

RESULTS OF DUST ANALYSIS

3 samples supplied by Lismore City Council on 5/02/2024. Lab Job No. R0211.

Exposure Period: 08/01/2024 - 05/02/2024

Samples submitted by Riccardo Martinez. Your Job: PO 101120-TP 23/112 -Air Sampling Blakebrook FY 23.

PO Box 23a LISMORE NSW 2480

Sample Site	EAL Code	Sample Comments	Diameter of Funnel (mm)	Sampling Days (days)	Sample Volume (L)	Deposit rate of Insoluble Solids		Deposit rate of:			
						Total Suspended Solids (SS _T)		Ash ** (g/m ² /month)	Combustible Matter ** (g/m ² /month)	Soluble Matter ** (g/m ² /month)	Total Solids ** (g/m ² /month)
						(g/m ² /month)	(mg/m ² /day)				
<i>Method Reference</i>						<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
S24-0010-D1	R0211/1	leaves, fine org. matter	150	28	2.390	1.4	46	0.1	1.3	2.2	3.6
S24-0010-D2	R0211/2	fine org. matter	150	28	2.200	0.5	16	0.1	0.4	2.7	3.1
S24-0010-D3	R0211/3	fine org. matter, cloudy	150	28	2.000	4.3	144	1.2	3.1	10.0	14.3

METHODS REFERENCE:

a. Australian Standard AS 3580.10.1.8.2.2-2016 (1mm pre-sieving then using Whatman 42 Ashless filter)

NOTES:

- .. No data/ information
- Total Suspended Solids = Mass deposition rate of insoluble solids
- Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer scu.edu.au/eal or on request).
- Results relate only to the samples tested.
- ** NATA accreditation does not cover the performance of this service.
- This report was issued on 9/02/2024.



RESULTS OF DUST ANALYSIS

3 samples supplied by Lismore City Council on 18/09/2024. Lab Job No. R9034.

Exposure Period 20/08/2024 - 17/09/2024

Samples submitted by Riccardo Martinez. Your Job: PO 84432 Blakebrook Quarry.

PO Box 23a LISMORE NSW 2480

Sample Site	EAL Code	Sample Comments	Diameter of Funnel (mm)	Sampling Days (days)	Sample Volume (L)	Deposit rate of Insoluble Solids		Deposit rate of:			
						Total Suspended Solids (SS _t)		Ash **	Combustible Matter **	Soluble Matter **	Total Solids **
						(g/m ² /month)	(mg/m ² /day)				
<i>Method Reference</i>						<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
S24-0230-D1	R9034/1	1 dead beetle, cloudy	150	28	0.520	2.1	70	1.8	0.3	0.6	2.7
S24-0230-D2	R9034/2	..	150	28	0.520	0.5	17	0.3	0.2	0.6	1.2
S24-0230-D3	R9034/3	dead ants	150	28	0.380	0.4	12	0.2	0.2	0.6	0.9

METHODS REFERENCE:

a. Australian Standard AS 3580.10.1.8.2.2-2016 (1mm pre-sieving then using Whatman 42 Ashless filter)

NOTES:

- .. No data/ information
- Total Suspended Solids = Mass deposition rate of insoluble solids
- Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer scu.edu.au/eal or on request).
- Results relate only to the samples tested.
- ** NATA accreditation does not cover the performance of this service.
- This report was issued on 26/09/2024.



RESULTS OF DUST JAR ANALYSIS

3 samples supplied by Lismore City Council on 5/03/2024. Lab Job No. R1393.

Exposure Period: 05/02/24 - 04/03/24

Samples submitted by Riccardo Martinez. Your Job: PO 101120-TP 23/112 -Air Sampling Blakebrook FY 23.

