



Laboratory Report



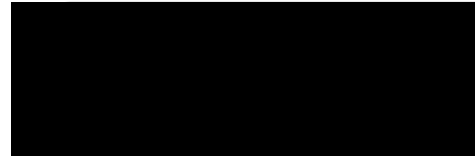
Contract Number: 60278

Client Ref: **8159**
Client PO: **10806**

Date Received: **11-07-2022**
Date Completed: **02-08-2022**
Report Date: **02-08-2022**

Client: **Earth Science Partnership**
33 Cardiff Road
Taff's Well
Cardiff
CF15 7RB

This report has been checked and approved by:



Paul Evans
Director

Contract Title: **Factory Road, Newport**
For the attention of: **Dan Bettosi**

Test Description	Qty
Samples Received - @ Non Accredited Test	22
Moisture Content BS 1377:1990 - Part 2 : 3.2 - * UKAS	3
4 Point Liquid & Plastic Limit BS 1377:1990 - Part 2 : 4.3 & 5.3 - * UKAS	3
PSD Wet Sieve method BS 1377:1990 - Part 2 : 9.2 - * UKAS	2
Disposal of samples for job	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

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved Signatories:

Brendan Evans (Office Administrator) - Emma Sharp (Business Support Manager) - Paul Evans (Director)
Richard John (Quality/Technical Manager) - Shaun Jones (Laboratory manager) - Shaun Thomas (Site Manager)
Wayne Honey (Health and Safety Coordinator/ Quality Assistant)

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

Contract Number 60278

Borehole/Pit No. TP01

Site Name Factory Road, Newport

Sample No.

Soil Description

Brown fine to coarse gravelly fine to coarse sandy SILT/CLAY (with cobbles)

Depth Top

1.80

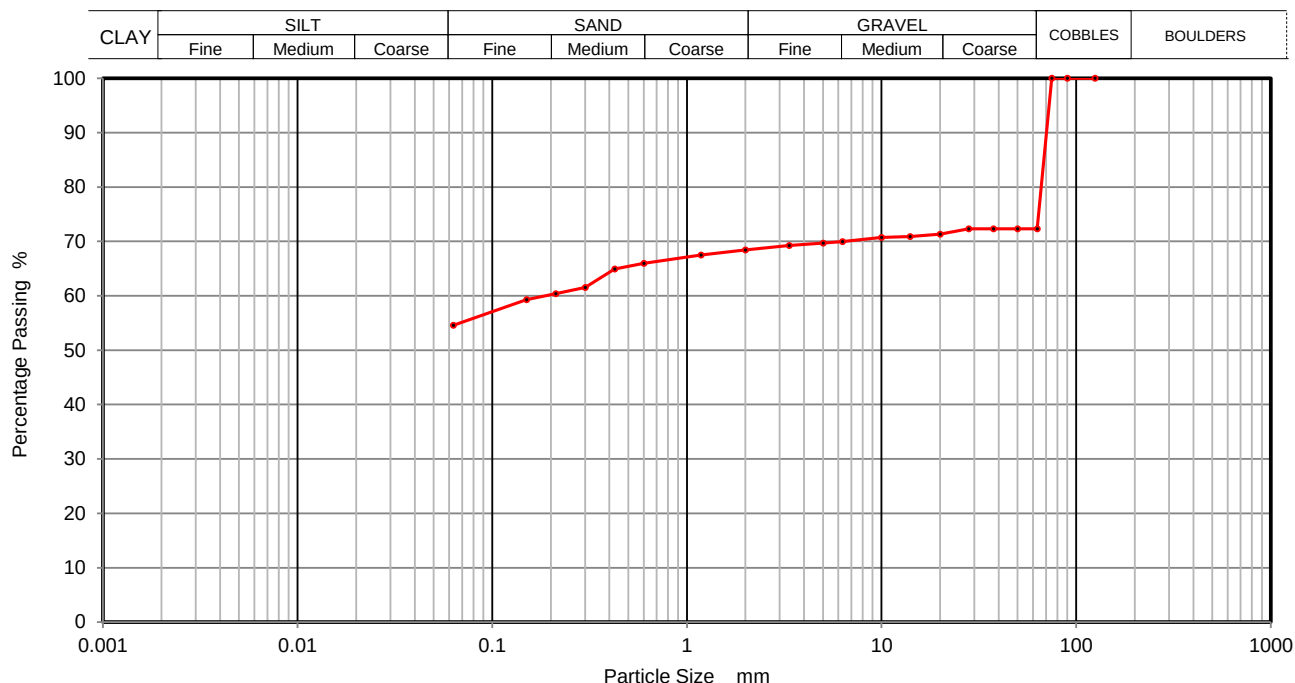
Depth Base

Date Tested

01/08/2022

Sample Type

0



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	72		
50	72		
37.5	72		
28	72		
20	71		
14	71		
10	71		
6.3	70		
5	70		
3.35	69		
2	68		
1.18	68		
0.6	66		
0.425	65		
0.3	62		
0.212	60		
0.15	59		
0.063	55		

