



RCCPL Private Limited  
Village- Bharauli, Post – Itahara  
Tehsil – Maihar, District – Satna  
Pin – 485773 Madhya Pradesh

RCC/ENV/ECC(IU)/F-C1/2025 (1)

Date: 1<sup>st</sup> June, 2025

To,  
**Ministry of Environment, Forest & Climate Change**  
Regional Office (Western Zone)  
Government of India  
"Kendriya Paryavaran Bhavan"  
Link Road No.3, E-5, Ravishankar Nagar  
Bhopal – 462016 (M.P.)

**Subject:** Limestone Mining Project of M/s Reliance cement Co. Pvt. Ltd. Environmental Clearance vide letter No. J-11015/304/2010-IA.II (M) dated 14<sup>TH</sup> Feb, 2014 at Village Bandhi – Ghorwai, Tehsil Maihar, Dist. Satna in Madhya Pradesh (129.802 ha) – Compliance Report.

Dear Sir,

This has reference to Environmental Clearance vide letter No. J-11015/304/2010-IA.II (M) dated 14<sup>TH</sup> February, 2014. We are submitting six monthly compliance reports along with this letter for your kind perusal.

We hope this is in order please.

Yours Faithfully,

For **RCCPL Pvt. Ltd.**

**P K Chaudhary**  
Plant Head

Cc:  
**Zonal Officer**  
Central Pollution Control Board  
Zonal Office (Central)  
3<sup>rd</sup> Floor, Sahkar Bhawan,  
North T.T. Nagar, Bhopal – 462 003

**Director (Non-Coal Mining)**  
Ministry of Environment, Forest & Climate Change  
Vayu Wing, Indira Paryavaran Bhawan,  
Jor Bagh Road, Ali Ganj,  
Delhi-110 003

**Regional Officer – MP Pollution Control Board**  
Maihar - Amarpatan Bypass, Satna  
Satna (MP)

**Member Secretary**  
MP Pollution Control Board  
E-5, Arera Colony, Paryavaran Parisar  
Bhopal - 462016

## Environmental Clearance Compliance

M/s RCCPL, Pvt. Ltd.

(Bandhi – Ghorwai Mines – 129.802)

Tehsil – Maihar, Dist Satna (MP)

As per Environmental Clearance vide letter No. J-11015/304/2010-IA.II(M)  
dated 14<sup>th</sup> Feb, 2014

S. N.	Conditions	Compliance as on
A.	<b>Specific Conditions</b>	
i	Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project.	Wild life clearance not applicable
ii	No mining activities will be allowed in forest area, if applicable, for which the Forest Clearance is not available.	Noted for compliance. No forest in mine area.
iii	The project proponent shall obtain Consent to Operate from the State Pollution Control Board, Madhya Pradesh and effectively implement all the conditions stipulated therein.	Consent to operate obtained from MPPCB. Consent no. AW 60066 dt. 30.04.2024. Valid up to 28.02.2026. Covering letter copy enclose as <b>Annexure - 1</b>
iv	The mining operations shall be restricted to above ground water table and it should not intersect groundwater table. In case of working below groundwater table, prior approval of the Ministry of Environment and Forests and Central Ground Water Authority shall be obtained, for which a detailed hydro-geological study shall be carried out.	Mining being done above ground water table as per approved mining plan.
v	Dimension of the retaining wall at the toe of over burden dumps and OB benches within the mine to check run-off and siltation shall be based on the rain fall data.	Retaining wall constructed at the toe of soil dumps. Photographs submitted with compliance of June 2016.
vi	Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented. Drills shall either be operated with dust extractors or equipped with water injection system.	Blasting being done during day time. Control blasting is in practiced by using non-electric shock tube detonators. Drin machine equipped with water injection and dust extractors system.



vii	The proponent shall complete all the tasks as per the action plan submitted with the budgetary provisions during the public hearing held on 09.09.2011.	Activities going on as per action plan submitted – copy of activities done in previous FY is attached as <b>Annexure – 2.</b>
viii	Water sprinkling should be increased at places loading and unloading points & transfer point to reduce fugitive emissions.	Water sprinkling done at loading, unloading points to reduce fugitive emission.
ix	The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and ground water for the project.	Permission obtained from CGWA vide CGWA/NOC/MIN/ORIG/2021/10916
x	Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded.	Vehicular emission is under control and regularly PUC monitoring done for company vehicles. Mineral transportation is carried out through covered truck.
xi	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.	Water sprinkling done on haul roads, loading and unloading points. Haul road maintained regularly. No crusher exist in mines, hence no transfer point / conveyer belt.
<b>B. General conditions</b>		
i	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment & Forests.	No changes in mining technology. Mining being done as per approved mining plan.
ii	No change in the calendar plan including excavation, quantum of limestone mineral and waste should be made.	Noted for compliance
iii	A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure for approval.	Final closure plan along with corpus fund details will be submit before 5 years of final mine closure for approval.
iv	There shall be planning, developing and implementing facility of rainwater harvesting measures on long term basis in consultation with Regional Director, Central Groundwater Board and	Activities going on, dug well depend and cleaned at Govt. Primary Middle School Salaiya village. Photographs submitted wide letter no. RCC/Maihar /MoEF/



	implementation of conservation measures to augment ground water resources in the area in consultation with Central Ground Water Board.	Salaiya/2016 (1) dated 25.01.2016. and in this FY 2019-20 one pond 363.20 Cub. M dinged
V	Regular monitoring of ground water table to be carried out at the upstream and depth of water available in the dug well is to be measured. Monitoring to be done by establishing a network of existing wells and constructing new piezometers.	One set Piezometer (Deep and Shallow) installed and water quality of ground water and surface water monitored.  Report enclosed <b>as Annexure – 3 and Annexure 4.</b>
Vi	The project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations.	Will not be obstructing any natural course / water resources in operations.
vii	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 & Forests and its Regional Office located at Bhopal on six monthly basis.	Catch drain constructed for phase - I area. Over Burden and top soil stacked at earmarked places and top soil will be used for plantation. The maximum height of the dump will not exceed 8m and width 20m and over all slope of the dump will be maintained up at 54°. The native plant species will be develop on OB to prevent erosion and surface runoff. Excavated area will be back filled and afforested as per mining plan. Status report of the same will be submitted to MoEF&CC on six monthly basis.
viii	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	Catch drain constructed in mining area. 2 nos. siltation pond constructed. Collected water utilized for watering in mine area roads and greenbelt development.



	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.	All drains and settling tanks are appropriate size, maintain and desilted periodically.
ix	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. 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.	Greenbelt plan submitted to DFO Satna vide letter RCC/MYR/ECC-GIX/F/2014 Dated 20.10.2014 for consultation /suggestion. Greenbelt will be developed all along the mine lease area in a phase manner. 500 forestry saplings planted at boundary of mine in this monsoon.
x	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.	No perennial nallahs flowing in and around the mine lease. One seasonal nallah pashing along the lease boundary which will not be obstruct. Bund constructed along the nallah to prevent the silt. Flow quality measured during monsoon period only.
xi	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 and Forests, its Regional Office, Bhopal, Central Groundwater Authority, Regional Director, Central Ground Water Board, State Pollution	Monitoring of water quality upstream and downstream water bodies is being carried out and copy of report enclosed <b>as Annexure - 5</b>

	Control Board and Central Pollution Control Board.	
xii	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 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 and Forests and its Regional Office, Bhopal, Central Ground Water Authority and Regional Director, Central Ground Water Board.	Networking of well and water bodies available at core zone and within 5.0km of the lease has been established and 2Nos Piezometer has also been constructed in premises. Ground water level and quality <b>report are attached as Annexure - 6.</b>
xiii	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely leopard, elephant etc. 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. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. All the safeguard measures brought out in the Wildlife Conservation Plan so prepared specific to the project site shall be effectively implemented. A copy of action plan shall be submitted to the Ministry of Environment and Forests and its Regional Office, Bhopal.	Not applicable, Application submitted to MoEF&CC for amendment of condition dated <u>23.05.2014</u> Subsequently we again submitted letter dated 06.09.2014 requesting to issue amended EC as per the discussion and agreement in the 20 <sup>th</sup> Meeting of reconstituted EAC (Non coal Mining) held on 28.05.2014.
xiv	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.	Complied, no major construction work at mines.
xv	Monitoring of Ambient Air Quality to be carried out based on the Notification, as	Ambient air quality monitoring is being carried out at four locations.



