

Mittagong Sands Pty Ltd

Jan-24

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 *DM01* on figure 1 *Dust Deposition Gauge Location*.

Monitoring Point 2: Located between the rubbish tip and adjacent the northern hall road as indicated by *DM02* on figure 1 *Dust Deposition Gauge Location*.

Monitoring Point 3: Located between the wash plant and the main road as indicated by *DM03* on figure 1 *Dust Deposition Gauge Location*.

Summary of Results:

Particulates	Unit of Measure	Lowest sample value	Highest sample value	Mean of samples
Ash Content	g/m ²	1.1	1.8	1.4
Combustible Matter	g/m ²	0.5	0.8	0.7

Individual Results:

Monitoring Point 1:

Sample Date	Particulate	Unit of Measure	Test Result
31/01/2024	Ash Content	g/m ²	1.8
	Combustible Matter	g/m ²	0.5
	TOTAL	g/m ²	2.3

Monitoring Point 2:

Sample Date	Pollutant	Unit of Measure	Test Result
31/01/2024	Ash Content	g/m ²	1.2
	Combustible Matter	g/m ²	0.8
	TOTAL	g/m ²	2.0

Monitoring Point 3:

Sample Date	Pollutant	Unit of Measure	Test Result
31/01/2024	Ash Content	g/m ²	1.1
	Combustible Matter	g/m ²	0.7
	TOTAL	g/m ²	1.8

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Feb-24

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Monitoring Point 3: Located between the wash plant and the main road as indicated by *DM03* on figure 1 *Dust Deposition Gauge Location*.

Summary of Results:

Particulates	Unit of Measure	Lowest sample value	Highest sample value	Mean of samples
Ash Content	g/m ²	0.80	0.90	0.83
Combustible Matter	g/m ²	0.20	0.40	0.27

Individual Results:

Monitoring Point 1:

Sample Date	Particulate	Unit of Measure	Test Result
29/02/2024	Ash Content	g/m ²	0.8
	Combustible Matter	g/m ²	0.2
	TOTAL	g/m ²	1.0

Monitoring Point 2:

Sample Date	Pollutant	Unit of Measure	Test Result
29/02/2024	Ash Content	g/m ²	0.9
	Combustible Matter	g/m ²	0.2
	TOTAL	g/m ²	1.1

Monitoring Point 3:

Sample Date	Pollutant	Unit of Measure	Test Result
29/02/2024	Ash Content	g/m ²	0.8
	Combustible Matter	g/m ²	0.4
	TOTAL	g/m ²	1.2

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Mar-24

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Monitoring Point 3: Located between the wash plant and the main road as indicated by *DM03* on figure 1 *Dust Deposition Gauge Location*.

Summary of Results:

Particulates	Unit of Measure	Lowest sample value	Highest sample value	Mean of samples
Ash Content	g/m ²	0.6	1.4	1.0
Combustible Matter	g/m ²	0.1	0.6	0.4

Individual Results:

Monitoring Point 1:

Sample Date	Particulate	Unit of Measure	Test Result
1/04/2024	Ash Content	g/m ²	0.6
	Combustible Matter	g/m ²	0.1
	TOTAL	g/m ²	0.7

Monitoring Point 2:

Sample Date	Pollutant	Unit of Measure	Test Result
1/04/2024	Ash Content	g/m ²	0.9
	Combustible Matter	g/m ²	0.4
	TOTAL	g/m ²	1.3

Monitoring Point 3:

Sample Date	Pollutant	Unit of Measure	Test Result
1/04/2024	Ash Content	g/m ²	1.4
	Combustible Matter	g/m ²	0.6
	TOTAL	g/m ²	2.0