



**ALS AIRBORNE DUST
ANALYSIS AND TESTING REPORT**

REPORT TO: Earth Plant Hire

REPORT ON: Molong Quarry
Dust Results -October- 2018

REPORT NO: 24006787

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

SAMPLED BY: Client

REPORTED BY: T.MacPhee

Stephanie Thompson
Environmental Sampling Supervisor



Accreditation # 15784
Site # 11436

WORLD RECOGNISED
ACCREDITATION

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 Oct-18
Date Replaced 19/09/2018
Date Collected 22/10/2018

DUST DEPOSITION RESULTS

<u>GAUGE NO.</u>	<u>INSOLUBLE SOLIDS</u>	<u>COMBUSTIBLE MATTER</u>	<u>ASH</u>
	mg	mg	mg
Faulkner	131.52	87.72	43.80
M'Smith	142.86	88.59	54.27
Quarry	258.83	159.14	99.69
Pankhurst	359.55	241.50	118.05

No. of days exposed: 33

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Date Replaced 19/09/2018
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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>
Faulkner	4.8	2.4	2.4
M'Smith	5.2	2	3.2
Quarry	8.2	3.1	5.1
Pankhurst	12.4	6.3	6.1

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
Faulkner	slightly Cloudy,insects, Fine brown Dust, Course black Dust.
M'Smith	Slightly Cloudy, insects,organic matter, Fine Brown Dust, Course Brown/ Black Dust
Quarry	Slightly Cloudy, insects Fine Green Dust, Course black Dust.
Pankhurst	Cloudy,insects, bird dropping, Organic Matter, Fine green/brown Dust, Course 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:

24006787

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