	amended from time to time by the Central Pollution Control Board.	Copy of monitoring report is enclosed as <b>Annexure-7</b>
xvi	The critical parameters such as PM10 (size less than 10 micro meter), PM2.5 (size less than 2.5 micro meter), NOX 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 and Forests, which is available on the website of the Ministry <a href="http://www.envfor.nic.in">www.envfor.nic.in</a> shall also be referred in this regard for its compliance.	Ambient air quality monitoring is being carried out at four locations. Copy of monitoring report is enclosed as <b>Annexure -7</b>  Peak particle velocity is being monitored. No discharge water in mine. Data displayed at the suitable location of mines.
xvii	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.	Measures taken as per EMP and PPE's including ear plugs / muffs is provided. AC closed cabin in HEMM.  Noise level measured periodically. Monitoring report are enclosed as <b>Annexure – 8 and 8a.</b>
xviii	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.	No workshop in mine area. Hence, no workshop waste water generated. Existing common facilities like workshop & Oil & grease traps of the adjoining mine at Sadhera is being used.
xix	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.	Dust masks are provided. OHS information and training is being provided periodically.
xx	Occupational health surveillance program of the workers should be undertaken periodically to observe any	Occupational health surveillance program of the workers is undertaken periodically.

	contractions due to exposure to dust and take corrective measures, if needed. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.	
xxi	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.	Separate environmental management cell is set-up under the control of a Unit Head.
xxii	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 located at Bhopal.	Noted for compliance. Report submitted with Environmental Statement.
xxiii	The project authorities should inform to the Regional Office located at Bhopal regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Date of financial closure is 16th April' 12. Development work done as per consent to establish obtained from MPPCB vide latter 7847/TS/Mine/MPPCB/2014 dated 26.11.2014.
xxiv	The Regional Office of this Ministry located at Bhopal 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.	Noted for compliance Full cooperation will be extended to the officers of the Regional Office and required information will be furnished.
xxv	The project proponent shall submit six monthly report on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Bhopal, Central Pollution Control Board and State Pollution Control Board.	Six monthly compliance status report submitted periodically. Previous compliance status report submitted vide no. RCC/Maihar/MoEF&CC/B&G/2024 (1)
Xxvi	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.	Noted for compliance



Xxvii	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.	-
Xxviii	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 and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a> and a copy of the same should be forwarded to the Regional Office of this Ministry located Bhopal.	Complied, Advertisement is published in local newspaper (Dainik Bhaskar and Danik Jagran in Hindi on 24/05/2014). And submitted vide letter no. RCC/Maihar /MoEF/ Salaiya/ dated 15.10.2014.

**Note :** We have submitted letter No. Rel/Env/Ec/mines/MS-1 dated 17.02.2015 to MoEF &CC, New Delhi highlighting few variations in EC's preamble & conditions from submitted documents ( i.e. EIA report, Questionnaire, mining plan & EC presentation), same is given below for your record Please

As per EC	Actual data based on submitted Documents
<b>Under Point 4:</b> Total waste generation after life of mine is 0.216925 million m3	Total waste generation after life of mine is 6.693094 million m3
<b>Under Point 7:</b> Budget for environment protection measures is 86.1 lakhs & towards recurring expenses per annum is 33.6 lakhs	Budget for environment protection measures is 106.0 lakhs & towards recurring expenses per annum is 15.0 lakhs
<b>Under General Cond. vii:</b> Slope of waste dump shall be maintained to 45 <sup>0</sup>	Slope of waste dump shall be maintained to 30 <sup>0</sup>
<b>Under General Cond. ix:</b> Greenbelt development along the mine lease area shall be developed in phase manner within first five years	Greenbelt development shall be done in phase manner till end of mine





## Consent Order



M.P. Pollution Control Board, E-5, Arera Colony, Paryavaran Parisar, Bhopal - 16 MP, Tele :  
0755-2466191, Fax-0755-2463742

RED-LARGE

CCA-Expansion

CONSENT NO: \*\*\*

PCB ID:  
30667

Order No: 120160.30/04/2024

Consent No: AW-60066

The Occupier,

M/s. RCCPL PVT LTD (Old Name - Reliance Cement Co.Pvt.Ltd.)

Lime Stone Mine, Aera: 129.802 hect, Village- Bandhi &amp; Ghorwai Tehsil: Maihar,

Distt: Satna (M.P.) Latitude : 24.0996 Longitude : 80.7329

**Subject:** Grant of Consent to Operate For Expansion under section 25 of the Water (Prevention & Control of Pollution) Act, 1974 under section 21 of the Air (Prevention & Control of Pollution) Act, 1981

**Ref:** Consent to Operate Application R No. 1357877 Dt. 20/02/2024 and last communication received on Dt. 24/02/2024

With reference to your above application for consent to operate has been considered under the aforesaid Acts and existing rules therein. The M. P. Pollution Control Board has agreed to grant consent up to **28/02/2026**, subject to the fulfillment of the terms & conditions, enclosed with this letter and-

### SUBJECT TO THE FOLLOWING CONDITIONS :-

a. Location: Aera: 129.802 hect, Village- Bandhi & Ghorwai Tehsil: Maihar, Distt: Satna (M.P.)

b. Mining Lease area: 129.802 ha,

c. Product & Production Capacity:

Activity / Product	Qty / year
Mining of Lime stone	1.00 Million Ton per year

- (1) For any change in above, industry shall obtain fresh consent from the Board.
- (2) PP shall ensure that mining is done in sanctioned lease area as per valid mining plan approved by Regional Controller of Mines IBM Jabalpur for period till 31.03.2027 vide letter No. RMP-59/21-22 dated 01.02.2022 & in compliance of the conditions laid in EC granted by MOEF&CC vide L. No. J-11015/304/2010/1A.II(M.) dated 14.02.2014 & 24.01.2022.
- (3) PP shall ensure that area within 50 meters from kachcha road & within 100 meters from pucca road shall be reserved for development of plantations and demarcation of such area shall be done by the Revenue Officials in presence of Distt. Mining Authorities. PP shall prepare & get approval for the mining plan from the Competent Authority as per the need.
- (4) PP shall ensure that no mining is done within 100 meters of any residential/public buildings, inhabited sites, protected monuments, heritage sites, National/State highways/District Roads, Railway lines/area, ropeways, bridges, dams/ reservoirs or any other water body. Mining between 100 to 200 meters of such structures shall be done without using explosives & if use of explosives is unavoidable it shall be done as per the specific guidelines of the DGMS & Explosives Department of the GOI. The regulations for danger zone (500 meters) prescribed by Directorate General of Mines Safety shall also be complied compulsorily and necessary measures should be taken to minimise the impact on environment.
- (5) Solid waste generated during mining process shall be stacked at earmarked site which shall be properly surrounded by garland drains & settling pits of adequate sizes so that no Soil/Silt/waste rock is discharged outside the mine lease area/ nearby water body blocking the natural flow of any nallah/river/pond. Top Soil / OB dump shall be biologically reclaimed.
- (6) Evacuation of mineral shall not be through any village or forest area. PP shall provide pucca (Concreted/Ashphalted) approach road from main road to the mine site & ensure thick plantation on both side of this road to prevent dust/noise pollution.
- (7) The dust generated during transportation of mineral & deposited on Approach/Haul roads shall be regularly removed by the road sweeping machines & suppressed by intermittent sprinkling of water on roads using pressurized water tankers of adequate capacity. PP shall practice regular compaction of loose material of haulage road & regular water sprinkling shall be done for control of generated fugitive emissions. Main haulage Road shall be provided with mist forming permanent water sprinklers on both sides to ensure control of dust during mineral transportation.

The Validity of the consent is up to **28/02/2026** and has to be renewed before expiry of consent validity. Online application through XGN with annual license fees in this regard shall be submitted to this office 6 months before expiry of the consent/Authorization. Board reserves the right to amend/cancel / revoke the above condition in part or whole as and when required.

