



**ALS AIRBORNE DUST AND WATER
ANALYSIS AND TESTING REPORT**

REPORT TO: Walker Quarry

REPORT ON: Walker Quarry
Dust Results

REPORT NO: 24005552

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

SAMPLED BY: ALS Staff

REPORTED BY: Natalie McMillan

REPORT DATE: 22-March-2016



Accreditation # 15784
Site # 11436

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

WALKER QUARRY

Month Mar-16
Date Replaced 12/02/2016
Date Collected 15/03/2016

DUST DEPOSITION RESULTS

(g/m²/month)

<u>GAUGE NO.</u>	<u>INSOLUBLE SOLIDS</u>	<u>*COMBUSTIBLE MATTER</u>	<u>**ASH</u>
DG#2	0.7	0.4	0.3
DG#4	1.6	0.5	1.1

No. of days exposed: 32

* Result Calculated

** Incombustible Matter

Analysed in accordance with AS3580.10.1

ALS AIRBORNE DUST ANALYSIS AND TESTING REPORT

WALKER QUARRY

Month Mar-16
Date Replaced 12/02/2016
Date Collected 15/03/2016

DUST GAUGE OBSERVATION

GAUGE	ANALYSIS OBSERVATIONS
DG#2	Clear, insects, organic matter, fine brown/grey dust & coarse brown/grey dust
DG#4	Clear, insects, fine brown/grey dust & coarse brown/grey dust

ALS AIRBORNE DUST AND WATER 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:-

ACIRL Report No: 24005552

DUST

TEST	METHOD	LABORATORY
		ACIRL Lithgow NATA Accreditation #11436
Dust (Deposited matter gravimetric method)	3580.10.1	X

In accordance with "Methods for sampling and analysis of ambient air.
Method 10.1: Determination of particulate matter- Deposited matter-Gravimetric method"

WATER

TEST	METHOD	LABORATORY	
		ACIRL Lithgow NATA Accreditation #11436	ALS Sydney NATA Accreditation # 825
Sulfate (mg/l)	ED014G		X
Electrical Conductivity uS/cm	CBM-E006	X	
pH value	CBM-E005	X	
Total Oil & Grease	EP020		X
Total Suspended Solids (mg/l)	CBM-E008	X	

In accordance with "Standard Methods for the Examination of Water & Wastewater" APHA, AWWA, and Water & Wastewater Examination Manual (V. Dean Adams)

Preservation procedures in accordance with AS/NZS 5667/1 when sampled by ACIRL staff unless otherwise stated.