



JK Cement WORKS

MUDDAPUR

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(Unit : J.K. Cement Ltd)
CIN : L17229UP1994PLC017199

Works : P.O. Muddapur - 587 122
Dist. Bagalkot (Karnataka) India

No. - JKCW/ENV./Panchagavi Mine/57/17

Date: 20-09-2018

To
The Member Secretary
Karnataka State Pollution Control Board,
"Parisar Bhavan" 4th & 5th Floor,
49, Church Street, Bangalore- 560 001

Subject- **Environmental Statement Report (Form-V) of Panchagavi Laterite Mine, Village- Panchagavi, Taluka- Ramdurg, Dist. - Belgaum (Karnataka) for the financial year April-2017 to March-2018**

Dear Sir

As per 14 of Environment (Protection) Rule 1986, please find herewith enclosed Environmental Statement Report of Panchagavi Laterite Mine, Village- Panchagavi, Taluka- Ramdurg, Dist. - Belgaum (Karnataka) in **Form V** for the financial year **2017-2018** for your kind information and record, please.

Thanking you,

Yours faithfully,
Panchagavi Laterite Mine
(Unit- JK Cement Ltd.)

R.B.M. Tripathi
(Unit Head)

Encl:

- 1- Duly filled Form-V as Environmental Statement Report
- 2- Ambient Air Quality Monitoring report as per Annexure-1
- 3- Noise Monitoring report as per Annexure-2

CC:

- 1- The Addl. Principle Chief Conservator of Forest (C), Ministry of Environment & Forests, Regional Office (South Zone), Bangalore- 560034
- 2- Scientist 'E' & In-charge, Central Pollution Control Board, 1st & 2nd Floors, Nisarga Bhavan, A-Block, Thimmaiah Main Road, 7th D Cross, Shivanagar, Bengaluru -560 079
- 3- Environmental Officer, KSPCB, Plot No-1, Autonagar,. Kanabargi Indl Area, Belgaum-590015



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FORM – V

ENVIRONMENTAL STATEMENT REPORT FOR FINANCIAL YEAR 2017-18

M/s Panchagavi Laterite Mine (Unit: J. K. Cement Limited)

PART – A

(I)	Name & Address of the Owner / Occupier of the Industry Operation or Process	R.B.M. Tripathi (Unit Head) Panchagavi Laterite Mine (Unit: J. K. Cement Limited) Village-Panchagavi, Taluka- Ramdurg, District- Belgaum (Karnataka)
(II)	Industry Category Primary (STC CODE) Secondary (SIC CODE)	Red Category
(III)	Production Capacity	30000 TPA
(IV)	Year of Establishment	Year 2015
(V)	Date of last Environmental Statement Submitted	11-09-2017

PART – B

Water & Raw Material Consumption and Lime stone production

A. Water

- (i) Over All Consumption -
Process (Dust Suppression) - 36.0 KL
Cooling - N.A.
Domestic - 18.0 KL
- (ii) Consumption per unit of production

Name of the Product	Process Water Consumption per unit of Product Output (KL/MT of Laterite)	
	During the Current Financial Year (2016-17)	During the Current Financial Year (2017-18)
Laterite	0.01213	NIL Production

B. Raw Material Consumption

Name of the Raw Material	Name of Product	Consumption of Raw Material per Unit Product Output (MT/MT of Laterite)	
		During the Current Financial Year (2016-17)	During the Current Financial Year (2017-18)
N.A	N.A	N.A	N.A

C. Total Laterite Production (In Tons)

During the Current Financial Year (2016-17)	During the Current Financial Year (2017-18)
29600	0.0 (Nil)

D. Total Power consumption (KWH/ton of Laterite)

During the Current Financial Year (2016-17)	During the Current Financial Year (2017-18)
Nil	Nil

PART - C**Pollutant Discharged To Environment / Unit of Output**

(Parameters as specified in the consent issued)

S. No.	Pollutants	Quantity of Pollutants Discharged (Mass / day) (tonne/day)	Concentrations of Pollutants in discharged (Mass / Volume) (kg/m ³)	Percentage of variation from prescribed standard with reasons
(a)	Water	There is no waste water in the mine. There is no water in Mine's pit also.		
(b)	Air	There is no point source emission in mine. Ambient air quality and Noise monitoring report as per Annexure- 1 & 2 respectively.		

