



SHREE CEMENT LIMITED

(UNIT-SHREE RAIPUR CEMENT PLANT)

Village: Khaparadih, Tehsil: Simga, Distt. Baloda Bazar-Bhatapara (C.G) Pin: 493332,
Ph.:07727-203101, CIN No. : L26943RJ1979PLC001935



SRCP/ENV/2019-20/180

Date: - 24/05/2019

To,

The Director

Ministry of Environment, Forests and Climate Change,
West Central Regional Office,
Ground Floor, Eastern Wing,
New Secretariat Building-Opposite Old VCA Stadium,
Civil Lines, Nagpur – 440001, (M.H)

Sub:- Regarding compliance for the period October, 2018 to March, 2019 to the conditions of Environment Clearance for Limestone Mine with enhancement of Limestone production capacity from 4.8 Million TPA to 8.6 Million TPA (ML area 531.126 ha.) located near village Semaradih & Bharuwadih, Tehsil - Balodabazar in District - Baloda Bazar - Bhatapara (Chhattisgarh) by Shree Raipur Cement Plant (A unit of Shree Cement Limited).

Ref: - Environment Clearance Letter No. J-11015/159/2014-IA.II(M) on dated 30th March, 2017.

Dear Sir,

In reference to the above subject matter & reference letter, it is submitted herewith the point wise Half Yearly compliance status for the period of October, 2018 to March, 2019 is enclosed herewith for your kind perusal please.

Hope you will find this in order.

Thanking you.

Yours faithfully

For Shree Raipur Cement Plant.
(A unit of Shree Cement Ltd.)


R. K. Vijay
Joint VP (Operations)

Enclosures: Compliance status Report period October-2018 to March-2019.

Cc to:-

- 1) The In charge (Zonal Office), Central Pollution Control Board (CPCB), 3rd floor, Sahkar Bhawan, North T.T. Nagar, Bhopal – 462003 (M.P.).
- 2) The Member Secretary, Chhattisgarh Environment Conservation Board, Paryavas Bhavan, North Block, Sector-19 Naya Raipur (C.G)

Compliance Status of Environment Clearance

Period from October -2018 to March -2019

Name of Project: Shree Lime Stone mine by Shree Raipur Cement Plant (A Unit of Shree Cement Ltd)

Capacity & Location: Enhancement of Lime Stone production capacity from 4.8 Million TPA to 8.6 Million TPA by Shree Raipur Cement Plant (A Unit of Shree Cement Ltd), located near Village Semeradih & Bharuwadih Tehsil-Balodabazar, Distt.- Baloda Bazar-Bhatapara (Chhattisgarh)

EC Letter No :- J-11015/159/2014-IA.II(M) on dated 30th March, 2017

A. Specific & Conditions:

Sr. No	Condition	Compliance
1	Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court of Chhattisgarh, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Agreed.
2	This Environmental clearance is granted subject to necessary permissions for land use to be obtained from the State Govt. of Chhattisgarh before commencing the activities.	Expansion has been done in the existing land.
3	The Proponent shall ensure that the canals should not be diverted. The 50m buffer zone on either side of stream/canal in lease area and adjoining to the mine lease area shall be maintained.	Agreed to maintain 50 m buffer zone on either side without diverting the canal.
4	No mining activities will be allowed in forest area, if any, for which the Forest Clearance is not available.	Not Applicable.
5	The Environmental Clearance is subject to obtaining requisite NBWL Clearance, if any, from the Standing Committee of National Board for Wildlife for Mining project.	Not Applicable
6	The Project Proponent shall obtain Consent to Operate from the State Pollution Control Board, Chhattisgarh and effectively implement all the conditions stipulated therein.	Consent to operate for extraction of 8.6 MTPA of limestone has been granted by the CECB. The compliance to the conditions stipulated in the consent to operate is submitted to the pollution control board once in every month. The copy of the Consent to Operate is enclosed as Annexure-1 .

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7	<p>The Proponent shall install online Ambient Air Quality Monitoring System and there should be system for display of digital AAQ data within 03 months at least at three locations as per wind direction. Online provisions of pH and turbidity meters at discharge points of STP and ETP and also at water storage ponds in the mining area may be made. Project Proponent should display the result digitally in front of the main Gate of the mine site.</p>	<p>Installed 4 numbers of AAQMS for the measurement of PM_{2.5}, PM₁₀, CO, SO₂ and NO_x level and real time data are linked with SPCB and CPCB server. Data are being displayed at the plant main gate and at CPCB server. AAQMS data are enclosed as Annexure-2. The photograph of Digital Display Board at main gate is enclosed as Annexure-3.</p> <p>There is no effluent water discharge from mine activities. Only HEMM washing is carried out and it is used for dust suppression in crusher after removal of oil and grease contents if any.</p> <p>There is no STP in mine. Sewage water generated from mine office utility is disposed off in soak pit via septic tank.</p>
8	<p>The Report on six monthly basis on changes in Ground water level and quality shall be submitted to the Regional Office of the Ministry, CGWA and State Pollution Control Board.</p>	<p>Complying with. Ground water level and quality being monitored by a third party and the report is submitted to the Regional office of the Ministry, CGWA and State pollution Control Board. Report enclosed as Annexure- 4.</p>
9	<p>Project Proponent should plant only native species for green belt development. Plantation of local species should be carried out during the Monsoon Season. The project should also implement community Development and Welfare programme in the area of Health, Education and Environmental Protection.</p>	<p>Presently 157186 saplings have been planted.</p> <p>Under Hariyar Chhattisgarh project, we have planted trees near School of Bharuwadih, Semradih, Khapradih, Chandi, Karahi & Parkidih villages with about 10 KM of both side of road plantation from Bharuwadih to chandi village and we have also planted trees at Bhatapara. Apart from that, sapling plantation have also been done in Railway siding and colony area. Photographs of plantation are enclosed as Annexure-5.</p> <p>Various projects have been implemented for community Development and Welfare programme in the area of Health, Education and Environmental Protection by our CSR Department.</p>



10	Proponent shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project and maintain records accordingly; also, Occupational health check-ups for workers having some ailments like BP, diabetes, habitual smoking, etc. shall be undertaken once in six months and necessary remedial/preventive measures taken accordingly. The Recommendations of National Institute for ensuring good occupational environment for mine workers shall be implemented; The prevention measure for burns, malaria and provision of anti-snake venom including all other paramedical safeguards may be ensured before initiating the mining activities.	Occupational health programs are conducted on regular basis and records being maintained by the Occupation Health Center (OHC). Quantitative statistics on number of individual screened for occupational health surveillance is enclosed as Annexure-6 . Sample copy of medical examination for the period October, 2018 to March, 2019 is enclosed.
B. General Conditions		
1	A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment, Forest and Climate Change 5 years in advance of final mine closure for approval.	Copy of modified mining plan with progressive Mine closure plan approved by IBM Raipur vide Letter No. बलौदाबा/चूप/खयो - 1025/ नाग २०१५/२९ रायपुर dated 13/07/2016 is enclosed as Annexure-7 .
2	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment, Forest and Climate Change.	We are working as per approved modified mining plan.
3	No change in the calendar plan including excavation, quantum of mineral and waste should be made.	We are working as per approved modified mining plan.
4	The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of water (surface water and ground water) for the project.	CGWA NOC obtained on 24.10.18. Valid up to 07.04.2023. CGWA NOC Copy enclosed as Annexure-8 .
5	Mining shall be carried out as per the provisions outlined in mining plan approved by Indian Bureau of Mines (IBM) as well as by abiding to the guidelines of Directorate General Mines Safety (DGMS).	Mining is being carried out as per the IBM approved mining plan and guidelines provided by the Directorate General Mines Safety (DGMS).
6	The project proponent shall carry out scientific investigation in respect of "Blast induced ground vibration, fly rock & air blast". Based on this study, Project Proponent should design an effective blast design to curb blast induced menace and public annoyance. The Report shall be submitted to the Regional Office of the Ministry.	Controlled blasting being carried out with latest blasting technology by using non-electric down detonators with hole delay system and non-electric trunk line delay system at surface. Individual hole gives separate delay which gives minimum vibration level as well as low value of air blast on the surface. It reduced the vibration well below of the permissible limit as prescribed by DGMS. Ground vibration being regularly monitored as well as air blast level with the help of latest Micromet Seismograph. Report from October, 2018 to March, 2019 is enclosed as Annexure-9 .

7	The lands which are not owned by Proponent, mining will be carried out only after obtaining the consents from all the concerned land owners as per the provisions of the Mineral Concession Rules, 1960 and MMDR Act, 1957.	Mining being done in within mining lease area with State Govt. permission and as per the provisions of the Mineral Concession Rules, 1960 and MMDR Act, 1957.
8	Digital processing of the entire lease area using remote sensing technique shall be carried out regularly once in three years for monitoring land use pattern and report submitted to Ministry of Environment, Forest and Climate Change its Regional Office.	Differential Global Positioning System (DGPS) in mine lease area has been carried out. It has been verified by Deputy Director Mines (DGM office) Balodabazar on 18.07.18. Copy enclosed as Annexure-10 .
9	The critical parameters as per the Notification 2009 such as PM10, PM2.5, NOx, and SOx etc. in the ambient air within the impact zone, peak particle velocity at 300m distance or within the nearest habitation, whichever is closer shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH and Total Suspended Solids (TSS)].The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The circular No. J-20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.	<p>4 numbers of Online AAQMS are installed at the common boundary of plant and mine, covering all three villages Bharuwadih, Semradih and Khapradih and real time data are displayed at the main gate.</p> <p>Data are being displayed at the plant main gate and at CPCB server. AAQMS data are enclosed as Annexure-2.</p> <p>Peak particle velocity is measured at 300 meter is well within the norms of 10 mm/s Report attached herewith- as Annexure 9.</p> <p>There is no effluent water discharge from mine.</p>
10	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM10 and PM2.5 such as haul road, loading and unloading point and transfer points. Fugitive dust emissions from all the sources shall be controlled regularly. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board.	<p>Water is being sprayed on haul road, at unloading points and inside the crusher.</p> <p>Ambient air quality is well within the prescribed norms.</p>

11	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease by establishing a network of existing wells and constructing new piezometers during the mining operation. The project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. The monitoring shall be carried out four times in a year pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board.	<p>There is no natural water course passing through the mine lease area.</p> <p>We have established a network of Bore wells and piezometers for Regular monitoring of ground water level and quality at core zone and buffer zone. Photographs of the same is enclosed as Annexure-11.</p> <p>Last year quality and level is given as below as Annexure 4.</p> <p>Data collected are being submitted to the MOEF&CC and its Regional Office, Central Ground Water Authority and State Ground Water Board annually. .</p>
12	Regular monitoring of the flow rate of the springs and perennial nallahs flowing in and around the mine lease shall be carried out and records maintain. The natural water bodies and or streams which are flowing in an around the village, should not be disturbed. The Water Table should be nurtured so as not to go down below the pre-mining period. In case of any water scarcity in the area, the Project Proponent has to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug wall located in village should be incorporated to ascertain the impact of mining over ground water table.	<p>There is no springs and perennial nallahs flowing through the mining lease area.</p> <p>There is no disturbance of nearby water bodies by mining activities.</p> <p>We have developed a pit of 2.5 lacs KL storage capacity of rain water harvesting pond & 2.5 lacs KL storage capacity of mines pit for direct use and to recharge the ground water. Further in residential colony one pond of 20K KL is proposed.</p> <p>Photographs are enclosed as Annexure 12.</p>
13	Regular monitoring of water quality upstream and downstream of water bodies shall be carried out and record of monitoring data should be maintained and submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority, Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board	There is no river flowing near to mining lease area.
14	Transportation of the minerals by road passing through the village shall not be allowed. A 'bypass' road should be constructed (say, leaving a gap of at least 200 meters) for the purpose of transportation of the minerals so that the impact of sound, dust and accidents could be mitigated. The project proponent shall bear the cost towards the widening and strengthening of existing public road network in case the same is proposed to be used for the Project. No road movement should be allowed on existing village road network without appropriately increasing the carrying capacity of such roads.	<p>Lime Stone being transported through pipe conveyor and closed conveyor system from crusher to plant.</p> <p>Photograph enclosed as Annexure 13.</p>

15	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours.	All the mining activities is being carried out as per norms of DGMS to maintain illumination and sound level. Noise monitoring report enclosed as Annexure 14 . Apart from this 7.5 M width wide green belt has been developed surrounding the mining lease area.
16	Main haulage road in the mine should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers. The material transfer points should invariably be provided with Bag filters and or dry fogging system. In case of Belt-conveyors facilities the system should be fully covered to avoid air borne dust; Use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.	Presently there is no permanent haul road in mine. Road from phase to crusher is regularly wetted by water sprinkler and maintained by road grader and compactor. Road from Mine office to crusher is permanent and have been cemented. Photograph of concreted road is enclosed as Annexure 15 .
17	Board reserves the right to amend/cancel any of the above conditions, stringent the emission/effluent limits stipulated above and add new conditions as and when deemed necessary in the interest of environmental protection, change in the project profile or non-satisfactory implementation of the stipulated conditions etc.	Agreed.
18	There shall be planning, developing and implementing facility of rainwater harvesting measures on long term basis and implementation of conservation measures to augment ground water resources in the area in consultation with Central Ground Water Board.	The area falls under the safe category and as per the CGWA guideline 2015, 50 % recharge of withdrawal is required. The overall recharge is more than 50% of withdrawal. We have developed 2 ponds in plant area each of 1L KL capacity and mining pit of capacity 2.5L KL and one pond in mine area of 2.5L KL in mine area to collect rain water and recharge of ground water. Further in residential colony one pond of 20K KL is proposed. In addition, we have maintained the ponds by cleaning and deepening at Village Chandi, Karhi and Khapradih. Detail is enclosed as Annexure-16 .
19	The Project Proponent has to take care of gullies formed on slopes. Dump mass should be consolidated with proper filling/levelling with the help of dozer/compactors.	Provided pitching along the slope of crusher ramp. Dump site is properly maintained with the help of dozer and compactors.

20	The reclamation at waste dump sites shall be ecologically sustainable. Scientific reclamation shall be followed. The local species may be encouraged and species are so chosen that the slope, bottom of the dumps and top of the dumps are able to sustain these species. The aspect of the dump is also a factor which regulates some climatic parameters and allows only species adapted to that micro climate.	We will ensure the proper reclamation of the waste dump site with suitable native species.
21	The top soil, if any, shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only and it should not be kept active for a long period of time. The maximum height of the dumps shall not exceed 8m and width 20 m and overall slope of the dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run-off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled and afforested. Monitoring and management of rehabilitated areas should continue until the \vegetation becomes self-sustaining Compliance status shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office on six monthly basis.	<p>As per approved mining plan, top soil is being separate stacked and top soil also being used for plantation along mines lease boundary area.</p> <p>We are regularly submitting half yearly Compliance reports. Last Half yearly Compliance report period from April-18 to September-18 sent by e-mail on 02.11.2018 and by courier on 02.11.2018.</p> <p>Courier receipt is enclosed as Annexure 17.</p>
22	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly. The drains, settling tanks and check dams of appropriate size, gradient and length shall be constructed both around the mine pit and over burden dumps to prevent run off of water and flow of sediments directly into the river and other water bodies and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and desilted at regular intervals.	Catch drains and siltation pond has been constructed to collect rain water and being utilized.

23	Plantation shall be raised in a 7.5m wide green belt in the safety zone around the mining lease, backfilled and reclaimed area, around water body, along the roads etc. by planting the native species in consultation with the local DFO/Agriculture Department and as per CPCB Guidelines. The density of the trees should be around 2500 plants per ha. Greenbelt shall be developed all along the mine lease area in a phased manner and shall be completed within first five years.	7.5 Meter width wide green belt has been developed surrounding the mining lease area. At present 1,57,186 plant sampling has been planted in mining area.
24	Project Proponent shall follow the mitigation measures provided in Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", if any, applicable to the project	Not Applicable
25	The Project Proponent shall make necessary alternative arrangements, where required, in consultation with the State Government to provide alternate areas for livestock grazing, if any. In this context, Project Proponent should implement the directions of the Hon'ble Supreme Court with regard to acquiring grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded against felling and plantation of such trees should be promoted.	Not Applicable
26	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna, if any, 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. A copy of action plan shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office	Letter from forest Department showing "No impact of project on Dhabadih Reserved Forest" is enclosed as Annexure-18 .
27	At least 2.5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs and action plan with financial and physical breakup/details shall be prepared and submitted to the Ministry's Regional Office located at Nagpur. Implementation of such program shall be ensured accordingly in a time bound manner.	An amount Rs.98.46 lakh rupees has been incurred on socio-economic activities from October, 2018 to March, 2019. Details enclose for CSR expenses as given in Annexure- 19 .
28	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after	Housing, fuel, toilets with soak pits & septic tank, safe drinking water, medical healthcare etc. has been provided to construction labours.

	the completion of the project.	
29	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 ear plugs/ muffs.	All HEMM are fitted with AC cabin. Measures being taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM etc. are provided with ear pluggs/ muffs. Noise monitoring report enclosed as Annexure 14 .
30	Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.	There is no effluent water discharge from mine activities. Only HEMM washing is carried out and it is used for dust suppression in crusher after removal of oil and grease contents if any. Sewage water generated from mine office utility is disposed off in soak pit via septic tank.
31	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.	All HEMM are fitted with AC cabin. PPEs are provided to the mine working persons.
32	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.	A separate environmental management cell with full-fledged laboratory facilities has been developed under the control of a Senior Executive who reports directly to the Unit Head.
33	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 Ministry and its Regional Office.	Adequate fund are available for Capital and Recurring to implement the EMP. Details of environmental Expenditure from October, 2018 to March, 2019 are enclosed as Annexure-20 .
34	The project authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Capacity from 4.8 to 8.6 MTPA increase on 13-12-2017.
35	The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment, Forest and Climate Change, its Regional Office, Central Pollution Control Board and State Pollution Control Board.	We are regularly submitting half yearly Compliance reports. Last Half yearly Compliance report period from April, 2018 to September, 2018 sent by mail on 02.11.2018 and by courier on 02.11.2018. Courier receipt is enclosed as Annexure 17 .
36	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the	Agreed.

	requisite data / information / monitoring reports.	
37	A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal.	Copy of environment clearance letter has been sent on 10.4.2017 to the followings:- Gram Panchayat, Semaradih. Gram Panchayat, Bharuwadih. Gram Panchayat letter copy enclosed as Annexure- 21 . EC letter has been put on our web site:- www.shreecement.in
38	State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/ Tehsildar's Office for 30 days.	-
39	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 environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment, Forest and Climate Change at www.environmentclearance.nic.in and a copy of the same should be forwarded to the Regional Office.	Advertised in two local newspapers widely circulated in the region namely, Haribhoomi and The Hitavada on 07/04/2017. Copy of Paper cutting enclosed as Annexure-22 .

For Shree Raipur Cement Plant
(A unit of Shree Cement Ltd.)



R K Vijay
Joint VP (Operations)

Enclosed: - As above





CHHATTISGARH ENVIRONMENT CONSERVATION BOARD
Paryavas Bhawan, North Block, Sector - 19,
Atal Nagar, District - Raipur (C.G.)
E-mail - hocecb@gmail.com

No. 7562/TS/CECB/ 2019

Atal Nagar, Dated: 08/02/2019.

To,

M/s Shree Raipur Cement Plant,
 (A unit of Shree Cement Limited),
 Near Village Semaradih & Bharuwadhih,
 Tehsil - Balodabazar,
District- Balodabazar-Bhatapara (C.G.)

Sub: - Renewal of the consent of the Board under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981.

Ref: - 1. Consent of the Board issued under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 vide letter no. 5023/TS/CECB/2017 Raipur, dated: 13/12/2017 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 vide letter no. 5025/TS/CECB/2017 Raipur, dated: 13/12/2017.
 2. Your online application dated: 15/10/2018 and subsequent correspondence ending dated: 28/12/2018 (online application no. 1652581)

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With reference to your above application, consents under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 are hereby renewed up to 12/12/2019 effective from the date of issue of this letter, subject to the fulfillment of the terms and conditions incorporated in the water consent letter no. 5023/TS/CECB/2017 Raipur, dated: 13/12/2017 and air consent letter no. 5025/TS/CECB/2017 Raipur, dated: 13/12/2017 issued by the Board and additional conditions mentioned below.

These renewal of consents are valid for product and production capacity of: -

Name	Production Capacity
Lime Stone Mine	8.6 Million Tonnes Per Annum (Eight Point Six Million Tonnes Per Annum)

Additional Conditions

A. Water consent as per the Water (Prevention and Control of Pollution) Act, 1974

1. Mine management shall operate and maintain the effluent treatment system effectively and regularly. Mine management shall ensure treated effluent quality within the standards prescribed by Board published in

Gazette Notification dated 25.03.88 all the time. Mine management shall not discharge any treated / untreated effluent into the river or any surface water bodies. No effluent shall be discharged outside of the mine lease premises in any circumstances; hence, zero discharge condition shall be maintained at all the time.

2. Mine management shall provide adequate arrangement for proper, safe and scientific collection, storage, handling, transportation and disposal of all solid wastes generated.
3. Good housekeeping practices shall be adopted within mine lease.
4. Mine management shall use fly ash brick, fly ash block and fly ash based products in the construction/repairing activities.
5. Mine management shall submit monitoring report of treated / untreated effluent regularly.
6. Plantation shall be raised in a 7.5m wide green belt in the safety zone around the mining lease, backfilled and reclaimed area, around water body, along the roads etc. by planting the native species in consultation with the local DFO/Agriculture Department and as per CPCB Guidelines. The density of the trees should be around 2500 plants per ha. Green belt shall be completed within first five years. Mine management shall abide by the decisions taken by Ministry of Environment, Forest and Climate Change, Government of India / Central Pollution Control Board / State Government / Chhattisgarh Environment Conservation Board from time to time in this regard.
7. Mine management shall submit Environment Statement to this Board as per provision of Environment (Protection) Amendment Rule, 1993 for the previous year ending 31st March on or before 30th September every year.
8. This renewal of consent is being issued under the "Scheme of Auto-Renewal of Consent" of the Board issued vide office order no. 5937 dated 29/01/2018 as per self certificate submitted by authorized signatory Mr. R.K. Vijay, AVP (Operation) of M/s Shree Raipur Cement Plant, Near Village Semaradih & Bharuwadhih, Tehsil - Balodabazar, District- Balodabazar-Bhatapara (C.G.).
9. Chhattisgarh Environment Conservation Board reserves the rights to revoke the consent / renewal of consent at any time for any violation/non-compliance.

B. Air (Prevention and Control of Pollution) Act, 1981

1. Mine management shall operate and maintain the air pollution control system effectively and regularly. Mine management shall ensure emission of particulate matter from any point source less than 50 mg/Nm³ all the time. Effective steps shall be taken to control fugitive dust emission. Dust suppression system (water sprinkling arrangement) shall be made more effective to ensure ambient air quality within prescribed limit. Mine management shall maintain ambient air quality within prescribed limit in and around the mine area all the time. Chhattisgarh Environment Conservation Board may further stipulate stringent particulate matter emission limit depending upon environmental conditions.

2. Mine management shall submit ambient air quality monitoring and stack (if any) emission monitoring reports to the Board regularly.
3. Good housekeeping practices shall be adopted within mine lease.
4. Mine management shall use fly ash brick, fly ash block and fly ash based products in the construction/repairing activities.
5. Plantation shall be raised in a 7.5m wide green belt in the safety zone around the mining lease, backfilled and reclaimed area, around water body, along the roads etc. by planting the native species in consultation with the local DFO/Agriculture Department and as per CPCB Guidelines. The density of the trees should be around 2500 plants per ha. Green belt shall be completed within first five years. Mine management shall abide by the decisions taken by Ministry of Environment, Forest and Climate Change, Government of India / Central Pollution Control Board / State Government / Chhattisgarh Environment Conservation Board from time to time in this regard.
6. Mine management shall submit Environment Statement to this Board as per provision of Environment (Protection) Amendment Rule, 1993 for the previous year ending 31st March on or before 30th September every year.
7. This renewal of consent is being issued under the "Scheme of Auto-Renewal of Consent" of the Board issued vide office order no. 5937 dated 29/01/2018 as per self certificate submitted by authorized signatory Mr. R.K. Vijay, AVP (Operation) of M/s Shree Raipur Cement Plant, Near Village Semaradih & Bharuwadhih, Tehsil - Balodabazar, District- Balodabazar-Bhatapara (C.G.).
8. Chhattisgarh Environment Conservation Board reserves the rights to revoke the consent / renewal of consent at any time for any violation/non-compliance.

Member Secretary

Chhattisgarh Environment Conservation Board
Atal Nagar, District - Raipur (C.G.)

Atal Nagar, Dated: 08/02/2019.

Endt. No. **7563/TS/CECB/ 2019**
Copy to: -

Regional Officer, Regional Office, Chhattisgarh Environment Conservation Board, Raipur (C.G.). Please ensure compliance and report, if any condition/conditions are violated by the industry.

Sd/-

Member Secretary

Chhattisgarh Environment Conservation Board
Atal Nagar, District - Raipur (C.G.)

