



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: 29874

Report Number: FD/ 15094

Report Date: 29/10/2018

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:

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



TEST REPORT



Report Number FD/ 15094 Job Number 29874 ID Number 154175
Site Description Whatley Quarry
Sample 4 - The Old School House
Date Received 11/10/2018 Sampling Period 04/09/2018 to 09/10/2018 35 Days

UKAS accredited tests are denoted by an asterisk(*)

Method ENV/FD01

Gauge Type Combined Frisbee deposit and Adh

* Dust mass (mg) 16

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

Detection Limit (mg) 0.5 Date Tested 25/10/2018

Method ENV/FD05

Result Soiling **LOD 1** **Date Tested** 23/10/2018

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



TEST REPORT



Report Number FD/ 15094 Job Number 29874 ID Number 154176
Site Description Whatley Quarry
Sample 8 - Whatley Cross
Date Received 11/10/2018 Sampling Period 04/09/2018 to 09/10/2018 35 Days

UKAS accredited tests are denoted by an asterisk(*)

Method ENV/FD01

Gauge Type Combined Frisbee deposit and Adh

* Dust mass (mg) 82

Deposition ($\text{mg.m}^{-2}\text{d}^{-1}$) 59

Detection Limit (mg) 0.5 Date Tested 25/10/2018

Method ENV/FD05

Result Soiling **LOD 1** **Date Tested** 23/10/2018

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