



Analysis and Testing Report - Walker Quarries Quarterly Groundwater & Surface Monitoring, August 2026

Report To: Wayne Chapman

Address: Lot 6 Great Western Highway,
Wallerawang NSW 2845

Report On: Walker Quarries
Quarterly Groundwater & Surface
Monitoring, August 2026

Report No: 2400-7563-08

Report Status: Final Report

Date Sampled: 12/08/2026

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

Sampled By: B. Collins

Testing & Analysis Requirements: Client Instructions

Report Prepared By: K. Dukes

Date Reported: 20/08/2026

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 4.



Accredited for compliance with ISO 17025 - Testing
Accreditation Number 15784

right solutions.
right partner.

ACIRL Lithgow NSW
ABN 66 003 451 876

Analysis and Testing Report-
Walker Quarries
Quarterly Groundwater Monitoring



	Units							
Date of Sample		12/08/2026						
Report No:		2400-7563-08						
ALS Sydney Report No.		ES2626142						
Site Reference		SD3 Cox River Downstream	SD4 Upstream	SD1	SB2	GW1	GW2	GW3
Sampled by		B. Collins						
General Comments/ Observations		Low Flow Clear	Mod Flow Clear	Mod Level Clear	Low Level Slightly Cloudy	Clear	No Access Road	Non Existing
Standing Water Level	m					42.16		
Total Volume Purged	L					3.0		
pH	pH Unit	8.3	8.4	7.5	7.6			
Electrical Conductivity	µS/cm	770	690	571	367			
Total Suspended Solids	mg/L	<5	<5	11	32			
Turbidity	NTU-	5.0	3.8	22	40			
Sulfate (Turbidimetric) as SO4								
Sulfate as SO4 - Turbidimetric	mg/L	202	177	184	71			
Dissolved Metals by ICP-MS								
Arsenic	mg/L	0.001	<0.001					
Cadmium	mg/L	<0.0001	<0.0001					
Chromium	mg/L	<0.001	<0.001					
Copper	mg/L	<0.001	<0.001					
Lead	mg/L	<0.001	<0.001					
Nickel	mg/L	0.02	0.017					
Zinc	mg/L	<0.005	<0.005					
Dissolved Mercury by FIMS								
Mercury	mg/L	<0.0001	<0.0001					
Oil and Grease (O&G)								
Oil & Grease	mg/L	<5	<5					



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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	ACIRL Lithgow NATA Accreditation #11436	Measure of Uncertainty
Electrical Conductivity uS/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

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

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