PART - D

(As specified under Hazardous waste / Management and Handling rules, 1989 as Amended -2008)

Hazardous waste	During the Current Financial Year (2016-17)	During the Current Financial Year (2017-18)
No hazardous waste is generated in mine.		

PART - E**Solid Wastes**

Solid Waste	Total Quantity	
	During the Current Financial Year (2016-17)	During the Current Financial Year (2017-18)
(a) From Process	N.A.	
(b) From Pollution Control facilities	N.A.	
(c) (i) Qty. recycled or reused Within the unit.	N.A.	
(ii) Sold	N.A.	
(iii) Disposed: During the mining of limestone disposed of overburden (In MT)	880.00	Nil

PART – F

PLEASE SPECIFY THE CHARACTERISATIONS (IN TERMS OF COMPOSITION AND QUANTUM) OF HAZARDOUS AS WELL AS SOLID WASTES AND INDICATE DISPOSAL PRACTICE ADOPTED FOR BOTH THE CATEGORIES OF WASTES.

Hazardous waste: No hazardous waste is generated in mines.

Solid waste: The total overburden generated from the April-2017 to March-2018 was 0.0 MT (NIL).

PART – G

IMPACT OF THE POLLUTION ABATEMENT MEASURES TAKEN ON CONSERVATION OF NATURAL RESOURCES AND ON THE COST OF PRODUCTION.

No Mining has been done in 2017-18.

PART – H

ADDITONAL MEASURES / INVESTMENT PROPOSALS FOR ENVIRONMENTAL PROTECTION INCLUDING ABATEMENT POLLUTION, PREVENTION OF POLLUTION.

Green belt development and tree plantation is our ongoing process. Plantation has been done surrounding the ML area leaving the safety zone i.e. 7.5 mtr.. Plantation details are following.

Year	No. of trees planted
2015-2016	160
2016-2017	100

PART – I

ANY OTHER PARTICULARS FOR IMPROVING THE QUALITY OF ENVIRONMENT.

No mining has been done in 2017-18.

For Panchagavi Laterite Mine, Panchagavi (Karnataka)
(Unit: J.K. Cement Limited)


R.B.M. Tripathi
(Unit Head)

PANCHAGAVI LATERITE MINES, (KARNATAKA)

(Unit: JK Cement Ltd.)

AAQM REPORT FOR THE PERIOD FROM APRIL-2017 TO MARCH-2018

(ALL VALUES IN MICROGRAMS / CUBIC METER)

