

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	150
Sampling Days	Days	** AS 3580.10.1.8.2.2-2016	---	28	28	28	28
Organic Matter	---	** AS 3580.10.1.8.2.2-2016	---	Present	Fine	Fine	Fine
Cloudy	---	** AS 3580.10.1.8.2.2-2016	---	No	No	YES	YES
Colour	---	** AS 3580.10.1.8.2.2-2016	---	Yellow	---	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	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	0.27
Deposit rate of insoluble solids	mg/m2/day	** AS 3580.10.1.8.2.2-2016	<0.1	21	10	8.9	8.9
Ash	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	0.3	0.2	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	<0.1
Soluble matter	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	1.2	1.6	1.8	1.8
Total Solids	g/m2/month	** AS 3580.10.1.8.2.2-2016	<0.1	1.8	1.9	2.1	2.1

Notes:

- ** denotes NATA accreditation does not cover the performance of this service.
- .. denotes not requested, no data/information or no guidelines available.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (available on request or at scu.edu.au/eal).
- 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/E25-00-0244 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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- 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.