



1015



SOCOTEC

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: 35472

Report Number: FD/ 18208

Report Date: 29/10/2020

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/ 18208 Job Number 35472 ID Number 183941
Site Description Whatley Quarry
Sample 4 - The Old School House
Date Received 16/10/2020 Sampling Period 15/09/2020 to 15/10/2020 30 Days

UKAS accredited tests are denoted by an asterisk(*)

Method ENV/FD01

Gauge Type Combined Frisbee deposit and Adh

* Dust mass (mg) 21

Deposition ($\text{mg.m}^{-2}\text{d}^{-1}$) 18

Detection Limit (mg) 0.5 Date Tested 29/10/2020

Method ENV/FD05

Result Soiling **LOD** 1 **Date Tested** 28/10/2020

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



TEST REPORT



Report Number FD/ 18208 Job Number 35472 ID Number 183942
Site Description Whatley Quarry
Sample 8 - Whatley Cross
Comment North point found to be facing West, now rectified.
Date Received 16/10/2020 Sampling Period 15/09/2020 to 15/10/2020 30 Days

UKAS accredited tests are denoted by an asterisk(*)

Method ENV/FD01

Gauge Type Combined Frisbee deposit and Adh

* Dust mass (mg) 48

Deposition ($\text{mg.m}^{-2}\text{d}^{-1}$) 40

Detection Limit (mg) 0.5 Date Tested 29/10/2020

Method ENV/FD05

Result Soiling **LOD 1** **Date Tested** 28/10/2020

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