Month	Sl. No.	Date	Week	SO ₂				NO ₂				PM ₁₀				SPM			
				Locations				Locations				Locations				Locations			
				A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
A P R I L	1	4.4.2017	1st	7.2	7.2	7.3	6.6	7.4	7.6	7.6	7.0	57.9	57.6	56.2	56.2	159.3	159.0	157.1	157.1
	2	6.4.2017		7.2	7.1	7.4	6.8	7.3	7.5	7.7	7.2	57.3	57.7	57.2	57.2	157.3	159.3	157.5	157.5
	3	10.4.2017	2nd	6.4	6.7	7.2	7.1	7.5	7.1	7.5	7.5	57.3	58.9	58.8	58.8	158.0	159.6	159.3	159.3
	4	13.4.2017		6.7	7.3	6.5	7.2	7.2	8.2	6.8	7.6	57.6	57.9	57.7	57.7	159.3	158.2	158.5	158.5
	5	15.4.2017	3rd	7.4	8.1	6.7	7.6	7.6	8.6	7.0	8.0	58.6	57.7	56.5	56.5	159.0	158.3	157.8	157.8
	6	18.4.2017		8.3	8.4	6.6	7.5	8.6	8.8	7.2	7.9	58.2	57.4	56.7	56.7	159.6	158.3	157.0	157.0
	7	22.4.2017	4th	7.5	8.3	7.3	7.3	8.1	8.6	7.7	7.9	58.1	57.5	57.0	57.0	158.9	157.6	157.0	157.0
	8	25.4.2017		8.2	7.5	7.5	6.8	8.4	8.1	7.8	7.1	58.5	57.0	58.3	58.3	159.9	158.8	158.9	158.9
	9	30.4.2017		8.1	8.2	8.1	6.5	8.5	8.8	8.6	7.0	57.4	56.3	59.3	59.3	157.9	156.5	159.9	159.9
M A Y	1	1.5.2017	1st	6.8	7.5	6.3	5.8	7.5	8.3	7.5	6.7	58.7	57.7	56.5	58.0	159.7	159.5	157.2	159.0
	2	4.5.2017		6.0	6.7	5.8	7.0	7.0	7.5	7.8	8.2	58.5	58.7	58.1	58.2	159.6	159.5	158.6	159.3
	3	8.5.2017	2nd	7.0	7.5	6.5	6.2	8.2	8.5	7.2	7.8	69.0	68.6	69.4	68.6	163.7	168.9	182.8	169.9
	4	11.5.2017		6.5	7.0	7.0	6.7	7.5	8.2	8.5	7.5	72.0	72.8	68.1	66.9	170.6	171.9	183.6	163.1
	5	15.5.2017	3rd	7.5	6.5	6.8	7.5	8.0	7.8	7.8	8.2	48.8	45.3	44.8	48.2	148.5	144.8	144.7	150.7
	6	18.5.2017		6.8	7.5	7.2	6.3	7.8	8.0	8.5	7.5	65.1	63.1	66.4	63.8	168.0	163.5	166.9	164.6
	7	22.5.2017	4th	7.5	7.2	7.0	7.0	8.2	8.3	7.5	8.0	68.0	62.6	67.6	65.4	171.4	162.3	169.7	167.7
	8	25.5.2017		7.0	7.5	6.3	7.0	8.0	8.5	7.5	8.5	64.3	57.9	63.5	62.4	167.2	164.2	166.6	164.9
	9	29.5.2017		6.0	5.5	6.0	5.5	7.0	6.5	7.5	7.5	58.4	59.0	60.4	63.3	161.5	163.1	164.2	167.7