Digitally Signed by: M. R. P
Tiwari MS

Date: 2019.02.16 15:03:26 IST

Signature valid

Annexure - 2

Shree Raipur Cement Plant
(A Unit of Shree Cement Ltd)

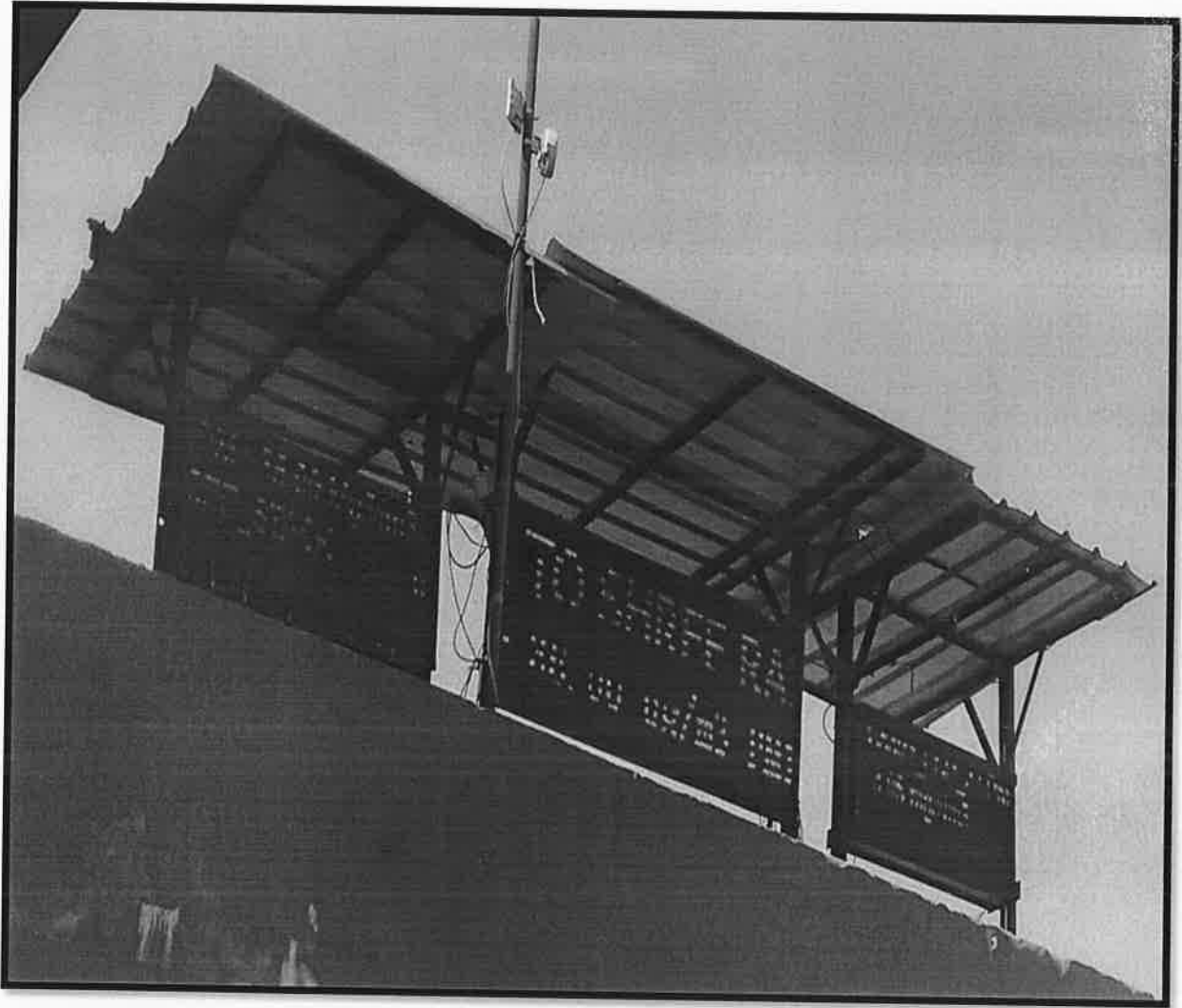
AMBIENT AIR QUALITY MONITORING STATION DATA

Location	Parameters	Unit	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19
AAQMS 1 (Mines boundary towards village Bharuwadih)	PM 10	$\mu\text{g}/\text{m}^3$	70.15	54.64	51.11	45.6	58.25	61.22
	PM 2.5		21.51	22.72	25.01	24.48	32.32	38.33
	SO ₂		3.22	3.83	3.19	5.13	4.65	4.53
	NO ₂		2.15	3.06	4.85	3.08	2.79	2.72
AAQMS 2 (Mines boundary towards village Semradih)	PM 10		44.24	47.54	55.09	48.57	65.54	65.27
	PM 2.5		21.59	22.69	28.46	22.66	30.28	33.76
	SO ₂		4.84	5.05	6.84	9.97	8.05	8.47
	NO ₂		3.02	3.54	9.77	7.54	6.9	4.24
AAQMS 3 (Plant Boundary towards South Direction)	PM 10		46.61	50.58	56.63	45.31	68.55	79.65
	PM 2.5		22.29	28.08	30.5	22.87	55.22	32.76
	SO ₂		9.03	7.1	4.97	14.34	9.4	10.28
	NO ₂		4.34	4.43	8.79	6.44	7.52	8.22
AAQMS 4 (Plant Boundary towards village Khapradih)	PM 10		54.86	49.12	59.28	46.85	62.9	67.52
	PM 2.5		24.79	26.27	31.97	24.08	30.21	30.49
	SO ₂		5.62	8.02	8.02	8.84	7.51	18.32
	NO ₂		8.01	8.08	11.65	5.68	5.59	5.5

Shree

Display Board Photo

Annexure-3



Abinav



Certificate No.: TC 7571

EARTHCARE LABS PRIVATE LIMITED

(Laboratory Division)

Environmental Laboratory & EIA Consultant Organization

(NABL QCI Accredited, MoEF Recognized, NABET QCI Accredited, ISO 9001, ISO 14001 & OHSAS 18001)

C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar, Near Ajni Square, Nagpur - 440 015, Tel & Fax: (0712) 2251470, Cell: 9766616862
Email: earthcare2000@gmail.com, **Website:** www.earthcarenagpur.com

Test Report
Water Quality

Report No. : ELPL/QD4/TRD/5.10/W/Jan-19/22	Report Date : 25-01-2019
Name & Address of the Customer : M/s. SHREE RAIPUR CEMENT PLANT, (A Unit of M/s Shree Cement Ltd) Village- Khapradih, Dist. - Baloda Bazar - Bhatapara , Raipur (Chhattisgarh).	
Ref. No.: Your Work Order No. SCL/SRCP/BB/18-19/409 dtd. 03-11-2018	
Sample Description : Ground Water (Drinking)	Sampling Location : Near Dowaldar Gilohare House Bharuwadih
Sampling Ref Method : IS 3025 (Part 1): 1987 RA 2009	Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/Jan-19/96/28/W-22	Sampled By: ELPL Representative
Sampling Date : 15-01-19	
Sample Receipt Date : 15-01-19	
Period of Analysis: From 16-01-19 to 25-01-19	

Results of Analysis

Sr. No.	Parameters	Unit	Norms*	Result	Method of Analysis
1.	Colour*	Hazen Units	5/15	1.0	IS 3025 (Part 4): 1983 RA 2017 (Clause 2.0)
2.	Odour*	-	Agreeable	Agreeable	IS 3025 (Part 6): 1983 RA 2017
3.	pH value*	-	6.5 to 8.5	7.86	IS 3025 (Part 11): 1983 RA 2017 (Clause 2.0)
4.	Taste	-	Agreeable	Agreeable	IS 3025 (Part 8): 1984 RA 2017
5.	Turbidity*	NTU	1/5	<0.1	IS 3025 (Part 10): 1984 RA 2017
6.	Total Dissolved Solids*	mg/l	500/2000	411.0	IS 3025 (Part 16): 1984 RA 2017
7.	Aluminium (as Al)	mg/l	0.03/0.2	0.015	IS 3025 (Part 2): 2004 RA 2014
8.	Total Ammonical Nitrogen (as N)*	mg/l	0.5	0.14	IS 3025 (Part 34): 1988 RA 2014 (Clause 2.3)
9.	Anionic Detergent (as MBAS)	mg/l	0.2/1.0	<0.1	IS 13428 (Annex K) : 2005 RA 2014
10.	Barium (as Ba)	mg/l	0.7	<0.04	IS 3025 (Part 2): 2004 RA 2014
11.	Boron (as B)	mg/l	0.5/1.0	<0.06	IS 3025 (Part 2): 2004 RA 2014
12.	Calcium (as Ca)*	mg/l	75/200	81.6	IS 3025 (Part 40): 1991 RA 2014 (Clause 5.0)
13.	Chloramines (as Cl ₂)	mg/l	4.0	<0.1	IS 3025 (Part 26) 1986 RA 2014
14.	Chloride (as Cl)*	mg/l	250/1000	25.4	IS 3025 (Part 32): 1988 RA 2014 (Clause 2.0)
15.	Copper (as Cu)	mg/l	0.05/1.5	<0.01	IS 3025 (Part 2): 2004 RA 2014
16.	Fluoride (as F), mg/l*	mg/l	1.0/1.5	<0.2	IS 3025 (Part 60): 2008 RA 2013 (Clause 6.0)



Certificate No.: TC-7572


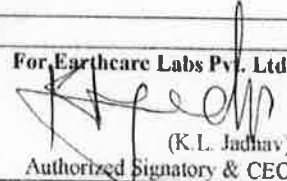
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(Laboratory Division)

Environmental Laboratory & EIA Consultant Organization

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C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar, Near Ajni Square, Nagpur - 440 015, Tel & Fax: (0712) 2251470, Cell: 9766616862
Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/W/Jan-19/22				Report Date : 25-01-2019	
Sr. No.	Parameters	Unit	Norms*	Result	Method of Analysis
17.	Free Residual Chlorine, mg/l (Min)	mg/l	0.2/1.0	<0.1	IS 3025 (Part 26) 1986 RA 2014
18.	Iron (as Fe) mg/l*	mg/l	1.0	0.3	IS 3025 (Part 2): 2004 RA 2014
19.	Magnesium (as Mg) mg/l*	mg/l	30/100	16.5	IS 3025 (Part 46): 1994 RA 2014 (Clause 6.0)
20.	Manganese (as Mn), mg/l	mg/l	0.1/0.13	<0.02	IS 3025 (Part 2): 2004 RA 2014
21.	Nitrate (as NO ₃) mg/l*	mg/l	45	2.26	APHA -23 rd Ed. -4500 (NO ₃) (B)
22.	Mineral Oil, mg/l	mg/l	0.5	<0.2	IS 3025 (Part 39): 1991 RA 2014
23.	Phenolic Compounds (as C ₆ H ₅ OH), mg/l	mg/l	0.001/0.002	<0.001	IS 3025 (Part 43): 1992 RA 2014
24.	Selenium (as Se), mg/l	mg/l	0.01	<0.01	IS 3025 (Part 2): 2004 RA 2014
25.	Silver (as Ag), mg/l	mg/l	0.1	<0.06	IS 3025 (Part 2): 2004 RA 2014
26.	Sulphate (as SO ₄), mg/l*	mg/l	200/400	11.2	APHA 23 rd Ed - 4500 SO ₄ ²⁻ (E)
27.	Sulphide (as H ₂ S), mg/l	mg/l	0.05	<0.04	IS 3025 (Part 29): 2003 RA 2014
28.	Total Alkalinity (as CaCO ₃) mg/l*	mg/l	200/600	170.0	IS 3025 (Part 23): 1986 RA 2014
29.	Total Hardness (as CaCO ₃) mg/l*	mg/l	200/600	272.0	IS 3025 (Part 21): 2009 RA 2014 (Clause 5.0)
30.	Zinc (as Zn), mg/l	mg/l	5/15	<0.04	IS 3025 (Part 2): 2004 RA 2014
31.	Cadmium (as Cd), mg/l	mg/l	0.003	<0.003	IS 3025 (Part 2): 2004 RA 2014
32.	Lead (as Pb), mg/l	mg/l	0.01	<0.01	IS 3025 (Part 2): 2004 RA 2014
33.	Mercury (as Hg), mg/l	mg/l	0.001	<0.001	IS 3025 (Part 2): 2004 RA 2014
34.	Molybdenum (as Mo)	mg/l	0.07	<0.04	IS 3025 (Part 2): 2004 RA 2014
35.	Nickel (as Ni), mg/l	mg/l	0.02	<0.02	IS 3025 (Part 2): 2004 RA 2014
36.	Total Arsenic (as As), mg/l	mg/l	0.01	<0.01	IS 3025 (Part 2): 2004 RA 2014
37.	Total Chromium (as Cr), mg/l	mg/l	0.05	<0.01	IS 3025 (Part 2): 2004 RA 2014
Remarks : 1. * indicates IS 10500 : 2012 RA 2012 Drinking Water - Specification as Requirement (Acceptable Limit) / Permissible Limit in the Absence of Alternate Sources meeting Acceptable Limit					
2. Water is meeting the drinking water norms for above parameters					
Remarks : Water is meeting the norms for above parameters					
					
				For Earthcare Labs Pvt. Ltd.  (K.L. Jadhav) Authorized Signatory & CEO	

Abhinav



Certificate No.: TC 7572

EARTHCARE LABS PRIVATE LIMITED

(Laboratory Division)

Environmental Laboratory & EIA Consultant Organization

(NABL QCI Accredited, MoEF Recognized, NABET QCI Accredited, ISO 9001, ISO 14001 & OHSAS 18001)

C-11, Amar Enclave Commercial Wing, Jog Layout, Prashant Nagar, Near Ajni Square, Nagpur - 440 015, Tel & Fax: (0712) 2251470, Cell: 9766616862
Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Test Report Water Quality

Report No. : ELPL/QD4/TRD/5.10/W/Jan-19/25	Report Date : 25-01-2019
Name & Address of the Customer : M/s. SHREE RAIPUR CEMENT PLANT, (A Unit of M/s Shree Cement Ltd) Village- Khapradih, Dist. - Baloda Bazar - Bhatapara, Raipur (Chhattisgarh).	
Ref. No.: Your Work Order No. SCL/SRCP/BB/18-19/409 dtd. 03-11-2018	
Sample Description : Ground Water	Sampling Location : Near G.P. School Borewell Water Semradih
Sampling Ref Method : IS 3025 (Part 1): 1987 RA 2009	Environment Condition: Sunny (during sampling)
Sample Inward No. : ELPL/Jan-19/96/28/W-25	Sampled By: ELPL Representative
Sampling Date : 15-01-19	
Sample Receipt Date : 15-01-19	
Period of Analysis: From 16-01-19 to 25-01-19	

Results of Analysis

Sr. No.	Parameters	Unit	Norms*	Result	Method of Analysis
1.	Colour*	Hazen Units	5/15	1.0	IS 3025 (Part 4):1983 RA 2017 (Clause 2.0).
2.	Odour*	-	Agreeable	Agreeable	IS 3025 (Part 6): 1983 RA 2017
3.	pH value*	-	6.5 to 8.5	7.90	IS 3025 (Part 11): 1983 RA 2017 (Clause 2.0)
4.	Taste	-	Agreeable	Agreeable	IS 3025 (Part 8): 1984 RA 2017
5.	Turbidity*	NTU	1/5	0.27	IS 3025 (Part 10): 1984 RA 2017
6.	Total Dissolved Solids*	mg/l	500/2000	643.0	IS 3025 (Part 16): 1984 RA 2017
7.	Aluminium (as Al)	mg/l	0.03/0.2	0.026	IS 3025 (Part 2): 2004 RA 2014
8.	Total Ammonical Nitrogen (as N)*	mg/l	0.5	0.28	IS 3025 (Part 34): 1988 RA 2014 (Clause 2.3)
9.	Anionic Detergent (as MBAS)	mg/l	0.2/1.0	<0.1	IS 13428 (Annex K): 2005 RA 2014
10.	Barium (as Ba)	mg/l	0.7	0.05	IS 3025 (Part 2): 2004 RA 2014
11.	Boron (as B)	mg/l	0.5/1.0	0.07	IS 3025 (Part 2): 2004 RA 2014
12.	Calcium (as Ca)*	mg/l	75/200	118.4	IS 3025 (Part 40): 1991 RA 2014 (Clause 5.0)
13.	Chloramines (as Cl ₂)	mg/l	4.0	<0.1	IS 3025 (Part 26) 1986 RA 2014
14.	Chloride (as Cl)*	mg/l	250/1000	112.4	IS 3025 (Part 32): 1988 RA 2014 (Clause 2.0)
15.	Copper (as Cu)	mg/l	0.05/1.5	<0.01	IS 3025 (Part 2): 2004 RA 2014
16.	Fluoride (as F), mg/l*	mg/l	1.0/1.5	0.45	IS 3025 (Part 60): 2008 RA 2013 (Clause 6.0)



Certificate No.: TC-7572


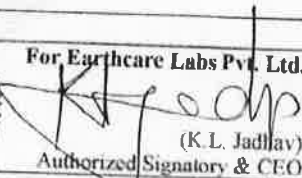
EARTHCARE LABS PRIVATE LIMITED

(Laboratory Division)

Environmental Laboratory & EIA Consultant Organization

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Email: earthcare2000@gmail.com, Website: www.earthcarenagpur.com

Report No. : ELPL/QD4/TRD/5.10/W/Jan-19/25				Report Date : 25-01-2019	
Sr. No.	Parameters	Unit	Norms*	Result	Method of Analysis
17.	Free Residual Chlorine, mg/l (Min)	mg/l	0.2/1.0	<0.1	IS 3025 (Part 26) 1986 RA 2014
18.	Iron (as Fe) mg/l*	mg/l	1.0	0.026	IS 3025 (Part 2): 2004 RA 2014
19.	Magnesium (as Mg) mg/l*	mg/l	30/100	11.7	IS 3025 (Part 46): 1994 RA 2014 (Clause 6.0)
20.	Manganese (as Mn), mg/l	mg/l	0.1/0.13	<0.02	IS 3025 (Part 2): 2004 RA 2014
21.	Nitrate (as NO ₃) mg/l*	mg/l	45	4.76	APHA -23 rd Ed. -4500 (NO ₃) (B)
22.	Mineral Oil, mg/l	mg/l	0.5	<0.2	IS 3025 (Part 39): 1991 RA 2014
23.	Phenolic Compounds (as C ₆ H ₅ OH), mg/l	mg/l	0.001/0.002	<0.001	IS 3025 (Part 43): 1992 RA 2014
24.	Selenium (as Se), mg/l	mg/l	0.01	<0.01	IS 3025 (Part 2): 2004 RA 2014
25.	Silver (as Ag), mg/l	mg/l	0.1	<0.06	IS 3025 (Part 2): 2004 RA 2014
26.	Sulphate (as SO ₄), mg/l*	mg/l	200/400	43.2	APHA 23 rd Ed - 4500 SO ₄ ²⁻ (E)
27.	Sulphide (as H ₂ S), mg/l	mg/l	0.05	<0.04	IS 3025 (Part 29): 2003 RA 2014
28.	Total Alkalinity (as CaCO ₃) mg/l*	mg/l	200/600	190.0	IS 3025 (Part 23): 1986 RA 2014
29.	Total Hardness (as CaCO ₃) mg/l*	mg/l	200/600	344.0	IS 3025 (Part 21): 2009 RA 2014 (Clause 5.0)
30.	Zinc (as Zn), mg/l	mg/l	5/15	<0.04	IS 3025 (Part 2): 2004 RA 2014
31.	Cadmium (as Cd), mg/l	mg/l	0.003	<0.003	IS 3025 (Part 2): 2004 RA 2014
32.	Lead (as Pb), mg/l	mg/l	0.01	<0.01	IS 3025 (Part 2): 2004 RA 2014
33.	Mercury (as Hg), mg/l	mg/l	0.001	<0.001	IS 3025 (Part 2): 2004 RA 2014
34.	Molybdenum (as Mo)	mg/l	0.07	<0.04	IS 3025 (Part 2): 2004 RA 2014
35.	Nickel (as Ni), mg/l	mg/l	0.02	<0.02	IS 3025 (Part 2): 2004 RA 2014
36.	Total Arsenic (as As), mg/l	mg/l	0.01	<0.01	IS 3025 (Part 2): 2004 RA 2014
37.	Total Chromium (as Cr), mg/l	mg/l	0.05	<0.01	IS 3025 (Part 2): 2004 RA 2014
Remarks : 1. * indicates IS 10500 : 2012 RA 2012 Drinking Water - Specification as Requirement (Acceptable Limit) / Permissible Limit in the Absence of Alternate Sources meeting Acceptable Limit					
2. Water is meeting the drinking water norms for above parameters					
Remarks : Water is meeting the norms for above parameters					
				 For Earthcare Labs Pvt. Ltd.  (K.L. Jadhav) Authorized Signatory & CEO	

Abhinav

Photographs of Mines Plantation.



Abhinav



1
Alum

Year-2018-19 (Oct-18 to March 19)

Spirometry

Name of Dept.	Total Employees	New Joining	FVC (litres)	FEV 1	FEV 1/ FVC %	PEFR	Conclu sion	Chest X- Ray
						(litres/sec)		
Civil	13	NIL	WNL	WNL	WNL	WNL	WNL	WNL
Commercial	1	NIL	WNL	WNL	WNL	WNL	WNL	WNL
Process	43	1	WNL	WNL	WNL	WNL	WNL	WNL
Drawing & Design	4	NIL	WNL	WNL	WNL	WNL	WNL	WNL
Electrical	42	2	WNL	WNL	WNL	WNL	WNL	WNL
Techno-commercial	177	9	WNL	WNL	WNL	WNL	WNL	WNL
Lab and QC	17	NIL	WNL	WNL	WNL	WNL	WNL	WNL
Medical	7	NIL	WNL	WNL	WNL	WNL	WNL	WNL
Instrumentation	30	NIL	WNL	WNL	WNL	WNL	WNL	WNL
Mines	205	5	WNL	WNL	WNL	WNL	WNL	WNL
Mechanical	69	NIL	WNL	WNL	WNL	WNL	WNL	WNL
P & A	18	NIL	WNL	WNL	WNL	WNL	WNL	WNL
Total No. of employees	626	17	Normal	Normal	Normal	Normal	100 % Normal	100 % Normal

Note :- Total man power is 664 Up to (Oct-18 to March 19) Health Checkup being done as per Schedule.



Year-2018-19 (Oct-18 to March 19)

Audiometry

Name of Dept.	Total Employees	New Joining	Right Ear	Left Ear
Civil	13	NIL	WNL	WNL
Commercial	1	NIL	WNL	WNL
Process	43	1	WNL	WNL
Drawing & Design	4	NIL	WNL	WNL
Electrical	42	2	WNL	WNL
Techno-commercial	177	9	WNL	WNL
Lab and QC	17	NIL	WNL	WNL
Medical	7	NIL	WNL	WNL
Instrumentation	30	NIL	WNL	WNL
Mines	205	5	WNL	WNL
Mechanical	69	NIL	WNL	WNL
P & A	18	NIL	WNL	WNL
Total No. of employees	626	17	Normal	Normal

Note :- Total man power is 664 Up to(Oct-18 to March 19) Health Checkup being done as per Schedule.

Abhinav

Year-2018-19 (Oct-18 to March 19)							
Biochemical parameter (Urine)							
Name of Dept.	Total Employees	New Joining	Sp. gravity	pH	RBC	Protein	Sugur
Civil	13	NIL	WNL	WNL	Nil	Nil	Nil
Commercial	1	NIL	WNL	WNL	Nil	Nil	Nil
Process	43	1	WNL	WNL	Nil	Nil	Nil
Drawing & Design	4	NIL	WNL	WNL	Nil	Nil	Nil
Electrical	42	2	WNL	WNL	Nil	Nil	Nil
Techno-commercial	177	9	WNL	WNL	Nil	Nil	Nil
Lab and QC	17	NIL	WNL	WNL	Nil	Nil	Nil
Medical	7	NIL	WNL	WNL	Nil	Nil	Nil
Instrumentation	30	NIL	WNL	WNL	Nil	Nil	Nil
Mines	205	5	WNL	WNL	Nil	Nil	Nil
Mechanical	69	NIL	WNL	WNL	Nil	Nil	Nil
P & A	18	NIL	WNL	WNL	Nil	Nil	Nil
Total No. of employees	626	17	Normal	Normal	Normal	Normal	Normal

Note :- Total man power is 664 Up to(Oct-18 to March 19) Health Checkup being done as per Schedule.