### Enclosures:-

\* Conditions under Water Act\* Conditions under Air Act\* General conditions

CC to :-

1. District Mining Officer, (Mining Section), Collector office, Satna Dist. Satna (M.P.) for information.
2. M.P. State Mining Corporation, Arera Hills, Jail Road, Bhopal (M.P.) for necessary action please.
3. Regional officer, Regional office, MPPCB, Satna (M.P.)

By the order of Chairman, MPPCB

*Signature*  
Digitally Signed with Aadhaar

(Organic Authentication on AADHAR from UIDAI Server)  
TPAV # L4J95435AA

Signature Not Verified  
Digitally Signed by : A. A  
Mishra, Member Secretary  
Date: 30/04/2024 06:21:45 PM

ACHYUT ANAND MISHRA  
Member Secretary



Annexure – 2			
Five Star Rating (Bandhi 2024-25)			
Module 3 - ADDRESSING SOCIAL IMPACT OF R&R REQUIREMENT , COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES			
Support for Drinking Water & Agriculture			
Welfare and social economic development program for local communities	Details of EXP -enditure& Work done during Reporting Year		No. of Beneficiaries
	Proposed	Actual	
Water storage Tank,drinking water,supply facility & irrigation support to agriculture	Exp (in Rs)	Exp (in Rs)	
		176858.60	
	Drinking water tanker during water scarcity	Drinking water tanker during water scarcity	2500
Module 3 - ADDRESSING SOCIAL IMPACT OF R&R REQUIREMENT , COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES			
Support to Health & Medical service			
Welfare and social economic development program for local communities	Details of EXP -enditure& Work done during Reporting Year		No. of Beneficiaries
	Proposed	Actual	
Preventive measures for mitigation of mine related health problem	Exp (in Rs)	Exp (in Rs)	450
		371500.00	
	Aarogya Sakhi Project for Preventive Health Care	Aarogya Sakhi Project for Preventive Health Care	
Promotion of Hygien and Sanitation , public health initiatives	Exp (in Rs)	Exp (in Rs)	
		354000.00	
		Swatch Bhart Program Ponds cleaning	160
Module 3 - ADDRESSING SOCIAL IMPACT OF R&R REQUIREMENT , COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES			
Support to Skill development & Education			
Welfare and social economic development program for local communities	Details of EXP -enditure& Work done during Reporting Year		No. of Beneficiaries
	Proposed	Actual	
Skill development & vocational Training programmes for local communities	Exp (in Rs)	Exp (in Rs)	25
		0.00	
	Awareness on Skills Development for Stitching	Awareness on Skills Development for Stitching	
Welfare and social economic development program for local communities	Details of EXP -enditure& Work done during Reporting Year		No. of Beneficiaries
	Proposed	Actual	
Promotion of Literacy & Education	Exp (in Rs)	Exp (in Rs)	450
		695945.00	
		Renovetion of School building	

**Module 3 - ADDRESSING SOCIAL IMPACT OF R&R REQUIREMENT , COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES**

**Social & Livelihood Support**

Welfare and social economic development program for local communities	Details of EXP -enditure& Work done during Reporting Year		No. of Beneficiaries
	Proposed	Actual	
Support to social, cultural, recreational activities	Exp (in Rs)	Exp (in Rs)	232
		12360.00	
	Support to cultural program and other social activities	Support to cultural program and other social activities	
Livelihood & social Economic standard improvement support	Proposed	Actual	
	Exp (in Rs)	Exp (in Rs)	

**Module 3 - ADDRESSING SOCIAL IMPACT OF R&R REQUIREMENT , COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES**

**Support to Transportation services & Infrastructure**

Welfare and social economic development program for local communities	Details of EXP -enditure & Work done during Reporting Year		No. of Beneficiaries
	Proposed	Actual	
Improvement of Road connectivity and public transport and other	Exp (in Rs)	Exp (in Rs)	
<b>Total</b>		<b>1610663.60</b>	



TEST REPORT CODE: VGL/W/25/01/29/014

TEST REPORT ISSUE DATE: 03.02.2025

**TEST REPORT (WATER)**  
**PART - A (CHEMICAL)**

Name and Address of Customer : BANDHI & GHORWAI LIMESTONE MINE  
 (Unit of RCCPL PVT LTD)  
 TEHSIL- MAIHAR, DISTRICT SATNA, MP-485773  
 Location of Sample : PIEZOMETER (SHALLOW)  
 Sample Description : GROUND WATER  
 Date & Time of Sampling : 27.01.2025 01:55 PM  
 Sample Collected by : MR. ASHISH KUMAR  
 Environmental Condition (Temp. & RH) : 26.5 °C & 56 %  
 Sample Packing : SEALED  
 Sample Id No. : 014  
 Laboratory Sample Receiving Date : 29.01.2025  
 Duration of Sample Analysis : 29.01.2025 TO 03.02.2025  
 Method of Sampling : APHA 1060B & 9060A

**TEST RESULTS**

Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	pH	APHA 4500H+A+B	7.58	-	6.5-8.5	No relaxation
2.	Temperature	APHA 2550-A+B	24.7	°C	Not Specified	Not Specified
3.	Colour	APHA 2120-B	<5.0	Hazen	5	15
4.	Turbidity	APHA 2130-A+B	<1.0	NTU	1	5
5.	Odour	APHA 2150-B	Agreeable	-	Agreeable	Agreeable
6.	Alkalinity	APHA 2320-A+B	236.0	mg/L	200	600
7.	Total Dissolved Solids	APHA 2540-C	518.0	mg/L	500	2000
8.	Total Hardness	APHA 2340 A+C	247.0	mg/L	200	600
9.	Calcium	APHA 3500 Ca- A+B	54.2	mg/L	75	200
10.	Magnesium	APHA 3500 Mg A+B	19.4	mg/L	30	100
11.	Sodium	APHA 3500 Na. A+B	38.2	mg/L	-	-
12.	Phosphate	APHA 4500-SO42- E	0.57	mg/L	-	-

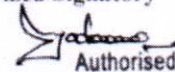
Page 1 of 3

**Note:**

1. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
2. The sample will be destroyed after 15 days from the date of issue of test certificate unless otherwise specified.
3. Any discrepancy in test result should be reported within 15 Days.
4. The above Results are related to the tested sample only.


**VIRAT GLOBAL LAB**  
 (A Division of Aseries Envirotek India Pvt. Ltd.)

Authorized Signatory


 Authorised Signatory

 D. K. Yadav  
 Lab In-charge



TEST REPORT CODE: VGL/W/25/01/29/014

TEST REPORT ISSUE DATE: 03.02.2025


**TEST REPORT (WATER)**  
**PART – A (CHEMICAL)**
**TEST RESULTS**

13.	Sulfate	APHA 4500-PD	46.4	mg/L	200	400
14.	Potassium	APHA 3500 K, A+B	13.0	mg/L	-	-
15.	Nitrate Nitrogen	APHA 4500-NO <sub>3</sub> -B	15.6	mg/L	45.0	-
16.	Free Residual Chlorine	APHA 4500-Cl B	BDL	mg/L	0.2	1.0
17.	Chloride	APHA 4500 Cl A+B	56.2	mg/L	250	1000
18.	Boron	APHA 4500 B A+C	BDL	mg/L	0.5	1.0
19.	Copper	APHA 3111 A+B	BDL	mg/L	0.05	1.5
20.	Cadmium	APHA 3111 A+B	BDL	mg/L	0.003	No relaxation
21.	Iron	APHA 3500 Fe B	0.21	mg/L	0.3	No relaxation
22.	Lead	APHA 3111 A+B	BDL	mg/L	0.01	No relaxation
23.	Nickel	APHA 3111 A+B	BDL	mg/L	0.02	No relaxation
24.	Zinc	APHA 3111 A+B	BDL	mg/L	5	15
25.	Fluoride	APHA 4500-C	0.27	mg/L	1.0	1.5
26.	Mercury	APHA 3112 A+B	BDL	mg/L	0.001	No relaxation
27.	Total Chromium	APHA 3111 A+B	BDL	mg/L	0.05	No relaxation
28.	Arsenic	APHA 3114 B	BDL	mg/L	0.01	0.05

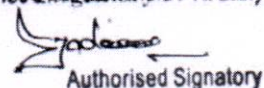
Page 2 of 3

**Note:**

1. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
2. The sample will be destroyed after 15days from the date of issue of test certificate unless otherwise specified.
3. Any discrepancy in test result should be reported within 15Days.
4. The above Results are related to the tested sample only.

