



**ALS AIRBORNE DUST
ANALYSIS AND TESTING REPORT**

REPORT TO: Andrew Pasishnichenko
Earth Plant Hire

REPORT ON: Molong Quarry
Dust Results

REPORT NO: 24006197

PERIOD OF EXPOSURE: Typically 30 days +/- 2 days

SAMPLED BY: Client

REPORTED BY: J. Leard

REPORT DATE: 09-August-2017



Accreditation # 15784
Site # 11436

Accredited for compliance with ISO/IEC 17025.

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ACIRL Pty Ltd
ABN 41 000 513 888
Part of the ALS Laboratory Group
Unit 3, 16 Donald Street
LITHGOW NSW 2790
Phone +61 2 6350 7400 Fax +61 2 6352 3583 www.alsglobal.com
A Campbell Brothers Limited Company

ALS AIRBORNE DUST
ANALYSIS AND TESTING REPORT



Molong Quarry

Month Aug-17
Date Replaced 30/06/2017
Date Collected 3/08/2017

DUST DEPOSITION RESULTS

| <u>GAUGE NO.</u> | <u>INSOLUBLE SOLIDS</u> | <u>COMBUSTIBLE MATTER</u> | <u>ASH</u> |
|------------------|-------------------------|---------------------------|------------|
| | mg | mg | mg |
| Quarry | 86.7 | 62.4 | 24.3 |
| Pankhurst | 51.1 | 35.2 | 15.9 |
| M'Smith | 5.3 | 4 | 1.3 |
| Faulkner | 5.2 | 3.7 | 1.5 |

No. of days exposed: 34

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DUST DEPOSITION RESULTS

(g/m².month)

| <u>GAUGE NO.</u> | <u>INSOLUBLE SOLIDS</u> | <u>COMBUSTIBLE MATTER</u> | <u>ASH</u> |
|------------------|-------------------------|---------------------------|------------|
| Quarry | 3.1 | 1.9 | 1.2 |
| Pankhurst | 1.8 | 1 | 0.8 |
| M'Smith | 0.2 | 0.1 | 0.1 |
| Faulkner | 0.2 | 0.1 | 0.1 |

No. of days exposed: 34

Analysed in accordance with AS3580.10.1
NATA accreditation does not apply for results reported in g/m².mth as sampling data was provided by the client.

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DEPOSIT GAUGE OBSERVATIONS

| GAUGE | ANALYSIS OBSERVATIONS |
|--------------|---|
| Quarry | Slightly cloudy, insects, organic matter, fine brown/black dust & coarse brown/black dust |
| Pankhurst | Slightly cloudy, insects, organic matter, fine brown/black/green dust & coarse brown/black/green dust |
| M'Smith | Clear, insects, organic matter, fine brown/green dust & coarse brown/green dust |
| Faulkner | Clear, insects, fine brown dust & coarse brown dust |

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METHODS OF ANALYSIS

Tests for results issued in this report have been carried out at the following NATA accredited laboratories in accordance with the methods as detailed below:-

| TEST | METHOD | LABORATORY |
|---|-----------|--|
| | | ACIRL Lithgow NATA Accreditation #11436 |
| Dust Deposited matter gravimetric method | 3580.10.1 | X |

ACIRL Report No:

24006197

In accordance with "Methods for sampling and analysis of ambient air.
Method 10.1: Determination of particulate matter- Deposited matter-Gravimetric method"
Standards Australia, 2003