Year-2018-19 (Oct-18 to March 19)							
Biochemical parameter (Blood)							
Name of Dept.	Total Employees	New Joining	CBC	Lipid Profile	Renel Profile	Liver Function Test	Blood Sugar
Civil	13	NIL	WNL	WNL	WNL	WNL	WNL
Commercial	1	NIL	WNL	WNL	WNL	WNL	WNL
Process	43	1	WNL	WNL	WNL	WNL	WNL
Drawing & Design	4	NIL	WNL	WNL	WNL	WNL	WNL
Electrical	42	2	WNL	WNL	WNL	WNL	WNL
Techno-commercial	177	9	WNL	WNL	WNL	WNL	WNL
Lab and QC	17	NIL	WNL	WNL	WNL	WNL	WNL
Medical	7	NIL	WNL	WNL	WNL	WNL	WNL
Instrumentation	30	NIL	WNL	WNL	WNL	WNL	WNL
Mines	205	5	WNL	WNL	WNL	WNL	WNL
Mechanical	69	NIL	WNL	WNL	WNL	WNL	WNL
P & A	18	NIL	WNL	WNL	WNL	WNL	WNL
Total No. of employees	626	17	Normal	Normal	Normal	Normal	Normal

Note :- Total man power is 664 Up to(Oct-18 to March 19) Health Checkup being done as per Schedule.

Year-2018-19 (Oct-18 to March 19)

Circulatory system Vision

Name of Dept.	Total Employees	New Joining	Pulse	ECG	BP	Right Eye	Left Eye	Color Blindness	Squint
Civil	13	NIL	Normal	WNL	Normal	Normal	Normal	Nil	Normal
Commercial	1	NIL	Normal	WNL	Normal	Normal	Normal	Nil	Normal
Process	43	1	Normal	WNL	Normal	Normal	Normal	Nil	Normal
Drawing & Design	4	NIL	Normal	WNL	Normal	Normal	Normal	Nil	Normal
Electrical	42	2	Normal	WNL	Normal	Normal	Normal	Nil	Normal
Techno-commercial	177	9	Normal	WNL	Normal	Normal	Normal	Nil	Normal
Lab and QC	17	NIL	Normal	WNL	Normal	Normal	Normal	Nil	Normal
Medical	7	NIL	Normal	WNL	Normal	Normal	Normal	Nil	Normal
Instrumentation	30	NIL	Normal	WNL	Normal	Normal	Normal	Nil	Normal
Mines	205	5	Normal	WNL	Normal	Normal	Normal	Nil	Normal
Mechanical	69	NIL	Normal	WNL	Normal	Normal	Normal	Nil	Normal
P & A	18	NIL	Normal	WNL	Normal	Normal	Normal	Nil	Normal
Total No. of employees	626	17	Normal	WNL	Normal	Normal	Normal	Nil	Normal

Note :- Total man power is 664 Up to(Oct-18 to March 19) Health Checkup being done as per Schedule.



Occupational Health Centre



Shree Raipur Cement Plant
Khapradih, Baloda bazar

Ref. No
Patient Name
C/o
Ref. By Dr.

MR.ADITYA KUMAR
DR.SANTOSH KUMAR

Date
A/S/R
Dept/E.Code

05-02-2019

MINES

BIO-CHEMISTRY & HEAMATOLOGY

Test	Result	Normal Ref Range
LIPID PROFILE		
TOTAL CHOLESTEROL	133	140-250 mg/dl
S. TRIGLYCERIDE	85	25-160 mg/dl
HDL	40	42-79.5 mg/dl
LDL	76	50-150 mg/dl
VLDL	17	10-30 mg/dl
LIVER FUNCTION TEST		
S. BILIRUBIN		
TOTAL		0.1-1.0 mg/dl
DIRECT		0.1-0.2 mg/dl
INDIRECT		0.1-0.4 mg/dl
SGOT	24	5-34 IU/L
SGPT	18	5-40 IU/L
ALK.PHOSPHATASE	47	15-112 IU/L
RENAL FUNCTION TEST		
B.UREA	20	13-45 mg/dl
S.CREATININE	0.8	0.4-1.4 mg/dl
BLOOD SUGAR		
FASTING	74	60-110 mg/dl
P P		110-140 mg/dl
RANDOM		60-140 mg/dl
S. URIC ACID		3.4-7.0 mg/dl
BLOOD GROUPING & Rh TYPING		
	"B"+VE	
CBC		
HB %	16.0	10-17 gm%
PLATELET COUNT	2,64,000	1,50,000-4,00,000 /cumm
MCV		86-111 /cu
MCH		29-35 micro/g
MCHC		31-37 %
RDW-CV		11-16 %
TLC (TOTAL WBC COUNT)	6,900	4000-12000/cumm
POLYMORPHS	41	40-80 %
LYMHOCYTES	45	20-50 %
MONOCYTES	04	1-8 %
EOSONOPHIL	10	1-8 %
BASOPHILS	0	0-1 %
URINE RM		
Urine -Glucose	NIL	Colour
Urine -Albumin	NIL	Apperance
Pus cells	0-1/HPF	Specific Gravity
Red Blood Cells	NIL	Reaction(pH)
Epithelial Cells	0-1/HPF	Crystals
Casts	NIL	

(Signature)

Tech. Signature

Signature of SANTOSH
Doctor KUMAR

Digitally signed by
SANTOSH KUMAR
Date: 2019.02.07
09:36:58 +05'30'

SHREE CEMENT LIMITED			
DEPARTMENT DOCUMENT CONTROL REGISTER			
Dept : P & A		Section : Medical	Sub section :
Doc. No. IMS/29/22/FEO/02		Page 1 of 3	
Edition No. 01	Issue No. 01	Effective Date : 01.08.2003	Amendment Code (for office Use only) :

Name of Employee : AADITYA KUMAR

Form B Sr. No. :

Employed at: SRCP Mines

FORM O

(See rules 29-F (2) and 29 – L)

Report of Medical Examination Under rule 29 – B

(To be issued in Triplicate)**

Certificate No. :

Certified that Shri AADITYA KUMAR employed in SRCP Mine Form B Sr. No. 105 has been examined for an initial / periodical medical examination.

He / She appears to be 19 years of age. The finding of the examining authority are given in the attched sheet. It is considered that Shri AADITYA KUMAR S/O Sh. SANTOSH KUMAR.

(a) Is medically fit any employment in mines: | **FIT FOR JOB**

(b) Is suffering from -- and is medically unfit for

1. Any employment in mine: or --
2. Any employment below ground: or --
3. Any employment of work: --

(c) Is suffering from -- and should be get this disability cured / controlled and should be again examined within a period of -- months. He / She will appear for re-examination with the result of test of -- and the opinion of -- specialist from -- He / She may be to carry on his duties during this period.



Signature of Examining authority

Place : Raipur

DOCTOR SANTOSH KUMAR

Date : 07-Feb-2019

Name and Designation (Block Letters)

*. Delete whatever not applicable.

**. One copy of the certificate shall be handed over to the person concerned and another copy shall be sent to the manager of the mine concerned by registered post; and the third copy shall be retained by the examining authority.

Report of the Examining Authority

(To be filled in for every medical examination whether initial or re-examination or after cure / control of disability).

Annexure to Certificate No. _____ as a result of medical examination on Sh.

AADITYA KUMAR

Identification Mark:- _____

Left thumb impression of the candidate

1. **General development :** Average
2. **Height :** 168 Cms.
3. **Weight :** 55 Kgs.
4. **Eyes :**
 - i) Visual acuity – Distant Vision (WITHOUT GLASS)
Right Eye: 6/6
Left Eye: 6/6
 - ii) Any organic disease of eyes: _____
 - iii) Night blindness: Negative
 - iv) Colour blindness: Negative
 - v) Squint: No(* to be tested in special cases)
5. **Ears :**
 - i) Hearing Right Ear: NOR Left Ear : NOR
 - ii) Any organic disease: _____
6. **Respiratory System :**

Chest Measurement

 - i) After full inspiration: 88 cms.
 - ii) After full expiration: 82 cms.
7. **Circulatory System :**
 - i) Blood Pressure: 120/70
 - ii) Pulse : 92
8. **Abdomen: NAD**
 - i) Tenderness: _____
 - ii) Liver: NAD

- iii) Spleen: NAD
iv) Tumour: --
9. **Nervous System :**
i) History of fits or epilepsy: ---
ii) Paralysis: ---
iii) Mental Health: ---
10. Locomotor System: NAD
11. Skin: NAD
12. Hernia: NO
13. Hydrocele: NO
14. Any other abnormality: ---
15. **Urine :**
i) Reaction: ---
ii) Albumin: NIL
iii) Sugar: NIL
16. Skiagram of Chest: ---
17. Any other "C" test considered necessary by examining authority: ---
18. Any opinion of Specialist considered necessary: ---

**SANTOSH
KUMAR**

Digitally signed by
SANTOSH KUMAR
Date: 2019.02.07
14:37:06 +05'30'

Signature of Examining authority

Place : Raipur

DOCTOR SANTOSH KUMAR

Date : 07-Feb-2019

Note: All Test Reports are kept at Mines.

Name and Designation (Block Letters)

SHREE RAIPUR CEMENT PLANT

KHAPARADIH, BALODA BAZAR

Patient: AADITYA KUMAR

Refd. By:

Pred.Eqns: RECORDERS

Date : 04-Feb-2019 12:40 PM

Age : 19 Years

Height : 168 Cms

Weight : 55 Kgs

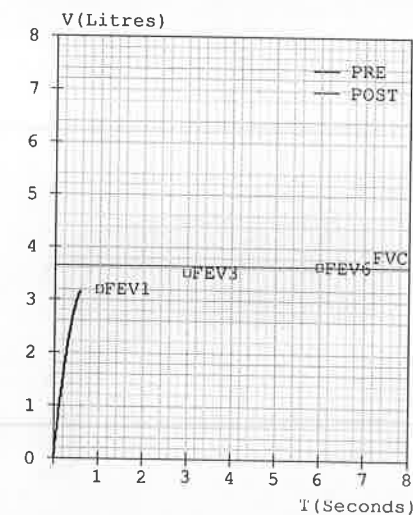
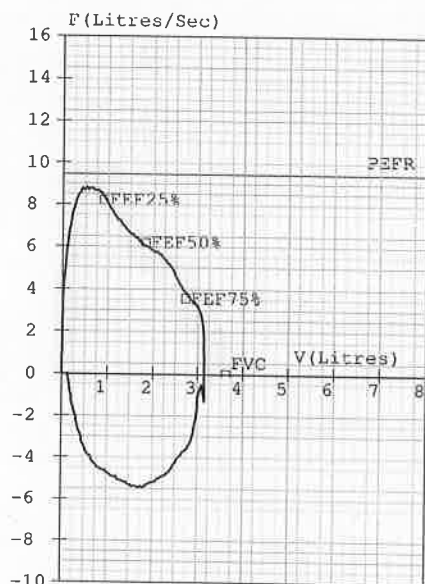
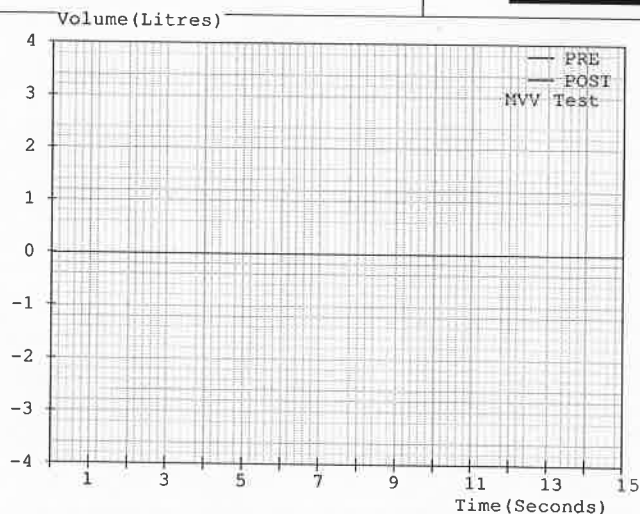
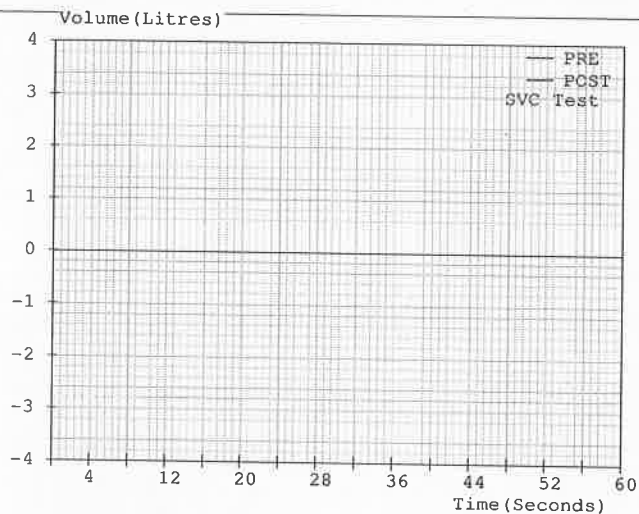
ID: 22618

Gender : Male

Smoker : No

Eth. Corr: 100

Temp :



Spirometry Results

Parameter	Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC (L)	03.64	03.16	087	---	---	---
FEV1 (L)	03.19	03.16	099	---	---	---
FEV1/FVC (%)	87.64	100.00	114	---	---	---
FEF25-75 (L/s)	04.85	06.42	132	---	---	---
PEFR (L/s)	09.44	08.71	092	---	---	---
FIVC (L)	---	03.00	---	---	---	---
FEV.5 (L)	---	03.01	---	---	---	---
FEV3 (L)	03.53	03.16	090	---	---	---
PIFR (L/s)	---	05.41	---	---	---	---
FEF75-85 (L/s)	---	04.31	---	---	---	---
FEF.2-1.2 (L/s)	08.22	08.13	099	---	---	---
FEF 25% (L/s)	08.23	08.57	104	---	---	---
FEF 50% (L/s)	06.20	06.44	104	---	---	---
FEF 75% (L/s)	03.55	05.06	143	---	---	---
FEV.5/FVC (%)	---	95.25	---	---	---	---
FEV3/FVC (%)	96.98	100.00	103	---	---	---
FET (Sec)	---	00.57	---	---	---	---
ExptTime (Sec)	---	00.05	---	---	---	---
Lung Age (Yrs)	019	019	100	---	---	---
FEV6 (L)	03.64	---	---	---	---	---
FIF 25% (L/s)	---	04.03	---	---	---	---
FIF 50% (L/s)	---	05.37	---	---	---	---
FIF 75% (L/s)	---	04.77	---	---	---	---
SVC (L)	---	---	---	---	---	---
ERV (L)	01.62	---	---	---	---	---
IRV (L)	---	---	---	---	---	---
VE (L/min)	---	---	---	---	---	---
Rf (l/min)	---	---	---	---	---	---
Ti (sec)	---	---	---	---	---	---
Te (sec)	---	---	---	---	---	---
VT (L)	---	---	---	---	---	---
VT/Ti	---	---	---	---	---	---
Ti/Ttot	---	---	---	---	---	---
IC (L)	---	---	---	---	---	---
MVV (L/min)	148	---	---	---	---	---
MRf (l/min)	---	---	---	---	---	---
MVT (L)	---	---	---	---	---	---

Pre Medication Report Indicates

Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80.

SANTOSH
KUMAR

Digitally signed by
SANTOSH KUMAR
Date: 2019.02.05 12:56:49
+05'30'

Factory Medical Officer

DOCTOR / AUDIOLOGIST

AUDIOGRAM



Name:

Address:

E.R.C.P.

PATIENT NAME:

ADDRESS:

aditya kumar

SEX:

M

AGE:

19

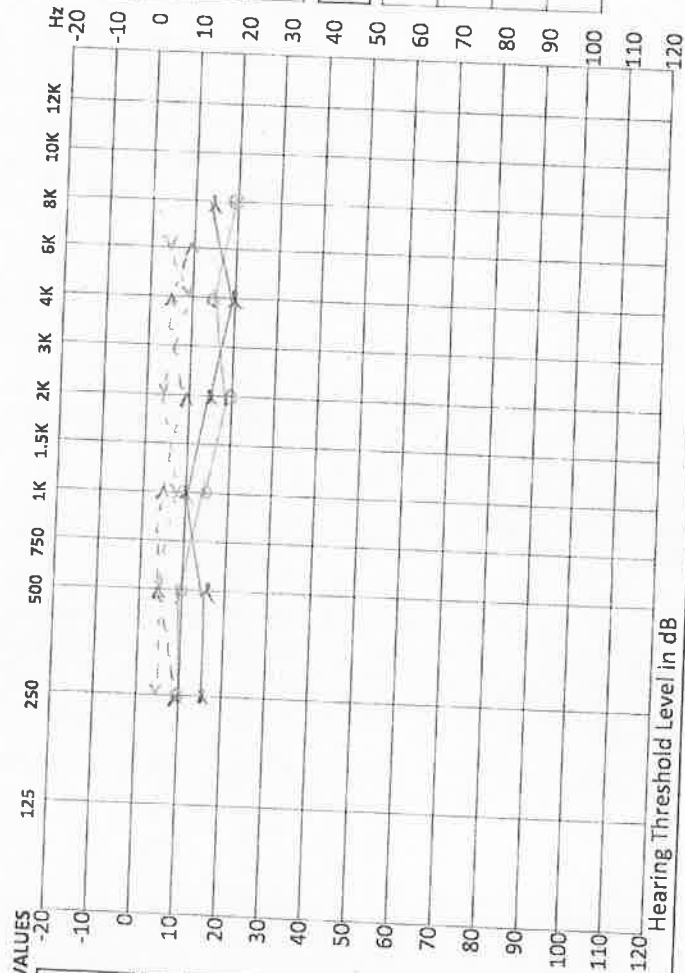
Yrs.

DATE: 4/2/19.

TEST	1964	ISO	Right Ear (Red)	Left Ear (Blue)
AIR			O - O	X - X
AIR OPP EAR MASKED			D - D	□ - □
NO RESPONSE			O	X
BONE			<	>
BONE OPP EAR MASKED			[]

HEARING EVALUATION

AVE P.T.	
SRT	18 dB
PB% CORRECT	13.3 dB
MCL	NO



Hearing Threshold Level in dB

Remarks:

B/c normal hearing sensitivity

FACTORY MEDICAL OFFICER

SHREE RAIPUR CEMENT PLANT

(A UNIT OF SHREE CEMENT LTD)

KHAPRA DIH DIST BALODABAZAR –BHATAPARA (C.G.)

Date :- 04.02.19

Emp. / CLC Code :-

PATIENT NAME :- MR. AADITYA KUMAR

AGE/SEX :- 19 YRS /MALE

X-RAY CHEST PA VIEW

- Both the lung fields are clear
- Trachea central in position
- Both costo-phrenic angles are clear
- The cardiac shadow is within normal limits
- The bony thorax is normal

OPINION:- NORMAL STUDY

Signature:

SANTOSH
KUMAR

Digitally signed by
SANTOSH KUMAR
Date: 2019.02.04
17:11:32 +05'30'

SHREE RAIPUR CEMENT PLANT 12 LEAD ECG REPORT

Aadiya Kumar

Male

19Years

ID:AP-MIN4 D04-02-19

Department:APPENTESH MINESH

Ward No.:

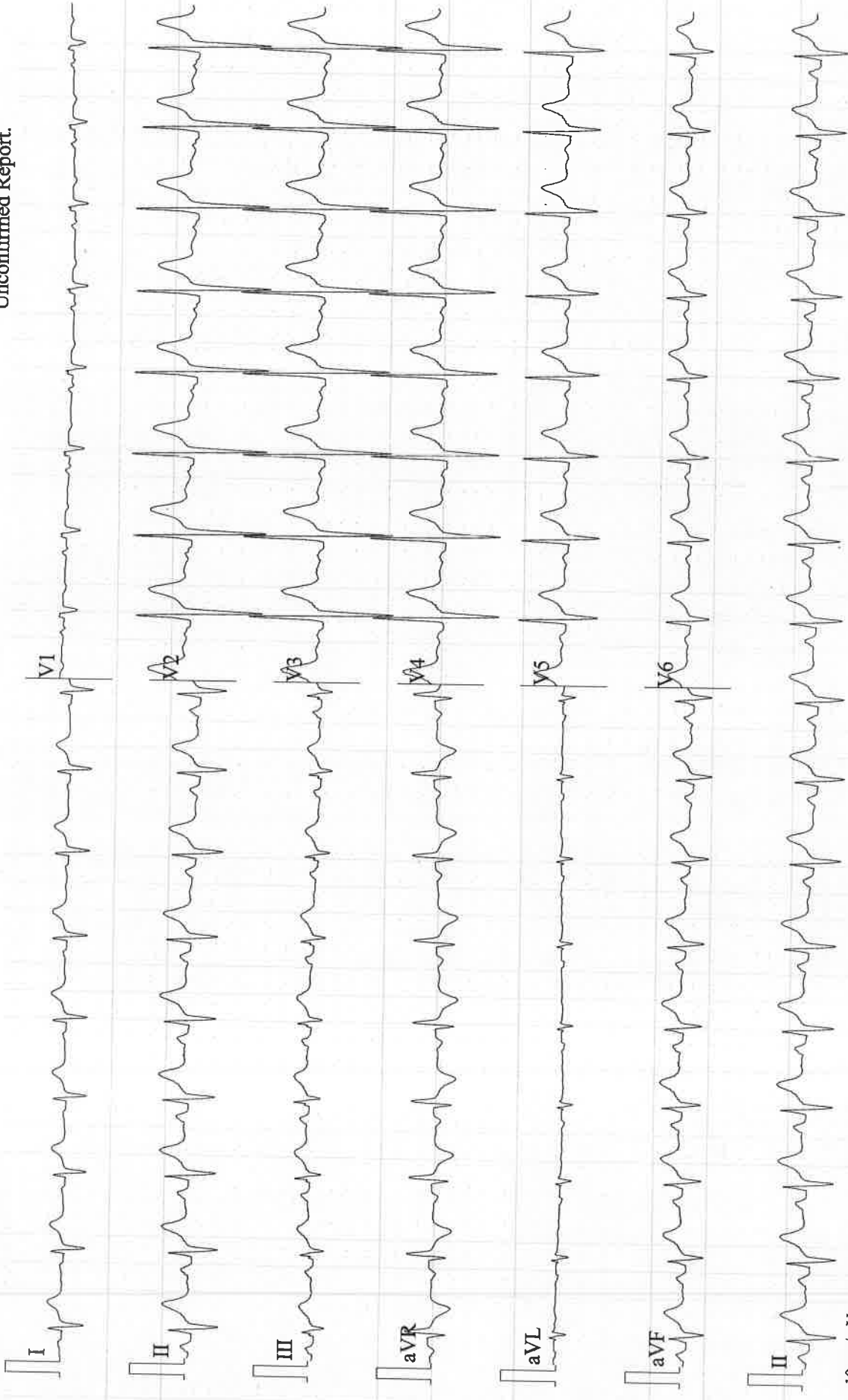
HR : 101 bpm
P : 80 ms
PR : 133 ms
QRS : 87 ms
QT/QTc : 297/386 ms
P/QRS/T : 73/199/63 deg.
RV5/SV1 : 0.824/0.239 mV

Diagnosis Information:

812: Sinus Tachycardia
204: Marked Right Axis Deviation

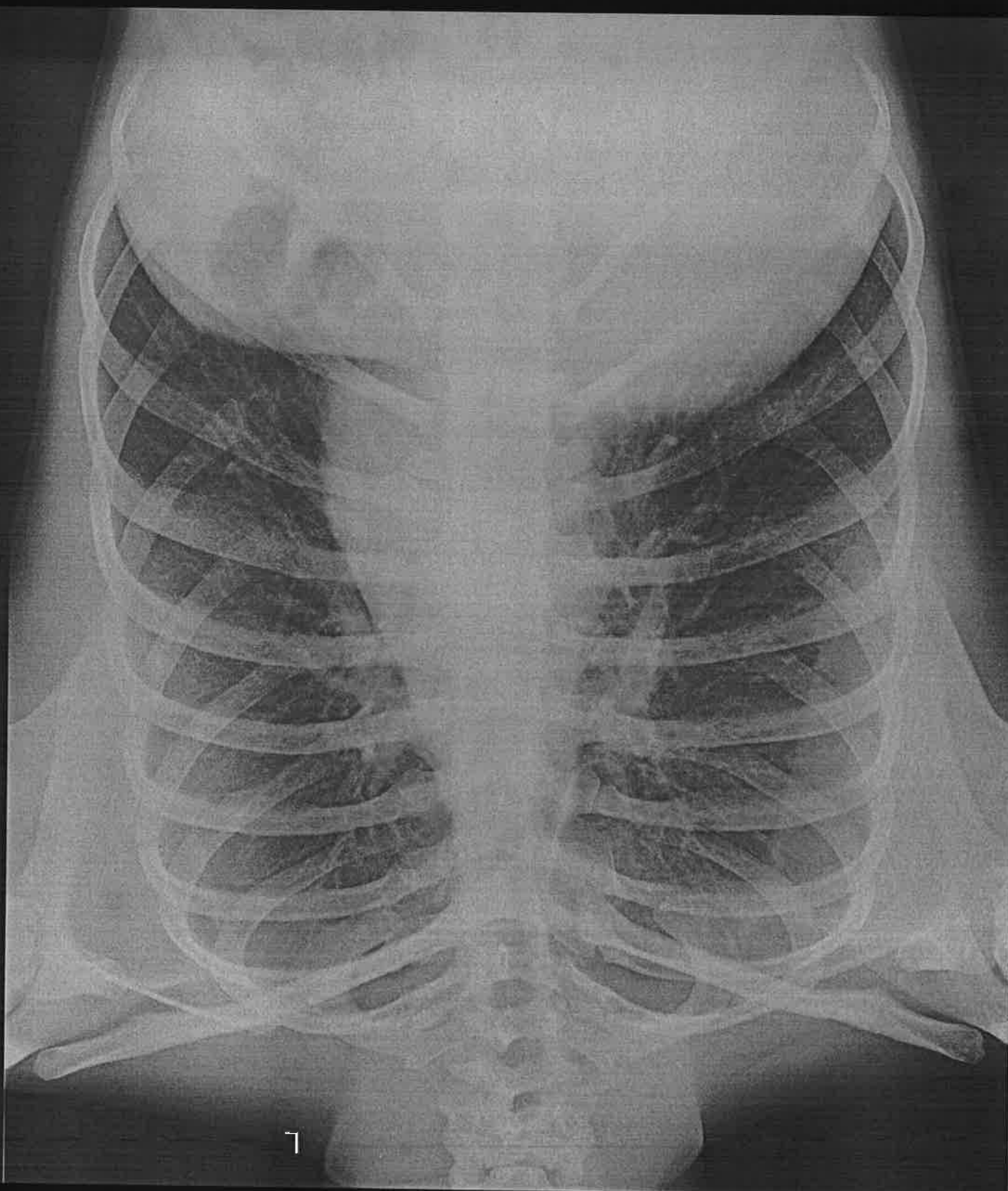
SANTOS
H KUMAR
Digitally signed by
SANTOSH KUMAR
Date: 2019.02.05
11:23:16 +05'30'

Unconfirmed Report.