Review By:  
  
**Dr. Ashok Kumar**  
 Technical Manager

**VIRAT GLOBAL LAB**  
 (A Division of Aseries Envirotek India Pvt. Ltd.)

  
 Authorised Signatory

D. K. Yadav  
 Lab In-charge



TEST REPORT CODE: VGL/W/25/01/29/014

TEST REPORT ISSUE DATE: 03.02.2025

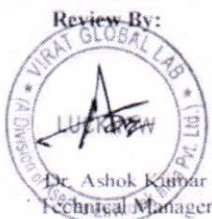
**TEST REPORT (WATER)**  
**PART – B (BIOLOGICAL)**
**TEST RESULTS**

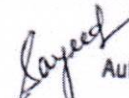
Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	Total Coliform Count	APHA 9221 B	<2.0	MPN/100 ML	Shall not be detectable in any 100 ml sample	
2.	Faecal coliform	APHA 9221 E	<2.0	MPN/100 ML		

Page 3 of 3

**Note:**

1. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
2. The sample will be destroyed after 3days from the date of issue of test certificate unless otherwise specified.
3. Any discrepancy in test result should be reported within 3Days.
4. The above Results are related to the tested sample only.


**VIRAT GLOBAL LAB**  
(A Division of Aseries Envirotek India Pvt. Ltd.)

  
**Authorised Signatory**  
Sayeed Ahmad  
Quality Manager

TEST REPORT CODE: VGL/W/25/01/29/015

TEST REPORT ISSUE DATE: 03.02.2025

**TEST REPORT (WATER)**  
**PART – A (CHEMICAL)**

Name and Address of Customer	: BANDHI & GHORWAI LIMESTONE MINE (Unit of RCCPL PVT LTD) TEHSIL- MAIHAR, DISTRICT SATNA, MP-485773
Location of Sample	: <b>PIEZOMETER (DEEP)</b>
Sample Description	: GROUND WATER
Date & Time of Sampling	: 27.01.2025 02:15 PM
Sample Collected by	: MR. ASHISH KUMAR
Environmental Condition (Temp. & RH)	: 26.5 °C & 56 %
Sample Packing	: SEALED
Sample Id No.	: 015
Laboratory Sample Receiving Date	: 29.01.2025
Duration of Sample Analysis	: 29.01.2025 TO 03.02.2025
Method of Sampling	: APHA 1060B & 9060A

**TEST RESULTS**

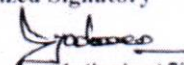
Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	pH	APHA 4500H+A+B	7.85	-	6.5-8.5	No relaxation
2.	Temperature	APHA 2550-A+B	24.8	°C	Not Specified	Not Specified
3.	Colour	APHA 2120-B	<5.0	Hazen	5	15
4.	Turbidity	APHA 2130-A+B	<1.0	NTU	1	5
5.	Odour	APHA 2150-B	Agreeable	-	Agreeable	Agreeable
6.	Alkalinity	APHA 2320-A+B	298.0	mg/L	200	600
7.	Total Dissolved Solids	APHA 2540-C	508.0	mg/L	500	2000
8.	Total Hardness	APHA 2340 A+C	272.0	mg/L	200	600
9.	Calcium	APHA 3500 Ca- A+B	59.2	mg/L	75	200
10.	Magnesium	APHA 3500 Mg A+B	21.6	mg/L	30	100
11.	Sodium	APHA 3500 Na. A+B	46.0	mg/L	-	-
12.	Phosphate	APHA 4500-SO42- E.	0.42	mg/L	-	-

Page 1 of 3

**Note:**

- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- The sample will be destroyed after 15 days from the date of issue of test certificate unless otherwise specified.
- Any discrepancy in test result should be reported within 15 Days.
- The above Results are related to the tested sample only.


**VIRAT GLOBAL LAB**  
(A Division of Aseries Envirotek India Pvt. Ltd.)

  
**Authorised Signatory**  
D. K. Yadav  
Lab In-charge



TEST REPORT CODE: VGL/W/25/01/29/015

TEST REPORT ISSUE DATE: 03.02.2025

**TEST REPORT (WATER)**  
**PART – A (CHEMICAL)**
**TEST RESULTS**

13.	Sulfate	APHA 4500-PD	48.0	mg/L	200	400
14.	Potassium	APHA 3500 K, A+B	12.0	mg/L	-	-
15.	Nitrate Nitrogen	APHA 4500-NO <sub>3</sub> -B	11.6	mg/L	45.0	-
16.	Free Residual Chlorine	APHA 4500-Cl B	BDL	mg/L	0.2	1.0
17.	Chloride	APHA 4500 Cl A+B	56.8	mg/L	250	1000
18.	Boron	APHA 4500 B A+C	BDL	mg/L	0.5	1.0
19.	Copper	APHA 3111 A+B	BDL	mg/L	0.05	1.5
20.	Cadmium	APHA 3111 A+B	BDL	mg/L	0.003	No relaxation
21.	Iron	APHA 3500 Fe B	0.21	mg/L	0.3	No relaxation
22.	Lead	APHA 3111 A+B	BDL	mg/L	0.01	No relaxation
23.	Nickel	APHA 3111 A+B	BDL	mg/L	0.02	No relaxation
24.	Zinc	APHA 3111 A+B	BDL	mg/L	5	15
25.	Fluoride	APHA 4500-C	0.18	mg/L	1.0	1.5
26.	Mercury	APHA 3112 A+B	BDL	mg/L	0.001	No relaxation
27.	Total Chromium	APHA 3111 A+B	BDL	mg/L	0.05	No relaxation
28.	Arsenic	APHA 3114 B	BDL	mg/L	0.01	0.05

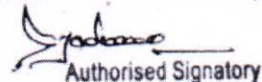
Page 2 of 3

**Note:**

1. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
2. The sample will be destroyed after 15 days from the date of issue of test certificate unless otherwise specified.
3. Any discrepancy in test result should be reported within 15 days.
4. The above Results are related to the tested sample only.

**Review By:**  
  
**Dr. Ashok Kumar**  
Technical Manager

**VIRAT GLOBAL LAB**  
Authorized Signatory  
(A Division of Aseries Envirotek India Pvt. Ltd.)



**D. K. Yadav**  
Lab In-charge

TEST REPORT CODE: VGL/W/25/01/29/015

TEST REPORT ISSUE DATE: 03.02.2025

**TEST REPORT (WATER)**  
**PART – B (BIOLOGICAL)**
**TEST RESULTS**

Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	Total Coliform Count	APHA 9221 B	<2.0	MPN/100 ML	Shall not be detectable in any 100 ml sample	
2.	Faecal coliform	APHA 9221 E	<2.0	MPN/100 ML		

Page 3 of 3

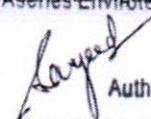
**Note:**

1. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
2. The sample will be destroyed after 3days from the date of issue of test certificate unless otherwise specified.
3. Any discrepancy in test result should be reported within 3Days.
4. The above Results are related to the tested sample only.

