



**ALS AIRBORNE DUST  
ANALYSIS AND TESTING REPORT**

**REPORT TO:** Earth Plant Hire

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

**REPORT NO:** 24006841

**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.

This document will not be reproduced except in full.

ACIRL Pty Ltd  
ABN 41 000 513 888  
Part of the ALS Laboratory Group  
Unit 3, 16 Donald Street  
LITHGOW NSW 2790  
Phone +61 2 6350 7400 Fax +61 2 6352 3583 www.alsglobal.com  
A Campbell Brothers Limited Company

ALS AIRBORNE DUST  
ANALYSIS AND TESTING REPORT



---

Molong Quarry

Month Jan-19  
Date Replaced 20/12/2018  
Date Collected 18/01/2019

---

**DUST DEPOSITION RESULTS**

<u>GAUGE NO.</u>	<u>INSOLUBLE SOLIDS</u>	<u>COMBUSTIBLE MATTER</u>	<u>ASH</u>
	mg	mg	mg
Faulkner	No Sample		
Pankhurst	98.26	60.82	37.44
M.Smith	195.38	110.25	85.13
Quarry	164.20	93.10	71.10

No. of days exposed: 29

Faulkner: No Water in bottle for sample

ALS AIRBORNE DUST  
ANALYSIS AND TESTING REPORT



---

Molong Quarry

Month Jan-19  
Date Replaced 20/12/2018  
Date Collected 18/01/2019

---

**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		No sample	
Pankhurst	3.6	1.4	2.2
M.Smith	6.5	1.5	5
Quarry	5.5	1.3	4.2

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.

---

**ALS AIRBORNE DUST  
ANALYSIS AND TESTING REPORT**

---

**Molong Quarry**



Report No. 24006841  
Month Jan-19  
Date Replaced 20/12/2018  
Date Collected 18/01/2019

---

**DEPOSIT GAUGE OBSERVATIONS**

<b>GAUGE</b>	<b>ANALYSIS OBSERVATIONS</b>
Faulkner	No Sample
Pankhurst	Cloudy, insects, organic matter, fine green/brown dust, coarse black dust
M. Smith	Slightly cloudy, organic matter, fine brown dust, coarse black dust.
Quarry	Slightly cloudy, insects, fine brown 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:

24006841

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