

# Quarterly Dust Monitoring Results

Q1 2026



<b>Date of this report</b>	06/05/2026
<b>Environmental Personnel Submitting Report</b>	Les Merton Environment and Community Superintendent Cameby Downs Mine Phone: (07) 4665 8621
<b>Relevant Environmental Authority Conditions</b>	EPML00900113 Condition B2 (e); quarterly reporting of the measured dust deposition rates and PM10 concentrations to a publicly available website
<b>Period</b>	01/01/2026 - 31/03/2026

Table 1: Quarter 1 2026 PM10 Concentrations

<b>Date</b>	<b>PM10 24 hour Average (<math>\mu\text{g}/\text{m}^3</math>)</b>
01/01/2026	13.3000
02/01/2026	8.2000
03/01/2026	8.7000
04/01/2026	8.4000
05/01/2026	2.0000
06/01/2026	2.4000
07/01/2026	4.2000
08/01/2026	5.5000
09/01/2026	-0.4000
10/01/2026	0.2000
11/01/2026	9.1000
12/01/2026	0.2000
13/01/2026	0.0000
16/01/2026	0.0000
17/01/2026	0.0000
18/01/2026	0.0000
19/01/2026	0.0000
20/01/2026	0.0000
21/01/2026	0.0000

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Table 1: Quarter 1 2026 PM10 Concentrations

	PM10 24 hour Average ( $\mu\text{g}/\text{m}^3$ )
22/01/2026	0.0000
23/01/2026	0.0000
24/01/2026	0.0000
25/01/2026	0.0000
26/01/2026	0.0000
27/01/2026	0.0000
28/01/2026	0.0000
29/01/2026	0.0000
30/01/2026	0.0000
31/01/2026	0.0000
01/02/2026	13.1000
02/02/2026	16.8000
03/02/2026	14.5000
04/02/2026	10.4000
05/02/2026	10.3000
06/02/2026	11.1000
07/02/2026	11.7000
08/02/2026	9.0000
09/02/2026	8.3000
10/02/2026	18.2000
11/02/2026	15.8000
12/02/2026	10.8000
13/02/2026	8.8000
14/02/2026	4.8000
15/02/2026	2.7000
16/02/2026	3.7000
18/02/2026	10.5000

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Table 1: Quarter 1 2026 PM10 Concentrations

	PM10 24 hour Average ( $\mu\text{g}/\text{m}^3$ )
19/02/2026	10.2000
20/02/2026	10.6000
21/02/2026	8.5000
22/02/2026	4.7000
23/02/2026	8.8000
24/02/2026	11.6000
25/02/2026	12.0000
26/02/2026	11.4000
27/02/2026	10.3000
28/02/2026	6.2000
01/03/2026	7.2000
02/03/2026	8.3000
03/03/2026	10.9000
04/03/2026	8.3000
05/03/2026	9.2000
06/03/2026	4.8000
07/03/2026	7.4000
08/03/2026	-0.1000
09/03/2026	0.5000
10/03/2026	1.4000
11/03/2026	7.0000
12/03/2026	9.0000
13/03/2026	7.7000
14/03/2026	10.3000
15/03/2026	6.5000
16/03/2026	7.3000
17/03/2026	8.9000

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Table 1: Quarter 1 2026 PM10 Concentrations

	PM10 24 hour Average ( $\mu\text{g}/\text{m}^3$ )
18/03/2026	5.6000
19/03/2026	8.0000
20/03/2026	7.5000
21/03/2026	4.3000
22/03/2026	5.6000
23/03/2026	7.5000
24/03/2026	9.0000
25/03/2026	11.4000
26/03/2026	12.4000
27/03/2026	19.6000
28/03/2026	9.6000
29/03/2026	10.6000
30/03/2026	9.6000
31/03/2026	6.8000

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Table 2: Quarter 1 2026 Depositional Dust Monitoring Data

	CDG1			CDG2			CDG3			CDG4			CDG5			CDG6		
	30-01-2026	27-02-2026	31-03-2026	30-01-2026	27-02-2026	31-03-2026	30-01-2026	27-02-2026	31-03-2026	30-01-2026	27-02-2026	31-03-2026	30-01-2026	27-02-2026	31-03-2026	30-01-2026	27-02-2026	31-03-2026
<b>Depositional Dust</b>																		
Ash Content - Monthly (g/m <sup>2</sup> /month)	0.4	0.4	0.3	<0.1	0.3	1.2	1.2	1.2	0.4	0.9	0.5	1.0	3.4	0.5	0.2	0.7	0.2	0.1
Ash Content (mg)	8	6	5	<2	5	22	21	19	8	17	8	19	62	9	4	12	3	<2
Combustible Matter (g/m <sup>2</sup> /month)	0.5	0.1	<0.1	0.4	0.1	0.6	0.9	0.6	0.1	1.1	<0.1	0.7	4.4	<0.1	<0.1	0.2	<0.1	<0.1
Combustible Matter (mg)	9	3	<2	7	<2	12	17	11	<2	20	<2	13	80	<2	<2	5	<2	<2
Calculated Rainfall (mm)	127	42	147	126	38	146	124	53	146	104	39	146	108	63	146	110	34	146
Volume	2250	741	2600	2220	665	2580	2190	940	2580	1840	694	2580	1910	1110	2580	1940	596	2580
Total Soluble Matter (g/m <sup>2</sup> /month)	2.4	0.5	4.8	1.6	0.5	4.8	2.5	0.6	4.5	2.6	0.2	5.6	9.9	1.0	5.6	0.2	0.5	6.2
Total Soluble Matter (mg)	43	9	91	29	8	90	46	10	85	48	3	106	180	17	106	3	8	116
Total Insoluble Matter (g/m <sup>2</sup> /month)	0.9	0.5	0.3	0.4	0.4	1.8	2.1	1.8	0.5	2.0	0.5	1.7	7.8	0.5	0.2	0.9	0.2	0.1
Total Insoluble Matter (mg)	17	9	6	7	6	34	38	30	9	37	8	32	142	9	4	17	4	<2
Total Solids (g/m <sup>2</sup> /month)	3.3	1.0	5.1	2.0	0.9	6.6	4.6	2.4	5.0	4.6	0.7	7.3	17.7	1.5	5.8	1.1	0.7	6.3
Total Solids (mg)	60	18	97	36	14	124	84	40	94	85	11	138	322	26	110	20	12	117
Others	30	16.7	10	13.3	13.3	60	70	60	16.7	66.7	16.7	56.7	260	16.7	6.7	30	6.7	3.3