PO Box 23a LISMORE NSW 2480

Sample Site	EAL Code	Sample Comments	Diameter of Funnel (mm)	Sampling Days (days)	Sample Volume (L)	Deposit rate of Insoluble Solids		Deposit rate of:			
						Total Suspended Solids (SSt)		Ash ** (g/m ² /month)	Combustible Matter ** (g/m ² /month)	Soluble Matter ** (g/m ² /month)	Total Solids ** (g/m ² /month)
						(g/m ² /month)	(mg/m ² /day)				
<i>Method Reference</i>						<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
S24-0027-D1	R1393/1	fine org. matter	150	28	1.870	0.2	8	0.2	0.1	1.4	1.6
S24-0027-D2	R1393/2	fine org. matter, cloudy, yellow	150	28	2.080	0.4	14	0.0	0.4	2.7	3.2
S24-0027-D3	R1393/3	beetle, fine org. matter, cloudy, yellow	150	28	1.880	3.2	106	1.1	2.1	8.9	12.1

METHODS REFERENCE:

a. Australian Standard AS 3580.10.1.8.2.2-2016 (1mm pre-sieving then using Whatman 42 Ashless filter)

NOTES:

- .. No data/ information
- Total Suspended Solids = Mass deposition rate of insoluble solids
- Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer scu.edu.au/eal or on request).
- Results relate only to the samples tested.
- ** NATA accreditation does not cover the performance of this service.
- This report was issued on 8/03/2024.



RESULTS OF DUST ANALYSIS

3 samples supplied by Lismore City Council on 3/04/2024. Lab Job No. R2548.

Exposure Period: 04/03/2024 - 02/04/2024

Samples submitted by Riccardo Martinez. Your Job: PO 84432.

PO Box 23a LISMORE NSW 2480

Sample Site	EAL Code	Sample Comments	Diameter of Funnel (mm)	Sampling Days (days)	Sample Volume (L)	Deposit rate of Insoluble Solids		Deposit rate of:			
						Total Suspended Solids (SS _T)		Ash ** (g/m ² /month)	Combustible Matter ** (g/m ² /month)	Soluble Matter ** (g/m ² /month)	Total Solids ** (g/m ² /month)
						(g/m ² /month)	(mg/m ² /day)				
<i>Method Reference</i>						<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
S24-0046-D1	R2548/1	org. matter	150	29	2.500	0.5	15	0.0	0.4	2.1	2.6
S24-0046-D2	R2548/2	seeds, fine org. matter	150	29	2.600	0.5	18	0.0	0.5	2.6	3.2
S24-0046-D3	R2548/3	bugs, insects, fine org. matter, cloudy	150	29	2.150	2.3	76	0.6	1.6	3.2	5.5

METHODS REFERENCE:

a. Australian Standard AS 3580.10.1.8.2.2-2016 (1mm pre-sieving then using Whatman 42 Ashless filter)

NOTES:

- .. No data/ information
- Total Suspended Solids = Mass deposition rate of insoluble solids
- Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer scu.edu.au/eal or on request).
- Results relate only to the samples tested.
- ** NATA accreditation does not cover the performance of this service.
- This report was issued on 4/04/2024.



RESULTS OF DUST ANALYSIS

3 samples supplied by Lismore City Council on 29/04/2024. Lab Job No. R3535.

Exposure Period: 02/04/24 - 29/04/24

Samples submitted by Riccardo Martinez. Your Job: PO 101120-TP 23/112-Air Sampling Blakebrook FY23/2.

PO Box 23a LISMORE NSW 2480

Sample Site	EAL Code	Sample Comments	Diameter of Funnel (mm)	Sampling Days (days)	Sample Volume (L)	Deposit rate of Insoluble Solids		Deposit rate of:			
						Total Suspended Solids (SS _T)		Ash ** (g/m ² /month)	Combustible Matter ** (g/m ² /month)	Soluble Matter ** (g/m ² /month)	Total Solids ** (g/m ² /month)
						(g/m ² /month)	(mg/m ² /day)				
<i>Method Reference</i>						<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
S24-0065-D1	R3535/1	seeds, fine org. matter	150	27	4.500	0.0	2	0.0	0.0	2.1	2.2
S24-0065-D2	R3535/2	algae, sediment, fine org. matter, cloudy, yellow	150	27	4.500	1.7	55	1.7	0.0	8.2	9.9
S24-0065-D3	R3535/3	algae, bugs, fine org. matter, cloudy	150	27	3.820	0.2	8	0.2	0.0	9.1	9.3

METHODS REFERENCE:

a. Australian Standard AS 3580.10.1.8.2.2-2016 (1mm pre-sieving then using Whatman 42 Ashless filter)

NOTES:

- .. No data/ information
- Total Suspended Solids = Mass deposition rate of insoluble solids
- Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer scu.edu.au/eal or on request).
- Results relate only to the samples tested.
- ** NATA accreditation does not cover the performance of this service.
- This report was issued on 2/05/2024.



