



SHREE CEMENT LTD.

(Unit : Karnataka Cement Project)

An ISO 9001,14001,50001 & OHS 18001 Certified Company

Village Benkanhalli and Kodla, Post : KODLA - 585 222

Post Box No. 01, Tq. Sedam, Dist. Kalaburagi. Karnataka

CIN No. : L26943RJ 1979PLC001935, Website : www.shreecement.com

SCL / KCP/ENV/2020-21/ 116

Date: 24/08/2020

**The Member Secretary,
Karnataka State Pollution Control Board,
Parisara Bhavan, No. 49, 4th & 5th Floor,
Church Street, Bangalore-560001,
Karnataka.**

Sir,

Sub: Environment Statement Report under Environment Protection Act, 1986 of Limestone Mine for the year of 2019-20 by M/s Shree cement Ltd (Unit: Karnataka Cement Project), Village Benkanhalli and Kodla, Taluk-Sedam, District: Kalaburagi, Karnataka.

Ref: Combined consent order No. AW-307696 PCB ID: 35060 dated 07/09/2018.

Dear Sir,

We are submitting herewith the Annual Environment Statement Report for the period from April-2019 to March-2020.

This is for your kind information please.

Thanking you,
Yours faithfully,
For SHREE CEMENT LIMITED,

(Arvind kumar Patil)
Unit Head



Copy: The Environmental Officer, Karnataka State Pollution Control Board, Flat No. F-101, Green Park, Karnataka Housing Board Colony, Ring Road, Shaikh Roza, Kalaburagi - 585101.

o/c

ANNEXURE

ENVIRONMENTAL STATEMENT FORM-V (See rule 14)

Environmental Statement for the financial year ending with 31st March 2020

PART-A

i	Name and address owner/ occupier of the industry operation or process.	Shri. Arvind Kumar Patil, Unit Head M/s. Shree Cement Ltd (Unit: Karnataka Cement Project), Village- Benkanhalli & Kodla, Taluk-Sedam, District-Kalaburagi Karnataka
ii	Industry category Primary-(STC Code) Secondary- (STC Code)	RED Category
iii	Production capacity – Units.	Captive Limestone Mine – 3.8 Million TPA
iv	Year of establishment	June 2018
v	Date of the last environmental statement submitted	20-09-2019

PART –B

Water and Raw Material Consumption:

i. Water consumption in m³/d

Process : N.A

Cooling and dust suppression : 12 KLD for Dust suppression

Domestic : 1.9 KLD

Name of Products	Process water consumption per unit of products (KL/MT of Limestone)	
	During the previous financial year (2018-19)	During the current financial Year (2019-20)
Limestone	0.00034 KL/MT of Limestone	0.0002 KL/MT of Limestone

ii. Raw material consumption

Name of raw materials	Name of Products	Consumption of raw material per unit of output	
		During the previous financial year (2018-19)	During the current financial year (2019-20)
Limestone	NA	515284 Tonnes	1626710 Tonnes

iii. Power Consumption (KWH/T of Limestone):

During Previous Financial Year (2018-19)	During Current Financial Year (2019 -20)
1.55	1.14

iv. Total Production (MT):

Product Name	During Previous Financial Year (2018-19)	During Current Financial Year (2019 -20)
Limestone	515284	1626710

PART-C

Pollution Discharged to Environment/Unit of Output
(Parameter as specified in the consent issued)

Pollutants	Quantity of Pollutants discharged (mass/day)	Concentration of Pollutants discharged (mass/volume)	Percentage variation of prescribed standards from reasons.
(a) Water	Nil	Waste water generated from office toilets is disposed in soak pit via/ through septic tank. Waste water generated from washing ramp is being utilized in crusher for dust	

		suppression after separating the oil and grease contaminant.
(b) Air	Nil	Ambient Air Quality monitoring is being done regularly, details are enclosed as Annexure-I.
(c)	Noise	Noise level Monitoring is being done regularly, details are enclosed as Annexure-II.

PART-D
HAZARDOUS WASTES

(as specified under Hazardous Wastes (Management & Handling Rules, 1989).

