Cowra Quartz Quarry - Glen Logan Road, Cowra NSW 2794

EPA Licence No: 11420

Dust Monitoring Requirements:

Continuous sampling with results assessed on a monthly basis.

Location of Monitoring Points:

Monitoring Point 1:	Located in the north-western corner of the property on the eastern side of the main road as indicated by <i>DM01</i> on figure 1 <i>Dust Deposition Gauge Location</i> .
Monitoring Point 2:	Located between the rubbish tip and adjacent the northern hall road as indicated by <i>DM02</i> on figure 1 <i>Dust Deposition Gauge Location</i> .
Monitoring Point 3:	Located between the wash plant and the main road as indicated by <i>DM03</i> on figure 1 <i>Dust Deposition Gauge Location</i> .

Summary of Results:

Particulates	Unit of Measure	Lowest sample value	Highest sample value	Mean of samples
Ash Content	g/m ²	0.7	3.3	1.6
Combustable Matter	g/m ²	0.3	1.2	0.7

Monitoring Point 1:	Sample Date	Particulate	Unit of Measure	Test Result
	31/01/2025	Ash Content	g/m ²	0.8
	51/01/2025	Combustible Matter	g/m ²	0.5
		TOTAL	g/m ²	1.3
Monitoring Point 2:	Sample Date	Pollutant	Unit of Measure	Test Result
	31/01/2025	Ash Content	g/m ²	0.7
	51/01/2025	Combustible Matter	g/m ²	0.3
-		TOTAL	g/m ²	1.0
Monitoring Point 3:	Sample Date	Pollutant	Unit of Measure	Test Result
	31/01/2025	Ash Content	g/m ²	3.3
	51/01/2025	Combustible Matter	g/m ²	1.2
		TOTAL	g/m ²	4.5

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Monitoring Point 2:	Located between the rubbish tip and adjacent the northern hall road as indicated by <i>DM02</i> on figure 1 <i>Dust Deposition Gauge Location</i> .
Monitoring Point 3:	Located between the wash plant and the main road as indicated by <i>DM03</i> on figure 1 <i>Dust Deposition Gauge Location</i> .

Summary of Results:

Particulates	Unit of Measure	Lowest sample value	Highest sample value	Mean of samples
Ash Content	g/m ²	0.40	3.10	1.33
Combustable Matter	g/m ²	0.10	1.70	0.90

Monitoring Point 1:	Sample Date	Particulate	Unit of Measure	Test Result
	28/02/2025	Ash Content	g/m ²	0.4
	20/02/2023	Combustible Matter	g/m ²	0.1
		TOTAL	g/m ²	0.5
Monitoring Point 2:	Sample Date	Pollutant	Unit of Measure	Test Result
	28/02/2025	Ash Content	g/m ²	0.5
	20/02/2025	Combustible Matter	g/m ²	0.9
		TOTAL	g/m ²	1.4
Monitoring Point 3:	Sample Date	Pollutant	Unit of Measure	Test Result
	28/02/2025	Ash Content	g/m ²	3.1
	20/02/2023	Combustible Matter	g/m ²	1.7
		TOTAL	g/m ²	4.8

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Monitoring Point 2:	Located between the rubbish tip and adjacent the northern hall road as indicated by <i>DM02</i> on figure 1 <i>Dust Deposition Gauge Location</i> .
Monitoring Point 3:	Located between the wash plant and the main road as indicated by <i>DM03</i> on figure 1 <i>Dust Deposition Gauge Location</i> .

Summary of Results:

Particulates	Unit of Measure	Lowest sample value	Highest sample value	Mean of samples
Ash Content	g/m ²	1.5	2.2	1.9
Combustable Matter	g/m ²	0.4	1.0	0.7

g/m²

2.8

Individual Results:

Monitoring Point 1:	Sample Date	Particulate	Unit of Measure	Test Result
	31/03/2025	Ash Content	g/m ²	1.9
	51/05/2025	Combustible Matter	g/m ²	1.0
		TOTAL	g/m ²	2.9
Monitoring Point 2:	Sample Date	Pollutant	Unit of Measure	Test Result
	31/03/2025	Ash Content	g/m ²	1.5
		Combustible Matter	g/m ²	0.4
		TOTAL	g/m ²	1.9
Monitoring Point 3:	Sample Date	Pollutant	Unit of Measure	Test Result
	31/03/2025	Ash Content	g/m ²	2.2
	31/03/2025	Combustible Matter	g/m ²	0.6

TOTAL

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Monitoring Point 2:	Located between the rubbish tip and adjacent the northern hall road as indicated by <i>DM02</i> on figure 1 <i>Dust Deposition Gauge Location</i> .
Monitoring Point 3:	Located between the wash plant and the main road as indicated by <i>DM03</i> on figure 1 <i>Dust Deposition Gauge Location</i> .

Summary of Results:

Particulates	Unit of Measure	Lowest sample value	Highest sample value	Mean of samples
Ash Content	g/m ²	0.60	1.50	1.07
Combustable Matter	g/m ²	0.10	0.30	0.20

Monitoring Point 1:	Sample Date	Particulate	Unit of Measure	Test Result
	30/04/2025	Ash Content	g/m ²	1.5
	00/04/2020	Combustible Matter	g/m ²	0.3
		TOTAL	g/m ²	1.8
Monitoring Point 2:	Sample Date	Pollutant	Unit of Measure	Test Result
	30/04/2025	Ash Content	g/m ²	0.6
		Combustible Matter	g/m ²	0.1
		TOTAL	g/m ²	0.7
Monitoring Point 3:	Sample Date	Pollutant	Unit of Measure	Test Result
	30/04/2025	Ash Content	g/m ²	1.1
	50/04/2025	Combustible Matter	g/m ²	0.2
-		TOTAL	g/m ²	1.3

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Monitoring Point 2:	Located between the rubbish tip and adjacent the northern hall road as indicated by <i>DM</i> 02 on figure 1 <i>Dust Deposition Gauge Location</i> .
Monitoring Point 3:	Located between the wash plant and the main road as indicated by <i>DM03</i> on figure 1 <i>Dust Deposition Gauge Location</i> .

Summary of Results:

Particulates	Unit of Measure	Lowest sample value	Highest sample value	Mean of samples
Ash Content	g/m ²	0.50	7.40	3.40
Combustable Matter	g/m ²	0.40	0.70	0.53

Monitoring Point 1:	Sample Date	Particulate	Unit of Measure	Test Result
	31/05/2025	Ash Content	g/m ²	0.50
	31/05/2025	Combustible Matter	g/m ²	0.70
		TOTAL	g/m ²	1.2
Monitoring Point 2:	Sample Date	Pollutant	Unit of Measure	Test Result
	31/05/2025	Ash Content	g/m ²	2.30
	31/05/2025	Combustible Matter	g/m ²	0.50
		TOTAL	g/m ²	2.8
Monitoring Point 3:	Sample Date	Pollutant	Unit of Measure	Test Result
	31/05/2025	Ash Content	g/m ²	7.40
		Combustible Matter	g/m ²	0.40
		TOTAL	g/m ²	7.8