J U N E	1	1.6.2017	1st	7.5	7.5	7.5	7.5	8.3	8.2	9.3	8.5	61.9	56.3	63.1	66.1	167.6	164.5	170.2	171.9
	2	5.6.2017		5.0	8.5	7.5	6.7	6.8	9.2	8.5	10.2	63.5	58.3	59.1	73.7	169.2	168.9	166.7	180.8
	3	8.6.2017	2nd	7.0	6.5	6.7	6.5	9.5	9.2	8.2	8.2	54.7	51.6	56.6	54.8	160.3	155.4	159.7	162.3
	4	12.6.2017		6.5	8.8	6.5	7.5	8.2	9.7	8.5	9.2	54.6	58.2	52.8	61.4	159.0	162.5	157.1	169.1
	5	15.6.2017	3rd	7.5	6.8	7.5	7.5	8.5	8.3	8.5	8.5	59.2	48.3	55.0	50.1	162.1	155.0	162.7	154.5
	6	19.6.2017		8.3	7.5	6.5	8.0	9.2	8.2	7.5	9.5	58.6	59.8	57.1	51.6	164.4	163.4	156.4	157.8
	7	22.6.2017	4th	7.5	7.5	7.5	7.8	9.2	9.5	8.5	9.3	52.9	51.7	50.8	47.0	160.0	156.9	158.2	152.2
	8	26.6.2017		7.5	6.5	6.5	7.5	8.8	8.3	8.5	8.8	61.9	54.7	59.6	55.0	170.8	162.2	165.5	161.6
	9	29.6.2017		5.5	7.0	7.5	7.5	7.5	9.0	9.5	8.5	58.8	59.2	56.0	50.8	164.6	164.6	162.7	160.1
J U L Y	1	1.7.2017	1st	6.7	7.0	6.0	7.5	8.5	8.5	9.0	8.5	57.4	54.1	63.0	60.8	161.0	157.4	169.7	167.0
	2	5.7.2017		7.5	7.5	5.5	6.7	9.2	8.2	9.2	10.2	59.9	48.3	59.8	55.7	165.0	153.2	163.9	162.1
	3	8.7.2017	2nd	7.5	6.5	6.8	6.5	8.0	8.3	11.3	8.2	54.1	59.2	54.0	51.0	159.0	164.2	160.8	156.5
	4	12.7.2017		7.0	7.3	6.5	7.5	8.8	8.5	7.5	9.2	66.1	61.7	59.8	67.3	170.6	169.6	163.3	170.7
	5	15.7.2017	3rd	7.0	7.5	7.5	7.5	9.5	9.0	8.5	8.5	61.5	57.3	53.7	55.4	166.9	164.2	161.2	165.2
	6	19.7.2017		7.5	7.5	6.5	8.0	8.3	8.5	8.5	9.5	52.1	51.3	42.5	41.4	160.0	157.6	150.5	152.4
	7	22.7.2017	4th	6.0	6.8	7.5	7.8	7.0	8.5	9.3	9.3	63.2	58.7	62.2	57.0	168.1	164.4	167.8	164.0
	8	26.7.2017		7.2	7.0	6.8	7.5	8.5	9.0	9.5	8.8	42.8	47.1	55.4	53.6	152.0	153.7	161.2	160.4
	9	29.7.2017		6.5	7.0	5.5	7.5	7.5	10.5	9.5	8.5	56.2	60.0	51.9	61.6	158.8	164.1	156.0	166.1
A U G U S T	1	2.8.2017	1st	3.5	5.7	6.0	6.8	4.5	7.0	8.5	8.0	59.1	50.9	55.1	56.7	163.1	158.6	161.4	160.8
	2	5.8.2017		5.7	7.5	7.5	6.5	7.2	6.7	9.0	7.3	65.5	46.6	60.2	60.9	168.3	151.4	168.3	167.7
	3	9.8.2017	2nd	6.5	6.0	7.5	7.0	7.3	7.5	8.2	8.3	57.2	55.7	57.6	58.2	160.8	162.7	161.3	166.4