Review By:


Dr. Ashok Kumar  
Technical Manager

**VIRAT GLOBAL LAB**  
(A Division of Aseries Envirotek India Pvt. Ltd.)

  
**Authorised Signatory**  
Sayeed Ahmad  
Quality Manager



TEST REPORT CODE: VGL/W/25/01/29/016

TEST REPORT ISSUE DATE: 03.02.2025

**TEST REPORT (WATER)**  
**PART – A (CHEMICAL)**

**Name and Address of Customer** : BANDHI & GHORWAI LIMESTONE MINE  
(Unit of RCCPL PVT LTD)  
TEHSIL- MAIHAR, DISTRICT SATNA, MP-485773  
**Location of Sample** : **BANDHI WELL**  
**Sample Description** : GROUND WATER  
**Date & Time of Sampling** : 27.01.2025 02:30 PM  
**Sample Collected by** : MR. ASHISH KUMAR  
**Environmental Condition (Temp. & RH)** : 26.5 °C & 56 %  
**Sample Packing** : SEALED  
**Sample Id No.** : 016  
**Laboratory Sample Receiving Date** : 29.01.2025  
**Duration of Sample Analysis** : 29.01.2025 TO 03.02.2025  
**Method of Sampling** : APHA 1060B & 9060A

**TEST RESULTS**

Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	pH	APHA 4500H+A+B	7.92	-	6.5-8.5	No relaxation
2.	Temperature	APHA 2550-A+B	24.8	°C	Not Specified	Not Specified
3.	Colour	APHA 2120-B	<5.0	Hazen	5	15
4.	Turbidity	APHA 2130-A+B	<1.0	NTU	1	5
5.	Odour	APHA 2150-B	Agreeable	-	Agreeable	Agreeable
6.	Alkalinity	APHA 2320-A+B	226.0	mg/L	200	600
7.	Total Dissolved Solids	APHA 2540-C	478.0	mg/L	500	2000
8.	Total Hardness	APHA 2340 A+C	271.0	mg/L	200	600
9.	Calcium	APHA 3500 Ca- A+B	57.7	mg/L	75	200
10.	Magnesium	APHA 3500 Mg A+B	19.4	mg/L	30	100
11.	Sodium	APHA 3500 Na, A+B	41.0	mg/L	-	-
12.	Phosphate	APHA 4500-SO42- E	0.63	mg/L	-	-

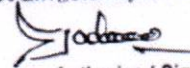
Page 1 of 3

**Note:**

- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- The sample will be destroyed after 15 days from the date of issue of test certificate unless otherwise specified.
- Any discrepancy in test result should be reported within 15 days.
- The above Results are related to the tested sample only.

Review By:


**VIRAT GLOBAL LAB**  
(A Division of Aseries Envirotek India Pvt. Ltd.)

  
D. K. Yadav  
Lab In-charge



TEST REPORT CODE: VGL/W/25/01/29/016

TEST REPORT ISSUE DATE: 03.02.2025

**TEST REPORT (WATER)  
PART - A (CHEMICAL)**
**TEST RESULTS**

13.	Sulfate	APHA 4500-PD	48.5	mg/L	200	400
14.	Potassium	APHA 3500 K, A+B	17.0	mg/L	-	-
15.	Nitrate Nitrogen	APHA 4500-NO <sub>3</sub> -B	11.4	mg/L	45.0	-
16.	Free Residual Chlorine	APHA 4500-Cl B	BDL	mg/L	0.2	1.0
17.	Chloride	APHA 4500 Cl A+B	45.5	mg/L	250	1000
18.	Boron	APHA 4500 B A+C	BDL	mg/L	0.5	1.0
19.	Copper	APHA 3111 A+B	BDL	mg/L	0.05	1.5
20.	Cadmium	APHA 3111 A+B	BDL	mg/L	0.003	No relaxation
21.	Iron	APHA 3500 Fe B	0.23	mg/L	0.3	No relaxation
22.	Lead	APHA 3111 A+B	BDL	mg/L	0.01	No relaxation
23.	Nickel	APHA 3111 A+B	BDL	mg/L	0.02	No relaxation
24.	Zinc	APHA 3111 A+B	BDL	mg/L	5	15
25.	Fluoride	APHA 4500-C	0.28	mg/L	1.0	1.5
26.	Mercury	APHA 3112 A+B	BDL	mg/L	0.001	No relaxation
27.	Total Chromium	APHA 3111 A+B	BDL	mg/L	0.05	No relaxation
28.	Arsenic	APHA 3114 B	BDL	mg/L	0.01	0.05

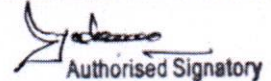
Page 2 of 3

**Note:**

1. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
2. The sample will be destroyed after 15days from the date of issue of test certificate unless otherwise specified.
3. Any discrepancy in test result should be reported within 15Days.
4. The above Results are related to the tested sample only.

Review By:


**VIRAT GLOBAL LAB**  
(A Division of Aseries Envirotek India Pvt. Ltd.)


Authorized Signatory

D. K. Yadav  
Lab In-charge



TEST REPORT CODE: VGL/W/25/01/29/016

TEST REPORT ISSUE DATE: 03.02.2025

**TEST REPORT (WATER)**  
**PART – B (BIOLOGICAL)**
**TEST RESULTS**

Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	Total Coliform Count	APHA 9221 B	<2.0	MPN/100 ML	Shall not be detectable in any 100 ml sample	
2.	Faecal coliform	APHA 9221 E	<2.0	MPN/100 ML		


Page 3 of 3

**Note:**

1. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
2. The sample will be destroyed after 3days from the date of issue of test certificate unless otherwise specified.
3. Any discrepancy in test result should be reported within 3Days.
4. The above Results are related to the tested sample only.

Review By:  
  
Dr. Ashok Kumar  
Technical Manager

**VIRAT GLOBAL LAB**  
(A Division of Aseries Envirotek India Pvt. Ltd.)

  
Authorized Signatory  
Sayeed Ahmad  
Quality Manager

TEST REPORT CODE: VGL/W/25/01/29/017

TEST REPORT ISSUE DATE: 03.02.2025

**TEST REPORT (WATER)**  
**PART – A (CHEMICAL)**

<b>Name and Address of Customer</b>	: BANDHI & GHORWAI LIMESTONE MINE (Unit of RCCPL PVT LTD) TEHSIL- MAIHAR, DISTRICT SATNA, MP-485773
<b>Location of Sample</b>	: GHORWAI WELL
<b>Sample Description</b>	: GROUND WATER
<b>Date &amp; Time of Sampling</b>	: 27.01.2025 02:50 PM
<b>Sample Collected by</b>	: MR. ASHISH KUMAR
<b>Environmental Condition (Temp. &amp; RH)</b>	: 26.5 °C & 56 %
<b>Sample Packing</b>	: SEALED
<b>Sample Id No.</b>	: 017
<b>Laboratory Sample Receiving Date</b>	: 29.01.2025
<b>Duration of Sample Analysis</b>	: 29.01.2025 TO 03.02.2025
<b>Method of Sampling</b>	: APHA 1060B & 9060A

**TEST RESULTS**

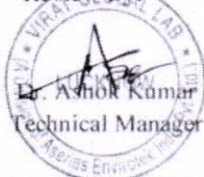
Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	pH	APHA 4500H+A+B	8.21	-	6.5-8.5	No relaxation
2.	Temperature	APHA 2550-A+B	24.8	°C	Not Specified	Not Specified
3.	Colour	APHA 2120-B	<5.0	Hazen	5	15
4.	Turbidity	APHA 2130-A+B	<1.0	NTU	1	5
5.	Odour	APHA 2150-B	Agreeable	-	Agreeable	Agreeable
6.	Alkalinity	APHA 2320-A+B	218.0	mg/L	200	600
7.	Total Dissolved Solids	APHA 2540-C	465.0	mg/L	500	2000
8.	Total Hardness	APHA 2340 A+C	235.0	mg/L	200	600
9.	Calcium	APHA 3500 Ca- A+B	57.5	mg/L	75	200
10.	Magnesium	APHA 3500 Mg A+B	18.6	mg/L	30	100
11.	Sodium	APHA 3500 Na, A+B	44.0	mg/L	-	-
12.	Phosphate	APHA 4500-SO42- E	0.65	mg/L	-	-

Page 1 of 3

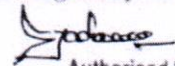
**Note:**

- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- The sample will be destroyed after 15days from the date of issue of test certificate unless otherwise specified.
- Any discrepancy in test result should be reported within 15Days.
- The above Results are related to the tested sample only.

