



JK Cement WORKS

MUDDAPUR

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

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

No. JKCW/ENV. / EC (Panchagavi mine)/93/03

Date- 28-05-2020

To,
Member Secretary
State Level Environmental Impact Assessment Authority (SEIAA)
Government of India
Room no. 706, 7th floor, 4th gate,
M.S. Building, Bangalore- 560001

Sub. – Half Yearly Environmental Clearance Compliance Report for the Period from October 2019 to March 2020 for our Panchagavi Laterite Mine

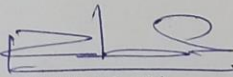
Ref: MoEF Letter No. SEIAA 107 MIN 2014 dtd. 24th December 2014

Dear Sir,

With reference to your above cited environmental clearance letter of our Panchagavi Laterite mine. We are sending here with enclosed point wise compliance report for the period from **October 2019 to March 2020** for your kind information and record please.

Thanking you

Yours faithfully
For Panchagavi Laterite mine


R.B.M. Tripathi
(Unit Head)

Encl. – Compliance report, Socio-economic development report, six monthly ambient air quality monitoring and noise monitoring report

CC:

- 1- The Addl. Principal Chief Conservator of Forest (C) , Ministry of Environment & Forest, Regional Office (South Zone), 4th floor, E&F Wings, Kendriya Sadan, 17th Main Road, IIInd Block, Koramangala, Bangalore
- 2- Chairman, Central Pollution Control Board, Parivesh Bhavan, East Arjun Nagar, New Delhi
- 3- The Secretary to Government, (Environment and Ecology), Department of Forest Environment & Ecology, Room No. 708, Gate 2, Multi Storied Building, Dr. Ambedkar Veedhi, Bangalore
- 4- The Regional Director (Environment), Department of Environment and Ecology, Government of Karnataka, No.1, Charanti Math Building, Shivalaya Road, Sadashiva Nagar, Belgaum.
- 5- Member Secretary, Karnataka Pollution Control Board, Church Street, Bangalore
- 6- Environmental Officer, Karnataka State Pollution Control Board, Plot No-1, Autonagar, Kanabargi Indl Area, Belgaum-590015



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1

Central Marketing Office :
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Panchagavi Laterite Mine, Village- Panchagavi, Taluka-Ramdurg, District- Belgaum, Karnataka

Ref: - MoEF Letter No. SEIAA 107 MIN 2014 dtd. 24th December 2014

Compliance Report for the period from October 2019 to March 2020

Name of Project: Panchagavi Laterite Mine M/s J.K. Cement Limited, Village- Panchagavi, Taluka- Ramdurg, District- Belgaum (Karnataka)

Environmental Clearance to Panchagavi Laterite Mine (ML area 4.58 ha) at Village Panchagavi, Taluka- Ramdurg, District- Belgaum, Karnataka

S.N.	CONDITIONS	Compliance Status
A	Specific Conditions	
1	Quarry plan approved by the Department of Mines and Geology Shall be strictly implemented and shall not be operated beyond the validity period of the approved quarry plan.	Now our mine has been discontinued and submitted information to MoEF/CPCB/KSPCB and other regulators via. Letter no. JKCW/ENV./ C.F./2019-20/83/18 for surrender of Environmental Clearance of our Panchagavi Laterite Mine.
2	Baseline data on health profile of each of the workers shall be maintained.	Now our mine has been discontinued and submitted information to MoEF/CPCB/KSPCB and other regulators via. Letter no. JKCW/ENV./ C.F./2019-20/83/18 for surrender of Environmental Clearance of our Panchagavi Laterite Mine.
3	PAs should get the health checkup done for the quarry workers on quarterly basis and submit report periodically.	Our mine has been discontinued
4	The SEIAA, Karnataka reserves the right to withdraw the environmental clearance subject to any in the quarrying policy by the state government as may be applicable to this project	Our mine has been discontinued
5	This Environmental Clearance is co-terminus with the lease granted vide quarry lease under MM(D & R) Act 1957/KMMC RULES-1994	Our mine has been discontinued
6	Quarrying shall be undertaken strictly in accordance with provisions of MM (D&R) Act 1957/KMMC RULES-1994.	Our mine has been discontinued
7	All the conditions stipulated in the consent for establishment issued (if applicable) by the Karnataka State Pollution control Board should be effectively implemented.	Our mine has been discontinued

