



1015



OCCUPATIONAL HYGIENE AND ENVIRONMENTAL MONITORING LABORATORY

## TEST REPORT

**Site:**

Whatley Quarry

**Client:**

Mr J Collis  
Hanson Aggregates  
Whatley Quarry  
Nr Frome  
Bath  
Somerset  
BA11 3LF

**Job Number:** 35792

**Report Number:** FD/ 18355

**Report Date:** 15/12/2020

Method N°. ENV/FD01: The determination of Fugitive Dust Based on BS 872: 2005

Method N°. ENV/FD05: The determination of reflectance values using a smoke stain reflectometer

UKAS accredited tests are denoted by an asterisk(\*)

SOCOTEC is not UKAS accredited for environmental dust gauge sampling.

The dust samples will be retained at the laboratory for a period of 6 months in case extended analysis is required in future. Liquids associated with dust samples are not normally retained at the laboratory.

**Report Comment:**

**Approved by:**

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John Perry, Senior Analyst  
Environmental Laboratory  
Direct Dial: 01283 554488



# TEST REPORT



Report Number FD/ 18355 Job Number 35792 ID Number 186347  
Site Description Whatley Quarry  
Sample 4 - The Old School House  
Date Received 08/12/2020 Sampling Period 09/11/2020 to 07/12/2020 28 Days

UKAS accredited tests are denoted by an asterisk(\*)

**Method** ENV/FD01

**Gauge Type** Combined Frisbee deposit and Adh

\* Dust mass (mg) 7

Deposition ( $\text{mg.m}^{-2}\text{d}^{-1}$ ) 6

Detection Limit (mg) 0.5 Date Tested 11/12/2020

**Method** ENV/FD05

**Result** Soiling **LOD** 1 **Date Tested** 11/12/2020

Test / Direction	Measured Value *	Units	Reported Result	Units
N	99	% reflectance	0.0	%EAC.d <sup>-1</sup>
NE	99	% reflectance	0.0	%EAC.d <sup>-1</sup>
E	99	% reflectance	0.0	%EAC.d <sup>-1</sup>
SE	98	% reflectance	0.1	%EAC.d <sup>-1</sup>
S	97	% reflectance	0.1	%EAC.d <sup>-1</sup>
SW	97	% reflectance	0.1	%EAC.d <sup>-1</sup>
W	99	% reflectance	0.0	%EAC.d <sup>-1</sup>
NW	99	% reflectance	0.0	%EAC.d <sup>-1</sup>



# TEST REPORT



Report Number FD/ 18355 Job Number 35792 ID Number 186348  
Site Description Whatley Quarry  
Sample 8 - Whatley Cross  
Date Received 08/12/2020 Sampling Period 09/11/2020 to 07/12/2020 28 Days

UKAS accredited tests are denoted by an asterisk(\*)

**Method** ENV/FD01

**Gauge Type** Combined Frisbee deposit and Adh

\* Dust mass (mg) 27

Deposition ( $\text{mg.m}^{-2}\text{d}^{-1}$ ) 24

Detection Limit (mg) 0.5 Date Tested 11/12/2020

**Method** ENV/FD05

**Result** Soiling **LOD** 1 **Date Tested** 11/12/2020

Test / Direction	Measured Value *	Units	Reported Result	Units
N	99	% reflectance	0.0	%EAC.d <sup>-1</sup>
NE	99	% reflectance	0.0	%EAC.d <sup>-1</sup>
E	99	% reflectance	0.0	%EAC.d <sup>-1</sup>
SE	98	% reflectance	0.1	%EAC.d <sup>-1</sup>
S	98	% reflectance	0.1	%EAC.d <sup>-1</sup>
SW	98	% reflectance	0.1	%EAC.d <sup>-1</sup>
W	98	% reflectance	0.1	%EAC.d <sup>-1</sup>
NW	98	% reflectance	0.1	%EAC.d <sup>-1</sup>