25mm/s 10mm/mV
0.05-35Hz AC50

AADITYA KUMAR 19Y 04.02.19 CHEST PA 04-Feb-19 12:06 PM
SHREE RAIPUR CEMENT PLANT



CATEGORY-A (Fully Mechanised)

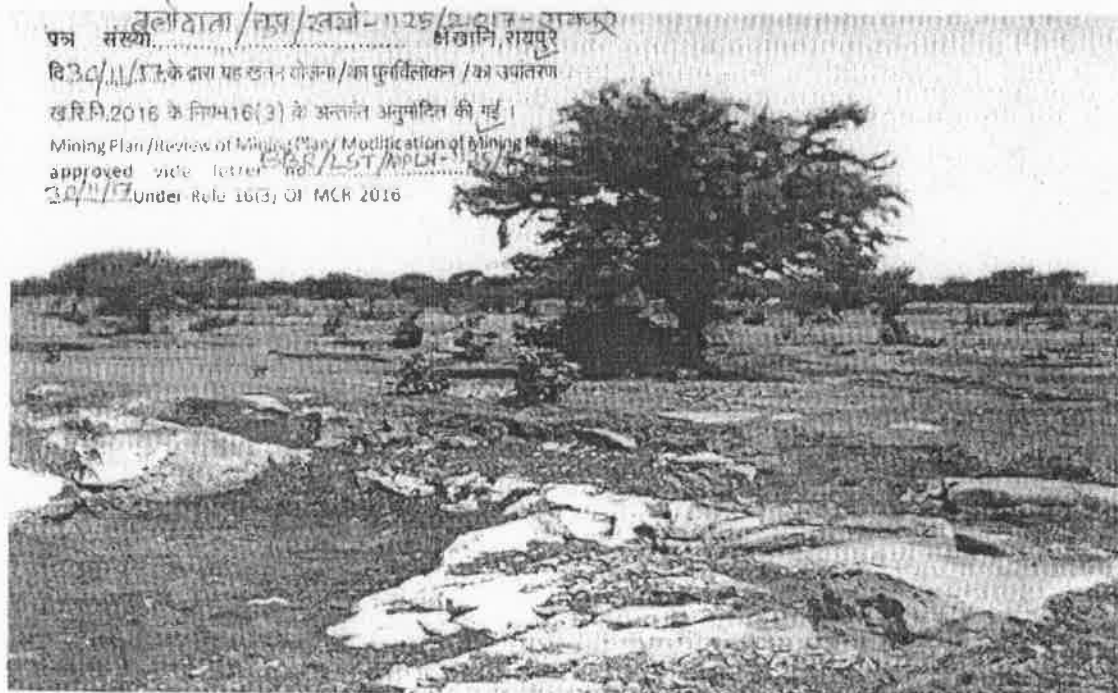


MODIFIED MINING PLAN WITH PROGRESSIVE MINE CLOSURE PLAN

(Submitted under Rules 17(3) of Minerals (other than Atomic and Hydro-Carbon Energy Minerals) Concession Rules, 2016 & Rule 23 of Mineral Conservation & Development Rules 2017) अनुमोदित / Approved

SHREE LIMESTONE MINE (MINERAL- LIMESTONE), M.L. No. 38/2007

VILLAGE BHARUWADIH & SEMRADIH, TEHSIL- BALODA BAZAR
DISTRICT - BALODA BAZAR- BHATAPARA STATE- CHHATTISGARH
PERIOD OF MINING LEASE 12th JANUARY 2011 TO 11th JANUARY 2061
TOTAL LEASE AREA 531.126 Ha. (FOREST 0.0 Ha, NON-FOREST 531.126 Ha.)
PERIOD OF MODIFIED MINING PLAN 1st APRIL 2017 TO 31st MARCH 2020
LIMESTONE PRODUCTION 11.06 MILLION TONNES PER ANNUM



प्रश्न संख्या: 125/2017-2018, रायपुर
दि 30/11/17 के द्वारा यह खनन योजना/का पुनर्विलोकन/का उपपत्रण
खरिपि, 2016 के नियम 16(3) के अन्तर्गत अनुमोदित की गई।
Mining Plan/Review of Mining Plan/Modification of Mining Plan
approved vide letter No. 125/2017-2018, Raipur
30/11/17 Under Rule 16(3) of MCR 2016

LESSEE

M/S SHREE CEMENT LIMITED

Post box no.33, Bangur Nagar, Beawar, PIN 305901, Rajasthan

Email-shreebwr@shreecementltd.com

Phone: 01462 228101-6

Fax: 01462 228117

IBM Registration no. : IBM/960/2011

Mine Code: 38 CHG 14027

Volume -1 (Text)

PREPARED BY

MAHENDRA KUMAR GARG

Qualified Person

B.E. (Mining Engineering)

OM PRAKASH SHARMA

Qualified Person

B.E. (Mining Engineering)

30/11/2017
क्षेत्रीय खान नियंत्रक,
Regional Controller of Mines
भारतीय खान ब्यूरो, रायपुर
Indian Bureau of Mines, Raipur



सत्यमेव जयते

भारत सरकार
केन्द्रीय भूमि जल प्राधिकरण
जल संसाधन, नदी विकास
और गंगा संरक्षण मंत्रालय

Government of India
Central Ground Water Authority
Ministry of Water Resources,
River Development & Ganga Rejuvenation

CGWA/IND/Proj/2018-332-R

No.21-4(36)/NCCR/CGWA/2008-2079

Dated:- 24 OCT 2018

To

M/s Shree Raipur Cement Plant
Unit of Shree Cement Ltd.
Village Khaparadih, Block Balodabazar,
District Balodabazar-Bhatapara, Chhattisgarh - 493196

Sub:- Renewal of NOC for ground water withdrawal to M/s Shree Raipur Cement Plant (Unit of Shree Cement Ltd.) in respect of their existing "Integrated Cement Plant, Clinker, Power Plant, Colony & Limestone Mines" located at Villages Khaparadih, Semaradih & Bharuadih, Block Simga & Balodabazar, District Balodabazar-Bhatapara, Chhattisgarh - reg.

Refer to your application dated 07/03/2018 on the above cited subject. Based on recommendations of Regional Director, Central Ground Water Board, North Central Chhattisgarh Region, Raipur vide their office letter No. No. 35-1/NCCR/CGWA/Vol.XI-915 dated 05/09/2018, and further deliberations on the subject, the renewal of NOC issued vide this office letter of even no. dated 08/04/2015 is hereby accorded to **M/s Shree Raipur Cement Plant (Unit of Shree Cement Ltd.) in respect of their existing "Integrated Cement Plant, Clinker, Power Plant, Colony & Limestone Mines" located at Villages Khaparadih, Semaradih & Bharuadih, Block Simga & Balodabazar, District Balodabazar-Bhatapara, Chhattisgarh.** The renewed NOC is valid from 08/04/2018 to 07/04/2023 and subject to the following conditions:-

1. The firm may continue to abstract **3,000 cu.m/day** (not exceeding **10,95,000 cu.m/year**) of ground water and dewatering mine seepage on account of mining intersecting the water table through fifteen (15) existing bore wells only. No additional ground water abstraction structures shall be constructed for this purpose without prior approval of the CGWA.
2. All the wells shall be fitted with digital water flow meters by the firm at its own cost and monitoring of monthly ground water abstraction data of each well shall be recorded in a log book. Compliance to this condition shall be reported within one month from the date of issue of this letter.
3. **M/s Shree Raipur Cement Plant (Unit of Shree Cement Ltd.)**, shall, continue to implement ground water recharge measures to the tune of **6,00,000 m³/year** for augmenting the ground water resources of the area. Firm shall also undertake periodic maintenance of recharge structures at its own cost.

18/11, Jamnagar House, Mansingh Road, New Delhi-110011

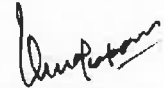
Phone : (011) 23383561 Fax : 23382051, 23386743

Website: www.cgwa.noc.gov.in

स्वच्छ सुरक्षित जल - सुन्दर खुशहाल कल

CONSERVE WATER - SAVE LIFE

4. The firm shall continue to execute monthly ground water level monitoring in the project area through four (4) nos. of existing piezometers. Further, the firm shall continue to monitor ground water levels four (4) times a year (January, May, August and November) in core and buffer zone through existing key wells. The firm shall install digital water level recoders in all of the existing piezometers and install telemetry system in one of the piezometers and share the user ID and password of the telemetry system with the Regional Director, Central Ground Water Board, North Central Chhattisgarh Region, Raipur.
5. The ground water quality shall be monitored once in a year during pre monsoon period.
6. The ground water monitoring data in respect of S. No. 2, 4, & 5 shall be submitted to the Regional Director, Central Ground Water Board, North Central Chhattisgarh Region, Raipur on regular basis at least once in a year.
7. The firm shall ensure proper recycling and reuse of waste water after adequate treatment.
8. Action taken report in respect of S.N o. 1 to 7 shall be submitted to CGWA within one year period.
9. The NOC is liable to be cancelled in case of non-compliance of any of the conditions as mentioned in S. No. 1 to 8.
10. This NOC is subject to prevailing Central/State Government rules/laws or Court orders related to construction of tubewell/ground water withdrawal/construction of recharge or conservation structures/discharge of effluents or any such matter as applicable.
11. This NOC does not absolve the applicant / proponent of his obligation / requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.
12. The NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and be taking decisions independently of the NOC.



Regional Director

Copy to:

1. The Member Secretary, Chhattisgarh Environment Conservation Board, Paryavas Bhavan, North Block Sector-19, Naya Raipur, Chhattisgarh with a request to ensure that the conditions mentioned in the NOC are complied by the firm in consultation with the District Collector & Magistrate, District Balodabazar-Bhatapara, Chhattisgarh.
2. The District Collector & Magistrate, District Balodabazar-Bhatapara, Chhattisgarh for necessary action.
3. The Regional Director, Central Ground Water Board, North Central Chhattisgarh Region, Raipur. This has reference to your recommendation dated 05/09/2018.
4. Guard File 2018-19.

Regional Director

Date/Time Vert at 14:51:15 October 30, 2018
 Trigger Source Geo: 0.700 mm/s, Mic: 120.0 dB(L)
 Range Geo: 254.0 mm/s
 Record Time 2.0 sec at 2048 sps
 Job Number: 1
 Operator/Setup: Operator/SHREE Limestone MINES.MMB

Serial Number UM12333 V 10-87 Micromate ISEE
 Battery Level 3.5 Volts
 Unit Calibration October 28, 2017 by UES New Delhi
 File Name _TEMP.EVT

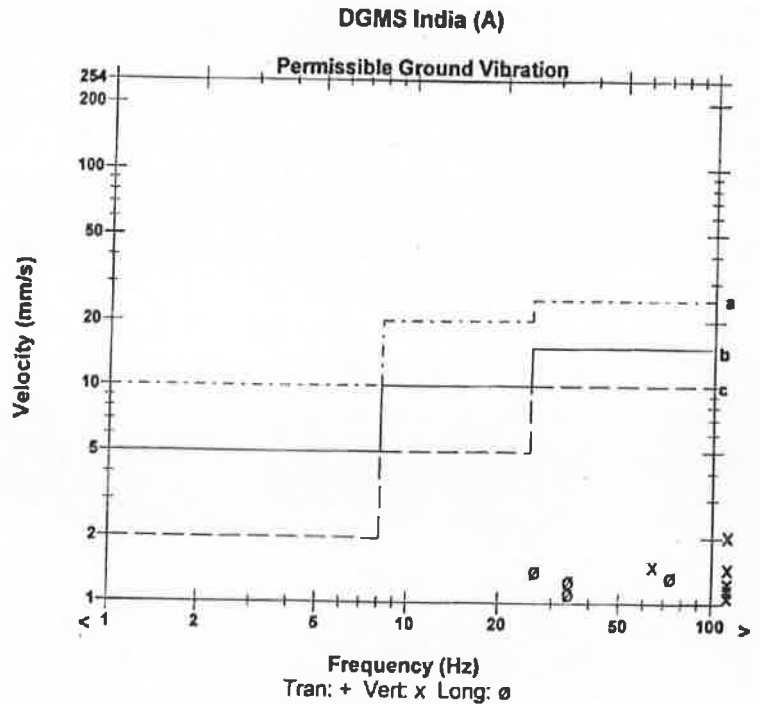
Notes

Location: 270MRL(Sw),BLOCK3
 Client: SCL RAIPUR
 User Name: SHREE CEMENT LTD
 General: LIMESTONE MINES

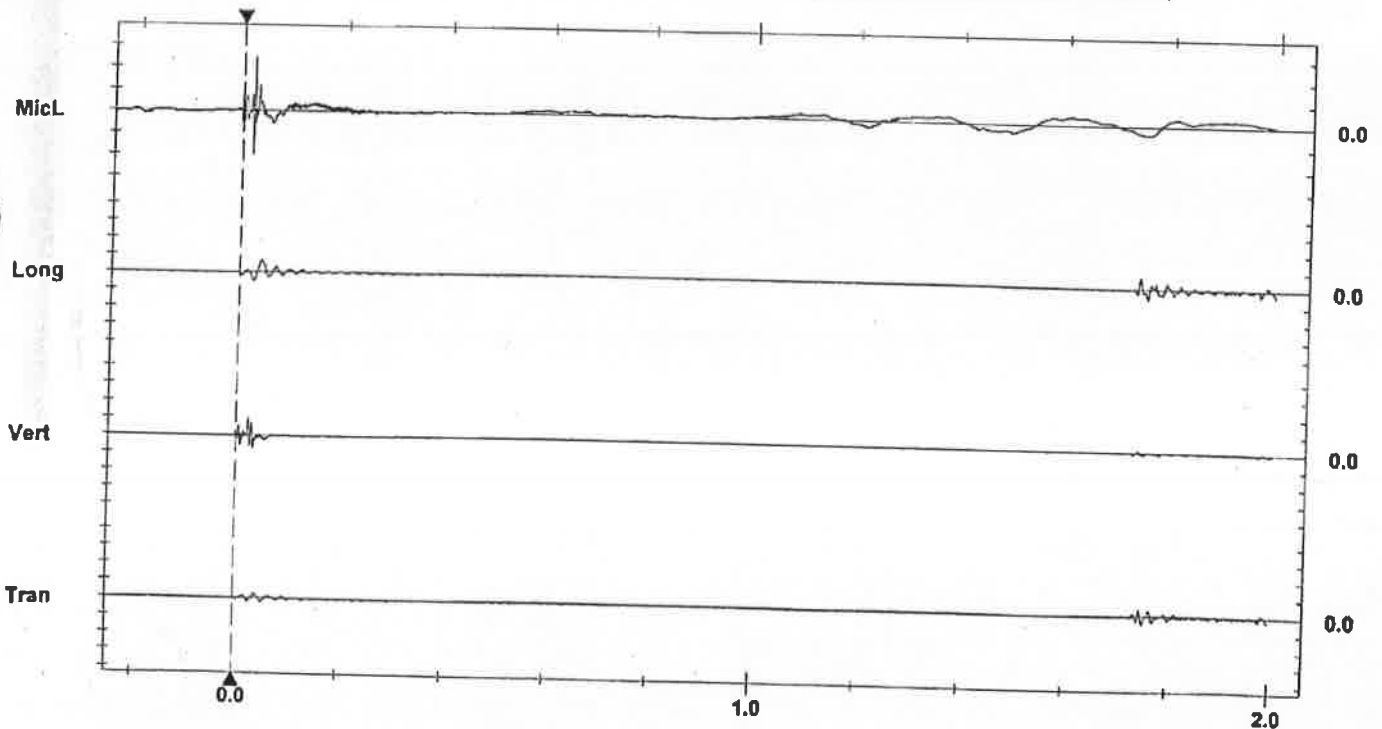
Microphone Linear Weighting
 PSPL 101.9 dB(L) at 0.022 sec
 ZC Freq 171 Hz
 Channel Test Passed (Freq = 19.7 Hz Amp = 1177 mv)

	Tran	Vert	Long	
PPV	0.993	2.065	1.419	mm/s
ZC Freq	47	102	26	Hz
Time (Rel. to Trig)	1.755	0.024	0.042	sec
Peak Acceleration	0.049	0.163	0.061	g
Peak Displacement	0.063	0.037	0.079	mm
Sensor Check	Passed	Passed	Check	

Peak Vector Sum 2.196 mm/s at 0.024 sec



a) Industrial Buildings
 b) Domestic houses/structures
 c) Historic objects, sensitive structures



Time Scale: 0.20 sec/div Amplitude Scale: Geo: 2.000 mm/s/div Mic: 1.000 pa.(L)/div
 Trigger =

Date/Time Vert at 14:26:07 November 29, 2018
 Trigger Source Geo: 0.700 mm/s, Mic: 120.0 dB(L)
 Range Geo: 254.0 mm/s
 Record Time 2.0 sec at 2048 sps
 Job Number: 1
 Operator/Setup: Operator/SHREE LIMESTONE MINES.MMB

Serial Number UM12333 V 10-87 Micromate ISEE
 Battery Level 3.4 Volts
 Unit Calibration October 28, 2017 by UES New Delhi
 File Name __TEMP.EVT

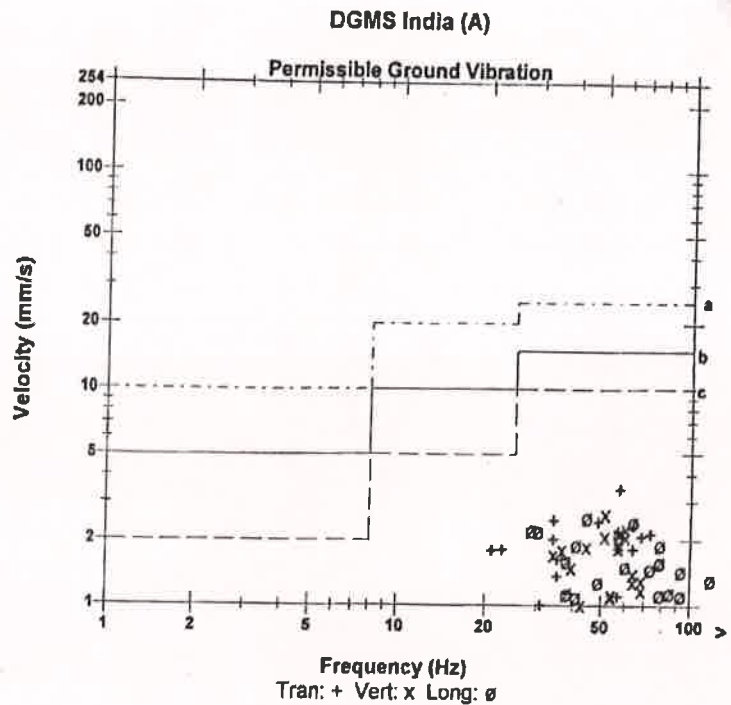
Notes

Location: 270MRL(w),BLOCK3
 Client: SCL RAIPUR
 User Name: SHREE CEMENT LTD
 General: LIMESTONE MINES

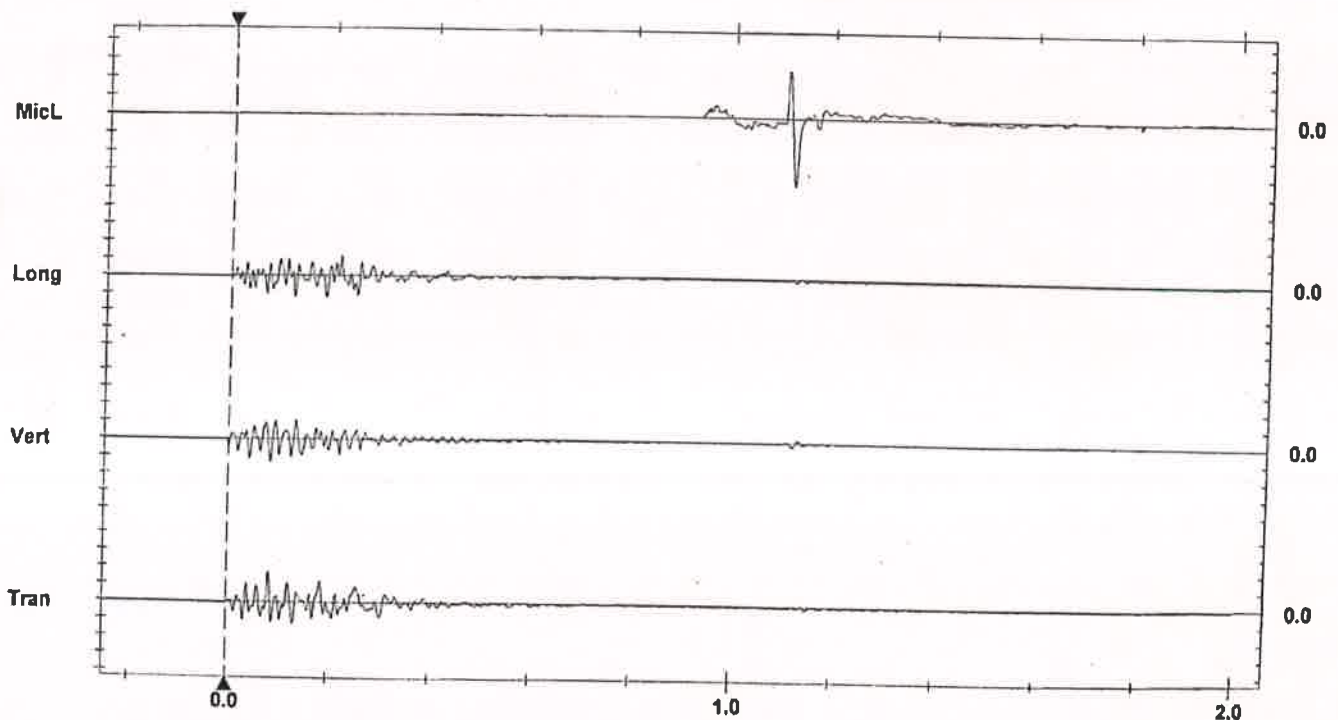
Microphone Linear Weighting
 PSPL 131.3 dB(L) at 1.121 sec
 ZC Freq 20 Hz
 Channel Test Passed (Freq = 19.7 Hz Amp = 1182 mv)

	Tran	Vert	Long	
PPV	3.444	2.656	2.554	mm/s
ZC Freq	57	51	45	Hz
Time (Rel. to Trig)	0.084	0.084	0.188	sec
Peak Acceleration	0.133	0.132	0.122	g
Peak Displacement	0.021	0.013	0.027	mm
Sensor Check	Passed	Passed	Passed	

Peak Vector Sum 4.476 mm/s at 0.084 sec



a) Industrial Buildings
 b) Domestic houses/structures
 c) Historic objects, sensitive structures



Time Scale: 0.20 sec/div Amplitude Scale: Geo: 2.000 mm/s/div Mic: 20.00 pa. (L)/div
 Trigger = 

Abhinav

Date/Time Vert at 14:23:02 December 3, 2018
Trigger Source Geo: 0.700 mm/s, Mic: 120.0 dB(L)
Range Geo: 254.0 mm/s
Record Time 2.0 sec at 2048 sps
Job Number: 1
Operator/Setup: Operator/SHREE LIMESTONE MINES.MMB

Serial Number UM12333 V 10-87 Micromate ISEE
Battery Level 3.4 Volts
Unit Calibration October 28, 2017 by UES New Delhi
File Name _TEMP.EVT

