



**ALS AIRBORNE DUST
ANALYSIS AND TESTING REPORT**

REPORT TO: Earth Plant Hire

REPORT ON: Molong Quarry
Dust Results - August 2018

REPORT NO: 24006749

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 Aug-18
Date Replaced 31/07/2018
Date Collected 28/08/2018

DUST DEPOSITION RESULTS

<u>GAUGE NO.</u>	<u>INSOLUBLE SOLIDS</u>	<u>COMBUSTIBLE MATTER</u>	<u>ASH</u>
	mg	mg	mg
Faulkner	21.70	12.60	9.10
M'Smith	40.06	22.94	17.12
Quarry	355.35	212.08	143.27
Pankhurst	80.76	50.40	30.36

No. of days exposed: 28

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Date Replaced 31/07/2018
Date Collected 28/08/2018

DUST DEPOSITION RESULTS

(g/m².month)

<u>GAUGE NO.</u>	<u>INSOLUBLE SOLIDS</u>	<u>COMBUSTIBLE MATTER</u>	<u>ASH</u>
Faulkner	0.8	0.2	0.6
M'Smith	1.6	0.4	1.2
Quarry	12.9	4.2	8.7
Pankhurst	3.1	1.3	1.8

No. of days exposed: 28

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
Faulkner	Clear, Fine Brown Dust, Course Brown Dust.
M'Smith	Clear, Insects, Fine Brown Dust, Course Brown/ Black Dust
Quarry	Slightly Cloudy, insects, Organic Matter, Fine Green/ brown Dust, Course brown/ Black Dust.
Pankhurst	Slightly Cloudy, insects, Organic Matter, Fine brown Dust, Course Brown/green 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:

24006749

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