



Analysis and Testing Report - Walker Quarries Monthly Surface Monitoring, March 2024

Report To: Wayne Chapman

Address: Lot 6 Great Western Highway,
Wallerawang NSW 2845

Report On: Walker Quarries
Monthly Surface Monitoring, March 2024

Report No: 2400-7420-03

Report Status: Final Report

Date Sampled: 8/03/2024


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

Sampled By: L. Pyne & C. Jenkins

Testing & Analysis Requirements: Client Instructions

Report Prepared By: Adriana Hernandez

Date Reported: 20/03/2024

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
Page 1 of 4



Analysis and Testing Report- Walker Quarries Monthly Water Monitoring

	Units				
Date of Sample		8/03/2024			
Report On:		2400-7420-03			
ALS Sydney Report No.		ES2408321			
Site Reference		SD3 Cox river D/S	SD4 U/S	SD1	SB2
Sampled by		L. Pyne & C. Jenkins			
General Comments/ Observations		Mod flow Clear	Mod flow Clear	Non discharge	Non discharge
pH	pH Unit	6.7	6.9		
Electrical Conductivity	µS/cm	578	449		
Turbidity		17	2.7		
Suspended Solids SS		27	<5		
Sulfate (Turbidimetric) as SO4					
Sulfate as SO4 - Turbidimetric	mg/L	150	112		



Analysis and Testing Report- Walker Quarries Groundwater Monitoring

	Units			
Date of Sample		8/03/2024		
Report No:		2400-7420-03		
Site Reference		GW1	GW2	GW3
Sampled by		L.Pyne & C.Jenkins		
General Comments/ Observations		Purging Quarterly		
Standing Water Level	m	76.20	33.1	18.1
Total Volume Purged	L	3.0	3.0	3.0



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 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

Report No: 2400-7420-03
ALS REPORT NO: ES2408321

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