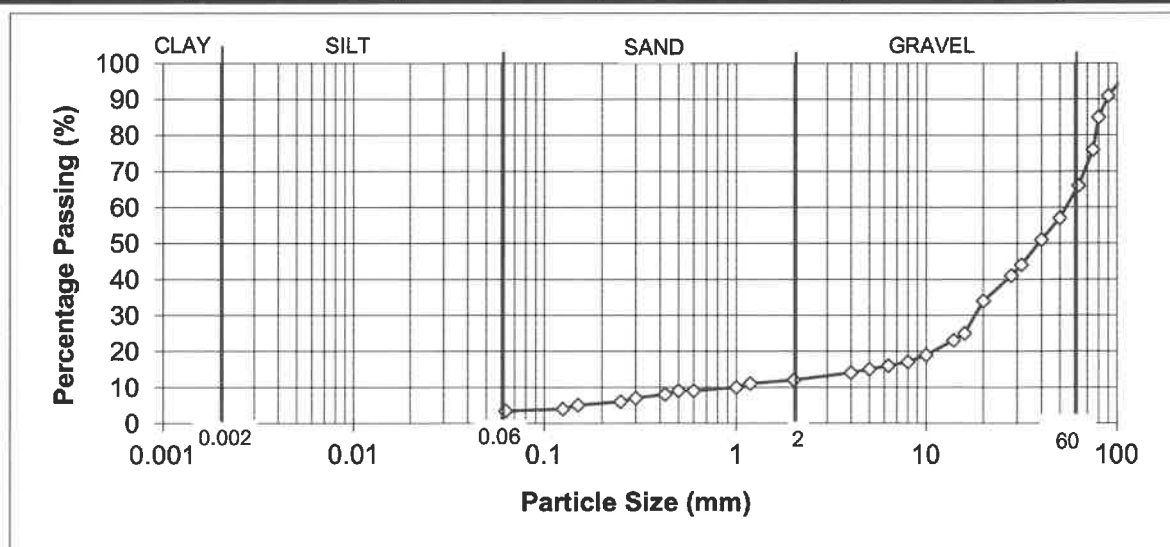
Determination of water content in accordance with BS EN 1097-5:2008

CLIENT	P.P. O'Connor Ltd
SITE	Fletcher Bank Quarry, Ramsbottom
JOB NUMBER	MRN 3881/2

SAMPLE LABEL	6F5	DATE SAMPLED	04-Feb-20
LAB SAMPLE No	87802	DATE RECEIVED	04-Feb-20
DATE TESTED	04-Feb-20	SAMPLED BY	Client

MATERIAL	Gritstone 6F5
ADVISED SOURCE	As client and site above

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	6.3	16	
90	91		5	15	
80	85	75-99	4	14	
75	76		2	12	0-35
63	66		1.18	11	
50	57		1	10	
40	51	50-90	0.6	9	
31.5	44		0.5	9	
28	41		0.425	8	
20	34	30-75	0.3	7	
16	25		0.25	6	
14	23		0.15	5	
10	19	15-60	0.125	4	
8	17		0.063	3.4	0-12



REMARKS

Sample complies with the advised grading specification 6F5 (SHW 2016)

As received moisture content = 4.1%

SIGNED

NAME

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

DATE

12-Feb-20