

Certificate of Analysis

Request ID: EAL/E25-00-4721 Report ID: E25-00-4721_EALP3_1 Issue date: 09 May 2025

Client Sample ID:				S25-0102-D1	S25-0102-D2	S25-0102-D3
Sample Date:				29 April 2025	29 April 2025	29 April 2025
Your Client:				Blakebrook Quarry	Blakebrook Quarry	Blakebrook Quarry
EAL Sample ID:				E25-00-4721-0001	E25-00-4721-0002	E25-00-4721-0003
Parameter	Unit	Method Reference	LOR	---	---	---
Diameter of Funnel	mm	** AS 3580.10.1.8.2.2-2016	---	150	150	150
Sampling Days	Days	** AS 3580.10.1.8.2.2-2016	---	28	28	28
Organic Matter	---	** AS 3580.10.1.8.2.2-2016	---	Present	Present	Present
Total Sample Volume	L	** AS 3580.10.1.8.2.2-2016	---	3.24	3.21	3.12
Deposit rate of insoluble solids	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	0.37	0.14	0.35
Deposit rate of insoluble solids	mg/m2/day	** AS 3580.10.1.8.2.2-2016	<0.1	12	4.5	12
Ash	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	0.2	< 0.1	0.1
Combustible Matter	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	0.1	< 0.1	0.2
Soluble matter	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	2.5	1.8	1.7
Total Solids	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	2.9	1.9	2.0

Notes:

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- Results only relate to the item tested.
- Australian Standard AS 3580.10.1.8.2.2-2016 (1 mm pre-sieving then using Whatman 42 Ashless filter).
- Per Month calculations are based on 'Sampling Days' and indicates the number of days sampled in the month.
- Total Suspended Solids is the mass deposition rate of insoluble solids.

Certificate of Analysis

Request ID: EAL/E25-00-3656 Report ID: E25-00-3656_EALP1_1 Issue date: 28 April 2025

Client Sample ID:				S25-0079-D1	S25-0079-D2	S25-0079-D3
Sample Date:				1 April 2025	1 April 2025	1 April 2025
Your Client:				Blakebrook Quarry	Blakebrook Quarry	Blakebrook Quarry
EAL Sample ID:				E25-00-3656-0001	E25-00-3656-0002	E25-00-3656-0003
Parameter	Unit	Method Reference	LOR	---	---	---
Diameter of Funnel	mm	** AS 3580.10.1.8.2.2-2016	---	150	150	150
Sampling Days	Days	** AS 3580.10.1.8.2.2-2016	---	28	28	28
Organic Matter	---	** AS 3580.10.1.8.2.2-2016	---	Present	Present	Present
Cloudy	---	** AS 3580.10.1.8.2.2-2016	---	No	No	Yes
Total Sample Volume	L	** AS 3580.10.1.8.2.2-2016	---	4.85	4.69	4.58
Volume Filtered	L	** AS 3580.10.1.8.2.2-2016	---	1.000	0.700	0.400
Deposit rate of insoluble solids	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	0.88	1.7	3.3
Deposit rate of insoluble solids	mg/m2/day	** AS 3580.10.1.8.2.2-2016	<0.1	29	56	111
Ash	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	< 0.1	0.1	< 0.1
Combustible Matter	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	0.9	1.5	3.5
Soluble matter	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	9.2	2.2	5.1
Total Solids	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	10.1	3.9	8.5

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- Total Suspended Solids is the mass deposition rate of insoluble solids.

Certificate of Analysis

Request ID: EAL/E25-00-2627 Report ID: E25-00-2627_EALP3_1 Issue date: 24 March 2025

Client Sample ID:				S25-0066-D1	S25-0066-D2	S25-0066-D3
Sample Date:				4 March 2025	4 March 2025	4 March 2025
Your Client:				Blakebrook Quarry	Blakebrook Quarry	Blakebrook Quarry
EAL Sample ID:				E25-00-2627-0001	E25-00-2627-0002	E25-00-2627-0003
Parameter	Unit	Method Reference	LOR	---	---	---
Diameter of Funnel	mm	** AS 3580.10.1.8.2.2-2016	---	150	150	150
Sampling Days	Days	** AS 3580.10.1.8.2.2-2016	---	28	28	28
Organic Matter	---	** AS 3580.10.1.8.2.2-2016	---	Fine	Fine	Fine
Cloudy	---	** AS 3580.10.1.8.2.2-2016	---	No	No	Yes
Sample Comments	---	** AS 3580.10.1.8.2.2-2016	---	DEAD SPIDER	---	---
Total Sample Volume	L	** AS 3580.10.1.8.2.2-2016	---	1.35	1.26	1.40
Deposit rate of insoluble solids	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	2.8	0.11	0.33
Deposit rate of insoluble solids	mg/m2/day	** AS 3580.10.1.8.2.2-2016	<0.1	93	3.8	11
Ash	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	2.5	< 0.1	0.3
Combustible Matter	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	0.3	< 0.1	< 0.1
Soluble matter	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	1.0	0.8	1.4
Total Solids	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	3.8	0.9	1.7
Colour	---	** AS 3580.10.1.8.2.2-2016	---	---	---	Yellow