8	The quarrying operations shall not intersect ground water table. Prior approval of the SEIAA / Ministry of Environment & Forests and Central Ground Water Authority Shall be obtained for quarrying below water table.	Our mine has been discontinued
9	The topsoil if any should be stacked at earmarked site only and should not kept unutilized for a period more than 3 years. The topsoil should be used for reclamation and plantation.	Our mine has been discontinued
10	Waste rock shall be stacked at earmarked site (s) only. The maximum height of the stack should not exceed 10m duly providing suitable terraces. The overall slope of the dump shall not exceed 27. A retention wall shall be built around the waste rock dump to prevent sliding.	Our mine has been discontinued
11	Catch drains and siltation ponds of appropriate size should be constructed to arrest silt and sediment flows from quarry working area and rock dumps. The water so collected should be utilized for watering the haulage area, roads, green belt development etc., and the drains should be regularly de-silted particularly after monsoon and maintained properly.	Our mine has been discontinued
12	Dimension of the retaining wall at the toe of dumps within the quarry to check run-off and siltation should be based on the rainfall data.	Our mine has been discontinued
13	The project authority should implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, central Ground water Board within 3 months and report be submitted to the Authority.	Our mine has been discontinued
14	Appropriate mitigation measures should be taken to prevent pollution of nearby water bodies in consultation with the state Pollution control Board.	Our mine has been discontinued
15	The project proponent shall submit commitment from the competent authority for drawl of requisite quantity of water for the project before starting work on the project.	Our mine is discontinued.
16	Suitable rain water harvesting measures on long-term shall be planned and implemented in consultation with Regional Director, Central Ground Water Board for complete rain water harvesting by constructing check dams/ converting quarried pits to rain water harvesting ponds.	Our mine is discontinued.
17	Vehicular emissions should be kept under control and regularly monitored measured shall be taken for maintenance of vehicles used in quarrying operations and in transportation of blocks.	Our mine is discontinued.
18	Digital processing of the entire lease area using remote sensing technique should be done regularly once in three	Our mine is discontinued.

	years for monitoring land use pattern and report submitted to SEIAA Karnataka, Department of Environment and Ecology, Govt. of Karnataka and the Regional Office, MoEF, Bengaluru.	
19	This environmental clearance does not confer any right to the proponent on the land proposed for quarrying until and unless quarry lease and all other statutory clearance are obtained from the respective department/agencies.	Our mine is discontinued.
20	The project authorities should undertake sample survey to generate data on pre-project community health status within a radius of 1 km from proposed quarry.	Our mine is discontinued.
21	Consent to operate if applicable shall be obtained from state pollution control Board prior to start of production from the quarry.	Our mine is discontinued.
22	Proper sanitary facilities should be installed for the colony/work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the labourers.	Our mine is discontinued.
23	The project proponent shall take all precautionary measures during quarrying operation for conservation and protection of endangered fauna spotted in the study area. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife Department. The proponent shall contribute towards the cost of implementation of the plan and / or Regional Wildlife Management Plan for conservation of wild life. The amount so contributed shall be included in the project cost. A copy of the action plan may be submitted to the SEIAA, Department of Environment and Ecology, Govt. of Karnataka, the Regional Director (Environment), Department of Environment and Ecology, Government of Karnataka, Belgaum and the Regional Office, MoEF, Bengaluru within 3 months.	Our mine is discontinued.
24	The project proponent shall delineate Quarry Closure Plan/ exit protocol to rehabilitate the quarried out land to match its surrounding land use including removal, storage and reuse of waste rock from quarry area to cover reclaimed area. Post Quarry Land Use Plan with rehabilitation of, quarried out area (with Plan and Section) provided and submit to SEIAA.	Our mine is discontinued.

