



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: 26607

Report Number: FD/ 13540

Report Date: 18/05/2018

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:

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



TEST REPORT



Report Number FD/ 13540 Job Number 26607 ID Number 144323
Site Description Whatley Quarry
Sample 4 - The Old School House
Date Received 03/05/2018 Sampling Period 09/04/2018 to 02/05/2018 23 Days

UKAS accredited tests are denoted by an asterisk(*)

Method ENV/FD01

Gauge Type Combined Frisbee deposit and Adh

* Dust mass (mg) 24

Deposition ($\text{mg.m}^{-2}\text{d}^{-1}$) 26

Detection Limit (mg) 0.5 Date Tested 17/05/2018

Method ENV/FD05

Result Soiling **LOD 1** **Date Tested** 15/05/2018

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



TEST REPORT



Report Number FD/ 13540 Job Number 26607 ID Number 144324
Site Description Whatley Quarry
Sample 8 - Whatley Cross
Date Received 03/05/2018 Sampling Period 09/04/2018 to 02/05/2018 23 Days

UKAS accredited tests are denoted by an asterisk(*)

Method ENV/FD01

Gauge Type Combined Frisbee deposit and Adh

* Dust mass (mg) 13

Deposition ($\text{mg.m}^{-2}\text{d}^{-1}$) 14

Detection Limit (mg) 0.5 Date Tested 17/05/2018

Method ENV/FD05

Result Soiling **LOD** 1 **Date Tested** 15/05/2018

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