	4	12.8.2017		5.5	7.5	5.5	6.5	6.7	8.7	7.5	7.5	47.1	61.0	53.6	54.2	152.1	164.6	155.8	159.9
	5	16.8.2017	3rd	6.7	7.0	6.5	7.8	7.2	8.0	7.8	8.2	60.6	53.8	49.7	55.6	165.1	159.5	153.9	159.5
	6	19.8.2017		6.8	8.0	6.5	7.5	7.2	7.5	7.3	8.2	56.8	58.0	50.6	57.7	162.2	165.3	154.7	161.9
	7	23.8.2017	4th	7.5	7.2	7.5	6.7	8.2	8.0	8.5	7.5	52.8	60.0	56.5	54.7	155.8	164.5	162.6	157.5
	8	26.8.2017		6.5	7.5	6.7	6.2	7.5	8.2	7.8	7.8	59.9	55.8	59.4	63.7	162.8	158.9	161.9	171.1
	9	30.8.2017		4.5	5.5	5.5	6.0	5.5	6.5	6.5	7.5	61.8	51.0	46.1	58.2	163.3	154.1	154.2	164.8
S E P T E M B E R	1	2.9.2017	1st	4.2	6.5	6.5	5.7	6.5	7.5	8.2	7.8	42.2	46.9	54.9	42.4	163.1	158.6	161.4	160.8
	2	6.9.2017		6.5	5.0	6.5	7.2	5.3	7.0	9.2	10.8	40.0	35.8	48.2	40.0	168.3	151.4	168.3	167.7
	3	9.9.2017	2nd	4.7	3.8	6.0	7.5	5.5	6.8	9.5	8.2	48.2	50.0	50.5	34.2	160.8	162.7	161.3	166.4
	4	13.9.2017		5.7	4.5	6.7	6.5	6.7	6.5	7.5	7.5	40.2	37.3	37.1	45.9	152.1	164.6	155.8	159.9
	5	16.9.2017	3rd	5.5	6.5	7.5	6.8	7.5	7.0	9.3	7.2	34.2	46.7	46.3	44.1	165.1	159.5	153.9	159.5
	6	20.9.2017		4.5	3.5	7.5	6.2	6.8	5.5	9.5	7.5	23.1	30.8	37.9	41.3	162.2	165.3	154.7	161.9
	7	23.9.2017	4th	6.5	4.5	5.8	6.5	7.5	6.5	7.5	8.5	30.8	36.9	46.7	45.8	155.8	164.5	162.6	157.5
	8	27.9.2017		4.5	3.5	7.5	8.0	6.5	4.8	9.2	9.3	24.6	27.2	36.0	49.8	162.8	158.9	161.9	171.1
	9	30.9.2017		4.5	5.5	5.5	5.5	7.5	8.5	7.5	7.5	25.0	38.9	31.2	34.7	163.3	154.1	154.2	164.8
O C T O	1	3.10.2017	1st	6.2	5.7	6.3	5.7	7.5	6.7	7.3	7.8	51.1	41.0	43.5	34.7	156.8	145.4	150.7	144.9
	2	6.10.2017		4.8	7.0	7.2	4.7	8.5	9.5	10.8	5.3	48.6	47.1	55.7	46.1	154.9	155.6	162.6	152.0
	3	10.10.2017	2nd	7.5	3.5	6.8	6.5	9.3	4.7	7.5	7.8	55.0	52.4	42.2	40.4	160.5	157.2	151.1	147.5
	4	13.10.2017		3.0	2.8	7.2	2.8	4.7	4.5	10.8	4.5	29.6	34.5	27.8	24.1	134.9	142.5	139.0	132.2
	5	17.10.2017		4.5	3.5	4.2	3.2	6.8	5.7	5.8	5.5	37.1	28.7	36.7	35.3	144.0	134.2	145.5	144.6

