



**ALS AIRBORNE DUST
ANALYSIS AND TESTING REPORT**

REPORT TO: Andrew Pasishnichenko
Earth Plant Hire

REPORT ON: Molong Quarry
Dust Results - November 2017

REPORT NO: 24006280

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 Nov-17
Date Replaced 3/10/2017
Date Collected 2/11/2017

DUST DEPOSITION RESULTS

<u>GAUGE NO.</u>	<u>INSOLUBLE SOLIDS</u>	<u>COMBUSTIBLE MATTER</u>	<u>ASH</u>
	mg	mg	mg
Quarry	208.0	129.3	78.7
Pankhurst	49.4	35.5	13.9
M'Smith	14.7	10.2	4.5
Faulkner	11.6	7.7	3.9

No. of days exposed: 30

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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	7.3	2.8	4.5
Pankhurst	2.0	1.2	0.8
M'Smith	0.7	0.4	0.3
Faulkner	0.5	0.3	0.2

No. of days exposed: 30

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	Clear, insects, organic matter, fine brown/black dust & coarse brown/black dust
Pankhurst	Clear, insects, organic matter, fine brown/ green/ black dust & coarse brown/black/ green dust
M'Smith	Clear, insects, fine brown/ black dust & coarse brown/black dust
Faulkner	Clear, insects, fine brown/black dust & coarse brown/black 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:

24006280

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