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year (2018-19)	During the current financial year (2019-20)
1. From Process	Nil	Nil
2. From Pollution Control Facilities	NA	NA

PART - E
SOLID WASTES:

Solid Wastes	Total Quantity (Kg)	
	During the previous financial year (2018-19)	During the current financial year (2019-20)
a. From process	NA	NA
b. From Pollution Control Facility	NA	NA
c. Quantity recycled or re-utilized within the unit.	NA	NA
D. Disposed (During mining of limestone disposed of overburden		
1. Top soil for reclamation (MT)	11128 Tonnes	Top soil used for plantation 32000 Tonnes and Top soil stocked 53650 Tonnes
2. Over burden (MT)	92768 Tonnes	287949 Tonnes

Note: 1) Overburden is stocked separately for future use of reclamation.

2) Top soil is being used for plantation and stacked separately as per approved mining plan.

PART – F

Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Battery Wastes:

A specified under batteries (Management and Handling) Amendment Rules, 2010, we have purchased following new batteries of different categories.

Number of new batteries of different categories purchased from the manufacturer / importer / dealer or any other agency.	During current financial Year April 2019 to March 2020	
Category:	No. of Batteries	Approximate Weight (In Metric Tonnes)
(i) Automotive		
a) Four wheeler	16	0.356
b) Two wheeler	NIL	NIL
(ii) Industrial		
a) UPS	127	1.84
b) Motive Power	NIL	NIL
c) Stand –by	NIL	NIL
(iii) Others	Nil	Nil
Total	143	2.196

Number of used batteries of categories sent to manufacturer / dealer / importer / registered recycler / or any other agency.	During current financial Year April 2019 to March 2020	
Common for cement plant & Mines		
Category:	(i) No. of Batteries	(ii) Approximate Weight (In Metric Tonnes)
(i) Automotive	NIL	NIL
a) Four wheeler		
b) Two wheeler		
(ii) Industrial		
a) UPS	NIL	NIL
b) Motive Power		
c) Stand –by		
(iii) Others	NIL	NIL
Total	NIL	NIL

Hazardous Wastes

No hazardous waste is generated from the process except used oil which is drained from HEMM/Equipment's. The used oil & old lead acid batteries are sold to CPCB authorized recyclers.

Bio-Medical Wastes

Bio-medical waste generated during current financial year April-2019 to March-2020 under the Bio-medical waste (management & Handling) Rules 2016, are as follows.

Period	Bio Medical Waste Quantity (Kg) as per Color Coding			
	Red	Blue	Yellow	White
April 2018 to March 2019	1.35	-	5.8	10 g
April 2019 to March 2020	25	-	33	-

E-Waste

	Total Quantity	
	During the previous financial year (2018-19)	During the current financial year (2019-20)
From Process	Nil	Nil
From Pollution Control Facility	Nil	Nil

PART-G

Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production.

1. Bag filter has been installed at crusher.
2. Wet drilling is being done by wet drilling machine.
3. Blasting is being done by as per working permission of DGMS under regulation 106(2)(b) of MMR1961.
4. Controlled blasting is being done by latest technology by using shock tube detonators of down the hole delay (in millisecond) as well as trunk line delay (in millisecond) to control noise level, vibration and fly rock. Which is regularly monitored by latest series of seismograph micro mate.
5. Funds are earmarked for Environmental Protection Measures in a separate account and are utilized for this purpose only.

PART – H

Additional measures/investment proposal for environmental protection including abatement of pollution.

Unit is conducting Environmental Monitoring as per the Guidelines of CPCB & State Pollution Control Board, and submitting reports on regular basis. Following steps has been adopted for haulage road design for minimum dust generation and a water tanker is dedicatedly deployed for watering on haulage road for suppression of dust. All the haulage roads including the mines to crusher/stock are being kept wide, leveled, and compacted with impact road roller.

Fugitive dust emission is being controlled

- i. The drilling machines are equipped with the wet drilling arrangement by water injection system with compressed air.
- ii. Bag filters are installed at existing crushers.
- iii. Water spray on haul road by means of truck mounted tanker during every shift working.
- iv. Material is being wetted by water spraying before loading in dumpers.
- v. Water spraying arrangement/Dust suppression system has been provided at the unloading point of limestone crusher hopper & discharge end of belt conveyor.

