



1015

OCCUPATIONAL HYGIENE AND ENVIRONMENTAL MONITORING LABORATORY
TEST REPORT

Site:
Whatley Quarry

Client:
Mr A Fussell
Hanson Aggregates
Whatley Quarry
Nr Frome
Bath
Somerset
BA11 3LF

Job Number: 21528
Report Number: FD/ 10332
Report Date: 03/03/2017

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(*)

ESG 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

Report Number FD/ 10332 Job Number 21528 ID Number 121945
 Site Description Whatley Quarry
 Sample 4 - The Old School House
 Date Received 15/02/2017 Sampling Period 11/01/2017 to 15/02/2017 35 Days

UKAS accredited tests are denoted by an asterisk(*)

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

* Dust mass (mg) 9

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

Detection Limit (mg) 0.5 Date Tested 24/02/2017

Method ENV/FD05

Result Soiling **LOD** 1 **Date Tested** 23/02/2017

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	98	% reflectance	0.1	%EAC.d ⁻¹
S	99	% reflectance	0.0	%EAC.d ⁻¹
SW	99	% reflectance	0.0	%EAC.d ⁻¹
W	99	% reflectance	0.0	%EAC.d ⁻¹
NW	99	% reflectance	0.0	%EAC.d ⁻¹

Report Number FD/ 10332 Job Number 21528 ID Number 121946
 Site Description Whatley Quarry
 Sample 8 - Whatley Cross
 Comment Some contamination in Frisbee, likely source is house guttering
 Date Received 15/02/2017 Sampling Period 11/01/2017 to 15/02/2017 35 Days

UKAS accredited tests are denoted by an asterisk(*)

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

* Dust mass (mg) 325

Deposition ($\text{mg.m}^{-2}\text{d}^{-1}$) 234

Detection Limit (mg) 0.5 Date Tested 24/02/2017

Method ENV/FD05

Result Soiling **LOD 1** **Date Tested** 23/02/2017

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	98	% reflectance	0.1	%EAC.d ⁻¹
SE	98	% reflectance	0.1	%EAC.d ⁻¹
S	99	% reflectance	0.0	%EAC.d ⁻¹
SW	98	% reflectance	0.1	%EAC.d ⁻¹
W	98	% reflectance	0.1	%EAC.d ⁻¹
NW	98	% reflectance	0.1	%EAC.d ⁻¹