Review By:

  
Dr. Ashish Kumar  
Technical Manager

**VIRAT GLOBAL LAB**  
(A Division of Aseries Envirotek India Pvt. Ltd.)

  
D. K. Yadav  
Authorised Signatory  
Lab In-charge



TEST REPORT CODE: VGL/W/25/01/29/017

TEST REPORT ISSUE DATE: 03.02.2025

**TEST REPORT (WATER)**  
**PART – A (CHEMICAL)**
**TEST RESULTS**

13.	Sulfate	APHA 4500-PD	52.3	mg/L	200	400
14.	Potassium	APHA 3500 K, A+B	12.0	mg/L	-	-
15.	Nitrate Nitrogen	APHA 4500-NO <sub>3</sub> -B	13.7	mg/L	45.0	-
16.	Free Residual Chlorine	APHA 4500-Cl B	BDL	mg/L	0.2	1.0
17.	Chloride	APHA 4500 Cl A+B	56.5	mg/L	250	1000
18.	Boron	APHA 4500 B A+C	BDL	mg/L	0.5	1.0
19.	Copper	APHA 3111 A+B	BDL	mg/L	0.05	1.5
20.	Cadmium	APHA 3111 A+B	BDL	mg/L	0.003	No relaxation
21.	Iron	APHA 3500 Fe B	0.28	mg/L	0.3	No relaxation
22.	Lead	APHA 3111 A+B	BDL	mg/L	0.01	No relaxation
23.	Nickel	APHA 3111 A+B	BDL	mg/L	0.02	No relaxation
24.	Zinc	APHA 3111 A+B	BDL	mg/L	5	15
25.	Fluoride	APHA 4500-C	0.22	mg/L	1.0	1.5
26.	Mercury	APHA 3112 A+B	BDL	mg/L	0.001	No relaxation
27.	Total Chromium	APHA 3111 A+B	BDL	mg/L	0.05	No relaxation
28.	Arsenic	APHA 3114 B	BDL	mg/L	0.01	0.05

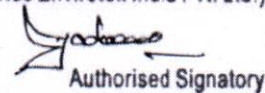
Page 2 of 3

**Note:**

1. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
2. The sample will be destroyed after 15days from the date of issue of test certificate unless otherwise specified.
3. Any discrepancy in test result should be reported within 15Days.
4. The above Results are related to the tested sample only.

Review By:  
  
**Dr. Ashok Kumar**  
 Technical Manager

**VIRAT GLOBAL LAB**  
 (A Division of Aseries Envirotek India Pvt. Ltd.)

  
 Authorised Signatory

D. K. Yadav  
 Lab In-charge

TEST REPORT CODE: VGL/W/25/01/29/017

TEST REPORT ISSUE DATE: 03.02.2025

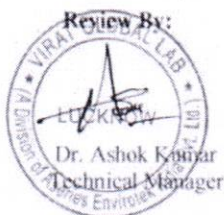
**TEST REPORT (WATER)**  
**PART - B (BIOLOGICAL)**
**TEST RESULTS**

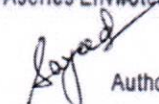
Sr. No.	Parameters	Test Method	Result	Unit	Limit as per IS 10500:1991 (Reaff:2012)	
					Desirable	Permissible
1.	Total Coliform Count	APHA 9221 B	<2.0	MPN/100 ML	Shall not be detectable in any 100 ml sample	
2.	Faecal coliform	APHA 9221 E	<2.0	MPN/100 ML		

Page 3 of 3

**Note:**

1. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
2. The sample will be destroyed after 3days from the date of issue of test certificate unless otherwise specified.
3. Any discrepancy in test result should be reported within 3Days.
4. The above Results are related to the tested sample only.


**VIRAT GLOBAL LAB**  
(A Division of Aseries Envirotek India Pvt. Ltd.)



Authorised Signatory  
Sayeed Ahmad  
Quality Manager



TEST REPORT CODE: VGL/W/25/01/29/018

TEST REPORT ISSUE DATE: 03.02.2025

### TEST REPORT (SURFACE WATER)

**Name and Address of Customer** : BANDHI & GHORWAI Limestone MINE  
(Unit of RCCPL PVT LTD)  
TEHSIL- MAIHAR, DISTRICT SATNA, MP-485773

**Location of Sample** : UP STREAM (NALLAH)

**Sample Description** : SURFACE WATER

**Date & Time of Sampling** : 27.01.2025 03:10 PM

**Sample Collected by** : MR. ASHISH KUMAR

**Environmental Condition (Temp. & RH)** : 26.5 °C & 56 %

**Laboratory Sample Receiving Date** : 29.01.2025

**Duration of Sample Analysis** : 29.01.2025 TO 03.02.2025

**Method of Sampling** : APHA 1060B & 9060A

### TEST RESULTS

Sr. No.	Parameters	Test Method	Result	Unit	Specification/Limit (As per IS:2296, Class C)
1.	pH	APHA 4500-H+	7.72	-	6.5 - 8.5
2.	Colour	APHA 2120-B	31.0	Hazen	300
3.	Total Dissolved Solids, (TDS)	APHA 2540-C	872.0	mg/L	1500
4.	Dissolved Oxygen (DO)	APHA 4500:(O)-C	3.8	mg/L	4
5.	Biological Oxygen Demand (BOD 3d 27°C)	IS: 3025 (Part-44)	5.2	mg/L	3
6.	Chloride, (Cl)	APHA 4500:(Cl)-B	110.0	mg/L	600
7.	Cyanide, (CN)	APHA 4500:(CN)-D	<0.01	mg/L	Not Specified
8.	Fluoride, (F)	APHA 4500:(F)-D	0.66	mg/L	1.5
9.	Sulphate, (SO4)	APHA 4500:(SO4)-E	58.2	mg/L	400
10.	Phenolic Compound, (C6H5OH)	APHA 5530-C	<0.01	mg/L	Not Specified
11.	Mineral Oil	IS 3025 (Part-39)	<0.05	mg/L	Not Specified
12.	Oil & Grease, (O & G)	APHA 5520-D	< 2.0	mg/L	Not Specified
13.	Nitrate, (NO3)	APHA 4500:(NO3)-B	13.5	mg/L	50
14.	Arsenic, (As)	APHA 3120B	<0.01	mg/L	0.2
15.	Copper, (Cu)	APHA 3120B	<0.01	mg/L	Not Specified
16.	Iron, (Fe)	APHA-3120B	0.36	mg/L	Not Specified
17.	Zinc, (Zn)	APHA-3120B	0.24	mg/L	Not Specified
18.	Cadmium, (Cd)	APHA 3120B	<0.01	mg/L	Not Specified
19.	Chromium, (Cr+6)	APHA 3500:(Cr)-B	<0.01	mg/L	Not Specified
20.	Selenium, (as Se)	APHA 3120B	<0.01	mg/L	Not Specified
21.	Lead, (Pb)	APHA-3120B	<0.01	mg/L	0.1
22.	Mercury (Hg)	APHA-3112A+B	<0.01	mg/L	-

Page 1 of 2

#### Note:

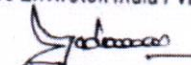
- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- The sample will be destroyed after 15days from the date of issue of test certificate unless otherwise specified.
- Any discrepancy in test result should be reported within 15Days.
- The above Results are related to the tested sample only.

Review By:



Dr. Ashok Kumar  
Technical Manager

**Authorized Signatory**  
**VIRAT GLOBAL LAB**  
(A Division of Aseries Envirotek India Pvt. Ltd.)



D. K. Yadav  
Lab In-charge

TEST REPORT CODE: VGL/W/25/01/29/018

TEST REPORT ISSUE DATE: 03.02.2025

**TEST REPORT (SURFACE WATER)**
**TEST RESULTS**

Sr. No.	Parameters	Test Method	Result	Unit	Specification/Limit (As per IS:2296, Class C)
23.	Total Coliform Count	APHA24th Ed. 9221-E	236.0	MPN/100 ML	500

Page 2 of 2

**Note:**

1. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
2. The sample will be destroyed after 3days from the date of issue of test certificate unless otherwise specified.
3. Any discrepancy in test result should be reported within 3Days.
4. The above Results are related to the tested sample only.

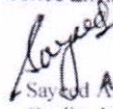
Review By:


Dr. Ashok Kumar  
Technical Manager

Authorized Signatory

**VIRAT GLOBAL LAB**

(A Division of Aseries Envirotek India Pvt. Ltd.)

