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

Report To:	Wayne Chapman
Address:	Lot 6 Great Western Highway, Wallerwang NSW 2845
Report On:	Walker Quarries Monthly Surface Monitoring, June 2025
Report No:	2400-7481-06
Report Status:	Final Report
Date Sampled:	6/06/2025
Unique ID of Sample(s):	As per Result tab
Sampled By:	M. Andrews
Testing & Analysis Requirements:	Client Instructions
Report Prepared By:	Adriana Hernandez
Date Reported:	16/06/2025
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.

Analysis and Testing Report-
Walker Quarries Monthly Water Monitoring

	Units				
Date of Sample		6/06/2025			
Report On:		2400-7481-06			
ALS Sydney Report No.		ES2517431			
Site Reference		SD3 Cox river D/S	SD4 U/S	SD1	SB2
Sampled by		M. Andrews			
General Comments/ Observations		Low flow Clear	Mod flow Clear	Non discharge	Non discharge
pH	pH Unit	8.1	5.7		
Electrical Conductivity	µS/cm	678	543		
Turbidity	NTU	2.3	2.6		
Suspended Solids SS	mg/L	<5	<5		
Sulfate (Turbidimetric) as SO4					
Sulfate as SO4 - Turbidimetric	mg/L	211	157		

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
IS0 5667-3	Part 3: Preservation and handling of water samples
AS/NZS 5667.11	Part 11: Guidance on sampling of ground waters