RESULTS OF DUST ANALYSIS

3 samples supplied by Lismore City Council on 28/05/2024. Lab Job No. R4753.

Exposure Period: 29/04/2024 - 27/05/2024

Samples submitted by Riccardo Martinez. Your Job: PO 84432.

PO Box 23a LISMORE NSW 2480

Sample Site	EAL Code	Sample Comments	Diameter of Funnel (mm)	Sampling Days (days)	Sample Volume (L)	Deposit rate of Insoluble Solids		Deposit rate of:			
						Total Suspended Solids (SS _T)		Ash ** (g/m ² /month)	Combustible Matter ** (g/m ² /month)	Soluble Matter ** (g/m ² /month)	Total Solids ** (g/m ² /month)
						(g/m ² /month)	(mg/m ² /day)				
<i>Method Reference</i>						<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
S24-0093-D1	R4753/1	fine org. matter	150	28	1.850	0.5	16	0.1	0.3	1.4	1.8
S24-0093-D2	R4753/2	fine org. matter	150	28	1.950	0.5	18	0.1	0.4	1.4	1.9
S24-0093-D3	R4753/3	fine org. matter, cloudy, yellow	150	28	1.590	3.5	116	1.1	2.4	7.6	11.1

METHODS REFERENCE:

a. Australian Standard AS 3580.10.1.8.2.2-2016 (1mm pre-sieving then using Whatman 42 Ashless filter)

NOTES:

- .. No data/ information
- Total Suspended Solids = Mass deposition rate of insoluble solids
- Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer scu.edu.au/eal or on request).
- Results relate only to the samples tested.
- ** NATA accreditation does not cover the performance of this service.
- This report was issued on 31/05/2024.



RESULTS OF DUST ANALYSIS

3 samples supplied by Lismore City Council on 26/06/2024. Lab Job No. R5889.

Exposure Period: 27/05/24 - 24/06/24

Samples submitted by Riccardo Martinez. Your Job: PO 101120-TP 23/112-Air Sampling Blakebrook FY23/2.

PO Box 23a LISMORE NSW 2480

Sample Site	EAL Code	Sample Comments	Diameter of Funnel (mm)	Sampling Days (days)	Sample Volume (L)	Deposit rate of Insoluble Solids		Deposit rate of:			
						Total Suspended Solids (SS _t)		Ash ** (g/m ² /month)	Combustible Matter ** (g/m ² /month)	Soluble Matter ** (g/m ² /month)	Total Solids ** (g/m ² /month)
						(g/m ² /month)	(mg/m ² /day)				
<i>Method Reference</i>						<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
S24-0111-D1	R5889/1	fine org. matter	150	28	0.270	0.0	2	0.0	0.0	0.3	0.3
S24-0111-D2	R5889/2	fine org. matter, cloudy, yellow	150	28	0.300	1.0	34	0.5	0.5	1.4	2.4
S24-0111-D3	R5889/3	leaves, twigs, bugs, fine org. matter, cloudy, yellow	150	28	0.185	2.1	70	0.8	1.3	3.4	5.5

METHODS REFERENCE:

a. Australian Standard AS 3580.10.1.8.2.2-2016 (1mm pre-sieving then using Whatman 42 Ashless filter)

NOTES:

- .. No data/ information
- Total Suspended Solids = Mass deposition rate of insoluble solids
- Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer scu.edu.au/eal or on request).
- Results relate only to the samples tested.
- ** NATA accreditation does not cover the performance of this service.
- This report was issued on 28/06/2024.



RESULTS OF DUST JAR ANALYSIS

3 samples supplied by Lismore City Council on 23/07/2024. Lab Job No. R6839.

Exposure Period 24/06/2024 - 22/07/2024

Samples submitted by Riccardo Martinez. Your Job: PO 101120-TP 23/112 -Air Sampling Blakebrook FY 23.