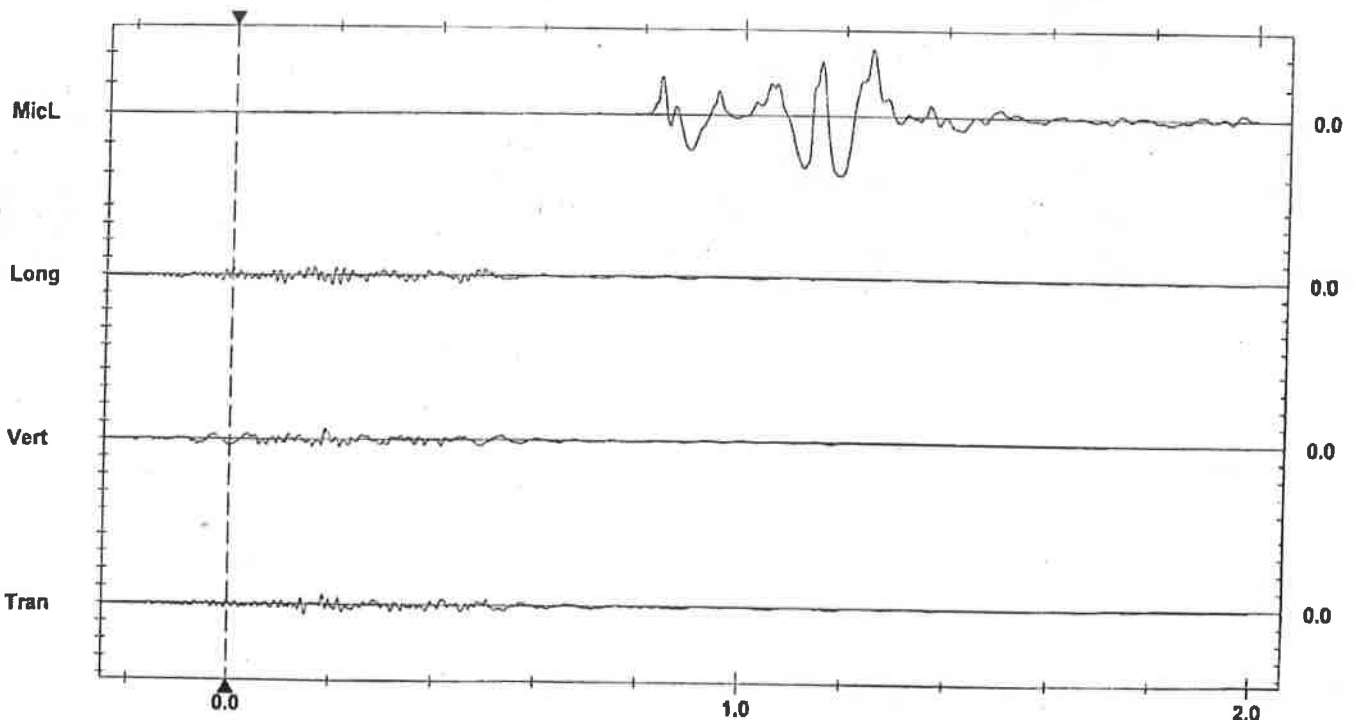
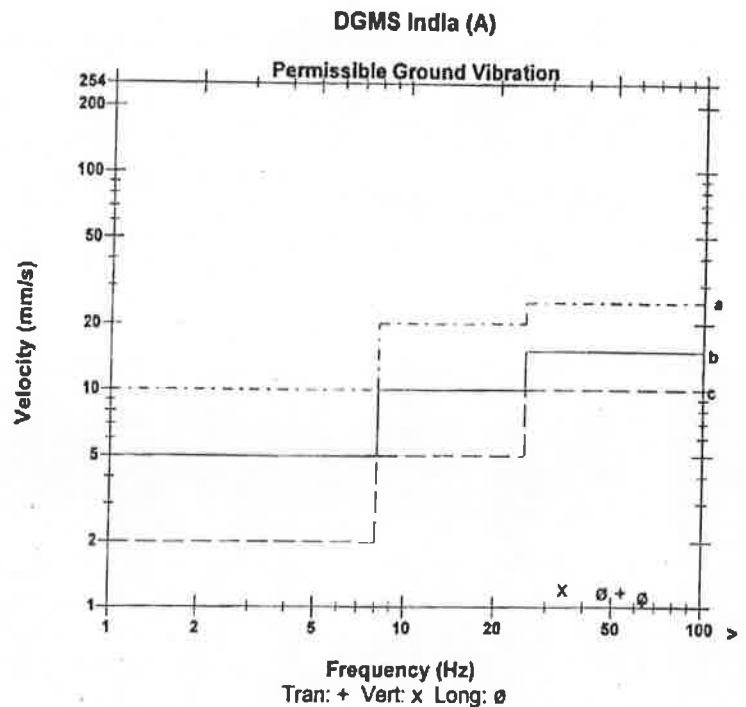
Notes

Location: 265MRL(SE),BLOCK3
Client: SCL RAIPUR
User Name: SHREE CEMENT LTD
General: LIMESTONE MINES

Microphone Linear Weighting
PSPL 127.2 dB(L) at 1.253 sec
ZC Freq 6.4 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 1216 mv)

	Tran	Vert	Long	
PPV	1.167	1.222	1.174	mm/s
ZC Freq	54	34	47	Hz
Time (Rel. to Trig)	0.151	0.187	0.194	sec
Peak Acceleration	0.051	0.058	0.063	g
Peak Displacement	0.010	0.007	0.017	mm
Sensor Check	Passed	Passed	Passed	

Peak Vector Sum 1.593 mm/s at 0.187 sec



Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 2.000 mm/s/div Mic: 20.00 pa.(L)/div
Trigger =

Date/Time Long at 14:05:23 January 5, 2019
Trigger Source Geo: 0.700 mm/s, Mic: 120.0 dB(L)
Range Geo: 254.0 mm/s
Record Time 2.0 sec at 2048 sps
Job Number: 1
Operator/Setup: Operator/SHREE Limestone MINES.MMB

Serial Number UM12333 V 10-87 Micromate ISEE
Battery Level 3.7 Volts
Unit Calibration October 28, 2017 by UES New Delhi
File Name _TEMP.EVT

Notes

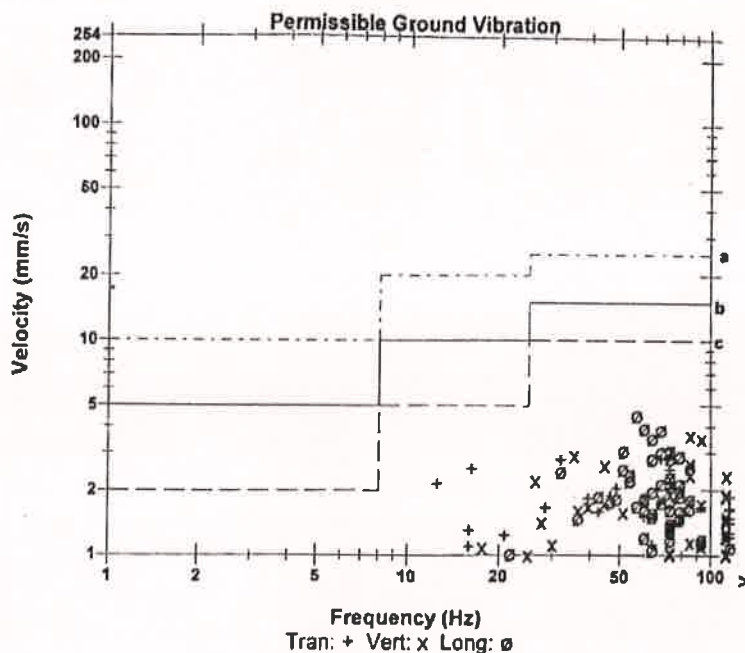
Location: 270MRL(SW), EAST throw
Client: SCL RAIPUR
User Name: SHREE CEMENT LTD
General: LIMESTONE MINES

Microphone Linear Weighting
PSPL 139.2 dB(L) at 1.221 sec
ZC Freq 11.1 Hz
Channel Test Passed (Freq = 19.7 Hz Amp = 1224 mv)

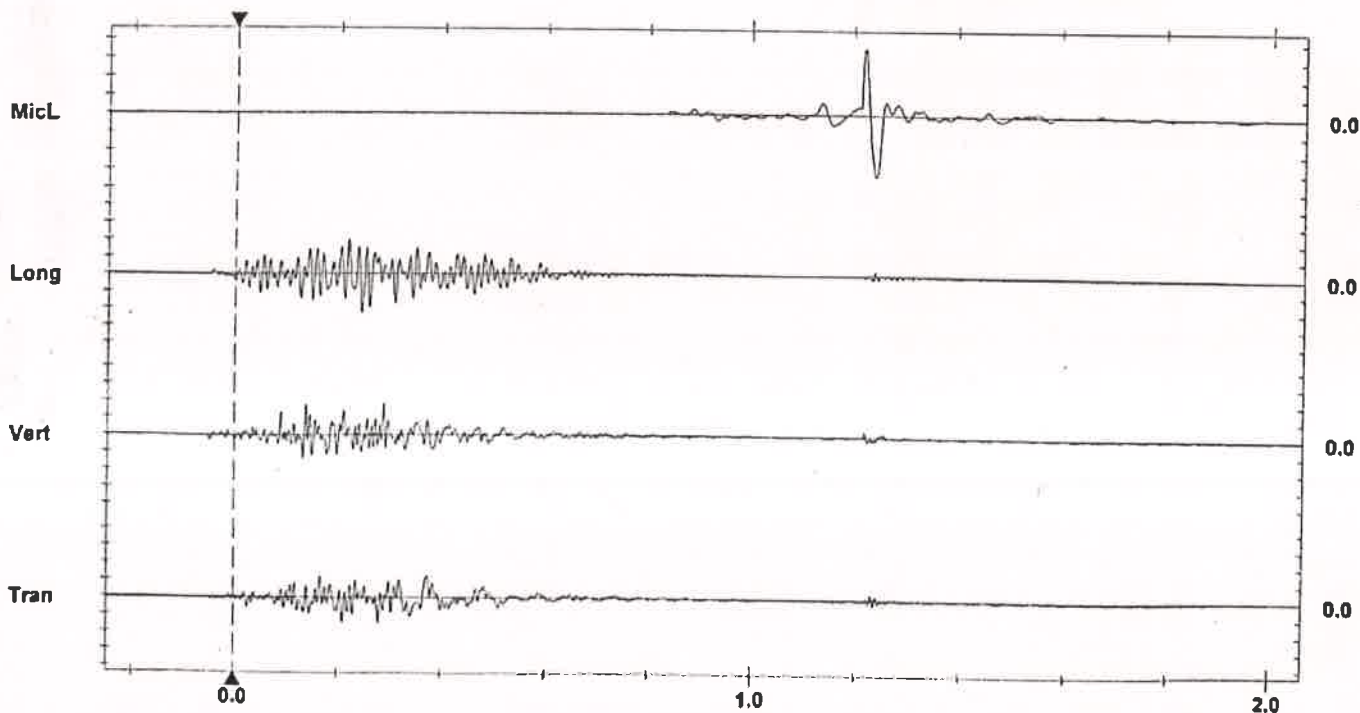
	Tran	Vert	Long	
PPV	2.806	3.665	4.501	mm/s
ZC Freq	68	85	57	Hz
Time (Rel. to Trig)	0.212	0.288	0.244	sec
Peak Acceleration	0.153	0.306	0.242	g
Peak Displacement	0.021	0.009	0.013	mm
Sensor Check	Passed	Passed	Passed	

Peak Vector Sum 4.912 mm/s at 0.212 sec

DGMS India (A)



- a) Industrial Buildings
- b) Domestic houses/structures
- c) Historic objects, sensitive structures



Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 2.000 mm/s/div Mic: 50.00 pa.(L)/div
Trigger =

Date/Time Long at 14:05:09 February 3, 2018
Trigger Source Geo: 0.700 mm/s, Mic: 131.0 dB(L)
Range Geo: 254.0 mm/s
Record Time 2.0 sec at 2048 sps
Job Number: 1
Operator/Setup: Operator/SHREE LIMESTONE MINES.MMB

Serial Number UM12333 V 10-87 Micromate ISEE
Battery Level 3.6 Volts
Unit Calibration October 28, 2017 by UES New Delhi
File Name _TEMP.EVT

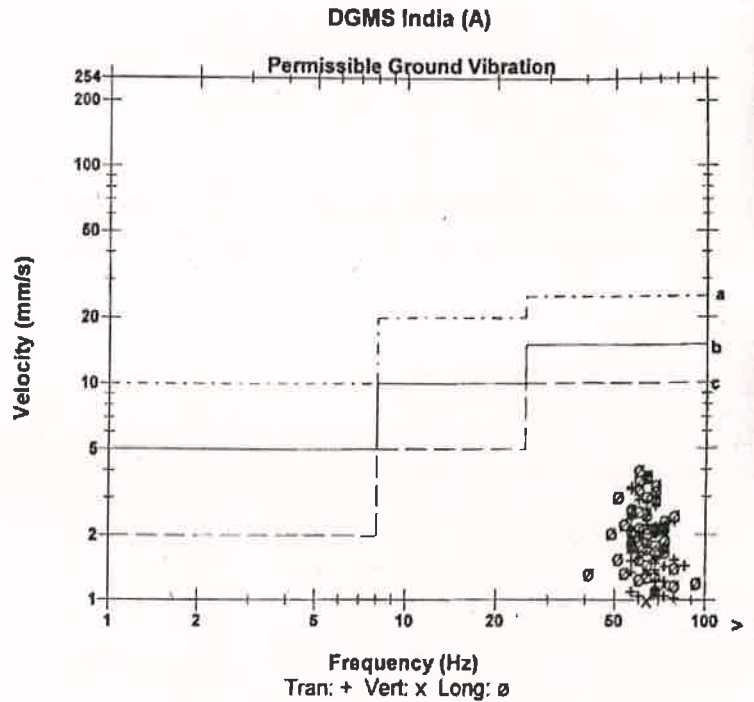
Notes

Location: BLOCK-3,270MRL(W),EAST THROW
Client: SCL RAIPUR
User Name: SHREE CEMENT LTD
General: LIMESTONE MINES

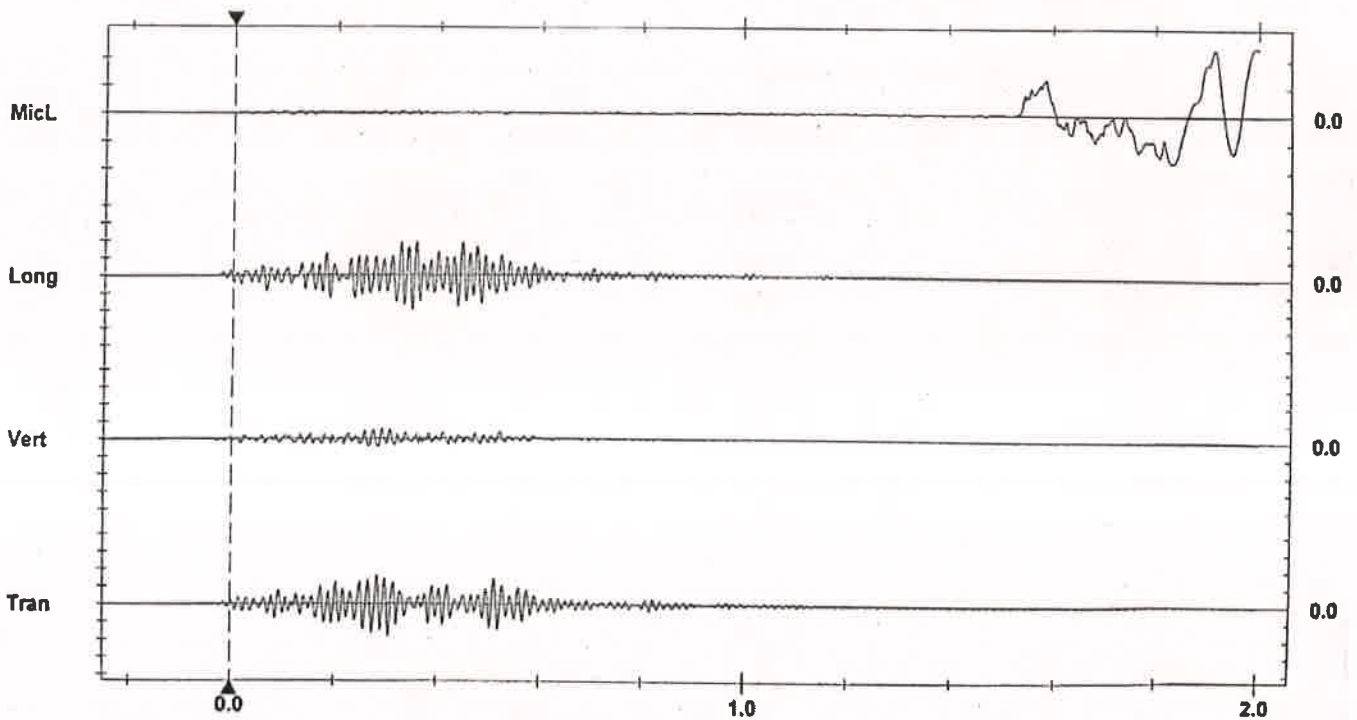
Microphone Linear Weighting
PSPL 115.8 dB(L) at 1.993 sec
ZC Freq N/A
Channel Test Passed (Freq = 19.7 Hz Amp = 1166 mv)

	Tran	Vert	Long	
PPV	3.697	1.190	3.988	mm/s
ZC Freq	64	73	60	Hz
Time (Rel. to Trig)	0.307	0.292	0.348	sec
Peak Acceleration	0.184	0.061	0.268	g
Peak Displacement	0.009	0.004	0.010	mm
Sensor Check	Passed	Passed	Passed	

Peak Vector Sum 4.339 mm/s at 0.307 sec
N/A: Not Applicable



a) Industrial Buildings
 b) Domestic houses/structures
 c) Historic objects, sensitive structures



Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 2.000 mm/s/div Mic: 5.000 pa.(L)/div
Trigger =

Date/Time Vert at 14:17:09 March 16, 2019
Trigger Source Geo: 0.700 mm/s, Mic: 120.0 dB(L)
Range Geo: 254.0 mm/s
Record Time 2.0 sec at 2048 sps
Job Number: 1
Operator/Setup: Operator/SHREE LIMESTONE MINES.MMB

Serial Number UM12333 V 10-87 Micromate ISEE
Battery Level 3.7 Volts
Unit Calibration October 28, 2017 by UES New Delhi
File Name _TEMP.EVT

Notes

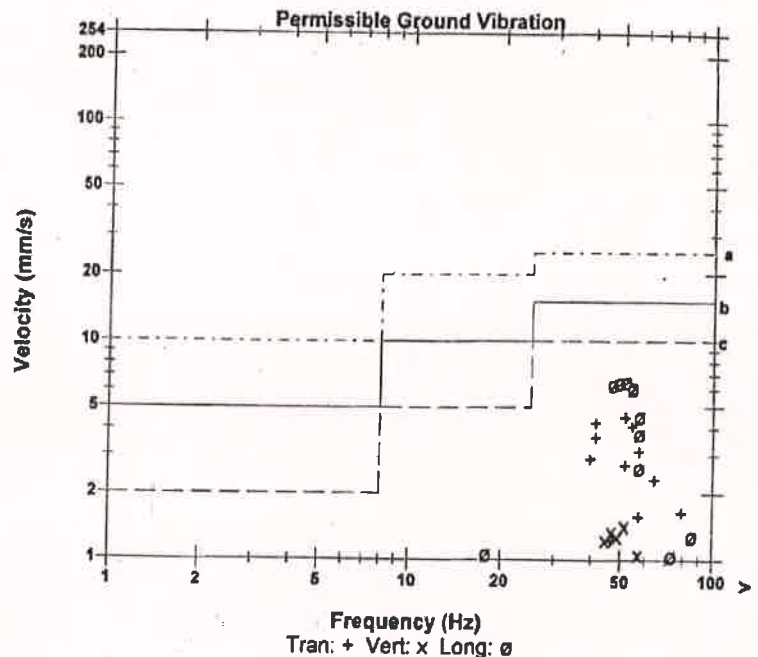
Location: 260MRL(w), east throw
Client: SCL RAIPUR
User Name: SHREE CEMENT LTD
General: LIMESTONE MINES

Microphone Linear Weighting
PSPL <88 dB(L)
ZC Freq 34 Hz
Channel Test Check (Freq = 0.0 Hz Amp = 0 mv)

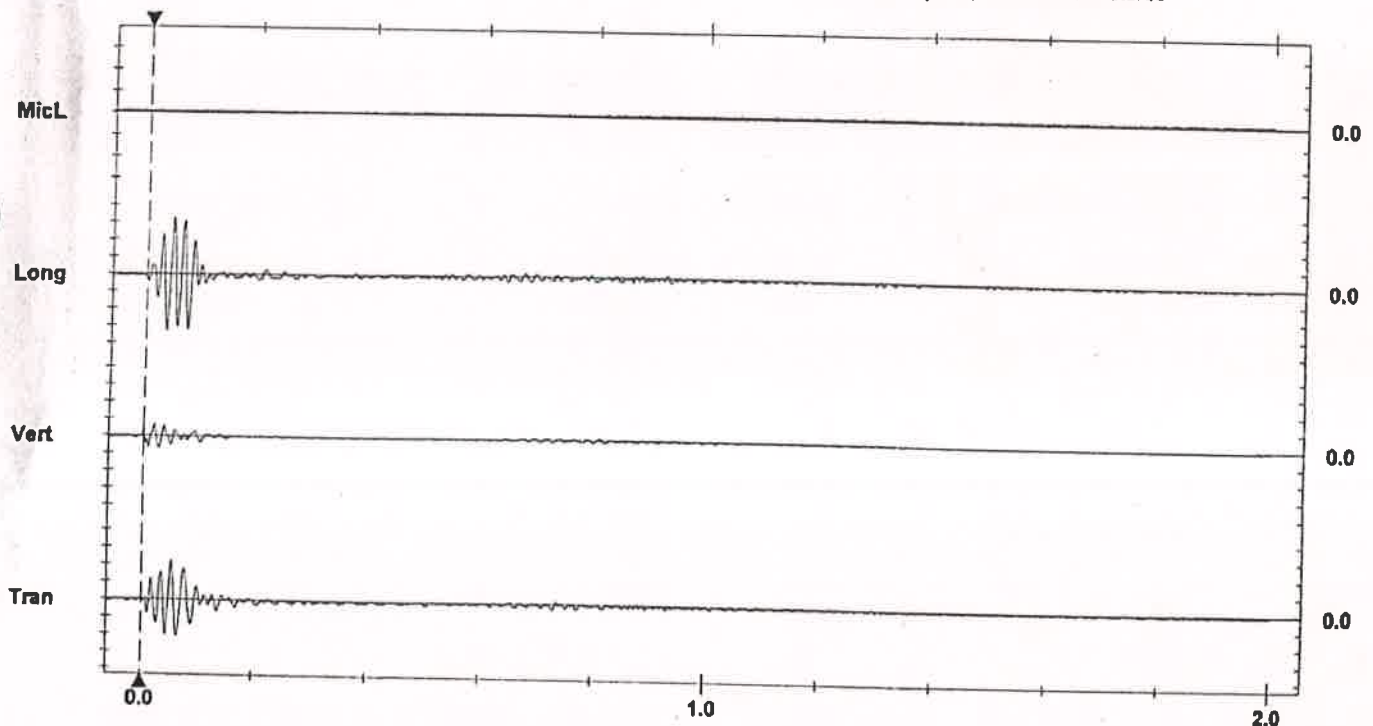
	Tran	Vert	Long	
PPV	4.493	1.427	6.542	mm/s
ZC Freq	51	51	51	Hz
Time (Rel. to Trig)	0.055	0.020	0.038	sec
Peak Acceleration	0.146	0.067	0.230	g
Peak Displacement	0.020	0.014	0.021	mm
Sensor Check	Passed	Passed	Passed	

Peak Vector Sum 7.291 mm/s at 0.066 sec
N/A: Not Applicable

DGMS India (A)



- a) Industrial Buildings
- b) Domestic houses/structures
- c) Historic objects, sensitive structures



Time Scale: 0.20 sec/div **Amplitude Scale:** Geo: 2.000 mm/s/div Mic: 1.000 pa.(L)/div
Trigger =

कार्यालय कलेक्टर (खनिज) जिला बलौदाबाजार-भाटापारा छ.ग.