25	Plantation monitoring programme during post project period for ensuring, survival and growth rate of plantation in reclaimed area.	Our mine is discontinued.
26	A Final Quarry Closure Plan along with details of Corpus fund should be submitted to the SEIAA Karnataka, Department of Environment and Ecology, Govt. of Karnataka and the Regional office, MoEF, Bengaluru 5 years in advance of final quarry closure for approval.	Our mine is discontinued.
27	Retention walls should be a minimum of 2.5 mtr height with base of 3 mtr.	Our mine is discontinued.
28	Check dams and gully plugs along the smaller streamlets in the area, should be constructed to arrest the loose soil flow from the quarry area.	Our mine is discontinued.
29	Particulars of dimensioned block production and dispatch shall be provided by the quarry owner yearly.	Our mine is discontinued.
30	The infrastructure of transport roads should be improved collectively by the quarry owners of the area.	Our mine is discontinued.
31	Link road from quarry site to main road shall be maintained and black topped by the project proponent	Our mine is discontinued.
32	The quarry lease area to be properly demarcated using the lat-long coordinates and duly erecting 4 feet concrete/granite pillars on the ground.	Our mine is discontinued.
33	No quarrying shall be undertaken outside the lease area.	Our mine is discontinued.
34	The project Authorities shall maintain a margin 7.5 meters along the lease boundary.	Our mine is discontinued.
35	The project authorities shall also earmark at least 5% of the total turnover of the project towards the corporate social responsibility and item-wise details along with the time bound action plan shall be prepared and submitted to the Authority.	Our mine is discontinued.
36	The project authority shall ensure that the quarry pits are well protected with proper fencing keeping the safety of local people and the animals.	Our mine is discontinued.
37	The project authority shall avoid stagnation of water in the quarry pits which would turn out to be mosquito breeding centers resulting in spreading of diseases such as malaria, dengue, etc.	Our mine is discontinued.
38	Haulage approach road should not be through Panchagavi village till the main road is reached.	Our mine is discontinued.

B	GENERAL CONDITIONS	
1	No change in quarrying technology and scope of working should be made without prior approval of the SEIAA Karnataka.	Our mine is discontinued.
2	No change in the calendar plan including excavation, quantum of mineral and waste should be made.	Our mine is discontinued.
3	It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the MoEF, Govt. of india, New Delhi.	Our mine is discontinued.
4	Data on ambient air quality (PM10, PM2.5, SO2, NOx) should be regularly submitted to the SEIAA Karnataka, Department of Environment and Ecology, Govt. of Karnataka, the Regional Director (Environment), Department of environment and Ecology, Government of Karnataka, Belgaum and the Regional office, MoEF, Bengaluru and the state pollution Control Board / Central pollution Control Board once in six Months.	Our mine is discontinued.
5	Fugitive dust emission from all the sources should be controlled regularly. Water spray arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.	Our mine is discontinued.
6	Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc should be provided with earplugs/ muffs.	Our mine is discontinued.
7	Waste water from the quarry should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th may 1993 and 31 st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharged of effluents.	Our mine is discontinued.
8	<p>Personnel working in dusty area should wear provided with adequate training and information on safety and health aspects.</p> <p>Occupational health surveillance program of the workers should be undertaken periodically i.e once in 3 months to observe any contractions due to exposure to dust and take corrective measures, if needed. Quarterly report in this regard should be submitted to the Department of Environment and Ecology, Govt. of Karnataka state pollution Control Board and the Regional office, MoEF, Bengaluru.</p>	Our mine is discontinued.
9	A separate environmental management cell with suitable qualified personnel shall be set-up under the control of a senior Executive, who will report directly to the Head of the organization. The Environment management committee should be constituted with one of the member representing	Our mine is discontinued.

