



**ALS AIRBORNE DUST
ANALYSIS AND TESTING REPORT**

REPORT TO: Earth Plant Hire

REPORT ON: Molong Quarry
Dust Results - January 2018

REPORT NO: 24006398

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

SAMPLED BY: Client

REPORTED BY: T. MacPhee

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 Feb-18
Date Replaced 5/01/2018
Date Collected 7/02/2018

DUST DEPOSITION RESULTS

<u>GAUGE NO.</u>	<u>INSOLUBLE SOLIDS</u>	<u>COMBUSTIBLE MATTER</u>	<u>ASH</u>
	mg	mg	mg
Quarry	517.0	317.79	199.2
Pankhurst	39.1	26	13.1
M'Smith	77.6	50.0	27.5
Faulkner	29.2	22.1	7.1

No. of days exposed: 33

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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	16.4	6.2	10.2
Pankhurst	1.3	0.6	0.7
M'Smith	3.0	1.4	1.6
Faulkner	1.2	0.8	0.4

No. of days exposed: 33

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

ALS AIRBORNE DUST ANALYSIS AND TESTING REPORT

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:

24006398

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