



1015



**SOCOTEC**

OCCUPATIONAL HYGIENE AND ENVIRONMENTAL MONITORING LABORATORY

## TEST REPORT

**Site:**

Whatley Quarry

**Client:**

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

**Job Number:** 39207

**Report Number:** FD/ 20507

**Report Date:** 09/02/2022

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. Results only apply to samples under test.

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/ 20507 Job Number 39207 ID Number 203479  
Site Description Whatley Quarry  
Sample 4 - The Old School House  
Date Received 28/01/2022 Sampling Period 08/12/2021 to 27/01/2022 50 Days

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

**Method** ENV/FD01 **Gauge Type** Combined Frisbee deposit and Adh

\* Dust mass (mg) 14

Deposition ( $\text{mg}\cdot\text{m}^{-2}\cdot\text{d}^{-1}$ ) 7

Detection Limit (mg) 0.5 Date Tested 04/02/2022

**Method** ENV/FD05

**Result** Soiling **LOD** 1 **Date Tested** 04/02/2022

Test / Direction	Measured Value *	Units	Reported Result	Units
N	99	% reflectance	0.0	%EAC.d <sup>-1</sup>
NE	100	% reflectance	0.0	%EAC.d <sup>-1</sup>
E	100	% reflectance	0.0	%EAC.d <sup>-1</sup>
SE	100	% reflectance	0.0	%EAC.d <sup>-1</sup>
S	98	% reflectance	0.0	%EAC.d <sup>-1</sup>
SW	96	% reflectance	0.1	%EAC.d <sup>-1</sup>
W	96	% reflectance	0.1	%EAC.d <sup>-1</sup>
NW	97	% reflectance	0.1	%EAC.d <sup>-1</sup>