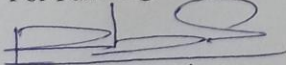
	nearby village.	
10	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the SEIAA Karnataka, the Department of Environment and Ecology, Govt. of Karnataka, the Regional Director (Environment), Department of Environment and Ecology, Government of Karnataka, Belgaum and the Regional Office, MoEF, Bengaluru.	Our mine is discontinued.
11	The Project authorities should inform the SEIAA Karnataka, Department of Environment and Ecology, Govt. of Karnataka, the Regional Director (Environment), Department of Environment and Ecology, Government of Karnataka, Belgaum and the Regional Office, MoEF, Bengaluru regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Our mine is discontinued.
12	The Regional Office of MoEF, Bengaluru; the Department of Environment and Ecology , Govt. of Karnataka, the Regional Director (Environment), Department of Environment and Ecology, Government of Karnataka, Belgaum and the Karnataka state pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full co-operation to the officer \s) of these offices by furnishing the requisite data/ information/ monitoring reports.	Our mine is discontinued.
13	The Project Proponent shall submit six monthly report on the status of the implementation of the stipulated environmental safeguards to the SEIAA Karnataka, Department of Environment and Ecology, Government of Karnataka, the Regional Director (Environment), Department of Environment and Ecology, Government of Karnataka, Belgaum and the Regional Office, MoEF, Bengaluru; the central Pollution Control Board and the Karnataka State Pollution Control Board.	Our mine is discontinued.
14	A copy of the clearance letter will be marked to the concerned Panchayat Local NGO, if any, from whom suggestion/ representation has been received while processing the proposal.	Our mine is discontinued.
15	The Project Proponent should display the conditions prominently at the entrance of the project on a big panel board for the information of the public.	Our mine is discontinued.
16	The Karnataka State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/	Our mine is discontinued.

	Tehsildar's office for 30 days.	
17	The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned within 7 days of the issue of the clearance letter informing that the project has been accorded environment clearance and a copy of the clearance letter is available with the state pollution control Board and also at website of the Authority at http://www.seiaa.kar.nic.in and a copy of the same should be forwarded to the Department of Environment and Ecology, Government of Karnataka, The Regional Director (Environment), Department of Environment and Ecology, Government of Karnataka, Belgaum and the Regional office, MoEF, Bengaluru.	Our mine is discontinued.
18	Concealing factual data or submission of false/ fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (protection) Act, 1986.	Our mine is discontinued.
19	Any appeal against this environmental clearance shall lie with the national Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.	Our mine is discontinued.
20	The SEIAA or any other competent authority may alter / modify the above conditions or stipulate any further condition in the interest of environment protection.	Our mine is discontinued.
21	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (protection) Act, 1986.	Our mine is discontinued.
22	The above conditions will be enforced inter-alia, under the provisions of the water (prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (protection) Act, 1986 and the public Liability Insurance Act, 1991 along with their amendments and rules made there under.	Our mine is discontinued.

We hope, you will find our reply in order.

Thanks with regards,

Yours faithfully
For Panchagavi Laterite Mine, M/s J.K. Cement Works, Muddapur


R.B.M. Tripathi
(Unit Head)