PO Box 23a LISMORE NSW 2480

Sample Site	EAL Code	Sample Comments	Diameter of Funnel (mm)	Sampling Days (days)	Sample Volume (L)	Deposit rate of Insoluble Solids		Deposit rate of:			
						Total Suspended Solids (SS _T)		Ash ** (g/m ² /month)	Combustible Matter ** (g/m ² /month)	Soluble Matter ** (g/m ² /month)	Total Solids ** (g/m ² /month)
						(g/m ² /month)	(mg/m ² /day)				
<i>Method Reference</i>						<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
S24-0136-D1	<i>R6839/1</i>	fine org. matter	150	28	1.600	0.8	25	0.1	0.6	1.2	1.9
S24-0136-D2	<i>R6839/2</i>	sediment, fine org. matter, cloudy, yellow	150	28	1.550	4.9	163	0.4	4.5	10.8	15.7
S24-0136-D3	<i>R6839/3</i>	fine org. matter	150	28	1.000	1.1	35	0.2	0.9	1.0	2.0

METHODS REFERENCE:

a. Australian Standard AS 3580.10.1.8.2.2-2016 (1mm pre-sieving then using Whatman 42 Ashless filter)

NOTES:

- .. No data/ information
- Total Suspended Solids = Mass deposition rate of insoluble solids
- Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer scu.edu.au/eal or on request).
- Results relate only to the samples tested.
- ** NATA accreditation does not cover the performance of this service.
- This report was issued on 25/07/2024.



RESULTS OF DUST ANALYSIS

3 samples supplied by Lismore City Council on 22/08/2024. Lab Job No. R7939.

Exposure Period: 22/07/2024 - 20/08/2024

Samples submitted by Riccardo Martinez. Your Job: PO 110859-Q24/70 Air Sampling - Blakebrook Quarry .

PO Box 23a LISMORE NSW 2480

Sample Site	EAL Code	Sample Comments	Diameter of Funnel (mm)	Sampling Days (days)	Sample Volume (L)	Deposit rate of Insoluble Solids		Deposit rate of:			
						Total Suspended Solids (SS _T)		Ash ** (g/m ² /month)	Combustible Matter ** (g/m ² /month)	Soluble Matter ** (g/m ² /month)	Total Solids ** (g/m ² /month)
						(g/m ² /month)	(mg/m ² /day)				
<i>Method Reference</i>						<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
S24-0163-D1	R7939/1	Org. Matter	150	29	2.450	1.84	61.4	1.46	0.382	0.641	2.48
S24-0163-D2	R7939/2	Fine Org. matter, cloudy	150	29	2.200	0.612	20.4	0.064	0.547	0.565	1.18
S24-0163-D3	R7939/3	Fine. Org matter, insects, bugs	150	29	2.200	0.547	18.2	0.483	0.064	1.26	1.81

METHODS REFERENCE:

a. Australian Standard AS 3580.10.1.8.2.2-2016 (1mm pre-sieving then using Whatman 42 Ashless filter)

NOTES:

- .. No data/ information
- Total Suspended Solids = Mass deposition rate of insoluble solids
- Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer scu.edu.au/eal or on request).
- Results relate only to the samples tested.
- ** NATA accreditation does not cover the performance of this service.
- This report was issued on 26/08/2024.



WORLD RECOGNISED
ACCREDITATION
Accreditation No. 14960
Accredited for compliance
with ISO/IEC 17025 - Testing

RESULTS OF DUST ANALYSIS

3 samples supplied by Lismore City Council on 18/09/2024. Lab Job No. R9034.

Exposure Period 20/08/2024 - 17/09/2024

Samples submitted by Riccardo Martinez. Your Job: PO 84432 Blakebrook Quarry.