B E R	6	20.10.2017	4th	3.2	4.5	3.5	4.5	5.0	6.0	5.5	6.5	42.1	54.8	60.0	57.7	148.8	161.8	166.3	161.7
	7	24.10.2017		7.5	6.7	6.5	7.5	14.2	8.5	10.7	12.5	58.2	46.7	46.4	52.6	162.4	156.7	159.3	164.6
	8	27.10.2017		5.8	8.3	8.2	8.3	8.5	13.0	13.0	11.5	47.1	57.1	50.7	44.9	157.3	163.1	155.2	154.6
	9	31.10.2017		7.5	7.0	7.3	8.0	11.5	12.0	11.8	13.5	59.5	42.8	58.5	59.9	164.5	150.5	163.1	167.0
N O V E M B E R	1	3.11.2017	1st	5.8	7.5	6.5	6.3	6.8	8.0	8.3	7.5	59.2	52.9	47.4	60.2	163.9	160.6	157.1	167.2
	2	7.11.2017		7.5	6.5	7.5	5.5	8.5	8.3	8.3	6.7	47.4	61.0	55.3	57.7	155.4	156.4	162.5	169.8
	3	10.11.2017	2nd	7.0	8.5	8.0	7.0	9.0	9.2	9.5	8.0	60.4	57.1	61.3	50.2	165.5	162.5	175.2	159.7
	4	14.11.2017		6.5	6.0	6.5	6.5	8.5	9.0	7.5	7.5	56.1	61.7	50.6	60.7	164.7	169.8	157.8	171.4
	5	17.11.2017	3rd	5.8	8.5	5.8	6.0	7.5	9.3	7.5	7.2	44.7	46.1	46.5	45.8	156.6	153.5	152.4	156.8
	6	21.11.2017		8.5	6.7	6.8	5.8	9.3	8.5	8.8	6.7	51.8	59.2	59.5	38.0	160.3	165.3	167.4	144.8
	7	24.11.2017	4th	6.5	5.5	7.0	7.0	7.5	9.2	9.0	8.3	58.6	50.7	72.8	58.2	163.4	155.5	175.9	162.0
	8	28.11.2017		7.0	6.5	8.5	5.3	9.0	7.5	9.3	7.5	49.2	40.9	83.2	73.5	153.3	151.2	191.8	175.2
D E C E M B E R	1	1.12.2017	1st	7.0	7.5	6.5	6.5	8.2	8.5	8.2	8.2	64.9	60.4	54.9	63.1	175.3	165.4	163.1	170.2
	2	5.12.2017		7.5	6.5	7.5	7.5	8.5	7.5	9.2	8.2	50.9	61.0	65.6	51.0	158.5	165.0	171.9	161.5
	3	8.12.2017	2nd	6.5	6.5	5.8	7.5	7.8	8.0	7.5	8.5	71.6	58.9	49.6	64.5	178.4	163.3	155.4	173.1
	4	12.12.2017		6.5	6.5	7.5	6.5	7.7	7.5	8.5	7.5	54.3	67.0	60.6	58.3	158.5	170.9	169.6	162.4
	5	15.12.2017	3rd	7.5	8.5	7.2	7.5	9.3	9.2	9.2	9.3	47.0	55.4	56.1	63.4	153.9	164.1	161.0	169.7
	6	19.12.2017		6.5	8.5	7.5	7.0	8.0	9.2	8.2	8.5	51.3	59.4	69.6	68.7	158.9	169.8	175.4	174.8
	7	22.12.2017	4th	6.5	7.5	7.3	7.5	7.5	8.5	10.2	8.3	67.4	61.7	59.2	69.8	172.7	169.4	168.6	177.5
	8	26.12.2017		8.5	7.5	8.2	7.5	9.2	9.5	10.2	9.5	58.1	43.5	60.7	52.1	163.3	150.7	165.9	159.1
	9	29.12.2017		7.5	8.5	7.3	6.8	11.5	11.0	9.0	10.5	57.1	56.7	52.4	61.6	166.4	161.6	161.6	165.9
J A N U A R Y	1	2.1.2018	1st	5.8	7.5	7.5	7.2	6.8	8.0	9.0	8.5	64.2	52.3	45.9	53.6	165.0	158.3	156.5	161.3
	2	5.1.2018		7.3	6.0	8.5	6.5	9.2	7.0	9.2	8.3	62.6	44.5	52.7	57.0	165.1	151.4	160.7	163.2
	3	9.1.2018	2nd	6.5	7.2	5.5	7.5	8.5	8.5	9.2	9.0	52.8	50.0	40.4	41.3	155.6	155.6	147.7	146.9
	4	12.1.2018		7.2	6.5	7.5	8.5	8.0	8.3	8.0	9.2	67.6	52.7	48.2	58.5	174.0	160.0	153.2	166.1