Sample Proportions	% dry mass
Cobbles	28
Gravel	4
Sand	13
Silt and Clay	55

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 60278

Borehole/Pit No. TP02

Site Name Factory Road, Newport

Sample No.

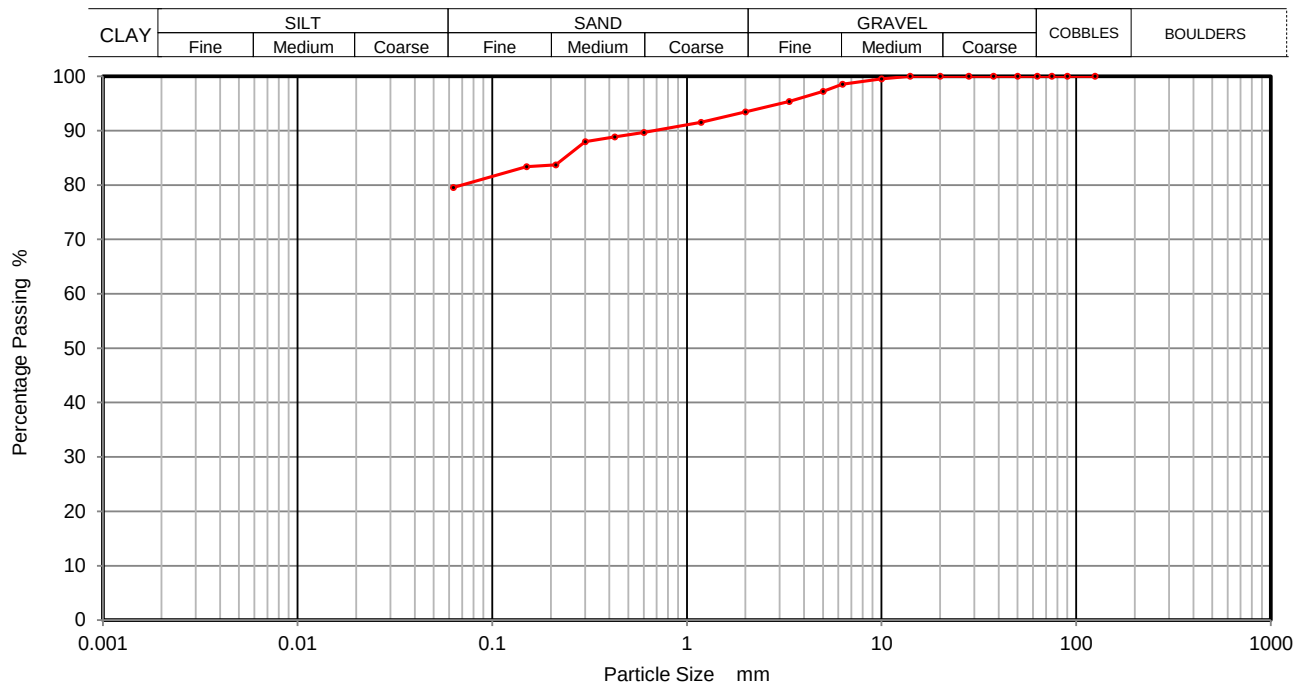
Soil Description Brown fine to medium gravelly fine to coarse sandy SILT/CLAY

Depth Top 2.00

Depth Base

Date Tested 01/08/2022

Sample Type 0



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	99		
5	97		
3.35	95		
2	93		
1.18	92		
0.6	90		
0.425	89		
0.3	88		
0.212	84		
0.15	83		
0.063	80		

Sample Proportions	% dry mass
Cobbles	0
Gravel	7
Sand	13
Silt and Clay	80

Remarks
Preparation and testing in accordance with BS1377 unless noted below

Operator

David Edwards