CSR REPORT FOR PERIOD FROM OCTOBER 2019 TO MARCH 2020

CSR Project or activity identified	Section in which the project is covered	Local Area or	Specify State	Amount	Amount
(60-75 words)		other	and other	Spent	spent:Direct or
					through implementing
					Agency
Computer and printers installation with Furniture in Muddapur village government School	Rural development projects	Muddapur Village	Karnataka	-	Direct
Computer and printers installation in Jamkhandi Commerce and Industries office	Rural development projects	Jamkhandi Village	Karnataka	65,957	Direct
Computer Table donation given in Muddapur Govt school	Rural development projects	Metaguda Village	Karnataka	-	Direct
Donation made to Karnataka Flood Relief fund	Rural development projects	Karnataka	Karnataka	-	Direct
Contribution in construction of Mass Marriage Community Hall at Muddapur	Community Welfare Projects	Muddapur Village	Karnataka	2,00,000	Direct
Distribution of Bed sheet & Blanket & food to flood victims near by area.	Rural development projects	Muddapur Village	Karnataka	-	Direct
Cement bags donated to Mallikarjuna Temple at Lokapur	Community Welfare Projects	Muddapur Village	Karnataka	-	Direct
Contribution in construction of Community Meeting Hall at Muddapur	Community Welfare Projects	Muddapur Village	Karnataka	2,00,000	Direct
Contribution in construction of Toilet in Govt School at Muddapur	Rural development projects	Muddapur Village	Karnataka	1,00,000	Direct
Cement bags donated to Halki Govt School	Rural development projects	Halki Village	Karnataka	10,790	Direct
				5,76,747	

PANCHAGAVI LATERITE MINES, (KARNATAKA)

(Unit: JK Cement Ltd.)

AAQM REPORT FOR THE PERIOD FROM OCTOBER-2019 TO MARCH-2020

(ALL VALUES IN MICROGRAMS / CUBIC METER)

Month	SO ₂				NO ₂				PM ₁₀				PM _{2.5}			
	Locations				Locations				Locations				Locations			
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
OCTOBER	8.3	8.0	7.5	8.3	18.3	18.0	18.0	18.3	45.7	34.1	42.4	42.4	37.5	22.4	25.0	25.0
	7.5	7.5	8.3	6.5	18.0	17.8	18.3	16.8	32.1	38.8	50.9	50.9	29.2	15.8	37.5	29.2
	8.3	6.8	7.2	8.0	18.3	16.8	17.7	18.0	49.0	30.6	35.3	35.3	25.0	25.0	33.3	33.3
	9.0	8.3	9.2	9.2	19.0	18.3	19.2	19.2	40.4	41.4	41.6	41.6	20.1	37.5	29.2	20.8