	5	16.1.2018	3rd	7.5	7.5	6.0	6.7	8.5	9.0	7.0	8.5	60.1	41.0	41.2	49.4	166.3	143.8	150.3	157.2
	6	19.1.2018		6.8	8.5	7.2	7.5	8.8	9.2	8.5	8.0	62.6	60.6	57.6	59.8	166.0	168.6	162.4	169.5
	7	23.1.2018	4th	6.2	5.5	6.5	6.0	7.0	9.2	8.3	7.0	43.9	67.2	60.8	67.6	156.1	170.0	164.4	172.1
	8	26.1.2018		7.0	6.0	6.7	5.5	9.0	9.0	8.5	9.2	58.9	59.3	69.6	49.1	167.0	168.1	172.5	157.1
	9	30.1.2018		8.5	5.5	6.3	5.8	10.5	10.5	8.0	9.5	40.9	51.7	61.5	57.0	150.0	161.6	161.7	168.7
F E B R U A R Y	1	2.2.2018	1st	6.5	6.7	7.8	4.7	7.5	8.0	8.2	7.8	58.3	58.4	64.4	52.1	165.0	163.2	170.8	158.5
	2	6.2.2018		3.7	6.3	5.5	6.3	4.8	7.5	7.5	7.5	45.6	56.3	67.1	49.4	148.4	159.9	170.3	157.4
	3	9.2.2018	2nd	7.0	7.0	6.2	4.5	8.0	9.0	7.8	9.5	66.2	67.9	64.9	57.2	168.1	170.1	169.0	164.1
	4	13.2.2018		8.0	6.5	7.5	6.2	7.5	7.5	9.5	7.0	57.7	53.7	48.4	65.9	163.5	166.8	161.1	175.6
	5	16.2.2018	3rd	4.5	5.8	9.5	7.2	6.7	6.8	11.8	8.0	64.2	60.8	59.8	56.7	171.4	165.7	165.0	161.1
	6	20.2.2018		7.0	6.8	6.7	4.2	10.2	7.5	8.7	8.5	69.6	58.6	70.6	66.5	173.0	163.6	179.7	169.7
	7	23.2.2018	4th	8.5	7.3	8.2	7.7	11.5	9.2	11.3	11.5	52.6	61.3	61.9	61.7	160.1	166.0	169.1	164.9
	8	27.2.2018		3.5	7.2	7.5	7.0	6.7	10.7	8.2	8.3	65.3	57.6	75.6	50.2	168.4	162.3	181.8	155.1
M A R C H	1	2.3.2018	1st	8.3	11.3	10.5	7.0	11.0	14.7	13.0	11.8	58.4	56.8	67.0	68.6	164.5	161.4	172.2	172.8
	2	6.3.2018		10.2	6.5	5.5	6.7	13.7	9.8	9.0	13.3	64.6	60.9	59.6	62.7	168.6	167.6	164.2	169.2
	3	9.3.2018	2nd	9.5	9.3	8.0	8.5	12.5	12.8	11.3	14.3	70.1	67.6	64.1	54.7	178.5	175.2	169.3	159.0
	4	13.3.2018		6.5	9.5	8.3	7.5	10.0	12.0	10.8	13.5	76.1	52.1	71.8	48.2	180.6	158.0	177.3	153.0
	5	16.3.2018	3rd	8.5	5.5	6.5	6.5	11.7	8.7	9.8	13.3	53.3	67.8	78.1	60.2	156.9	171.7	186.4	165.0
	6	20.3.2018		6.5	8.7	7.0	7.8	9.7	11.3	10.5	14.2	65.9	59.3	55.7	51.3	172.8	166.4	158.2	157.4
	7	23.3.2018	4th	8.5	5.5	5.5	7.2	11.3	9.0	8.7	15.2	59.3	52.5	68.9	64.9	163.3	158.4	175.8	174.3
	8	27.3.2018		6.7	8.7	7.5	7.5	9.8	11.2	15.3	16.0	67.9	60.2	70.4	68.7	171.4	176.5	176.3	172.9
	9	30.3.2018		9.0	5.5	7.5	7.8	13.5	9.5	14.8	15.3	58.0	68.7	51.2	72.3	168.1	173.2	156.0	178.7
Avg				6.7	6.8	6.9	6.8	8.2	8.4	8.8	8.8	55.6	54.4	56.3	55.5	162.3	160.8	162.8	162.5
Min.				3.0	2.8	3.5	2.8	4.5	4.5	5.5	4.5	23.1	27.2	27.8	24.1	134.9	134.2	139.0	132.2
Max.				10.2	11.3	10.5	8.5	14.2	14.7	15.3	16.0	76.1	72.8	83.2	73.7	180.6	176.5	191.8	180.8