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- Total Suspended Solids is the mass deposition rate of insoluble solids.

Certificate of Analysis

Request ID: EAL/E25-00-1467 Report ID: E25-00-1467_EALP3_1 Issue date: 19 February 2025

Client Sample ID:				S25-0029-D1	S25-0029-D2	S25-0029-D3
Sample Date:				4 February 2025	4 February 2025	4 February 2025
Your Client:				Blakebrook Quarry	Blakebrook Quarry	Blakebrook Quarry
EAL Sample ID:				E25-00-1467-0001	E25-00-1467-0002	E25-00-1467-0003
Parameter	Unit	Method Reference	LOR	---	---	---
Diameter of Funnel	mm	** AS 3580.10.1.8.2.2-2016	---	150	150	150
Sampling Days	Days	** AS 3580.10.1.8.2.2-2016	---	28	28	28
Organic Matter	---	** AS 3580.10.1.8.2.2-2016	---	Present	Fine	Fine
Cloudy	---	** AS 3580.10.1.8.2.2-2016	---	No	No	YES
Colour	---	** AS 3580.10.1.8.2.2-2016	---	Yellow	---	Yellow
Sample Comments	---	** AS 3580.10.1.8.2.2-2016	---	ANTS?	---	---
Total Sample Volume	L	** AS 3580.10.1.8.2.2-2016	---	2.37	2.26	1.94
Deposit rate of insoluble solids	g/m2/ month	** AS 3580.10.1.8.2.2-2016	<0.1	0.64	0.30	0.27
Deposit rate of insoluble solids	mg/m2/ day	** AS 3580.10.1.8.2.2-2016	<0.1	21	10	8.9
Ash	g/m2/ month	** AS 3580.10.1.8.2.2-2016	<0.1	0.3	0.2	0.2
Combustible Matter	g/m2/ month	** AS 3580.10.1.8.2.2-2016	<0.1	0.3	0.2	<0.1
Soluble matter	g/m2/ month	** AS 3580.10.1.8.2.2-2016	<0.1	1.2	1.6	1.8
Total Solids	g/m2/ month	** AS 3580.10.1.8.2.2-2016	<0.1	1.8	1.9	2.1

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- Total Suspended Solids is the mass deposition rate of insoluble solids.

Certificate of Analysis

Request ID: EAL/E25-00-0244 Report ID: E25-00-0244_EALP3_1 Issue date: 17 January 2025

Client Sample ID:				S25-0001-D1	S25-0001-D2	S25-0001-D3
Sample Date:				7 January 2025	7 January 2025	7 January 2025
Your Client:				Blakebrook Quarry	Blakebrook Quarry	Blakebrook Quarry
EAL Sample ID:				E25-00-0244-0001	E25-00-0244-0002	E25-00-0244-0003
Parameter	Unit	Method Reference	LOR	---	---	---
Diameter of Funnel	mm	** AS 3580.10.1.8.2.2-2016	---	150	150	150
Sampling Days	Days	** AS 3580.10.1.8.2.2-2016	---	28	28	28
Organic Matter	---	** AS 3580.10.1.8.2.2-2016	---	Fine	Fine	Fine
Cloudy	---	** AS 3580.10.1.8.2.2-2016	---	No	No	Yes
Sample Comments	---	** AS 3580.10.1.8.2.2-2016	---	Spider	Beetle	Insects
Total Sample Volume	L	** AS 3580.10.1.8.2.2-2016	---	1.31	1.01	0.95
Deposit rate of insoluble solids	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	0.90	0.25	1.1
Deposit rate of insoluble solids	mg/m2/day	** AS 3580.10.1.8.2.2-2016	<0.1	30	8.4	36
Ash	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	0.6	0.1	0.6
Combustible Matter	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	0.3	0.1	0.5
Soluble matter	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	1.3	1.2	1.9
Total Solids	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	2.1	1.4	2.9

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- Total Suspended Solids is the mass deposition rate of insoluble solids.