Noise is controlled by adopting various measures like-

- i. Noise generated by mine machinery is minimized by adopting advanced maintenance practices.
- ii. Use of earmuff and earplug.
- iii. All HEMM being provided with AC operators cabin to overcome noise & dust pollution as well as to improve operator efficiency
- iv. Controlled blasting is being done by latest technology by using shock tube detonators of down the hole delay (in millisecond) as well as trunk line delay (in millisecond) to control noise level, vibration and fly rock. Which is regularly monitored by latest series of seismograph micro mate.
- v. Greenbelt is being development all around the mine boundary.

Occupational Health & Safety Management-

- i. Periodical medical examination is being done as per guidelines of MMR 1961 for occupational health monitoring of the employees.
- ii. Earplugs and earmuffs are provided to the workers working in high noise zone.
- iii. Trained operators operate machines.
- iv. All HEMMs are provided with AC cabin to overcome noise & dust

pollution as well as fatigue sensor to improve operator efficiency.

PART -I

MISCELLANEOUS:

Any other particulars in respect of environmental protection and abatement of pollution.

1. Personal protective equipment (PPE's) are being provided to all mine employee i.e. Dust Mask, Ear plug, eye goggle etc.
2. Regular water spraying is being done on haulage roads and near loading places for effective dust suppression.
3. Dust generated during unloading of limestone in hopper is suppressed by water spraying in the form shower with pressure from nozzle fitted to main water pipeline in crusher, so that dust generated while crushing is suppressed.
4. Rock breaker machine is used for breaking of oversize boulders instead of secondary blasting which eliminated vibration, noise, fly rocks & reducing greenhouse gases which have caused due to secondary blasting.
5. Wet drilling system is being followed while drilling, so that dust is suppressed immediately.
6. Construction of grease and oil chamber at washing ramp to avoid pollution. Oil and grease is separated from water by gravity action & filtered water is used for dust suppression purpose.
7. Maintenance department is doing regular checking and scheduled maintenance of all the pollution control devices.
8. Blasting is being done by using slurry explosive and NONEL blasting system is used to reduce ground vibration.

Annexure-I
Ambient Air Quality Monitoring

Location Name	Month	PM2.5 ($\mu\text{g}/\text{m}^3$)	PM10 ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)
AAQ-1 Near West Plant and Mine Boundary	April-19	38.2	64.5	9.8	10.9
	May-19	39.1	65.4	9.4	10.2
	June-19	37.6	63.1	10.2	11.3
	July-19	33.4	59.7	11.6	13.8
	Aug-19	31.1	61.6	13.1	14.3
	Sep-19	29.7	62.1	10.9	15.1
	Oct-19	29.6	66.3	13.8	19.3
	Nov-19	32.4	61.6	11.8	15.6
	Dec-19	28.1	63.3	12.6	13.2
	Jan-20	29.4	65.7	14.35	10.9
	Feb-20	30.8	63.1	16.7	11.9
	Mar-20	31.6	64.6	15.8	12.6
AAQ-2 Near East Side Plant and Mine Boundary	April-19	34.6	60.5	9.1	11.2
	May-19	35.4	62.1	10.5	11.6
	June-19	33.8	58.7	9.2	10.3
	July-19	35.2	63.8	8.8	10.6
	Aug-19	29.6	65.6	10.4	15.8
	Sep-19	28.4	61.8	11.6	14.2
	Oct-19	24.1	65.2	11.9	16.3
	Nov-19	22.8	63.4	13.3	15.8
	Dec-19	25.3	64.1	12.1	13.6
	Jan-20	27.7	62.6	14.6	17.2
	Feb-20	26.1	66.3	13.1	15.5
	Mar-20	26.9	65.8	13.9	14.8
AAQ-3 Near North side Boundary wall	April-19	30.6	57.1	8.9	9.6
	May-19	31.8	59.7	10.6	11.8
	June-19	28.7	57.3	10.1	11.2
	July-19	25.3	54.6	11.7	12.3
	Aug-19	21.8	60.4	11.2	13.5
	Sep-19	22.1	58.7	12.6	15.9
	Oct-19	19.6	57.3	11.9	12.7
	Nov-19	23.4	61.8	10.8	13.7
	Dec-19	21.6	63.5	11.6	14.4
	Jan-20	22.9	65.3	12.8	13.15
	Feb-20	23.1	64.8	11.5	14.2
	Mar-20	24.2	65.9	12.1	13.9
AAQ-4 Near South Mine Boundary	April-19	25.1	50.8	8.9	10.6
	May-19	23.8	52.1	10.6	11.3