क्रमांक 2677/तीन-1/डीजीपीएस/2018

बलौदाबाजार दिनांक 18/07/2018

प्रति,

युनिट हेड
श्री सीमेंट लिमिटेड.
भरुवाडीह तहसील बलौदाबाजार
जिला बलौदाबाजार-भाटापारा


विषय:- Submission of DGPS Survey Report and Geo-Referencing cadastral maps as IBM Circular no. 2/2010 for Mining Lease area of M/s Shree Cement Ltd namely Semaradih and Bharuwadhi Limestone Mine (Lease Area 531.126 Hac)

संदर्भ:- आपका पत्र क्रमांक SFMPL/DMO/BALODABAZAR/65 दिनांक 26.6.2018

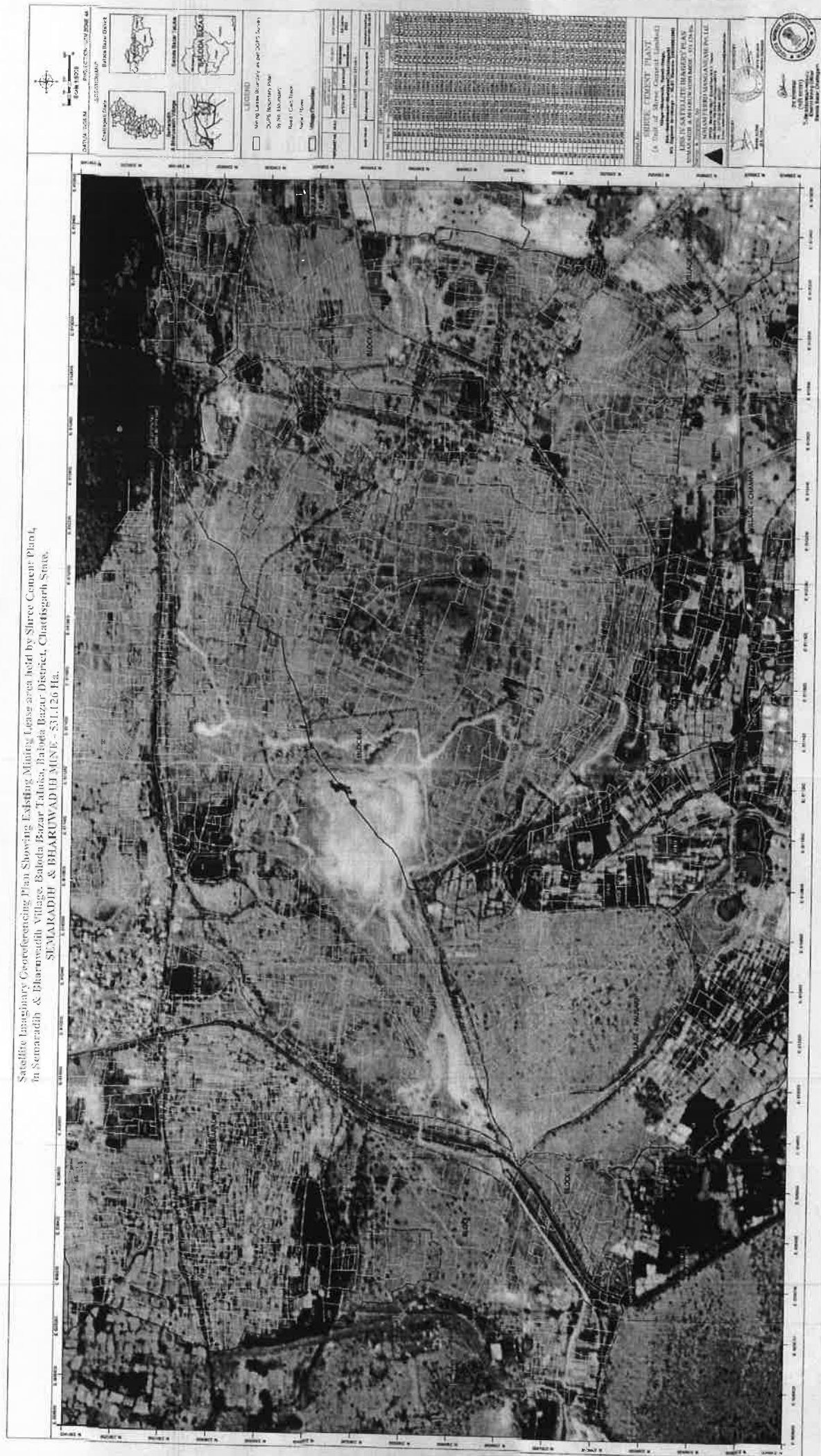
—0—

उपरोक्त विषयान्तर्गत संदर्भित पत्र के तारतम्य में लेख है कि आपको ग्राम भरुवाडीह सेमराडीह के रकबा 531.126 हेक्टर क्षेत्र में दिनांक 11.1.2011 से 10.1.2061 तक स्वीकृत चूनापत्थर खनिपट्टा क्षेत्र का डीजीपीएस सर्वे कराये जाने उपरान्त प्रस्तुत GeoReferencing cadastral maps को सत्यापित कर एक प्रति आपको प्रदाय किया जा रहा है ।

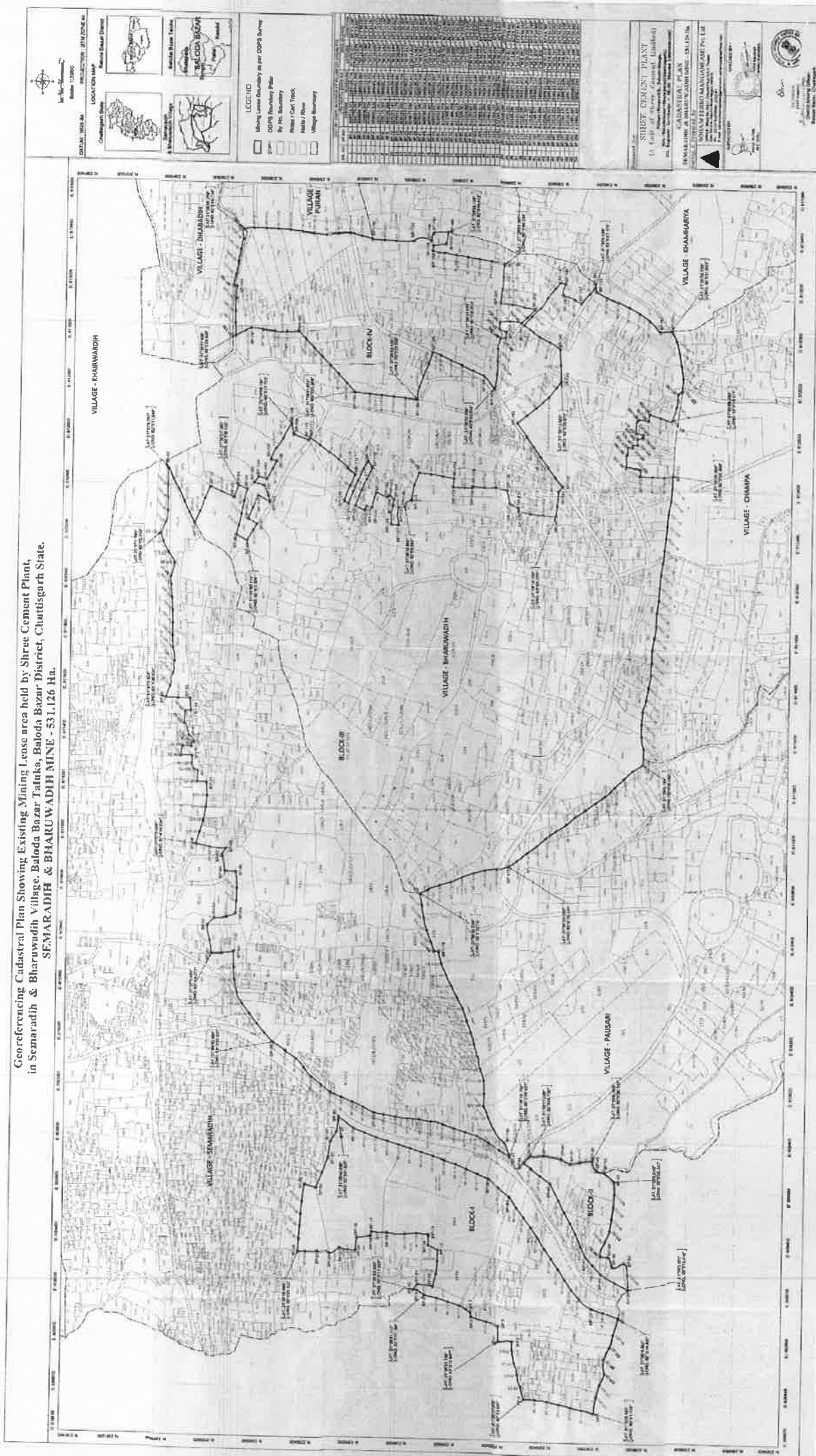
संलग्न:-उपरोक्तानुसार


18/07/2018
उप संचालक (खनिज प्रशासन)
कलेक्टर (खनिज) जिला बलौदाबाजार-भाटापारा
जि. बलौदाबाजार-भाटापारा

Satellite Imaginary Georeferencing Plan Showing Existing Mining Lease area held by Slree Cement Plant, in Semaradit & Bharnwadit Village, Baloda Bazar Taluka, Baloda Bazar District, Chhattisgarh State, SEMARADIT & BHARUWADIT MINE - 531.126 Ha.

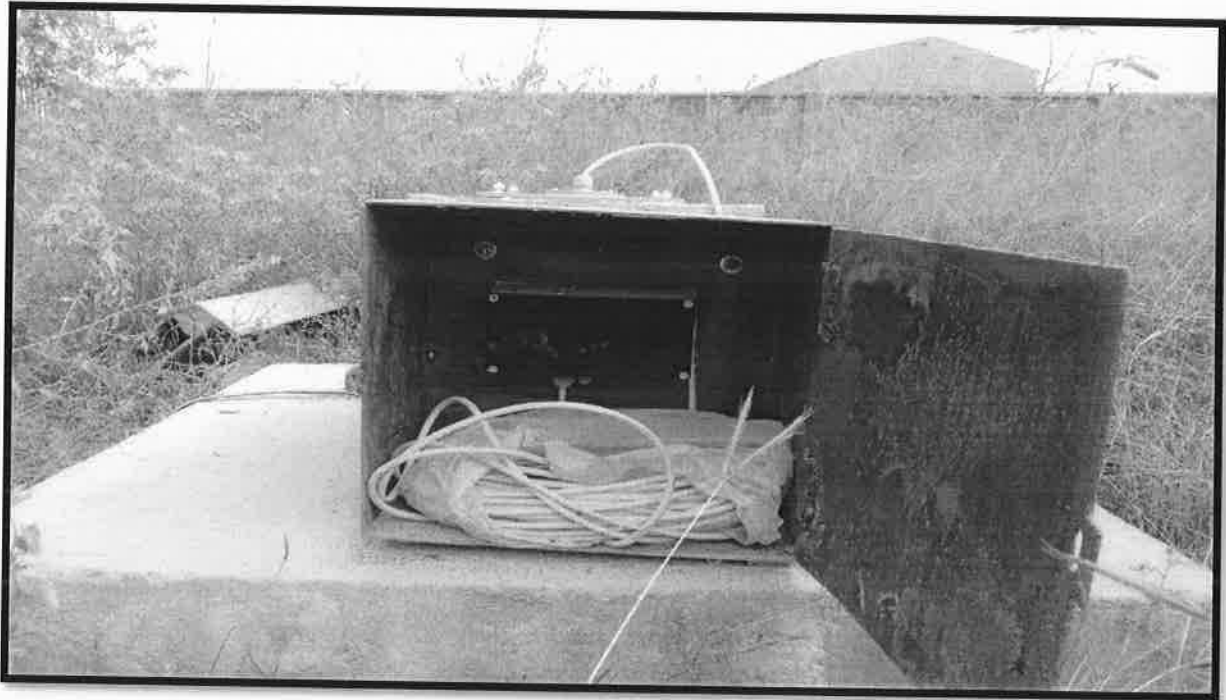


Georeferencing Cadastral Plan Showing Existing Mining Lease area held by Shree Cement Plant, in Semaradith & Bhauruwadih Village, Baloda Bazar, Taluka, Baloda Bazar District, Chattisgarh State, SEMARADITH & BHARUWADIH MINE - 53.126 Ha.



Photographs of Automatic Water Level Recorder

Annexure – 11

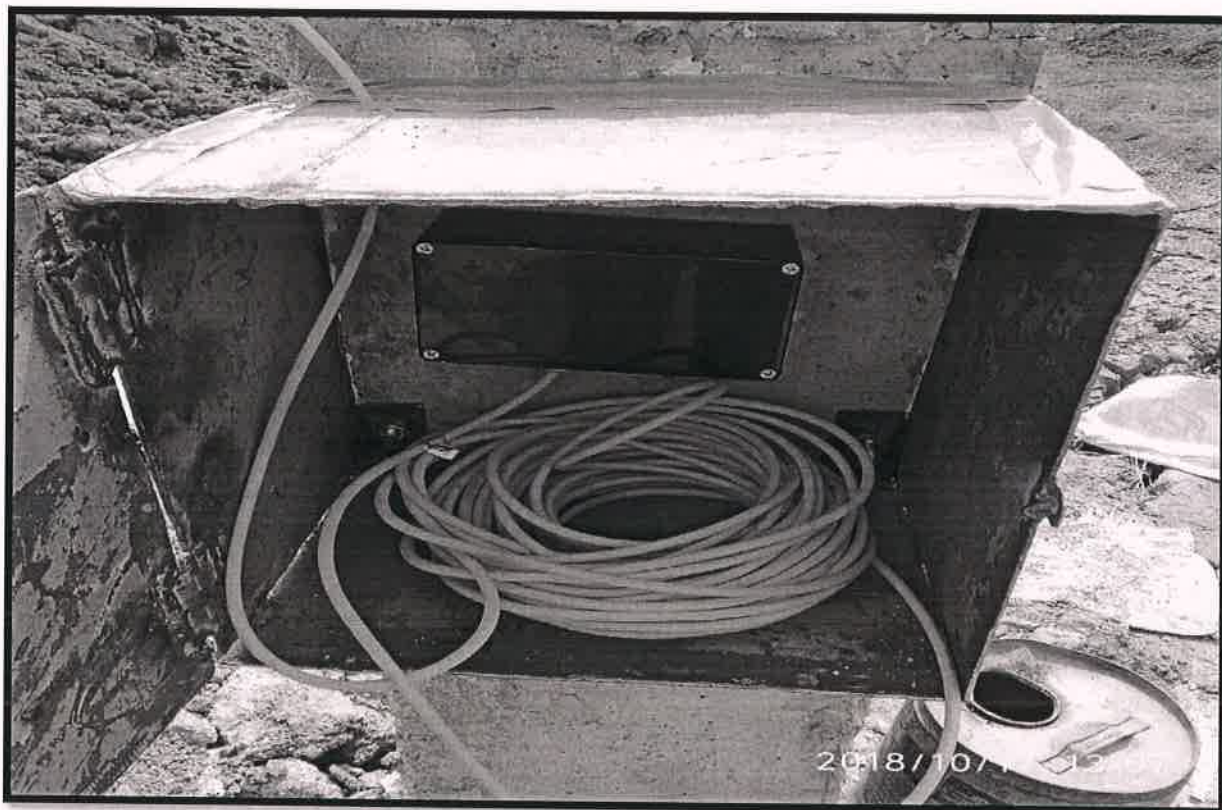


AWLR No.01 (Near old mines gate)



AWLR No.02 (Near Khapradih gate)

Abhinav



AWLR No.03 (Near AAQMS 2 Semradih Village)



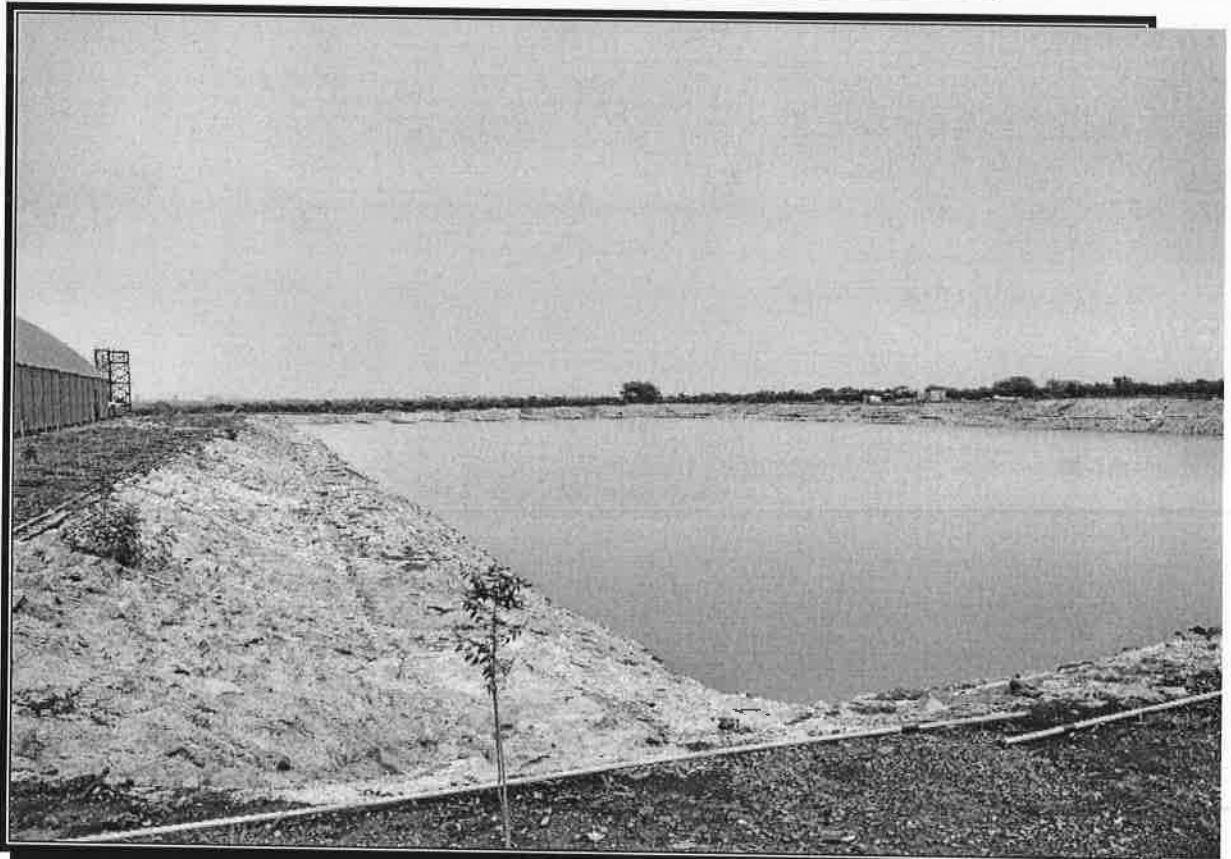
AWLR No.04 (Near AAQMS 3)

Abin

Photographs of Rain water Harvesting Ponds.



Rain Water Harvesting Pond Near New CCR of 1 Lac. KI Capacity.

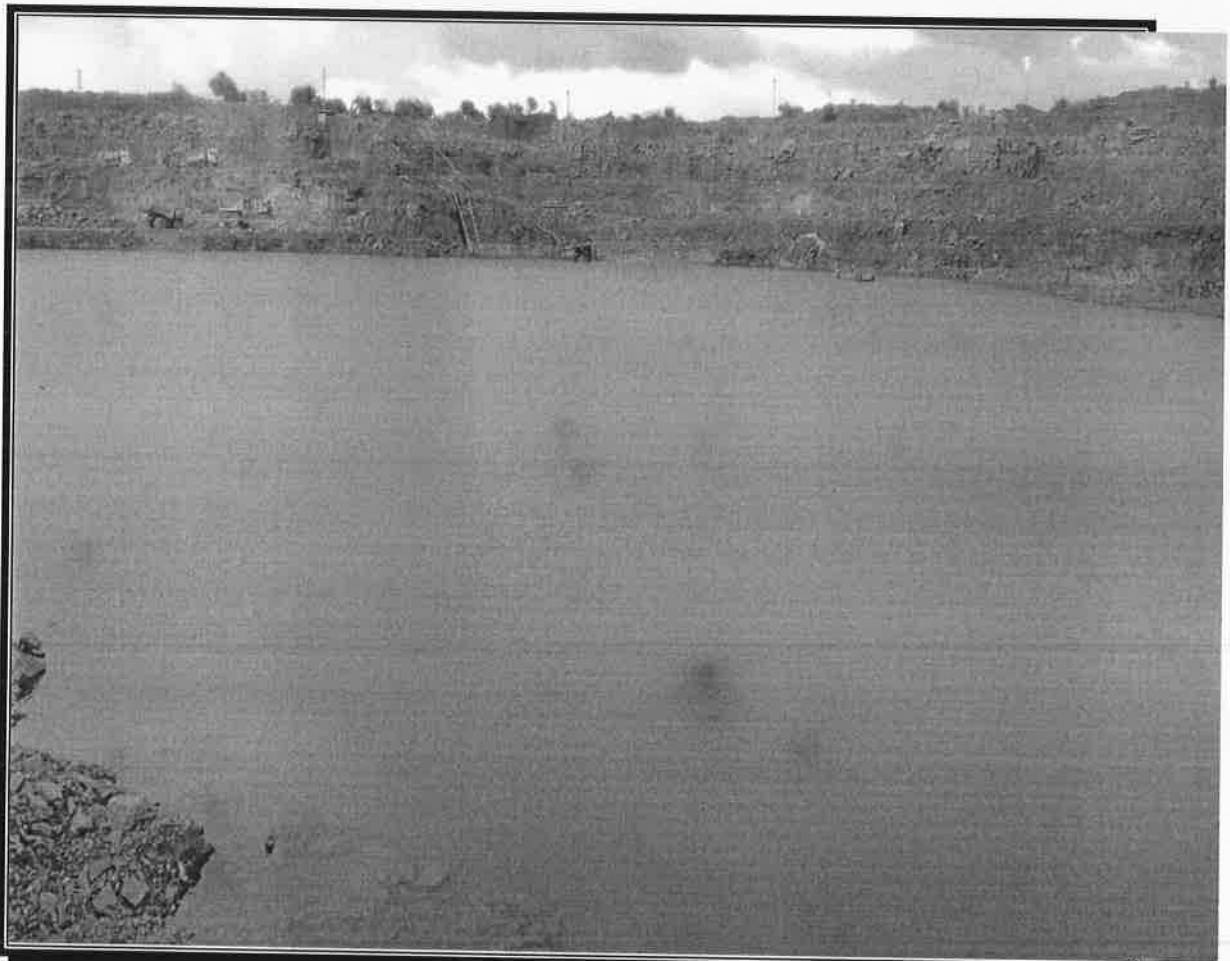


Rain Water Harvesting Pond Near Reclaiimer of 1 Lac KL Capacity.

Shrin



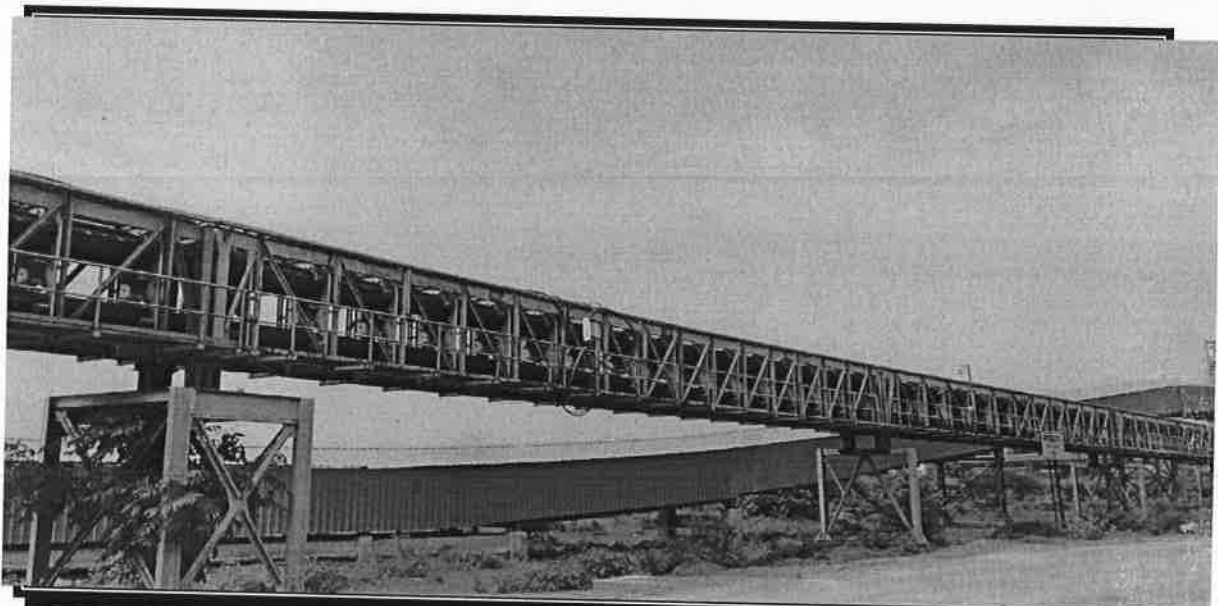
Rain Water Harvesting Pond in Mines of 2.5 Lac KI capacity



Rain Water Harvesting Plt in Mines of 2.5 Lac KI capacity

Abhinav

Photographs of closed conveyor system.