Panchagavi Laterite Mines, (Karnataka)

(Unit: J.K. Cement Ltd.)

PM_{2.5} MONITORING REPORT FROM APRIL-2017 TO MARCH-2018

Site	Month	Date	Monitoring Location	Parameter PM _{2.5} (µg/m ³)
Panchagavi Mines	Apr-17	21.4.2017	A	32.4
		22.4.2017	B	32.6
		24.4.2017	C	31.8
		25.4.2017	D	31.6
Panchagavi Mines	May-17	02.05.2017	A	31.5
		03.05.2017	B	31.6
		04.05.2017	C	30.6
		05.05.2017	D	31.2
Panchagavi Mines	Jun-17	5.06.2017	A	32.3
		7.06.2017	B	40.2
		9.06.2017	C	36.4
		12.06.2017	D	33.1
Panchagavi Mines	Jul-17	10.07.2017	A	30.4
		12.07.2017	B	38.5
		14.07.2017	C	34.2
		18.07.2017	D	30.1
Panchagavi Mines	Aug-17	21.08.2017	A	32.6
		22.08.2017	B	30.8
		23.08.2017	C	36.7
		24.08.2017	D	33.2
Panchagavi Mines	Sep-17	5.09.2017	A	31.5
		6.09.2017	B	32.6
		7.09.2017	C	35.7
		8.09.2017	D	34.5
Panchagavi Mines	Oct-17	19.10.2017	A	35.5
		20.10.2017	B	30.2
		21.10.2017	C	38.6
		23.10.2017	D	32.8
Panchagavi Mines	Nov-17	20.11.2017	A	36.2
		21.11.2017	B	31.5
		22.11.2017	C	35.4
		23.11.2017	D	30.2
Panchagavi Mines	Dec-17	26.12.2017	A	36.2
		27.12.2017	B	31.5
		28.12.2017	C	35.4
		29.12.2017	D	30.2
Panchagavi Mines	Jan-18	16.01.2018	A	34.6
		17.01.2018	B	35.4
		18.01.2018	C	30.2
		19.01.2018	D	32.8
Panchagavi Mines	Feb-18	21.02.2018	A	32.5
		22.02.2018	B	30.8
		23.02.2018	C	35.4
		24.02.2018	D	37.5
Panchagavi Mines	Mar-18	5.03.2018	A	34.5
		6.03.2018	B	38.7
		7.03.2018	C	30.2
		8.03.2018	D	32.8
Minimum				30.1
Maximum				40.2
Average				33.44

Panchagavi Laterite Mines (Karnataka)
(Unit: J.K. Cement Ltd.)

Noise monitoring report of Panchagavi mines for the period from April-2017 to March-2018

Sl.No.	Time	Month	Panchagvi mines boundary	Panchagvi mines cabin
1	Day	Apr-17	46.2	42.5
	Night		35.2	35.7
2	Day	May-17	45.3	43.1
	Night		35.6	36.2
3	Day	Jun-17	44.2	36.5
	Night		36.5	29.6
4	Day	Jul-17	42.6	34.5
	Night		34.5	28.4
5	Day	Aug-17	42.6	34.5
	Night		34.5	28.4
6	Day	Sep-17	40.5	36.8
	Night		33.5	30.6
7	Day	Oct-17	42.5	37.5
	Night		32	31.8
8	Day	Nov-17	40.8	38.4
	Night		31.6	28.5
9	Day	Dec-17	41.8	36.6
	Night		30.5	27.4
10	Day	Jan-18	38.5	43.5
	Night		36.8	30.2
11	Day	Feb-18	47.5	43.4
	Night		35.4	33.6
12	Day	Mar-18	38.5	45.6
	Night		28.2	32.8