



**ALS AIRBORNE DUST
ANALYSIS AND TESTING REPORT**

REPORT TO: Andrew Pasishnichenko
Earth Plant Hire

REPORT ON: Molong Quarry
Dust Results - November 2017

REPORT NO: 24006361

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

SAMPLED BY: Client

REPORTED BY: S. Thompson

Stephanie Thompson
Environmental Sampling Supervisor



Accreditation # 15784
Site # 11436

Accredited for compliance with ISO/IEC 17025.

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A Campbell Brothers Limited Company

ALS AIRBORNE DUST
ANALYSIS AND TESTING REPORT



Molong Quarry

Month Jan-18
Date Replaced 4/12/2017
Date Collected 8/01/2018

DUST DEPOSITION RESULTS

<u>GAUGE NO.</u>	<u>INSOLUBLE SOLIDS</u>	<u>COMBUSTIBLE MATTER</u>	<u>ASH</u>
	mg	mg	mg
Quarry	1219.9	732.76	487.1
Pankhurst	31.1	22	9.1
M'Smith	88.8	68.6	20.2
Faulkner	50.4	44.4	6

No. of days exposed: 35

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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	35.6	11.8	23.7
Pankhurst	1.1	0.7	0.4
M'Smith	3.8	2.7	1.1
Faulkner	2.3	2.0	0.3

No. of days exposed: 35

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	Cloudy, insects, organic matter, fine black dust & coarse brown dust
Pankhurst	Slightly Cloudy, Insects, organic matter, fine brown dust & coarse black dust
M'Smith	Slightly Cloudy, Insects, organic matter, fine brown dust & coarse black dust
Faulkner	Slightly Cloudy, insects, Organic Matter fine brown/black 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:

24006361

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