	June-19	21.8	50.7	10.2	10.9
	July-19	20.1	52.4	9.9	11.3
	Aug-19	24.6	54.7	10.4	11.9
	Sep-19	26.3	55.8	9.7	12.6
	Oct-19	23.1	57.3	10.6	13.5
	Nov-19	21.2	60.3	11.2	15.9
	Dec-19	22.6	59.2	12.4	14.8
	Jan-20	23.4	62.6	13.8	16.6
	Feb-20	22.9	60.8	14.1	15.7
	Mar-20	24.1	62.5	13.8	14.9

M/s Vimta Lab Limited AAQ Analysis Report:

Vimta Labs Limited
Registered Office
142, IDA Phase II, Charlepally
Hyderabad-500 051, Telangana, India
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ISSUED TO:

SHREE CEMENT LIMITED
(UNIT KARNATAKA CEMENT PROJECT)
VILLAGE KODLA,
TALUKA SEDAM KALABURAGI,
KARNATAKA.

Report Number : VLL/VLS/19/03510/002
Issued Date : 2019-07-16
Your Ref : SCL/CC/ARC/KODLA/18-19/WO-4932.
And Date : 2019-05-28

Kind Attn. : Mr. J. SUNIL
Designation : Sr. Engineer-Environment

Page 1 of 1

SAMPLE PARTICULARS : AMBIENT NOISE MONITORING

Sample Registration Date : 2019-06-24 Sampling Date : 2019-06-21

Test Required : L_{10} , L_{50} , L_{90} , L_{eq} , L_{day} , L_{night} & L_{dn}

SAMPLE COLLECTED BY VIMTA LABS LTD

TEST REPORT

S.No.	Location Details	L_{10}	L_{50}	L_{90}	L_{eq}	L_{day}	L_{night}	L_{dn}
1	Near Switch Yard-1	52.1	48.2	44.5	49.2	50.0	46.4	53.5
2	Near east side plant & mine boundary	53.7	49.8	46.1	50.8	51.6	48.0	55.1
3	Near Crusher	62.2	58.3	54.6	59.3	60.1	56.5	63.6
4	Near Cement Mill	60.7	56.8	53.1	57.8	58.6	55.0	62.1
5	Near CCR Building	56.7	52.8	49.1	53.8	54.6	51.0	58.1

Dr. Subba Reddy Mallampati
Group Leader - Environment

Vimta Labs Limited
Registered Office
142, IDA Phase II, Cherlepally
Hyderabad-500 051, Telangana, India
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ISSUED TO:

SHREE CEMENT LIMITED
(UNIT KARNATAKA CEMENT PROJECT)
VILLAGE KODLA,
TALUKA SEDAM KALABURAGI,
KARNATAKA.

Report Number : VLL/VLS/19/10599/009
Issued Date : 2019-12-14
Your Ref : SCL/CC/ARC/KODLA/18-19/WO-4932.
And Date : 2019-05-28

Kind Attn. : Mr. J. SUNIL
Designation : Sr. Engineer-Environment

Page 1 of 1


SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING

Sample Registration Date : 2019-11-23 Sampling Date : 2019-11-21
Analysis Starting Date : 2019-11-25 Analysis Completion Date : 2019-12-14
Test Required : PM_{2.5}, PM₁₀, SO₂, NO₂, and CO.
SAMPLE COLLECTED BY VIMTA LABS LTD

TEST REPORT

PM_{2.5}, PM₁₀, SO₂, NO₂, is monitored on 24 hrs. Basis & CO is monitored on 8 hrs basis.