Shrinan

Shree Raipur Cement Plant

(A unit of Shree Cement Ltd)

Noise Monitoring Report

Annexure - 14

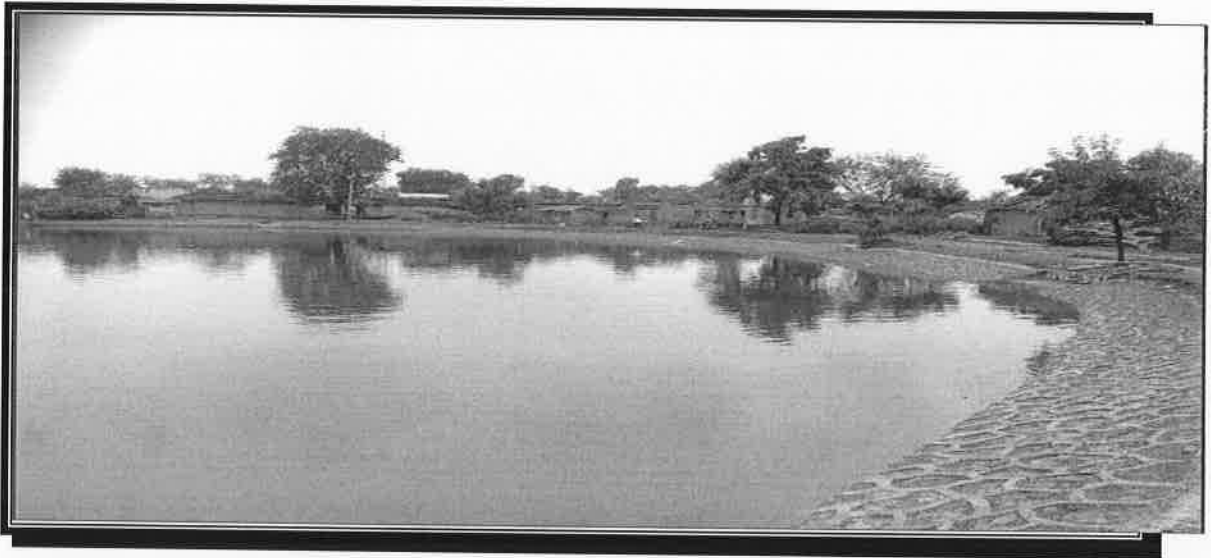
Sr. No	Location	Oct-18		Nov-18		Dec-18		Jan-19		Feb-19		Mar-19	
		Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
1	AAQMS-1(Near Bharuadih) (SE)	53.26	47.2	39.82	34.72	47.02	41.5	52.42	40.26	38.9	34.4	54.38	44.46
2	AAQMS-2 (Near Semaradih) (NE)	54.62	49.38	54.08	47.16	50.08	45.7	50.34	44.94	41.54	36.76	51.50	44.12
3	AAQMS-3 (Near RMS) (SE)	54.72	49.46	45.94	40.76	51.14	41.86	51.74	41.12	44.08	39.22	51.88	44.23
4	AAQMS-4 (Near Kharpradih) (SW)	53.12	47.9	56.4	51.24	54.56	47.34	54.54	46.6	55.88	51.02	55.71	48.39
5	Near Store office	65.42	60.16	60.12	54.94	57.7	52.72	57.18	51.58	64.3	59.5	65.75	57.81
6	Near Raw Mill	71.48	66.3	71.24	66.06	66.36	61.34	66.82	60.34	73.22	68.26	71.27	64.77
7	kiln area (Infront of Mechanical Office)	71.58	66.32	70.76	65.58	75.92	62.28	73.9	62.84	73.02	68.16	71.59	64.95
8	Near Cooler Stack	68.54	62.68	71.14	65.98	66.88	58.26	65.28	54.64	70.28	65.58	69.90	62.96
9	Near Fly Ash Silo	63.2	56.32	72.56	67.38	66.08	61.22	64.96	60.4	72.28	67.42	68.92	63.13
10	Near Truck Loading area (Packing plant)	71.06	65.34	71.06	65.88	70.84	53.68	70.84	53.04	71.16	66	67.87	60.38
11	Near Turbine (GPP Plant)	70.48	65.22	70.28	65.1	68.58	59.86	67.94	60.12	70.18	65.32	71.97	64.65
12	Near Lime stone Stacker	71.82	66.06	71.06	65.94	56.14	51.75	57.1	52.16	71.92	67.06	69.24	58.42
13	In front of CCR Building	68.64	63.4	56.92	51.74	57.28	45.74	56.08	46.3	67.16	62.3	65.25	55.27
14	Near Main Gate	70.22	64.96	59.76	54.58	56.44	45.52	55.5	49.36	63.22	58.46	65.16	55.23
15	Near Truck Parking (Logistic Office)	69.84	64.58	61.2	56.02	58.22	50.04	58.12	51.66	58.1	53.24	67.94	57.51
16	Near Mine Work shop	72.04	66.78	57.32	52.14	60.28	54.6	62.3	53.86	69.36	64.54	67.19	58.36
17	Near Crusher Area (Mines)	71.54	66.28	49.14	44.02	74.02	57.72	73.64	56.5	43.44	38.58	68.89	59.82
18	Near Open Cast mines	69.88	64.62	60.44	55.26	57.62	51.52	61.04	53.84	68.16	63.34	68.45	58.26
19	DG Set 1(Near Kiln area)	71.02	65.76	71.62	66.44	73.56	63.28	72.98	62.98	71.86	67	72.12	64.03
20	DG Set 2 (Near ACC Building)	71.52	66.3	70.56	65.38	71.92	59.92	70.92	58.96	72.6	67.74	72.63	64.07

Photographs of Concreted Mines Road.



Abhinav

Pond bund development at Village



Pond bund development at Village- Karhi





Pond cleaning at Khapradih



Pond deeping at Chandi village

Sharma

<p>CC007578133IN IVR:676700757813 RP BALODA BAZAR SO <493332> Counter No:1.02/11/2018.14:34 To:THE DIRECTOR, MINISTRY OF ENVI PIN:440001, Nagpur GPO From:ANNEESH KR.,SRCP B BAZAR Wt:300gms Amt:36.00(Cash) <Track on www.indiapost.gov.in> < Dial 1800 266 6868 ></p>	<p>भारतीय डाक  India Post (884)</p>
<p>CC007578147IN IVR:676700757814 RP BALODA BAZAR SO <493332> Counter No:1.02/11/2018.14:34 To:THE IN CHARGE,INCPAL PIN:462003, C.T.T.Nagar H.O From:ANNEESH KR.,SRCP B BAZAR Wt:300gms Amt:36.00(Cash) <Track on www.indiapost.gov.in> < Dial 1800 266 6868 ></p>	<p>भारतीय डाक  India Post (885)</p>

1
Annexure

Avnessh chauhan

From: Avnessh chauhan <chauhanak@shreecement.com>
Sent: 02 November 2018 12:00
To: 'apccfcentral-ngp-mef@gov.in'; 'cpcb.bhopal@gmail.com' (cpcb.bhopal@gmail.com); 'hocecb@gmail.com' (hocecb@gmail.com)
Cc: R Bhargava (BhargavaR@shreecementltd.com); 'R K Vijay' (vijayrk@shreecementltd.com); 'Anil Jain' (environment@shreecementltd.com)
Subject: Six Monthly MoEF&CC Compliance Report- Mine (period April 18- September 18)- by Shree Raipur Cement Plant - Balodabaaar- Bhatapara (Chhattisgarh)
Attachments: Half yearly EC Compliance Report (Apr-18 to Sep-18)-Mine.pdf

Sirs,

Please find enclosed herewith MoEF & CC Six Monthly Compliance Report of Mine - period from April-2018 to September-2018. As per given Environment Clearance to us vide letter No.- F. No J-11015/159/2014-IA.II(M) dated 30.03.2017

Hard copy of this MoEF & CC Six Monthly Compliance report being send to all thru courier.

Hope your will find this is in order.

Thanks & Regards

Avneesh Kumar Chauhan
Sr. Manager- Environment Dept.
Shree Raipur Cement Plant
(A unit of Shree Cement Ltd.)
Village- khaparadih, Tehsil – Simga
Dist.- Baloda Bazar- Bhatapara (C.G.)
Mobile no - 7024260999



कार्यालय वनमण्डलाधिकारी बलौदाबाजार, वनमण्डल बलौदाबाजार

✉ Email:- dfo_balodabazar@rediffmail.com ☎ 07727-223526



क्रमांक / व.त.अ. / खनिज / 3078

बलौदाबाजार, दिनांक 06/08/2018

प्रति,

✓ संयंत्र प्रमुख
श्री रायपुर सीमेंट प्लांट
(A unit of Shree Cement Limited)
ग्राम- खपराडीह, तह. सिमगा,
जिला- बलौदाबाजार-माटापारा (छ.ग.)

विषय :- To issue letter regarding that there is no significant impact predict in surrounding Reserve Forest due to project establishment near Village Khapradih, Tehsil- Simga in District- Baloda Bazar-Bhatapara (Chhattisgarh) by Shree raipur Cement Plant (A unit of Shree Cement Limited)

संदर्भ :- आपका पत्र क्रमांक / SRCP/BB/2017-18/59 दिनांक 07.07.2017

— 00 —

उपरोक्त विषयांतर्गत संदर्भित पत्र के तारतम्य में यह प्रमाणित किया जाता है कि ग्राम खपराडीह में संचालित श्री रायपुर सीमेंट प्लांट (A unit of Shree Cement Limited) एवं ग्राम भरुवाडीह-सेमराडीह में श्री लाईम स्टोन माईन के संचालित गतिविधियों से संयंत्र एवं माईन्स के आस-पास स्थित आरक्षित वन क्षेत्र एवं वन्य जीव-जन्तुओं पर किसी प्रकार का कोई दुष्प्रभाव पड़ने की संभावना नहीं है।

वनमण्डलाधिकारी

बलौदाबाजार वनमण्डल, बलौदाबाजार

पृ० क्रमांक / व.त.अ. / खनिज / 3580

बलौदाबाजार, दिनांक 06/08/2018

प्रतिलिपि :-

उप वनमण्डलाधिकारी बलौदाबाजार की ओर उनके पत्र क्रमांक / 1088 दिनांक 31-8-2018 के संदर्भ में सूचनार्थ अग्रेषित।

वनमण्डलाधिकारी

बलौदाबाजार वनमण्डल, बलौदाबाजार

Annexure-19
Shree Raipur Cement Plant
(A unit of Shree Cement Limited), Khapradih, Distt- Balodabazar
CSR Work Done (October 2018 to March 2019)

S No		Particulars of CSR activity undertaken	Expenditure (in Rupees)
A		<u>Eradicating hunger, poverty and malnutrition, promoting preventive health care and sanitation and making available safe drinking water</u>	
	A1A	Arranging health camps and provisions of medicines and other facilities including financial assistance for arranging health camps	12,333
	A3A	Arrangement of Surgical bed, surgical instruments, weight machines, glucometer, dustbins at Village- Khapradih	15,075
	A6A	Sweet Distribution on occasion of Deepawali to needy people	5,86,629
	A8A	Arranging supply of drinking water through installation of water tanks and water huts and construction/ repairing of existing water systems	53,024
	A	TOTAL EXPENDITURE (SUB-HEAD- A)-CSR001	6,67,061
	A		
B	BA	<u>Promoting education, including special education and employment enhancing vocation skills specially among children, women, elderly and the differently abled and livelihood enhancement projects (inc. consumer education and awareness)</u>	
	B7A	School Bags for students of nearby schools	6,000
	B8A	Supply of Bench-Desk, Office table, dari, wall clock, sports items etc to schools at nearby Villages.	1,30,319
	B13A	Promoting and creating awareness among general public about CSR works at nearby areas	35,949
	A	TOTAL EXPENDITURE (SUB-HEAD- B)-CSR002 & 007	1,72,268.30
	A		
C	CA	<u>Promoting gender equality, empowering women, setting up homes and hostels for women and orphans; setting up old age homes, day care centers and such other facilities for senior citizens and measures for reducing inequalities faced by socially and economically backward groups</u>	
	C3A	Distributing of earning equipments like Sewing machine / Tools / instruments etc to needy people	32,048
	C5A	Bhagwat path by women of near by villages	21,000
	C8A	Construction of Vrudhashram (old age home) at Balodabazar	1,18,106
	A	TOTAL EXPENDITURE (SUB-HEAD - C)-CSR003	1,71,154.42
	A		
D	DA	<u>Ensuring environmental sustainability, ecological balance, protection of flora and fauna, animal welfare, agroforestry, conservation of natural resources and maintaining quality of soil, air and water</u>	
	D1A	Expenses on purchase of saplings/ plants for distribution to villagers/ nearby localities / schools for plantation with tree guards and labour expenses.	20,98,870

Shrin

S No		Particulars of CSR activity undertaken	Expenditure (in Rupees)
	A	TOTAL EXPENDITURE (SUB-HEAD - D)-CSR006	20,98,869.89
E	EA	<u>Protection of national heritage, art and culture including restoration of buildings and: sites of historical importance and works of art; setting up public libraries; promotion and development of traditional arts and handicrafts;</u>	
	E8A	Other Expenses on promotion of Art and Culture by associating with various agencies by sponsorship, support, contribution, etc.	3,42,534
	A	TOTAL EXPENDITURE (SUB-HEAD - E)-CSR013	3,42,534.00
F	FA	<u>Training to promote rural sports, nationally recognized sports, Paralympic sports and Olympic sports</u>	
	A	TOTAL EXPENDITURE (SUB-HEAD - F)-CSR012	-
G	GA	<u>Rural development projects</u>	
	G1A	Construction of community halls and muktidhams at nearby villages	15,11,807
	G2A	Construction and leveling of CC/Murum roads of nearby villages	27,29,645
	G4A	Construction of retaining boundary of pond ladder, pond cleaning	26,298
	G5A	Construction of various structures like boundary walls, school boundary, toilets, stay rooms, street lights etc. in nearby villages	5,42,100
	G6A	Construction of Waiting Sheds, school walls, temples etc	1,43,143
	G6B	Bus stop upgradation to nearby areas	-
	G7A	Construction of Shani Temple at Banjari Dham	1,60,762
	G8B	Expenses on construction of Shiv Mandir boundary wall at Balodabazar as per request of Collector	2,16,950
	A	TOTAL EXPENDITURE (SUB-HEAD - G)-CSR008	53,30,705
H	HA	Overheads related to CSR activities (maximum upto 5% of total CSR expenses)	
	H1A	Salaries paid to employees engaged in CSR work	10,23,206
	H2A	Gate installation during CM visit	40,000
		TOTAL EXPENDITURE (SUB-HEAD - H)-CSR010	10,63,206
			98,45,799

1
Abhinav

Expenditure incurred on the mines environment protection measures - October 2018 to March 2019		
SN	Work	Amount (Lakh)
1	Plantation	42.5
2	Water Sprinkling system for dust supression	21
3	Water tanker	33
4	Air Pollution Maintenance	0.47
5	Installation of Covered belt Conveyor	920
6	Env. Monitoring	0.74
7	Bag filter maintenance	29
8	Technical Consultancy	1.5
Total		1048.21

1
Miner

SRCP/BB/2017-18/10

Date:-10/04/2017

श्रीमान् सरपंच महोदय,
ग्राम पंचायत-भरुवाडीह
तहसील-बलौदा बाजार
जिला-बलौदाबाजार-भाटापारा (छत्तीसगढ़)

विषय : श्री सीमेन्ट लिमिटेड चूना पत्थर खदान की पर्यावरण स्वीकृति बाबत।
महोदय,

मेसर्स श्री सीमेन्ट लिमिटेड के चूना पत्थर खदान जो कि ग्राम-सेमहराडीह एवं भरुवाडीह, तहसील-बलौदाबाजार, जिला-बलौदाबाजार-भाटापारा, छत्तीसगढ़ में स्थित हैं, की क्षमता विस्तार 4.8 मिलियन टन प्रतिवर्ष से 8.6 मिलियन टन प्रतिवर्ष की पर्यावरण स्वीकृति भारत सरकार के पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय नई दिल्ली द्वारा पर्यावरणीय स्वीकृति पत्र क्रमांक F. No. J-11015/159/2014- IA. II (M) दिनांक 30 मार्च 2017 को दी गई है तथा पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय की वेब साइट www.environmentclearance.nic.in पर दिनांक 06. अप्रैल 2017 को उपलब्ध कराई गई है।

पर्यावरण स्वीकृति पत्र की प्रतिलिपि छत्तीसगढ़ पर्यावरण संरक्षण मण्डल, रायपुर पर उपलब्ध है तथा श्री सीमेन्ट की वेब साइट "www.shreecementltd.in" पर भी उपलब्ध हैं।

जिसकी एक प्रति आपकी सूचनाार्थ संलग्न की जा रही हैं।

धन्यवाद सहित,

वास्ते: श्री सीमेन्ट लिमिटेड (श्री रायपुर सीमेंट प्लांट)

राजेश कुमार विजय
सहायक-उपाध्यक्ष (ऑपरेशन)

संलग्न- उपरोक्तानुसार

Palani
Sharma
11/04/17
संलग्न
श्री रायपुर सीमेंट प्लांट

SRCP/BB/2017-18/09

Date:-10/04/2017

श्रीमान् सरपंच महोदय,
ग्राम पंचायत-सेमहराडीह
तहसील-बलौदाबाजार
जिला-बलौदाबाजार-भाटापारा (छत्तीसगढ़)

विषय: श्री सीमेन्ट लिमिटेड चूना पत्थर खदान की पर्यावरण स्वीकृति बाबत।

महोदय,

मेसर्स श्री सीमेन्ट लिमिटेड के चूना पत्थर खदान जो कि ग्राम-सेमहराडीह एवं भरुवाडीह, तहसील-बलौदाबाजार, जिला-बलौदाबाजार-भाटापारा, छत्तीसगढ़ में स्थित हैं, की क्षमता विस्तार 4.8 मिलियन टन प्रतिवर्ष से 8.6 मिलियन टन प्रतिवर्ष की पर्यावरण स्वीकृति भारत सरकार के पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय नई दिल्ली द्वारा पर्यावरणीय स्वीकृति पत्र क्रमांक F. No. J-11015/159/2014- IA. II (M) दिनांक 30 मार्च 2017 को दी गई है तथा पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय की वेब साइट www.environmentclearance.nic.in पर दिनांक 06. अप्रैल 2017 को उपलब्ध कराई गई है।

पर्यावरण स्वीकृति पत्र की प्रतिलिपि छत्तीसगढ़ पर्यावरण संरक्षण मण्डल, रायपुर पर उपलब्ध है तथा श्री सीमेन्ट की वेब साइट "www.shreecementltd.in" पर भी उपलब्ध हैं।

जिसकी एक प्रति आपकी सूचनार्थ संलग्न की जा रही हैं।

धन्यवाद सहित,

वास्ते: श्री सीमेन्ट लिमिटेड (श्री रायपुर सीमेंट प्लांट)

राजेश कुमार विजय
सहायक-उपाध्यक्ष (ऑपरेशन)

ग्राम पंचायत, सेमहराडीह
जनपद पंचायत, बलौदाबाजार
जि. बलौदाबाजार-भाटापारा (छ.ग.)

संलग्न- उपरोक्तानुसार

F. No. J-11015/159/2014-IA.II (M)
Government of India
Ministry of Environment, Forest and Climate Change
Impact Assessment Division

Speed Post

3rd Floor, Vayu Wing,
Indira Paryavaran Bhawan,
Jorbagh Road, Aliganj,
New Delhi-110 003

Dated: 30th March, 2017

To,

M/s Shree Cement Ltd.

Post Box No. 33, Bangur Nagar,
Andheri Deori, Beawar,
District Ajmer, Rajasthan-305901
Fax: 01462-228117

E-mail : bhargavr@shreecementltd.com

Sub.: Limestone Mine with enhancement of production capacity from 4.8 Million TPA to 8.6 Million TPA by M/s Shree Cement Ltd., located near village Semaradih & Bharuwadhih, Tehsil Balodabazar, District Balodabazar Bhatapara, Chhattisgarh (MLA: 531.126ha)- Environmental Clearance regarding.

Reference: Online Application IA/CG/MIN/23180/2014

Sir,

This has with reference to the online application for above mentioned proposal of Environmental Clearance for Limestone Mine with enhancement of production capacity from 4.8 Million TPA to 8.6 Million TPA. The mine is located at Villages - Semaradih & Bharuwadhih, Tehsil- Balodabazar, District- Balodabazar - Bhatapara, Chhattisgarh in the mine lease area of 531.126ha. Study area falls between 21°34' 36" N to 21°37' 06" N and 82°03'12" E to 82°06' 12" E on the Survey of India Toposheet No. 64 K/2. The Project is located in Seismic zone-II.

2. The ToR was issued by the Ministry vide letter of even no. dated 12th August, 2014. Further, it was amended vide letter of even no. dated 28.09.2015. The EIA/EMP report has been submitted online to the Ministry for seeking Environmental Clearance. The proposal of EC was appraised before the EAC in its meeting held during August 22-23, 2016 wherein the Committee recommended the Proposal for Environmental Clearance for expansion of production from 4.8 Million TPA to 8.6 Million TPA over the mine lease area of 531.126 ha. The proposal was examined and accordingly the Ministry vide letter of even no. dated 25.10.2016 requested the project proponent to submit the information w.r.t. modified mining plan and intersecting of ground water table. In this context, the project proponent vide letter dated 28.10.2016 & 03.02.2017 has submitted the requisite information.

3. The Earlier Environmental Clearance was accorded to the project for production capacity 4.8 million TPA vide letter no. J-11011/235/2008- IA II (I) dated

Environmental Clearance to M/s Shree Cement Ltd.

7th March 2011 and amended dated 1st June, 2011 and 4th February, 2015. Compliance Report of the existing EC has been certified by Regional Office (West Central Zone), Nagpur, vide letter no. 5-11/2011 (Env)/1177, dated 05.10.2015. The compliance report was discussed in the meeting and it was found that the compliance is satisfactory.

4. Total mine lease area is 531.126ha. Out of which 452.404ha is agriculture land and 78.722ha is waste land. This is an existing Limestone mining project with proposed expansion in Limestone production capacity from 4.8 million TPA to 8.6 million TPA. The Modified Mining Plan with Progressive Mine Closure Plan for 531.126 ha area has been approved by Regional controller of Mines, Indian Bureau of Mines (IBM), vide their letter no. Balodabazar/ Chu P/ MP/ Nagpur/ 2015/29 – Raipur dated 13.07.2016. IBM vide letter dated 18.11.2016 mentioned that there is no material technical difference between the draft modified mining plan *vis-a-vis* approved modified mining plan. The Mining is being carried out by fully mechanized opencast method by a combination of shovel and dumper with drilling & blasting. Heavy Earth Moving Machines will also be used. Limestone from Mine is being transported up to the crusher by dumpers and to cement plant via pipe belt conveyor. Life of Mine is 24 years and total minable reserves are 203.2 million tones. At the conceptual stage, out of the total mining lease area (531.126ha), total mined-out area will be 387.1ha, out of which 277.1ha area will be converted in to water reservoir and remaining 110ha area will be backfilled. Green belt/ plantation will be done on 176 ha area. Out of total Green belt area (176ha), 110ha area comes under backfilled area, 21 ha area of waste dump and on 45ha area comes under afforestation on barrier zone along lease boundary.

5. The Mining will intersect ground water table. The Central Ground Water Authority (CGWA), vide letter no.21-4(36)/NCCR/CGWA/2008-569, dated: 08.04.2015 & CGWA vide letter no. 21-4(36)/NCCR/CGWA/2008-1270 dated: 06.08.2015 has given the approval. Further, the CGWA, vide letter dated 01.02.2017 has amended the CGWA approval and inter-alia mentioned that "The firm may continue to abstract 3000 m³/day (not exceeding 10,95,000 m³/year) from ground water and dewatering of mine water due to intersection of ground water table through existing fifteen (15) borewells only".

6. The mining lease over an area of 531.126 ha was granted in favour of M/s Shree Cement Limited, vide State Government order no. F-2/32/2003/12 (3), dated 25.03.2008. The mining lease period has been extended upto 50 years from 11.01.2011 to 10.01.2061 as per Section 8A (5) of M.M.D.R. Amendment Ordinance 2015. The mining operation commenced from 12th March, 2015 as Consent to operate was obtained. Total Mining lease area is 531.126 ha, out of which 78.722 ha is Government land and rest 452.404 ha area is Private land. The mining lease area falls in two Villages Semaradih & Bharuwadih. A residential colony is proposed in non-mineral zone of mining lease area. Total area of colony will be 22 Ha out of which 33% area will be developed as green belt. Total residential units will be 751 numbers in 22 ha with built-up area of 111011 sq meter. All required facilities such as school, temple, shopping complex, medical health center, club house, sewage treatment and safe drinking water availability will be provided. Total water requirement for colony will be 415 and domestic waste water will be treated in STP of capacity 300 KLD.

7. Project Proponent reported that there is no National Parks/Wildlife Sanctuaries/Biosphere Reserves/Wildlife Corridors/Tiger/Elephant Reserves are located within the 10 km study area of the mine lease. Application for Authentication of Location map has been submitted to Forest Department vide letter no. SCL/Raipur/EC/2015-16 dated 26.05.2015. There is one Reserved Forest (Dhabadih Reserved Forest at ~ 0.25 km in NE direction) within 10 km radius study area. State Forest Dept. vide letter no. S. No./SDO/Ra/35 dated: 07.12.2010 has confirmed that no forest land falls within the lease area.

