



**ALS AIRBORNE DUST  
ANALYSIS AND TESTING REPORT**

**REPORT TO:** Earth Plant Hire

**REPORT ON:** Molong Quarry  
Dust Results - March 2019

**REPORT NO:** 24006841-02

**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  
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**Molong Quarry**

Month                    Mar-19  
Date Replaced        19/02/2019  
Date Collected      20/03/2019

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**DUST DEPOSITION RESULTS**

<u>GAUGE NO.</u>	<u>INSOLUBLE SOLIDS</u>	<u>COMBUSTIBLE MATTER</u>	<u>ASH</u>
	mg	mg	mg
Faulkner	22.50	12.30	10.20
Pankhurst	186.90	113.20	73.70
M.Smith	209.60	132.20	77.40
Quarry	361.07	184.80	176.27

No. of days exposed:            29

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**DUST DEPOSITION RESULTS**

(g/m<sup>2</sup>.month)

<u>GAUGE NO.</u>	<u>INSOLUBLE SOLIDS</u>	<u>COMBUSTIBLE MATTER</u>	<u>ASH</u>
Faulkner	0.8	0.2	0.6
Pankhurst	6.6	2.3	4.3
M.Smith	8.9	3.7	5.2
Quarry	10.8	0.5	10.3

No. of days exposed: 29

\*Faulkner: Broken bottle lost sample

Analysed in accordance with AS3580.10.1  
NATA accreditation does not apply for results reported in g/m<sup>2</sup>.mth as sampling data was provided by the client.

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**DEPOSIT GAUGE OBSERVATIONS**

<b>GAUGE</b>	<b>ANALYSIS OBSERVATIONS</b>
Faulkner	Clear, fine brown dust , coarse brown/black dust.
Pankhurst	Cloudy, insects, organic matter,glass in sample, fine grey dust,coarse blackbrown dust.
M.Smith	Cloudy, insects, organic matter, fine brown dust, course black dust.
Quarry	Slightly cloudy, insects, organic matter, fine brown dust, course 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:

24006841-02

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