Sr. No.	Location Details	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	CO µg/m ³		
						I	II	III
1	Near Switch Yard-1	30.6	51.6	15.1	17.1	235	309	337
2	Near east side plant & mine boundary	24.2	48.7	14.3	16.8	247	302	318
3	Near Crusher	32.8	58.9	12.9	15.1	211	325	316
4	Near Mines south side	33.1	54.6	14.1	16.7	219	332	330
Limits As Per NAAQS		60	100	80	80	2000		
Test Methods		Gravimetric Method		Improved West & Geake	Modified Jacob & Hochheiser Method	NDIR spectroscopy method		


Dr. Subba Reddy Mallampati
Group Leader - Environment

Annexure-IV
Ambient Noise Level Monitoring

Apr-19

Sl. No.	Location	Noise Level at Day Time Limit: 75 dB (A)	Noise Level at Night Time Limit: 70 dB (A)
01.	Near Switch Yard-I	60.5	52.4
02.	Near east side plant & mine boundary	61.3	55.8
03.	Near CCR building	63.6	55.1
04.	Near crusher	70.8	64.3
05.	Near cement mill	70.3	61.6

May-19

Sl. No.	Location	Noise Level at Day Time Limit: 75 dB (A)	Noise Level at Night Time Limit: 70 dB (A)
01.	Near Switch Yard-I	59.6	50.8
02.	Near east side plant & mine boundary	61.9	54.7
03.	Near CCR building	64.3	54.2
04.	Near crusher	71.6	63.1
05.	Near cement mill	69.8	62.3

Jun-19

Sl. No.	Location	Noise Level at Day Time Limit: 75 dB (A)	Noise Level at Night Time Limit: 70 dB (A)
01.	Near Switch Yard-I	58.4	51.2
02.	Near east side plant & mine boundary	62.3	55.1
03.	Near CCR building	61.9	53.2
04.	Near crusher	72.6	64.8
05.	Near cement mill	70.8	63.6

July-19

Sl. No.	Location	Noise Level at Day Time Limit: 75 dB (A)	Noise Level at Night Time Limit: 70 dB (A)
01.	Near Switch Yard-I	57.6	49.1

02.	Near east side plant & mine boundary	61.6	54.3
03.	Near CCR building	58.1	50.9
04.	Near crusher	66.7	59.8
05.	Near cement mill	71.3	64.1

Aug-19

Sl. No.	Location	Noise Level at Day Time Limit: 75 dB (A)	Noise Level at Night Time Limit: 70 dB (A)
01.	Near Switch Yard-I	55.7	47.6
02.	Near east side plant & mine boundary	60.3	55.1
03.	Near CCR building	57.5	49.4
04.	Near crusher	68.6	60.2
05.	Near cement mill	70.1	63.3

Sep-19

Sl. No.	Location	Noise Level at Day Time Limit: 75 dB (A)	Noise Level at Night Time Limit: 70 dB (A)
01.	Near Switch Yard-I	58.2	49.3
02.	Near east side plant & mine boundary	57.6	51.8
03.	Near CCR building	58.9	48.2
04.	Near crusher	70.6	62.4
05.	Near cement mill	69.6	64.3

Oct-19

Sl. No.	Location	Noise Level at Day Time Limit: 75 dB (A)	Noise Level at Night Time Limit: 70 dB (A)
01.	Near Switch Yard-I	57.9	48.3
02.	Near east side plant & mine boundary	59.7	50.6
03.	Near CCR building	55.6	45.2
04.	Near crusher	71.3	66.4
05.	Near cement mill	70.8	65.1

Nov-19

Sl. No.	Location	Noise Level at Day Time Limit: 75 dB (A)	Noise Level at Night Time Limit: 70 dB (A)
01.	Near Switch Yard-I	55.2	45.8
02.	Near east side plant & mine boundary	58.6	47.4
03.	Near CCR building	60.2	50.7
04.	Near crusher	71.5	64.1
05.	Near cement mill	68.6	62.8

Dec-19

Sl. No.	Location	Noise Level at Day Time Limit: 75 dB (A)	Noise Level at Night Time Limit: 70 dB (A)
01.	Near Switch Yard-I	55.7	42.3
02.	Near east side plant & mine boundary	56.4	46.8
03.	Near CCR building	59.1	45.3
04.	Near crusher	68.6	59.8
05.	Near cement mill	70.8	65.1

