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# Analysis and Testing Report - Walker Quarries Monthly Surface Monitoring, December 2025

Report To: Wayne Chapman

Address: Lot 6 Great Western Highway,  
Wallerawang NSW 2845

Report On: Walker Quarries  
Monthly Surface Monitoring, December 2025

Report No: 2400-7481-12

Report Status: Final Report

Date Sampled: 16/12/2025


Unique ID of Sample(s): As per Result tab

Sampled By: C. Buck

Testing & Analysis Requirements: Client Instructions

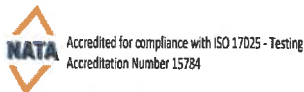
Report Prepared By: Trudie MacPhee

Date Reported: 23/12/2025

Reported By:   
Adriana Hernandez  
Environmental Project/Quality Officer -  
Lithgow NSW

**These reported results only relate to the items sampled and tested.**

Sampling performed by: ACIRL Lithgow NSW NATA Accreditation No. 15784, Site No. 11436 in accordance with AS Standards listed on Page 3.



right solutions.  
right partner.

ACIRL Lithgow NSW  
ABN 66 003 451 876

**Analysis and Testing Report-  
Walker Quarries Monthly Water Monitoring**



	Units				
Date of Sample		16/12/2025			
Report On:		2400-7481-12			
ALS Sydney Report No.		ES2540202			
Site Reference		SD3 Cox river D/S	SD4 U/S	SD1	SB2
Sampled by		C. Buck			
General Comments/ Observations		Low flow Clear	Low flow Clear	Non discharge	Non discharge
pH	pH Unit	7.1	7.2		
Electrical Conductivity	µS/cm	600	308		
Turbidity	NTU	3.5	3.6		
Suspended Solids SS	mg/L	<5	<5		
<b>Sulfate (Turbidimetric) as SO4</b>					
Sulfate as SO4 - Turbidimetric	mg/L	134	64		

## Analysis and Testing Report- Walker Quarries Monthly Water Monitoring



### 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	ACIRL Lithgow NATA Accreditation #11436	Measure of Uncertainty
Electrical Conductivity $\mu\text{S}/\text{cm}$	CBM-E006	APHA 2510 B	2.0%
pH value	CBM-E005	APHA 4500 H	0.10 pH Units

The remaining analysis performed at ALS Environmental, 277-289 Woodpark Rd, Smithfield, NSW 2164.

Low yielding bores have been purged to dryness, otherwise bores purged to constant Electrical Conductivity

Report No: 2400-7481-12  
ALS REPORT NO: ES2540202

Samples were analysed in accordance with the following Australian Standards or equivalent:

Australian Standards AS/NZS 5667.1	Description Part 1: Guidance on the design of sampling programs, sampling techniques and the preservation and handling of samples
ISO 5667-3 AS/NZS 5667.11	Part 3: Preservation and handling of water samples Part 11: Guidance on sampling of ground waters