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
Combustable 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
31/01/2024	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
31/01/2024	Combustible Matter	g/m ²	0.8
<u> </u>	TOTAL	g/m ²	2.0

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

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/m²	0.80	0.90	0.83
Combustable Matter	g/m²	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
29/02/2024	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
29/02/2024	Combustible Matter	g/m ²	0.2
	TOTAL	g/m ²	1.1

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

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	0.6	1.4	1.0
Combustable Matter	g/m²	0.1	0.6	0.4

Individual Results:

Monitoring Point 1:

Sample Date	Particulate	Unit of Measure	Test Result
31/03/2024	Ash Content	g/m ²	0.6
31/03/2024	Combustible Matter	g/m ²	0.1
	TOTAL	g/m ²	0.7

Monitoring Point 2:

Sample Date	Pollutant	Unit of Measure	Test Result
31/03/2024	Ash Content	g/m ²	0.9
	Combustible Matter	g/m ²	0.4
	TOTAL	g/m^2	1.3

Sample Date	Pollutant	Unit of Measure	Test Result
31/03/2024	Ash Content	g/m ²	1.4
	Combustible Matter	g/m ²	0.6
	TOTAL	g/m ²	2.0

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/m²	0.50	1.10	0.80
Combustable Matter	g/m²	0.20	0.40	0.30

Individual Results:

Monitoring Point 1:

Sample Date	Particulate	Unit of Measure	Test Result
30/04/2024	Ash Content	g/m ²	0.8
30/04/2024	Combustible Matter	g/m ²	0.2
	TOTAL	g/m ²	1.0

Monitoring Point 2:

Sample Date	Pollutant	Unit of Measure	Test Result
30/04/2024	Ash Content	g/m ²	1.1
30/04/2024	Combustible Matter	g/m ²	0.4
	TOTAL	g/m ²	1.5

Sample Date	Pollutant	Unit of Measure	Test Result
30/04/2024	Ash Content	g/m ²	0.5
30/04/2024	Combustible Matter	g/m ²	0.3
	TOTAL	g/m ²	0.8

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	0.50	1.10	0.70
Combustable Matter	g/m²	0.20	0.70	0.37

Individual Results:

Monitoring Point 1:

Sample Date	Particulate	Unit of Measure	Test Result
31/05/2024	Ash Content	g/m ²	0.50
31/05/2024	Combustible Matter	g/m ²	0.20
	TOTAL	a/m²	0.7

Monitoring Point 2:

Sample Date	Pollutant	Unit of Measure	Test Result
31/05/2024	Ash Content	g/m ²	1.10
31/03/2024	Combustible Matter	g/m ²	0.70
	TOTAL	g/m ²	1.8

Sample Date	Pollutant	Unit of Measure	Test Result
31/05/2024	Ash Content	g/m ²	0.50
31/03/2024	Combustible Matter	g/m ²	0.20
	TOTAL	g/m ²	0.7

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 haul 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/m²	0.30	0.50	0.37
Combustable Matter	g/m²	0.20	0.30	0.27

Individual Results:

Monitoring Point 1:

Sample Date	Particulate	Unit of Measure	Test Result
30/06/2024	Ash Content	g/m ²	0.50
30/00/2024	Combustible Matter	g/m ²	0.20
	TOTAL	g/m ²	0.70

Monitoring Point 2:

Sample Date	Pollutant	Unit of Measure	Test Result
30/06/2024	Ash Content	g/m ²	0.30
30/00/2024	Combustible Matter	g/m ²	0.30
	TOTAL	a/m²	0.60

Sample Date	Pollutant	Unit of Measure	Test Result
30/06/2024	Ash Content	g/m ²	0.30
30/00/2024	Combustible Matter	g/m ²	0.30
	TOTAL	g/m²	0.60

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 haul 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/m²	0.30	1.60	0.80
Combustable Matter	g/m²	0.05	1.00	0.58

Individual Results:

Monitoring Point 1:

Sample Date	Pollutant	Unit of Measure	Test Result
31/07/2024	Ash Content	g/m ²	0.50
	Combustible Matter	g/m ²	0.70
	TOTAL	g/m ²	1.20

Monitoring Point 2:

Sample Date	Pollutant	Unit of Measure	Test Result
31/07/2024	Ash Content	g/m ²	1.60
31/01/2024	Combustible Matter	g/m ²	1.00
	TOTAL	g/m²	2.60

