



Units 14 + 15, River Road Business Park,  
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Your Ref:

VERBAL ORDER  
LEE FINCH

Our Ref:

23/36721-2  
JSW/LB

**SAMPLE OF** 'SOFT WASHED SAND'  
EX: ASHELDHAM QUARRY

**SUBMITTED BY** G & B FINCH LIMITED

**RECEIVED ON** 3<sup>rd</sup> APRIL 2023

## **INTRODUCTION**

A sample of the above material was received into the laboratory for determination of particle size distribution for compliance with PD 6682-6:2009. Table 4, the recommended BS EN 13242:2002 grading limits for 0/2mm fine aggregate for use in civil engineering works and road construction.

## **RESULTS**

The results obtained are presented on Table 1 and graphically attached.

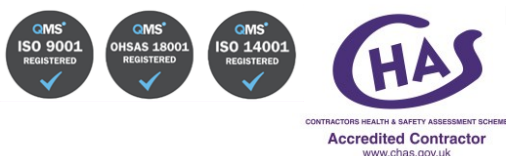
## **COMMENTS**

From the results obtained it can be seen that the sample submitted does comply with the grading requirements for 0/2mm fine aggregate stated in PD 6682-6:2009. Table 4.

**p.p. SITE ANALYTICAL SERVICES LIMITED**

19<sup>th</sup> April 2023

**J S Warren M.R.S.C.  
DIRECTOR**



Reg. Office: Units 14 +15, River Road Business Park,  
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Business Reg. No. 2255616





TABLE 1

**DETERMINATION OF PARTICLE SIZE DISTRIBUTION**

B.S. TEST SIEVE		% BY MASS PASSING	SPECIFICATION REQUIREMENTS PD 6682-6:2009. TABLE 4 – 0/2
4.00	mm	100	100
3.35	mm	100	
2.80	mm	100	98 - 100
2.00	mm	99	85 - 99
1.18	mm	99	
1.00	mm	99	
600	micron	91	
500	micron	81	
425	micron	75	
300	micron	26	
250	micron	17	
212	micron	10	
150	micron	5	
125	micron	4	
75	micron	1.6	
63	micron	1.4	

Moisture Content                      8.4 % Dry Weight

Total Weight of Sample              29 kg

TESTED IN ACCORDANCE WITH BS EN 933-2 : 2020

**Site** : ASHELDHAM QUARRY

**Client** : G & B FINCH LIMITED

**Engineer:** DW

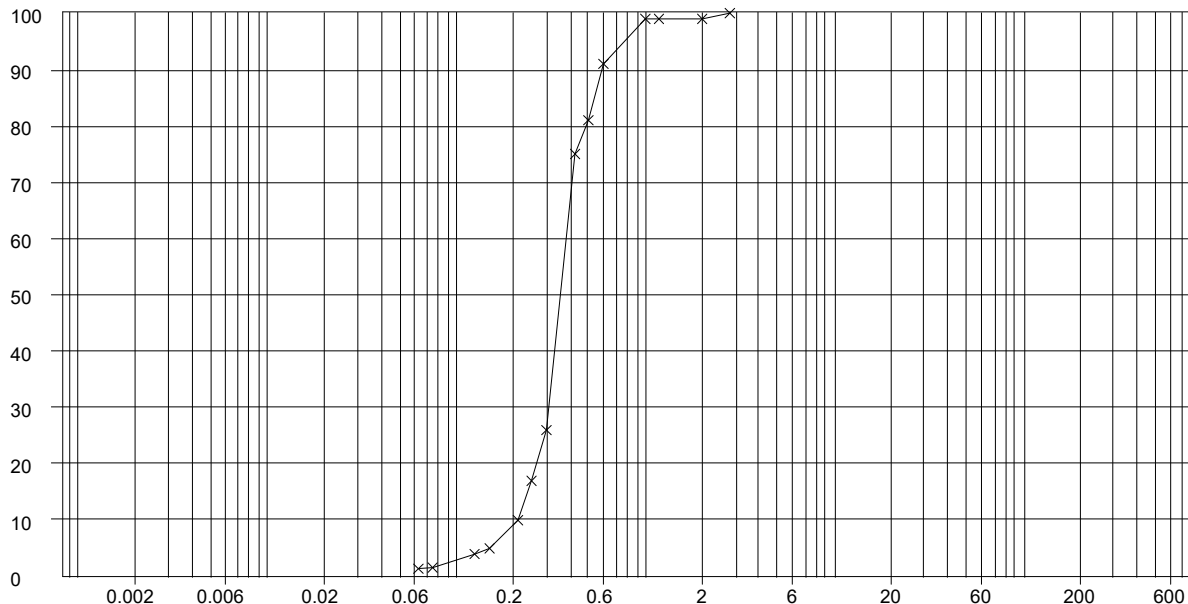
**Job Number**  
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## DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Trial Pit	Depth (m)	Sample	Laboratory Description
NA	0.00	Soft Sand	



Sieve / Particle Size	% Passing
2.8 mm	100.0
2 mm	99.0
1.18 mm	99.0
1 mm	99.0
600 µm	91.0
500 µm	81.0
425 µm	75.0
300 µm	26.0
250 µm	17.0
212 µm	10.0
150 µm	5.0
125 µm	4.0
75 µm	1.6
63 µm	1.4

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

Grading Analysis	
D85	540.0 $\mu\text{m}$
D60	386.7 $\mu\text{m}$
D10	212.0 $\mu\text{m}$
Uniformity Coefficient	1.8

Particle Proportions	
Cobbles + Boulders	-
Gravel	1.0%
Sand	97.6%
Silt	-
Clay	-

**Method of Preparation :** BS 1377:PART 1:1990:7.3 Initial preparation 1990:7.4.5 Particle size tests

**Method of Test** : BS 1377:PART 2:1990:9 Determination of particle size distribution

Remarks :