  
Sayeed Ahmad  
Authorized Signatory  
Quality Manager



TEST REPORT CODE: VGL/W/25/01/29/019

TEST REPORT ISSUE DATE: 03.02.2025

**TEST REPORT (SURFACE WATER)**

Name and Address of Customer : BANDHI & GHORWAI Limestone MINE  
(Unit of RCCPL PVT LTD)  
TEHSIL- MAIHAR, DISTRICT SATNA, MP-485773

Location of Sample : DOWN STREAM (NALLAH)

Sample Description : SURFACE WATER

Date & Time of Sampling : 27.01.2025 03:30 PM

Sample Collected by : MR. ASHISH KUMAR

Environmental Condition (Temp. & RH) : 26.5 °C & 56 %

Laboratory Sample Receiving Date : 29.01.2025

Duration of Sample Analysis : 29.01.2025 TO 03.02.2025

Method of Sampling : APHA 1060B & 9060A

**TEST RESULTS**

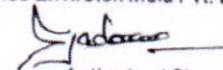
Sr. No.	Parameters	Test Method	Result	Unit	Specification/Limit (As per IS:2296, Class C)
1.	pH	APHA 4500-H+	7.87	-	6.5 - 8.5
2.	Colour	APHA 2120-B	62.0	Hazen	300
3.	Total Dissolved Solids, (TDS)	APHA 2540-C	935.0	mg/L	1500
4.	Dissolved Oxygen (DO)	APHA 4500:(O)-C	5.1	mg/L	4
5.	Biological Oxygen Demand (BOD 3d 27°C)	IS: 3025 (Part-44)	16.0	mg/L	3
6.	Chloride, (Cl)	APHA 4500:(Cl)-B	81.0	mg/L	600
7.	Cyanide, (CN)	APHA 4500:(CN)-D	<0.01	mg/L	Not Specified
8.	Fluoride, (F)	APHA 4500:(F)-D	0.88	mg/L	1.5
9.	Sulphate, (SO4)	APHA 4500:(SO4)-E	64.0	mg/L	400
10.	Phenolic Compound, (C6H5OH)	APHA 5530-C	<0.01	mg/L	Not Specified
11.	Mineral Oil	IS 3025 (Part-39)	<0.05	mg/L	Not Specified
12.	Oil & Grease, (O & G)	APHA 5520-D	< 2.0	mg/L	Not Specified
13.	Nitrate, (NO3)	APHA 4500:(NO3)-B	19.4	mg/L	50
14.	Arsenic, (As)	APHA 3120B	<0.01	mg/L	0.2
15.	Copper, (Cu)	APHA 3120B	<0.01	mg/L	Not Specified
16.	Iron, (Fe)	APHA-3120B	0.35	mg/L	Not Specified
17.	Zinc, (Zn)	APHA-3120B	0.31	mg/L	Not Specified
18.	Cadmium, (Cd)	APHA 3120B	<0.01	mg/L	Not Specified
19.	Chromium, (Cr+6)	APHA 3500:(Cr)-B	<0.01	mg/L	Not Specified
20.	Selenium, (as Se)	APHA 3120B	<0.01	mg/L	Not Specified
21.	Lead, (Pb)	APHA-3120B	<0.01	mg/L	0.1
22.	Mercury (Hg)	APHA-3112A+B	<0.01	mg/L	-

Page 1 of 1

**Note:**

- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- The sample will be destroyed after 15days from the date of issue of test certificate unless otherwise specified.
- Any discrepancy in test result should be reported within 15Days.
- The above Results are related to the tested sample only.


**VIRAT GLOBAL LAB**  
(A Division of Aseries Envirotek India Pvt. Ltd.)

  
Dr. K. Yadav  
Authorised Signatory  
Lab In-charge

TEST REPORT CODE: VGL/W/25/01/29/019

TEST REPORT ISSUE DATE: 03.02.2025

**TEST REPORT (SURFACE WATER)**
**TEST RESULTS**

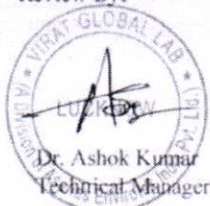
Sr. No.	Parameters	Test Method	Result	Unit	Specification/Limit (As per IS:2296, Class C)
23.	Total Coliform Count	APHA24th Ed. 9221-E	228.0	MPN/100 ML	500

Page 2 of 2

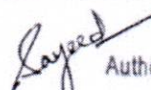
**Note:**

1. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
2. The sample will be destroyed after 3days from the date of issue of test certificate unless otherwise specified.
3. Any discrepancy in test result should be reported within 3Days.
4. The above Results are related to the tested sample only.

Review By:

  
Dr. Ashok Kumar  
Technical Manager

**VIRAT GLOBAL LAB**  
(A Division of Aseries Envirotek India Pvt. Ltd.)

  
Authorised Signatory  
Sayeed Ahmad  
Quality Manager



TEST REPORT CODE: VGL/W/25/01/29/020

TEST REPORT ISSUE DATE: 03.02.2025

**TEST REPORT (SURFACE WATER)**

**Name and Address of Customer** : BANDHI & GHORWAI LIMESTONE MINE  
(Unit of RCCPL PVT LTD)  
TEHSIL- MAIHAR, DISTRICT SATNA, MP-485773  
**Location of Sample** : **BANDHI POND**  
**Sample Description** : SURFACE WATER  
**Date & Time of Sampling** : 27.01.2025 03:45 PM  
**Sample Collected by** : MR. ASHISH KUMAR  
**Environmental Condition (Temp. & RH)** : 26.5 °C & 56 %  
**Laboratory Sample Receiving Date** : 29.01.2025  
**Duration of Sample Analysis** : 29.01.2025 TO 03.02.2025  
**Method of Sampling** : APHA 1060B & 9060A

**TEST RESULTS**

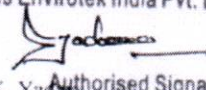
Sr. No.	Parameters	Test Method	Result	Unit	Specification/Limit (As per IS:2296, Class C)
1.	pH	APHA 4500-H+	7.82	-	6.5 - 8.5
2.	Colour	APHA 2120-B	43.0	Hazen	300
3.	Total Dissolved Solids, (TDS)	APHA 2540-C	867.0	mg/L	1500
4.	Dissolved Oxygen (DO)	APHA 4500;(O)-C	6.6	mg/L	4
5.	Biological Oxygen Demand (BOD 3d 27°C)	IS: 3025 (Part-44)	5.5	mg/L	3
6.	Chloride, (Cl)	APHA 4500;(Cl)-B	64.0	mg/L	600
7.	Cyanide, (CN)	APHA 4500;(CN)-D	<0.01	mg/L	Not Specified
8.	Fluoride, (F)	APHA 4500;(F)-D	0.53	mg/L	1.5
9.	Sulphate, (SO4)	APHA 4500;(SO4)-E	67.0	mg/L	400
10.	Phenolic Compound, (C6H5OH)	APHA 5530-C	<0.01	mg/L	Not Specified
11.	Mineral Oil	IS 3025 (Part-39)	<0.05	mg/L	Not Specified
12.	Oil & Grease, (O & G)	APHA 5520-D	< 2.0	mg/L	Not Specified
13.	Nitrate, (NO3)	APHA 4500;(NO3)-B	13.4	mg/L	50
14.	Arsenic, (As)	APHA 3120B	<0.01	mg/L	0.2
15.	Copper, (Cu)	APHA 3120B	<0.01	mg/L	Not Specified
16.	Iron, (Fe)	APHA-3120B	0.33	mg/L	Not Specified
17.	Zinc, (Zn)	APHA-3120B	0.24	mg/L	Not Specified
18.	Cadmium, (Cd)	APHA 3120B	<0.01	mg/L	Not Specified
19.	Chromium, (Cr+6)	APHA 3500;(Cr)-B	<0.01	mg/L	Not Specified
20.	Selenium, (as Se)	APHA 3120B	<0.01	mg/L	Not Specified
21.	Lead, (Pb)	APHA-3120B	<0.01	mg/L	0.1
22.	Mercury (Hg)	APHA-3112A+B	<0.01	mg/L	-

Page 1 of 1

**Note:**

- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- The sample will be destroyed after 15days from the date of issue of test certificate unless otherwise specified.
- Any discrepancy in test result should be reported within 15Days.
- The above Results are related to the tested sample only.