8. The baseline data was collected for the period Summer Season (March to May 2015). The analytical results of samples collected for all parameters were found within permissible limits. Public Hearing was conducted on 22nd January, 2016 at Sarvajanik Rangmanch in Village Khapradih, District - Balodabazar - Bhatapara, Chhattisgarh. The Public Hearing was presided over by Shri M. Kalyani, Additional District Collector, Balodabazar - Bhatapara. The issues raised during Public Hearing were also considered and discussed during the meeting, which inter-alia, included impact of blasting, benefit of expansion project and providing assistance for employment. The action plan with budgetary allocation was discussed by the EAC on issue raised during Public hearing.

9. Total cost of the Project is Rs. 74.70 crores. The Capital Cost for environmental protection measures is Rs. 1.00 crore/- & Recurring cost is Rs. 0.30 crore and Expenditure proposed towards CSR activities is Rs. 187.3 Lacs. Project Proponent reported that there is no Litigation/court case is pending against this project.

10. The Ministry of Environment, Forest and Climate Change has examined the proposal in accordance with the Environmental Impact Assessment Notification, 2006 and further amendments thereto and hereby accords the environmental clearance under the provisions thereof to the above mentioned proposal of **M/s Shree Cement Limited for enhancement of production capacity from 4.8 Million TPA to 8.6 Million TPA, located near village Semaradih & Bharuwadhih, Tehsil-Balodabazar, District-Balodabazar Bhatapara, Chhattisgarh in MLA of 531.126ha**, subject to compliance of the followings terms and conditions and environmental safeguards mentioned below:-

A. Specific conditions

- 1) Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court of Chhattisgarh, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.
- 2) **This Environmental clearance is granted subject to necessary permissions for land use to be obtained from the State Govt. of Chhattisgarh before commencing the activities.**
- 3) **The Proponent shall ensure that the canals should not be diverted. The 50m buffer zone on either side of stream/canal in lease area and adjoining to the mine lease area shall be maintained.**
- 4) No mining activities will be allowed in forest area, if any, for which the Forest Clearance is not available.

- 5) The Environmental Clearance is subject to obtaining requisite NBWL Clearance, if any, from the Standing Committee of National Board for Wildlife for Mining project.
- 6) The Project Proponent shall obtain Consent to Operate from the State Pollution Control Board, Chhattisgarh and effectively implement all the conditions stipulated therein.
- 7) The Proponent shall install online Ambient Air Quality Monitoring System and there should be system for display of digital AAQ data within 03 months at least at three locations as per wind direction. Online provisions of pH and turbidity meters at discharge points of STP and ETP and also at water storage ponds in the mining area may be made. Project Proponent should display the result digitally in front of the main Gate of the mine site.
- 8) The Report on six monthly basis on changes in Ground water level and quality shall be submitted to the Regional Office of the Ministry, CGWA and State Pollution Control Board.
- 9) Project Proponent should plant only native species for green belt development. Plantation of local species should be carried out during the Monsoon Season. The project should also implement community Development and Welfare programme in the area of Health, Education and Environmental Protection.
- 10) Proponent shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project and maintain records accordingly; also, Occupational health check-ups for workers having some ailments like BP, diabetes, habitual smoking, etc. shall be undertaken once in six months and necessary remedial/preventive measures taken accordingly. The Recommendations of National Institute for ensuring good occupational environment for mine workers shall be implemented; The prevention measure for burns, malaria and provision of anti-snake venom including all other paramedical safeguards may be ensured before initiating the mining activities.

B. General conditions

- 1). A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment, Forest and Climate Change 5 years in advance of final mine closure for approval.
- 2). No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment, Forest and Climate Change.
- 3). No change in the calendar plan including excavation, quantum of mineral and waste should be made.
- 4). The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of water (surface water and ground water) for the project.

- 5). Mining shall be carried out as per the provisions outlined in mining plan approved by Indian Bureau of Mines (IBM) as well as by abiding to the guidelines of Directorate General Mines Safety (DGMS).
- 6). The project proponent shall carry out scientific investigation in respect of "Blast Induced ground vibration, fly rock & air blast". Based on this study, Project Proponent should design an effective blast design to curb blast induced menace and public annoyance. The Report shall be submitted to the Regional Office of the Ministry.
- 7). The lands which are not owned by Proponent, mining will be carried out only after obtaining the consents from all the concerned land owners as per the provisions of the Mineral Concession Rules, 1960 and MMDR Act, 1957.
- 8). Digital processing of the entire lease area using remote sensing technique shall be carried out regularly once in three years for monitoring land use pattern and report submitted to Ministry of Environment, Forest and Climate Change its Regional Office.
- 9). The critical parameters as per the Notification 2009 such as PM_{10} , $PM_{2.5}$, NO_x , and SO_x etc. in the ambient air within the impact zone, peak particle velocity at 300m distance or within the nearest habitation, whichever is closer shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH and Total Suspended Solids (TSS))]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The circular No. J-20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.
- 10). Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM_{10} and $PM_{2.5}$ such as haul road, loading and unloading point and transfer points. Fugitive dust emissions from all the sources shall be controlled regularly. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board.
- 11). Regular monitoring of ground water level and quality shall be carried out in and around the mine lease by establishing a network of existing wells and constructing new piezometers during the mining operation. The project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. The monitoring shall be carried out four times in a year pre- monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board.
- 12). Regular monitoring of the flow rate of the springs and perennial nallahs flowing in and around the mine lease shall be carried out and records maintain. The

natural water bodies and or streams which are flowing in an around the village, should not be disturbed. The Water Table should be nurtured so as not to go down below the pre-mining period. In case of any water scarcity in the area, the Project Proponent has to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug wall located in village should be incorporated to ascertain the impact of mining over ground water table.

- 13). Regular monitoring of water quality upstream and downstream of water bodies shall be carried out and record of monitoring data should be maintained and submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority, Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board.
- 14). Transportation of the minerals by road passing through the village shall not be allowed. A 'bypass' road should be constructed (say, leaving a gap of at least 200 meters) for the purpose of transportation of the minerals so that the impact of sound, dust and accidents could be mitigated. The project proponent shall bear the cost towards the widening and strengthening of existing public road network in case the same is proposed to be used for the Project. No road movement should be allowed on existing village road network without appropriately increasing the carrying capacity of such roads.
- 15). The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours.
- 16). Main haulage road in the mine should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers. The material transfer points should invariably be provided with Bag filters and or dry fogging system. In case of Belt-conveyors facilities the system should be fully covered to avoid air borne dust; Use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.
- 17). Sufficient number of Gullies to be provided for better management of water. Regular Monitoring of pH shall be included in the monitoring plan and report shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office on six monthly basis.
- 18). There shall be planning, developing and implementing facility of rainwater harvesting measures on long term basis and implementation of conservation measures to augment ground water resources in the area in consultation with Central Ground Water Board.
- 19). The Project Proponent has to take care of gullies formed on slopes. Dump mass should be consolidated with proper filling/leveling with the help of

dozer/compactors.

- 20). The reclamation at waste dump sites shall be ecologically sustainable. Scientific reclamation shall be followed. The local species may be encouraged and species are so chosen that the slope, bottom of the dumps and top of the dumps are able to sustain these species. The aspect of the dump is also a factor which regulates some climatic parameters and allows only species adopted to that micro climate.
- 21). The top soil, if any, shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only and it should not be kept active for a long period of time. The maximum height of the dumps shall not exceed 8m and width 20 m and overall slope of the dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled and afforested. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office on six monthly basis.
- 22). Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly. The drains, settling tanks and check dams of appropriate size, gradient and length shall be constructed both around the mine pit and over burden dumps to prevent run off of water and flow of sediments directly into the river and other water bodies and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and desilted at regular intervals.
- 23). Plantation shall be raised in a 7.5m wide green belt in the safety zone around the mining lease, backfilled and reclaimed area, around water body, along the roads etc. by planting the native species in consultation with the local DFO/Agriculture Department and as per CPCB Guidelines. The density of the trees should be around 2500 plants per ha. Greenbelt shall be developed all along the mine lease area in a phased manner and shall be completed within first five years.
- 24). Project Proponent shall follow the mitigation measures provided in Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or

Habitations and villages are surrounded by the mine lease area", if any, applicable to the project.

- 25). The Project Proponent shall make necessary alternative arrangements, where required, in consultation with the State Government to provide alternate areas for livestock grazing, if any. In this context, Project Proponent should implement the directions of the Hon'ble Supreme Court with regard to acquiring grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded against felling and plantation of such trees should be promoted.
- 26). The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna, if any, 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. A copy of action plan shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office.
- 27). At least 2.5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs and action plan with financial and physical breakup/details shall be prepared and submitted to the Ministry's Regional Office located at Nagpur. Implementation of such program shall be ensured accordingly in a time bound manner.
- 28). Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- 29). 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 ear plugs / muffs.
- 30). Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.
- 31). Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- 32). A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 33). 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 Ministry and its Regional Office.

- 34). The project authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
 - 35). The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment, Forest and Climate Change, its Regional Office, Central Pollution Control Board and State Pollution Control Board.
 - 36). The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
 - 37). A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal.
 - 38). State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/ Tehsildar's Office for 30 days.
 - 39). 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 environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment, Forest and Climate Change at www.environmentclearance.nic.in and a copy of the same should be forwarded to the Regional Office.
11. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
 12. 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.
 13. 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 and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Chhattisgarh and any other Court of Law relating to the subject matter.

14. 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.

Yours faithfully,


(Surendra Kumar)
Director (S)

Copy to:

- (i) The Secretary, Ministry of Mines, Government of India, Shastri Bhawan, New Delhi-110 001.
- (ii) The Secretary, Department of Environment, Government of Chhattisgarh.
- (iii) The Secretary, Department of Mines and Geology, Government of Chhattisgarh, Chhattisgarh.
- (iv) The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cumoffice complex, East Arjun Nagar, Delhi-110032
- (v) The Chairman, Chhattisgarh Environment Conservation Board, Nanak Niwas, Civil Lines, Raipur, Chhattisgarh.
- (vi) The Additional Principal Chief Conservator of Forests Regional Office (WCZ), Ministry of Environment, Forest and Climate Change, Nagpur.
- (vii) The Controller General, Indian Bureau of Mines, Indira Bhavan, Civil Lines, Nagpur-440 001.
- (viii) The Member Secretary, Chhattisgarh State Pollution Control Board, Commercial Complex, Chhattisgarh Housing Board Colony, Kabir Nagar, Raipur, Chhattisgarh.
- (ix) The Member Secretary, Central Ground Water Authority, A2, W3 Curzon Road Barracks, K.G. Marg, New Delhi-110001.
- (x) The Chief Wildlife Warden, Govt. of Chhattisgarh, Aranya Bhavan, Jail Road, Fafadih Chowk, Raipur - 492001.
- (xi) The District Collector, Balodabazar Bhatapara District, Chhattisgarh.
- (xii) Guard File
- (xiii) MoEFCC Website.


(Surendra Kumar)
Director (S)

रायपुर, शुक्रवार 7 अप्रैल 2017
hanbhoomi.com

देश-विदेश हरिभूमि 03



नई दिल्ली। विदेशी जेलों में इस समय 7 हजार 615 भारतीय नागरिक बंद हैं। इनमें सबसे ज्यादा एक हजार 801 सऊदी अरब और एक हजार 214 संयुक्त अरब अमीरात की जेलों में बंद हैं। राज्यसभा में एक सवाल के जवाब में सरकार ने ये जानकारी दी है। विदेश राज्यमंत्री धीरे सिंह ने बताया कि निजता कानूनों के कड़े प्रावधानों के चलते अमेरिका, कनाडा, ऑस्ट्रेलिया और यूरोप के कई देश अपनी जेलों में बंद भारतीय नागरिकों के बारे में सूचनाएं साझा नहीं करते।

एक-एक इट सपाटा की खड़ा किया, हमारे लिए यह है। खास अवसर पर पीएम भाजपा अध्यक्ष अमित शाह सिंह भाजपा कार्यालय पर उन्होंने पंडित दीनदयाल उपाध्याय प्रतिमा पर माल्यार्पण किया। इस में भाजपा की शांतिदायक स्थापना दिवस और खास उन्होंने कहा कि यह गौरव की बात है और समाज के सभी वर्गों ने भाजपा पर भरोसा जताया है। कार्यकर्ताओं को मंत्र देते हुए पार्टी के लोकसभा और राज्यसभा स्तरों पर प्रतिस्पर्धा के लिए सभी क्षेत्रों में अपने लोकसभा क्षेत्र या अलावा दूसरे लोकसभा क्षेत्र या एक दिन और एक रात बिताएं।

बिग बॉस के विनर ने की सुसाइड की कोशिश



नई दिल्ली। 'बिग बॉस कन्कड़' सीजन-4 के विजेता रहे प्रथम ने वंगलुरु स्थित घर पर नौद की गोलीबां खाकर जान देने की कोशिश की। हालांकि खराब होने पर उन्हें अस्पताल में भर्ती कराया गया है। प्रथम ने सुसाइड से पहले फेसबुक पर एक लाइव वीडियो भी शेयर किया। इसमें उन्होंने बताया कि वो अपने दोस्त लोकेश से हुई लड़ाई के बाद ऐसा कदम उठाने जा रहे हैं। उन्होंने वीडियो में कहा, मैंने कभी सोचा भी नहीं था कि मैं जिंदगी में कभी सुसाइड की कोशिश करूंगा, लेकिन इसने मुझे बहुत परेशान किया।

संसद परिसर बजा अलार्म,

एजेसी ७ नई दिल्ली। संसद परिसर में उस समय हड़कप मचा गया जब अचानक ही सुरक्षा अलार्म बजने लगा गया। सुरक्षा जवानों ने झट से अपनी पोजीशन संभाल ली। ऐसे अलार्म सुन कर सांसद भी घबरा गए। दरअसल ऐसा अलार्म किसी हमले के मद्देनजर बजता है। सूत्रों के मुताबिक गुरुवार को संसद के गेट से अचानक एक अज्ञात वाहन टकरा गया। वाहन के गेट से टकराते ही पूरे परिसर में किसी हमले के मद्देनजर बजने

दूर से ही कर पाएंगे ताज पर्यटकों द्वारा दीवार छूने से गंदी हो जाती है

मोहब्बत की निशानी ताजमहल जिसे देखकर हर कोई उसकी चमक का कायल हो जाता है अब उस संगमरमर की खूबसूरत इमारत को पर्यटन केवल दूर से ही देख पाएंगे। सात अनुबं में शामिल ताजमहल को देखने के लिए दुनिया भर के पर्यटक भारत आते हैं। लेकिन अब ताजमहल की देखरेख करने वाले विभाग एसआइ ने ताज की दीवारों से दूर रखने का नया फैसला किया है। इसका मतलब यह है कि अब पर्यटक केवल दूर से ही ताज का दीवार कर पाएंगे लेकिन उसे छू नहीं पाएंगे। ये सारी कबाबत संगमरमरी इमारत को प्रदूषण और गंदगी से बचाने के लिए की जा रही है।



नियमित रूप से चलाया जाएगा।
कॉन्क्रेट के - निरोग आयुर्वेदिक सेंटर हमीरपुर, हिमाचल प्रदेश, 94594-92921
94594-92922, 94594-92923, 94594-92924, www.nirogayurvedic.com

मेसर्स श्री सीमेन्ट लिमिटेड
की रायपुर सीमेंट प्लांट
रायपुर - केन्द्रीय रोड एवं मकानवासी, तहसील - बलौदाबाजार
जिला - बलौदाबाजार - भादवा (छत्तीसगढ़)

सार्वजनिक सूचना

हमारे कारखाने को सूचित किया जाता है कि मेसर्स श्री सीमेन्ट लिमिटेड के मृता कचरा कचरे को कि रूप - सेहराडी एवं भलवाडी, तहसील - बलौदाबाजार, जिला - बलौदाबाजार - भादवा, छत्तीसगढ़ में स्थित है, की क्षमता विसंसार 4.8 मिलियन टन प्रतिवर्ष से 2.6 मिलियन टन प्रतिवर्ष की पर्यावरण सहीकृति भारत सरकार के अधिनियम, वन एवं जलवायु परिवर्तन मंत्रालय नई दिल्ली द्वारा प्रमाणित परीक्षण कर क्रमांक F.No. J-11015/159/2014-IA. II (M) दिनांक 04 मार्च 2017 को दी गई है तथा पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय की वेबसाइट www.environmentclearance.nic.in पर दिनांक 06 अप्रैल 2017 को प्रकाशित किया गया है।

प्रमाणित परीक्षण कर की प्रतिलिपि छत्तीसगढ़ पर्यावरण संरक्षण मण्डल, रायपुर पर उपलब्ध है तथा श्री सीमेन्ट की वेबसाइट www.shreecementltd.in पर भी उपलब्ध है।

क्या आप जानते हैं ?
हमारे बाल हररोज विविध प्रकार के सूक्ष्म प्रहारों को जेलते हैं ? जैसेकी

हम जब समस्याओं के शिकार हैं ? जैसेकि बालों का झड़ना, रक्त-वेजान, अत्यधिक चर्बल बाल यदि आप अपने बालों को इन समस्याओं से बचना चाहते हैं तो आपको हमारा है। हमारा बालों को पोषण देकर उन्हें मजबूत बनाता है।

सम्पूर्ण भारतीय

हमारे बालों को UV किरणों, बाल बालों की अत्यधिक लंबाई, कमिशन यहाँ तक कि वे हमारे बालों को उखाड़ते हैं।

हमारे बालों को पोषण देकर उन्हें मजबूत बनाता है।

100% SOLUTION FOR HAIR PROBLEMS

- झड़ते बाल
- कमजोर बाल
- रुखे एवं वेजान बाल
- रुसी

जो दिनों से हैं बालों के लिए, हमें बालों को पोषण देकर उन्हें मजबूत बनाता है। हमारे बालों को पोषण देकर उन्हें मजबूत बनाता है। हमारे बालों को पोषण देकर उन्हें मजबूत बनाता है।

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BRIEFS

Fresh case against Bhushan for tweet on Lord Krishna

MUZAFFARNAGAR, Apr 6 (PTI)

LAWYER-POLITICIAN Prashant Bhushan has been booked here for hurting religious sentiments over his "offensive" remarks against Lord Krishna.

The case was on Wednesday evening registered on the basis of a complaint by Akhil Bharat Hindu Maha Sabha President Yogendra Verma at civil lines police station, police said.

Verma alleged that religious sentiments of many people were hurt by the Swaraj Abhiyan founder's remarks against Lord Krishna. "Romeo loved just one lady, while Krishna was a legendary eve-teaser. Would Adityanath have the guts to call his vigilantes anti-Krishna squads?" Bhushan had tweeted on Sunday while criticising the 'anti-Romeo' drive in UP.

He had, however, apologised for his remarks and deleted the controversial tweets.

Cop killed on being hit by tractor

RAJAHMUNDRAPURAM, Apr 6 (PTI)

A 33-YEAR-OLD constable was killed when his bike was hit by a tractor while he was returning home from work, a police official said.

The accident took place on Thursday night near the Gokavaram police station in East Godavari district when the tractor, coming from the opposite direction, hit the motorcycle of constable Yeraa Srinivas while he was crossing the road and going

It may hit Expert

■ Cited, US Embassies around the world have started accepting next year's petitions from April 3. "In the past years, we have seen that H-1Bs (65,000 regular quota plus 20,000 for masters degree) hit within a couple of weeks; on account of lower application and higher scrutiny this might not be the case," the jeffries reported. In fact, said, given the recent layoffs made by companies, it is safe to assume that applications from larger Indian IT would be more significantly in the lower end buckets.

THE negative on sentiment, import in the past has adjusted have model to the changing immigration landscape. Given the low unemployment rates in the US, immigration forms will have to balance by leftism and business need.



Member clash last year, in Mathura killed in an armed conflict

4 held with charas: POLICE has arrested four people, including two from Mumbai, after allegedly recovering 36 kg of cannabis from their possession in separate incidents in Samba and Jammu districts of Jammu and Kashmir.

On an information about narcotic smuggling, a surprise checkpoint was set up at Mansar Morh on the highway in Samba district and search conducted on all vehicles coming from Srinagar. Soon police intercepted a truck, which was on way from Srinagar to Delhi and recovered 23 kg charas from drivers of the truck. (PTI)

मेसर्स श्री सीमेन्ट लिमिटेड

श्री रायपुर सीमेंट प्लांट
ग्राम- सेम्हाडीह एवं भरुवाडीह, राहसील- बलीदाबाजार
जिला- बलीदाबाजार - भाटापारा (छत्तीसगढ़)

सार्वजनिक सूचना

श्री सीमेन्ट लिमिटेड को भवित किया जाता है कि मेसर्स श्री सीमेन्ट लिमिटेड के भूत मर्याद खदान जो कि ग्राम- सेम्हाडीह एवं भरुवाडीह, राहसील- बलीदाबाजार, जिला- बलीदाबाजार- भाटापारा, छत्तीसगढ़ में स्थित है, की क्षमता विस्तार 4.0 मिलियन टन प्रतिवर्ष से 8.0 मिलियन टन प्रतिवर्ष की पर्यावरण रवीकृति भारत सरकार के पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय नई दिल्ली द्वारा पर्यावरणीय स्वीकृति पत्र क्रमांक F. No. J-11015/159/2014-IA, II (M) दिनांक 30 मार्च 2017 को दी गई है तथा पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय की वेबसाइट www.environmentclearance.nic.in पर दिनांक 08 अप्रैल 2017 को उपलब्ध कराई गई है।

पर्यावरण रवीकृति पत्र की प्रतिलिपि छत्तीसगढ़ पर्यावरण संरक्षण मण्डल, रायपुर पर उपलब्ध है तथा श्री सीमेन्ट की वेबसाइट www.shreecementltd.in पर भी उपलब्ध है।

CHDCL		छत्तीसगढ़ स्टेट पावर डिस्ट्रीब्यूशन कंपनी लिमिटेड			
CHHATTISGARH STATE POWER DISTRIBUTION COMPANY LTD.		छत्तीसगढ़ स्टेट पावर डिस्ट्रीब्यूशन कंपनी लिमिटेड			
PUBLIC NOTICE					
Chhattisgarh State Power Distribution Company Limited has submitted petition for fix-up of FY 2016-17, re-determination of AAR for 2017-18 and Rate set for FY 2017-18 before the Hon'ble Chairman, State Electricity Regulatory Commission, The Hon'ble Commission in exercise of powers conferred to it under section 12 of Electricity Act, 2003 and under the LT & HT tariff for FY 2017-18 as per Tariff Order dated 31-03-2017. The tariff is applicable with effect from 01-04-2017, which is stated below:-					
1. LT TARIFF:					
Sl. No.	Category of consumers	Units Slab	Fixed charges (Rs./Kwh)	Energy charges (Rs./KWh)	Minimum charges irrespective of actual energy consumption
1.1	Domestic	0-40	2.50 per unit	1.50	Single phase Rs. 4.00 p.u.
1.2	Domestic	41-200 units	2.00 per unit	1.50	Single phase Rs. 3.50 p.u.
1.3	Domestic	201-600 units	1.50 per unit	1.50	Single phase Rs. 3.00 p.u.
1.4	Domestic	601 and above	1.00 per unit	1.50	Single phase Rs. 2.50 p.u.
1.5	Non-Domestic	0-100 units	Rs. 75 per KWh	5.75	Fixed charge is monthly minimum charge
1.6	Non-Domestic	101-500 units	per month up to 3 KWh	5.75	Fixed charge is monthly minimum charge
1.7	Non-Domestic	501 and above units	Rs. 125 per KWh per month above 3 KWh	5.75	Fixed charge is monthly minimum charge
1.8	Non-Domestic	Commercial	Demand based on contract demand of 15 to 75 KW	5.75	Fixed charge is monthly minimum charge
1.9	Agriculture	Minimum supply	Rs. 60 per month	4.00	Fixed charge is monthly minimum charge
1.10	Agriculture	Alotment	Up to 100 HP or 75 KW	5.75	Fixed charge is monthly minimum charge
1.11	Agriculture	Commercial	Demand based on contract demand of 15 to 75 KW	5.75	Fixed charge is monthly minimum charge
1.12	Industry	Flow Meter	Flow Meter	4.00	Fixed charge is monthly minimum charge
1.13	Industry	Flow Meter	Flow Meter	4.00	Fixed charge is monthly minimum charge
1.14	Industry	Flow Meter	Flow Meter	4.00	Fixed charge is monthly minimum charge
1.15	Industry	Flow Meter	Flow Meter	4.00	Fixed charge is monthly minimum charge
1.16	Industry	Flow Meter	Flow Meter	4.00	Fixed charge is monthly minimum charge
1.17	Industry	Flow Meter	Flow Meter	4.00	Fixed charge is monthly minimum charge
1.18	Industry	Flow Meter	Flow Meter	4.00	Fixed charge is monthly minimum charge
1.19	Industry	Flow Meter	Flow Meter	4.00	Fixed charge is monthly minimum charge
1.20	Industry	Flow Meter	Flow Meter	4.00	Fixed charge is monthly minimum charge

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