PO Box 23a LISMORE NSW 2480

Sample Site	EAL Code	Sample Comments	Diameter of Funnel (mm)	Sampling Days (days)	Sample Volume (L)	Deposit rate of Insoluble Solids		Deposit rate of:			
						Total Suspended Solids (SS _t)		Ash **	Combustible Matter **	Soluble Matter **	Total Solids **
						(g/m ² /month)	(mg/m ² /day)				
<i>Method Reference</i>						<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
S24-0230-D1	R9034/1	1 dead beetle, cloudy	150	28	0.520	2.1	70	1.8	0.3	0.6	2.7
S24-0230-D2	R9034/2	..	150	28	0.520	0.5	17	0.3	0.2	0.6	1.2
S24-0230-D3	R9034/3	dead ants	150	28	0.380	0.4	12	0.2	0.2	0.6	0.9

METHODS REFERENCE:

a. Australian Standard AS 3580.10.1.8.2.2-2016 (1mm pre-sieving then using Whatman 42 Ashless filter)

NOTES:

- .. No data/ information
- Total Suspended Solids = Mass deposition rate of insoluble solids
- Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer scu.edu.au/eal or on request).
- Results relate only to the samples tested.
- ** NATA accreditation does not cover the performance of this service.
- This report was issued on 26/09/2024.



RESULTS OF DUST ANALYSIS

3 samples supplied by Lismore City Council on 16/10/2024. Lab Job No. S0123.

Exposure Period: 17/09/2024 - 15/10/2024

Samples submitted by Riccardo Martinez. Your Job: PO 110859.

PO Box 23a LISMORE NSW 2480

Sample Site	EAL Code	Sample Comments	Diameter of Funnel (mm)	Sampling Days (days)	Sample Volume (L)	Deposit rate of Insoluble Solids		Deposit rate of:			
						Total Suspended Solids (SSt)		Ash **	Combustible Matter **	Soluble Matter **	Total Solids **
						(g/m ² /month)	(mg/m ² /day)				
<i>Method Reference</i>						<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>	<i>a</i>
S24-0242-D1	S0123/1	fine org. matter	150	28	4.500	0.955	31.8	0.409	0.546	4.70	5.66
S24-0242-D2	S0123/2	insects, fine org. matter	150	28	4.350	0.396	13.2	0.079	0.316	2.90	3.30
S24-0242-D3	S0123/3	bug, fine org. matter	150	28	5.000	1.86	62.1	0.563	1.30	3.34	5.20

METHODS REFERENCE:

a. Australian Standard AS 3580.10.1.8.2.2-2016 (1mm pre-sieving then using Whatman 42 Ashless filter)

NOTES:

1. ... No data/ information
2. Total Suspended Solids = Mass deposition rate of insoluble solids
3. Per Month calculations incorporate 'Sampling Days' hence per Month actually refers to number of days sampled.
4. All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer scu.edu.au/eal or on request).
5. Results relate only to the samples tested.
6. ** NATA accreditation does not cover the performance of this service.
7. This report was issued on 23/10/2024.



Certificate of Analysis

Request ID: EAL/E24-00-1201 Report ID: E24-00-1201_RCOAP1_1 Issue date: 28 November 2024

				Client Sample ID:	S24-0270-D1	S24-0270-D2	S24-0270-D3
				Sample Date:	12 November 2024	12 November 2024	12 November 2024
				Your Client:	Blakebrook Quarry	Blakebrook Quarry	Blakebrook Quarry
				EAL Sample ID:	E24-00-1201-0001	E24-00-1201-0002	E24-00-1201-0003
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	---
Total Sample Volume	L	** AS 3580.10.1.8.2.2-2016	---	2.40	2.10	1.40	---
Deposit rate of insoluble solids	g/m2/ month	** AS 3580.10.1.8.2.2-2016	<0.1	1.3	0.57	9.7	---
Deposit rate of insoluble solids	mg/m2/ day	** AS 3580.10.1.8.2.2-2016	<0.1	44	19	323	---
Ash	g/m2/ month	** AS 3580.10.1.8.2.2-2016	<0.1	0.2	0.3	0.3	---
Combustible Matter	g/m2/ month	** AS 3580.10.1.8.2.2-2016	<0.1	1.1	0.3	9.3	---
Soluble matter	g/m2/ month	** AS 3580.10.1.8.2.2-2016	<0.1	1.2	1.5	12.7	---
Total Solids	g/m2/ month	** AS 3580.10.1.8.2.2-2016	<0.1	2.5	2.0	22.4	---
Sample Comments	---	** AS 3580.10.1.8.2.2-2016	---	---	ANTS	BEETLES, ALGAE	---
Colour	---	** AS 3580.10.1.8.2.2-2016	---	---	---	Brown	---

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.