	8.3	9.2	8.2	8.7	19.2	19.2	18.3	18.7	35.9	51.6	47.0	47.0	17.8	37.5	31.0	33.3
	9.2	8.3	7.5	7.5	19.2	18.3	18.0	17.5	46.1	47.1	52.8	52.8	40.0	29.2	30.7	24.0
	6.8	7.3	8.0	7.0	16.5	17.3	18.0	16.8	39.2	36.7	42.2	42.2	27.5	25.0	29.2	35.2
	7.5	6.5	7.3	6.5	17.5	17.2	17.3	16.5	34.9	21.4	34.2	34.2	37.5	20.8	25.0	12.5
	6.5	7.0	8.8	7.0	16.5	17.0	18.8	17.0	39.8	30.7	46.8	46.8	20.8	25.0	33.3	29.2
NOVEMBER	7.5	7.5	7.0	6.7	17.0	18.0	17.0	18.0	53.2	39.8	50.2	53.4	37.5	33.3	37.5	37.5
	8.0	8.0	8.3	7.5	18.0	18.2	18.3	17.5	41.6	44.8	34.8	35.4	33.8	25.0	29.2	41.7
	7.0	9.2	7.5	8.2	17.0	19.2	17.5	18.2	53.0	51.2	46.8	56.8	25.0	29.2	20.8	37.5
	8.0	7.0	6.7	6.8	19.5	17.8	16.7	16.7	36.4	35.5	60.9	45.2	37.5	20.8	33.8	27.5
	6.5	6.2	7.2	7.3	16.5	17.3	17.3	17.3	54.4	58.4	57.5	54.6	33.3	27.5	25.0	33.3
	7.8	7.5	8.0	8.0	17.2	18.0	18.0	16.5	61.4	48.3	50.0	63.0	20.8	33.3	37.5	25.0
	6.8	7.0	6.5	6.8	16.8	17.5	16.5	16.8	49.1	39.7	41.6	47.1	29.2	25.0	28.9	33.3
	7.5	8.0	8.0	9.2	18.5	18.7	18.8	19.2	53.2	56.8	60.1	58.6	20.8	27.5	26.9	29.2
	6.8	6.5	7.7	7.5	16.5	17.5	18.8	18.3	45.6	62.4	52.7	64.0	37.5	20.8	33.3	27.5
DECEMBER	6.5	5.8	6.2	6.7	16.5	15.8	16.2	17.3	43.0	30.4	42.1	38.8	20.8	25.0	20.8	16.7
	8.0	8.0	8.0	7.0	18.0	18.8	18.0	17.7	51.6	47.8	54.4	57.0	25.0	16.7	29.2	25.0
	5.7	6.5	6.0	6.2	15.7	16.5	16.0	16.8	40.5	43.7	45.5	44.4	29.2	20.8	33.3	20.8
	5.0	4.8	5.2	5.0	15.2	14.8	16.0	15.5	45.9	36.2	42.1	36.2	20.8	33.3	29.2	33.3
	4.7	5.8	5.0	4.5	14.7	15.3	14.5	15.3	38.2	48.2	52.9	44.5	16.7	25.0	20.8	16.7
	3.7	4.5	4.8	3.7	13.8	14.3	14.3	13.7	45.4	40.4	47.9	58.3	29.2	29.2	29.2	25.0
	5.7	6.5	6.0	6.5	15.7	16.7	16.7	16.5	30.7	46.7	57.7	65.7	20.8	12.5	16.7	12.5
	4.5	3.8	3.8	5.5	14.5	13.8	14.2	15.5	53.5	51.0	48.4	48.8	37.5	29.2	37.5	19.2
	6.7	5.7	5.2	7.3	16.7	16.0	16.0	14.7	61.2	58.5	56.1	52.4	29.2	33.3	25.0	37.5
JANUARY	6.0	5.5	4.8	5.5	16.0	15.7	17.0	14.7	52.1	58.6	47.5	62.1	25.0	37.5	29.2	25.0
	7.3	4.8	5.5	6.7	15.7	15.5	16.7	16.7	60.1	50.7	56.5	53.8	33.3	20.8	20.8	20.8
	5.8	6.7	7.5	7.2	16.7	17.7	17.8	17.7	48.3	61.9	50.2	65.6	20.8	33.3	25.0	12.5
	8.3	7.0	8.0	7.5	18.3	18.5	18.0	18.0	55.4	56.9	63.0	56.3	16.7	25.0	29.2	20.8
	6.7	8.0	6.8	6.7	16.7	18.0	17.8	18.8	61.1	62.2	58.0	60.5	20.8	29.2	33.3	37.5