Jan-20

Sl. No.	Location	Noise Level at Day Time Limit: 75 dB (A)	Noise Level at Night Time Limit: 70 dB (A)
01.	Near Switch Yard-I	52.4	40.6
02.	Near east side plant & mine boundary	55.1	44.8
03.	Near CCR building	58.6	45.1
04.	Near crusher	67.2	58.3
05.	Near cement mill	68.9	63.1

Feb-20

Sl. No.	Location	Noise Level at Day Time Limit: 75 dB (A)	Noise Level at Night Time Limit: 70 dB (A)
01.	Near Switch Yard-I	53.1	40.2
02.	Near east side plant & mine boundary	56.3	43.9
03.	Near CCR building	57.2	44.1

04.	Near crusher	68.9	55.6
05.	Near cement mill	70.2	58.4

Mar-20

Sl. No.	Location	Noise Level at Day Time Limit: 75 dB (A)	Noise Level at Night Time Limit: 70 dB (A)
01.	Near Switch Yard-I	52.1	39.8
02.	Near east side plant & mine boundary	55.7	41.4
03.	Near CCR building	56.3	42.8
04.	Near crusher	69.2	55.3
05.	Near cement mill	68.2	54.1

M/s Vimta Lab Limited Noise Analysis Report:

Vimta Labs Limited

Registered Office
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VILLAGE KODLA,
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Report Number : VLL/VLS/19/03510/001
Issued Date : 2019-07-16
Your Ref : SCL/CC/ARC/KODLA/18-19/WO-4932.
And Date : 2019-05-28

Kind Attn. : Mr. J. SUNIL
Designation : Sr. Engineer-Environment

Page 1 of 1


SAMPLE PARTICULARS : AMBIENT AIR QUALITY MONITORING

Sample Registration Date : 2019-06-24 Sampling Date : 2019-06-21
Analysis Starting Date : 2019-06-25 Analysis Completion Date : 2019-07-16
Test Required : PM_{2.5}, PM₁₀, SO₂, NO₂, and CO.
SAMPLE COLLECTED BY VIMTA LABS LTD

TEST REPORT

PM_{2.5}, PM₁₀, SO₂, NO₂ is monitored on 24 hrs. Basis & CO is monitored on 8 hrs basis.

Sr. No.	Location Details	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	CO µg/m ³		
						I	II	III
1	Near Switch Yard-1	32.1	54.5	14.2	15.3	245	319	327
2	Near east side plant & mine boundary	27.6	50.2	13.7	15.1	227	342	308
3	Near Crusher	37.9	60.2	11.8	13.4	218	322	306
4	Near Mines south side	30.3	51.1	12.2	15.6	209	327	296
Limits As Per NAAQS		60	100	80	80	2000		
Test Methods		Gravimetric Method		Improved West & Geake	Modified Jacob & Hochheiser Method	NDIR spectroscopy method		


Dr. Subba Reddy Mallampati
Group Leader - Environment

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Report Number : VLL/VLS/19/10599/008
Issued Date : 2019-12-14
Your Ref : SCL/CC/ARC/KODLA/18-19/WO-4932.
And Date : 2019-05-28

Kind Attn. : Mr. J. SUNIL
Designation : Sr. Engineer-Environment

Page 1 of 1

SAMPLE PARTICULARS : AMBIENT NOISE MONITORING

Sample Registration Date : 2019-11-23 Sampling Date : 2019-11-21

Test Required : L_{10} , L_{50} , L_{90} , L_{eq} , L_{day} , L_{night} & L_{dn} .

SAMPLE COLLECTED BY VIMTA LABS LTD

TEST REPORT

S.No.	Location Details	L_{10}	L_{50}	L_{90}	L_{eq}	L_{day}	L_{night}	L_{dn}
1	Near Switch Yard-1	50.4	49.1	46.2	48.3	52.1	47.3	54.1
2	Near east side plant & mine boundary	52.1	48.7	47.6	52.4	52.6	49.4	56.2
3	Near Crusher	60.6	59.2	55.2	58.9	62.6	57.3	60.6
4	Near Cement Mill	61.6	57.6	54.9	56.1	59.4	56.9	59.9
5	Near CCR Building	57.9	54.3	51.3	54.6	56.1	52.6	57.6

Dr. Subba Reddy Mallampati
Group Leader - Environment