Sample Date	Pollutant	Unit of Measure	Test Result
31/07/2024	Ash Content	g/m ²	0.30
31/07/2024	Combustible Matter	g/m ²	0.05
	TOTAL	g/m ²	0.35

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 haul 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/m²	-	-	-
Combustable Matter	g/m²	-	-	-

Individual Results:

Monitoring Point 1:

Sample Date	Particulate	Unit of Measure	Test Result
	Ash Content	g/m ²	
	Combustible Matter	g/m ²	
	TOTAL	g/m ²	

*did not test due to onsite logistical problems

Monitoring Point 2:

Sample Date	Pollutant	Unit of Measure	Test Result
	Ash Content	g/m ²	
	Combustible Matter	g/m ²	
	TOTAL	g/m ²	

*did not test due to onsite logistical problems

Monitoring Point 3:

Sample Date	Pollutant	Unit of Measure	Test Result
	Ash Content	g/m ²	
	Combustible Matter	g/m ²	
	TOTAL	g/m²	

*did not test due to onsite logistical problems

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 haul 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/m²	1.50	2.90	2.40
Combustable Matter	g/m²	0.40	2.30	1.30

Individual Results:

Monitoring Point 1:

Sample Date	Particulate	Unit of Measure	Test Result
30/09/2024	Ash Content	g/m ²	2.80
30/09/2024	Combustible Matter	g/m ²	1.20
-	TOTAL	g/m ²	4.00

Monitoring Point 2:

Sample Date	Pollutant	Unit of Measure	Test Result
30/09/2024	Ash Content	g/m ²	2.90
30/09/2024	Combustible Matter	g/m ²	2.30
	TOTAL	g/m ²	5.20

Sample Date	Pollutant	Unit of Measure	Test Result
30/09/2024	Ash Content	g/m²	1.50
30/09/2024	Combustible Matter	g/m ²	0.40
	TOTAL	g/m ²	1.90

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 haul 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/m²	0.70	4.50	2.13
Combustable Matter	g/m²	0.40	1.60	0.80

Individual Results:

Monitoring Point 1:

Sample Date	Particulate	Unit of Measure	Test Result
31/10/2024	Ash Content	g/m ²	4.50
31/10/2024	Combustible Matter	g/m ²	0.40
-	TOTAL	g/m ²	4.90

Monitoring Point 2:

Sample Date	Pollutant	Unit of Measure	Test Result
31/10/2024	Ash Content	g/m ²	0.70
31/10/2024	Combustible Matter	g/m ²	0.40
	TOTAL	g/m ²	1.10

Sample Date	Pollutant	Unit of Measure	Test Result
31/10/2024	Ash Content	g/m ²	1.20
31/10/2024	Combustible Matter	g/m ²	1.60
	TOTAL	g/m ²	2.80

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 haul 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/m²	2.20	7.30	4.37
Combustable Matter	g/m ²	1.30	2.00	1.70

Individual Results:

Monitoring Point 1:

Sample Date	Particulate	Unit of Measure	Test Result
30/11/2024	Ash Content	g/m ²	3.60
30/11/2024	Combustible Matter	g/m ²	1.30
	TOTAL	g/m ²	4.90

Monitoring Point 2:

Sample Date	Pollutant	Unit of Measure	Test Result
30/11/2024	Ash Content	g/m ²	2.20
30/11/2024	Combustible Matter	g/m ²	1.80
_	TOTAL	g/m ²	4.00

Sample Date	Pollutant	Unit of Measure	Test Result
30/11/2024	Ash Content	g/m ²	7.30
30/11/2024	Combustible Matter	g/m ²	2.00
	TOTAL	g/m ²	9.30

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 haul 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/m²	1.00	7.60	3.77
Combustable Matter	g/m ²	1.00	3.50	1.90

Individual Results:

Monitoring Point 1:

Sample Date	Particulate	Unit of Measure	Test Result
31/12/2024	Ash Content	g/m ²	2.70
31/12/2024	Combustible Matter	g/m ²	1.00
	TOTAL	g/m ²	3.70

Monitoring Point 2:

Sample Date	Pollutant	Unit of Measure	Test Result
31/12/2024	Ash Content	g/m ²	1.00
31/12/2024	Combustible Matter	g/m ²	1.20
	TOTAL	g/m ²	2.20

Sample Date	Pollutant	Unit of Measure	Test Result
31/12/2024	Ash Content	g/m ²	7.60
31/12/2024	Combustible Matter	g/m ²	3.50
	TOTAL	g/m ²	11.10