	7.7	6.7	7.8	6.8	18.5	17.3	17.8	17.8	47.7	55.7	46.9	51.0	16.7	33.3	20.8	25.0
	5.5	7.2	8.0	8.0	17.7	16.8	18.7	18.0	53.7	60.5	57.3	59.2	29.2	37.5	33.3	20.8
	6.5	6.5	6.5	6.8	16.8	16.5	16.7	16.7	62.9	51.4	52.1	65.1	25.0	33.3	29.2	33.3
	5.5	7.0	7.2	5.7	15.7	17.5	18.0	17.7	58.4	59.2	58.5	57.9	37.5	25.0	25.0	12.5
FEBRUARY	7.7	5.8	8.0	7.3	17.8	17.2	18.0	17.3	76.3	79.6	69.7	64.7	45.8	37.5	41.7	33.3
	6.7	7.2	6.7	6.7	16.7	18.0	17.3	18.2	64.6	66.4	60.7	69.5	33.3	41.7	37.5	29.2
	8.0	8.0	7.3	7.0	18.2	18.8	18.3	17.5	87.2	68.5	51.7	56.0	37.5	37.5	45.8	20.8
	7.2	6.5	8.0	8.0	17.8	16.5	18.8	18.8	70.6	59.8	57.7	61.1	37.5	25.0	41.7	33.3
	8.0	8.0	7.5	7.5	18.0	17.8	17.8	17.8	97.8	52.3	46.2	59.9	41.7	37.5	33.3	41.7
	7.8	6.8	7.2	6.7	18.0	16.7	18.8	17.5	84.2	64.7	69.6	70.4	29.2	33.3	37.5	29.2
	7.7	8.0	6.8	8.5	17.7	18.0	18.8	18.7	78.0	59.0	61.8	74.6	37.5	45.8	45.8	33.3
	6.2	7.3	7.7	6.7	17.7	17.3	17.7	17.3	70.0	52.5	53.8	54.4	33.3	41.7	37.5	20.8
MARCH	7.7	7.7	7.7	8.0	18.7	17.7	18.5	18.0	57.3	53.9	55.0	52.3	33.3	29.2	37.5	37.5
	8.2	8.0	8.7	6.8	18.0	18.3	17.8	17.3	62.3	58.7	60.0	47.7	29.2	25.0	20.8	29.2
	7.2	7.7	6.8	7.3	18.7	18.5	17.3	17.3	68.9	66.9	57.0	60.2	25.0	20.8	33.3	41.7
	6.8	6.5	7.3	6.8	17.8	16.5	17.8	16.7	59.4	48.2	47.3	59.4	33.3	16.7	29.2	25.0
	8.0	7.0	6.8	7.5	18.0	18.0	17.7	18.0	61.4	58.4	35.2	43.4	20.8	33.3	25.0	20.8
	7.8	6.7	7.7	8.0	17.8	17.7	19.3	19.0	53.1	43.4	53.5	54.9	16.7	20.8	16.7	12.5
	8.0	8.0	6.7	7.0	18.5	18.5	16.7	17.8	43.0	39.4	47.0	33.6	20.8	8.3	8.3	33.3
	7.3	7.3	8.2	6.7	18.5	18.2	19.0	16.8	36.2	27.2	39.7	26.7	8.3	12.5	16.7	16.7
	6.5	6.5	7.8	7.3	16.5	17.0	18.7	18.2	58.6	29.1	32.4	37.9	12.5	16.7	8.5	12.5
Avg	7.1	7.0	7.1	7.1	17.3	17.3	17.6	17.3	53.8	49.4	50.6	52.4	27.9	27.6	29.3	26.8
Min.	3.7	3.8	3.8	3.7	13.8	13.8	14.2	13.7	30.7	21.4	32.4	26.7	8.3	8.3	8.3	12.5
Max.	9.2	9.2	9.2	9.2	19.5	19.2	19.3	19.2	97.8	79.6	69.7	74.6	45.8	45.8	45.8	41.7

Panchagavi Laterite Mines (Karnataka)

(Unit: J.K. Cement Ltd.)

Noise monitoring report of Panchagavi mines for the period from October-2019 to March-2020

Sl.No.	Month	Time	Panchagvi mines boundary	Panchagvi mines cabin	Panchagvi mines Service Road
1	Oct-19	Day	47.6	40.8	45.5
		Night	35.5	31.6	33.8
2	Nov-19	Day	48.5	41.6	46.6
		Night	34.6	30.5	32.5
3	Dec-19	Day	43.6	39.5	34.6
		Night	30.2	32.4	28.2
4	Jan-20	Day	47.2	40.2	35.4
		Night	33.6	30.5	26.8
5	Feb-20	Day	50.2	45.6	42.6
		Night	35.8	30.2	36.2
6	Mar-20	Day	42.8	45.6	40.7
		Night	31.6	35.4	32.8
Average		Day	46.7	42.2	40.9
		Night	33.6	31.8	31.7
Minimum		Day	42.8	39.5	34.6
		Night	30.2	30.2	26.8
Maximum		Day	50.2	45.6	46.6
		Night	35.8	35.4	36.2