



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: 38817

Report Number: FD/ 20320

Report Date: 24/11/2021

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/ 20320 Job Number 38817 ID Number 200927
Site Description Whatley Quarry
Sample 4 - The Old School House
Date Received 12/11/2021 Sampling Period 01/10/2021 to 10/11/2021 40 Days

UKAS accredited tests are denoted by an asterisk(*)

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

* Dust mass (mg) 17

Deposition ($\text{mg}\cdot\text{m}^{-2}\cdot\text{d}^{-1}$) 11

Detection Limit (mg) 0.5 Date Tested 24/11/2021

Method ENV/FD05

Result Soiling **LOD** 1 **Date Tested** 22/11/2021

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