

Quarterly Dust Monitoring Results

Q4 2025



Date of this report	19/01/2026
Environmental Personnel Submitting Report	Les Merton Environment and Community Superintendent Cameby Downs Mine Phone: (07) 4665 8621
Relevant Environmental Authority Conditions	EPML00900113 Condition B2 (e); quarterly reporting of the measured dust deposition rates and PM10 concentrations to a publicly available website
Period	01/10/2025 - 31/12/2025

Table 1: Quarter 4 2025 PM10 Concentrations

Date	PM10 24 hour Average ($\mu\text{g}/\text{m}^3$)
01/10/2025	24.3000
02/10/2025	17.0000
03/10/2025	9.8000
04/10/2025	9.0000
05/10/2025	8.3000
06/10/2025	24.3000
07/10/2025	25.1000
08/10/2025	34.8000
09/10/2025	44.1000
10/10/2025	29.7000
11/10/2025	28.1000
12/10/2025	22.7000
13/10/2025	18.7000
14/10/2025	8.2000
15/10/2025	8.4000
16/10/2025	14.7000
17/10/2025	12.1000
18/10/2025	29.4000
19/10/2025	9.3000

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Table 1: Quarter 4 2025 PM10 Concentrations

	PM10 24 hour Average ($\mu\text{g}/\text{m}^3$)
20/10/2025	13.5000
21/10/2025	12.0000
22/10/2025	9.3000
23/10/2025	7.3000
24/10/2025	27.3000
25/10/2025	49.3000
26/10/2025	21.5000
27/10/2025	11.8000
28/10/2025	14.6000
29/10/2025	8.0000
30/10/2025	4.0000
31/10/2025	9.9000
01/11/2025	9.8000
02/11/2025	9.0000
03/11/2025	9.9000
04/11/2025	16.6000
05/11/2025	5.8000
06/11/2025	4.4000
07/11/2025	22.3000
08/11/2025	37.2000
09/11/2025	17.4000
10/11/2025	9.5000
11/11/2025	8.8000
12/11/2025	9.4000
13/11/2025	23.1000
14/11/2025	25.9000
15/11/2025	8.9000

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Table 1: Quarter 4 2025 PM10 Concentrations

	PM10 24 hour Average ($\mu\text{g}/\text{m}^3$)
16/11/2025	8.8000
17/11/2025	5.1000
18/11/2025	8.3000
19/11/2025	7.2000
20/11/2025	16.0000
21/11/2025	17.8000
22/11/2025	7.0000
23/11/2025	10.8000
24/11/2025	11.6000
25/11/2025	14.0000
26/11/2025	15.1000
27/11/2025	8.2000
28/11/2025	9.5000
29/11/2025	5.8000
30/11/2025	8.0000
01/12/2025	6.8000
02/12/2025	5.8000
03/12/2025	9.0000
04/12/2025	7.8000
05/12/2025	16.0000
06/12/2025	14.4000
07/12/2025	20.5000
08/12/2025	16.1000
09/12/2025	8.5000
10/12/2025	13.2000
11/12/2025	13.6000
12/12/2025	6.2000

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Table 1: Quarter 4 2025 PM10 Concentrations

	PM10 24 hour Average ($\mu\text{g}/\text{m}^3$)
13/12/2025	5.9000
14/12/2025	11.1000
15/12/2025	12.2000
16/12/2025	11.8000
17/12/2025	7.5000
18/12/2025	10.7000
19/12/2025	10.4000
20/12/2025	14.8000
21/12/2025	18.9000
22/12/2025	10.7000
23/12/2025	10.7000
24/12/2025	6.2000
25/12/2025	6.0000
26/12/2025	2.4000
27/12/2025	4.2000
28/12/2025	8.3000
29/12/2025	8.3000
30/12/2025	11.1000
31/12/2025	14.3000

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Table 2: Quarter 4 2025 Depositional Dust Monitoring Data

	CDG1			CDG2			CDG3			CDG4			CDG5			CDG6		
	31-10-2025	28-11-2025	31-12-2025	31-10-2025	28-11-2025	31-12-2025	31-10-2025	28-11-2025	31-12-2025	31-10-2025	28-11-2025	31-12-2025	31-10-2025	28-11-2025	31-12-2025	31-10-2025	28-11-2025	31-12-2025
Depositional Dust																		
Ash Content - Monthly (g/m ² /month)	0.8	0.7	0.4	0.7	0.5	0.4	0.8	0.8	0.6	0.8	15.4	9.4	0.4	1.0	0.4	0.5	0.8	0.3
Ash Content (mg)	14	11	8	12	8	7	14	13	11	15	254	182	8	16	8	9	14	5
Combustible Matter (g/m ² /month)	0.2	0.3	<0.1	0.9	0.3	<0.1	1.2	1.2	0.4	0.4	1.7	1.0	0.2	0.5	0.2	0.3	0.5	0.1
Combustible Matter (mg)	5	6	<2	17	5	<2	23	20	9	6	28	21	3	9	4	5	7	2
Calculated Rainfall (mm)	64	124	73	53	130	59	99	112	45	45	103	50	91	99	42	61	128	40
Volume	1130	2200	1290	937	2300	1040	1750	1980	798	789	1820	890	1600	1750	746	1080	2260	703
Total Soluble Matter (g/m ² /month)	0.3	0.2	0.2	0.5	2.1	2.4	1.9	1.0	0.2	0.4	1.5	0.6	0.3	5.4	0.4	0.9	2.3	2.5
Total Soluble Matter (mg)	6	4	3	10	35	47	34	16	4	7	25	12	6	89	8	17	38	48
Total Insoluble Matter (g/m ² /month)	1.0	1.0	0.4	1.6	0.8	0.4	2.0	2.0	1.0	1.2	17.1	10.4	0.6	1.5	0.6	0.8	1.3	0.4
Total Insoluble Matter (mg)	19	17	8	29	13	7	37	33	20	21	282	203	11	25	12	14	21	7
Total Solids (g/m ² /month)	1.3	1.2	0.6	2.1	2.9	2.8	3.9	3.0	1.2	1.6	18.6	11.0	0.9	6.9	1.0	1.7	3.6	2.9
Total Solids (mg)	25	21	11	39	48	54	71	49	24	28	307	215	17	114	20	31	59	55
Others	33.3	33.3	13.3	53.3	26.7	13.3	66.7	66.7	33.3	40	570	346.7	20	50	20	26.7	43.3	13.3