**Review By:**  
  
Dr. Ashok Kumar  
Technical Manager

**VIRAT GLOBAL LAB**  
Authorized Signatory  
(A Division of Aseries Envirotek India Pvt. Ltd.)  
  
D. K. Yadav  
Authorized Signatory  
Lab In-charge

TEST REPORT CODE: VGL/W/25/01/29/020

TEST REPORT ISSUE DATE: 03.02.2025

**TEST REPORT (SURFACE WATER)****TEST RESULTS**


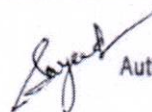
Sr. No.	Parameters	Test Method	Result	Unit	Specification/Limit (As per IS:2296, Class C)
23.	Total Coliform Count	APHA24th Ed. 9221-E	438.0	MPN/100 ML	500

Page 2 of 2

**Note:**

1. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
2. The sample will be destroyed after 3days from the date of issue of test certificate unless otherwise specified.
3. Any discrepancy in test result should be reported within 3Days.
4. The above Results are related to the tested sample only.

Review By:

  
Dr. Ashok Kumar  
Technical Manager**VIRAT GLOBAL LAB**  
(A Division of Aseries Envirotek India Pvt. Ltd.)  
Authorised Signatory  
Sayeed Ahmad  
Quality Manager





(A Division of Aseries Envirotek India Pvt. Ltd.)

Recognized by MoEF & CC, Accredited by  
ISO/IEC-17025:2017 (NABL)  
(An ISO 9001:2015, 14001:2015 & 45001:2018)

TEST REPORT CODE: VGL/W/25/01/29/018

TEST REPORT ISSUE DATE: 03.02.2025

**TEST REPORT (SURFACE WATER)**

Name and Address of Customer : BANDHI & GHORWAI LIMESTONE MINE  
(Unit of RCCPL PVT LTD)  
TEHSIL- MAIHAR, DISTRICT SATNA, MP-485773

Location of Sample : UP STREAM (NALLAH)

Sample Description : SURFACE WATER

Date & Time of Sampling : 27.01.2025 03:10 PM

Sample Collected by : MR. ASHISH KUMAR

Environmental Condition (Temp. & RH) : 26.5 °C & 56 %

Laboratory Sample Receiving Date : 29.01.2025

Duration of Sample Analysis : 29.01.2025 TO 03.02.2025

Method of Sampling : APHA 1060B & 9060A

**TEST RESULTS**

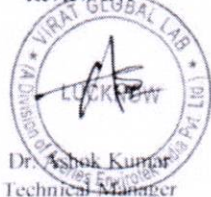
Sr. No.	Parameters	Test Method	Result	Unit	Specification/Limit (As per IS:2296, Class C)
1.	pH	APHA 4500-H+	7.72	-	6.5 - 8.5
2.	Colour	APHA 2120-B	31.0	Hazen	300
3.	Total Dissolved Solids, (TDS)	APHA 2540-C	872.0	mg/L	1500
4.	Dissolved Oxygen (DO)	APHA 4500:(O)-C	3.8	mg/L	4
5.	Biological Oxygen Demand (BOD 3d 27°C)	IS: 3025 (Part-44)	5.2	mg/L	3
6.	Chloride, (Cl)	APHA 4500:(Cl)-B	110.0	mg/L	600
7.	Cyanide, (CN)	APHA 4500:(CN)-D	<0.01	mg/L	Not Specified
8.	Fluoride, (F)	APHA 4500:(F)-D	0.66	mg/L	1.5
9.	Sulphate, (SO <sub>4</sub> )	APHA 4500:(SO <sub>4</sub> )-E	58.2	mg/L	400
10.	Phenolic Compound, (C <sub>6</sub> H <sub>5</sub> OH)	APHA 5530-C	<0.01	mg/L	Not Specified
11.	Mineral Oil	IS 3025 (Part-39)	<0.05	mg/L	Not Specified
12.	Oil & Grease, (O & G)	APHA 5520-D	< 2.0	mg/L	Not Specified
13.	Nitrate, (NO <sub>3</sub> )	APHA 4500:(NO <sub>3</sub> )-B	13.5	mg/L	50
14.	Arsenic, (As)	APHA 3120B	<0.01	mg/L	0.2
15.	Copper, (Cu)	APHA 3120B	<0.01	mg/L	Not Specified
16.	Iron, (Fe)	APHA-3120B	0.36	mg/L	Not Specified
17.	Zinc, (Zn)	APHA-3120B	0.24	mg/L	Not Specified
18.	Cadmium, (Cd)	APHA 3120B	<0.01	mg/L	Not Specified
19.	Chromium, (Cr+6)	APHA 3500:(Cr)-B	<0.01	mg/L	Not Specified
20.	Selenium, (as Se)	APHA 3120B	<0.01	mg/L	Not Specified
21.	Lead, (Pb)	APHA-3120B	<0.01	mg/L	0.1
22.	Mercury (Hg)	APHA-3112A+B	<0.01	mg/L	-

Page 1 of 2

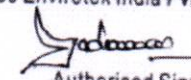
**Note:**

- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- The sample will be destroyed after 15days from the date of issue of test certificate unless otherwise specified
- Any discrepancy in test result should be reported within 15Days.
- The above Results are related to the tested sample only.

Reviewed By:

  
Dr. Ashok Kumar  
Technical Manager

Authorized Signatory  
**VIRAT GLOBAL LAB**  
(A Division of Aseries Envirotek India Pvt. Ltd.)

  
D. K. Yadav  
Lab In-charge

TEST REPORT CODE: VGL/W/25/01/29/018

TEST REPORT ISSUE DATE: 03.02.2025

**TEST REPORT (SURFACE WATER)**
**TEST RESULTS**

Sr. No.	Parameters	Test Method	Result	Unit	Specification/Limit (As per IS:2296, Class C)
23.	Total Coliform Count	APHA24th Ed. 9221-E	236.0	MPN/100 ML	500

Page 2 of 2

**Note:**

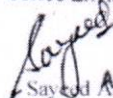
1. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
2. The sample will be destroyed after 3days from the date of issue of test certificate unless otherwise specified.
3. Any discrepancy in test result should be reported within 3Days.
4. The above Results are related to the tested sample only.

Review By:


Dr. Ashok Kumar  
Technical Manager

Authorized Signatory

**VIRAT GLOBAL LAB**  
(A Division of Aseries Envirotek India Pvt. Ltd.)

  
Sayeed Ahmad  
Authorized Signatory  
Quality Manager



TEST REPORT CODE: VGL/W/25/01/29/019

TEST REPORT ISSUE DATE: 03.02.2025

**TEST REPORT (SURFACE WATER)**

**Name and Address of Customer** : BANDHI & GHORWAI LIMESTONE MINE  
 (Unit of RCCPL PVT LTD)  
 TEHSIL- MAIHAR, DISTRICT SATNA, MP-485773  
**Location of Sample** : DOWN STREAM (NALLAH)  
**Sample Description** : SURFACE WATER  
**Date & Time of Sampling** : 27.01.2025 03:30 PM  
**Sample Collected by** : MR. ASHISH KUMAR  
**Environmental Condition (Temp. & RH)** : 26.5 °C & 56 %  
**Laboratory Sample Receiving Date** : 29.01.2025  
**Duration of Sample Analysis** : 29.01.2025 TO 03.02.2025  
**Method of Sampling** : APHA 1060B & 9060A

**TEST RESULTS**

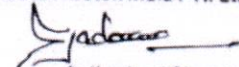
Sr. No.	Parameters	Test Method	Result	Unit	Specification/Limit (As per IS:2296, Class C)
1.	pH	APHA 4500-H+	7.87	-	6.5 - 8.5
2.	Colour	APHA 2120-B	62.0	Hazen	300
3.	Total Dissolved Solids, (TDS)	APHA 2540-C	935.0	mg/L	1500
4.	Dissolved Oxygen (DO)	APHA 4500:(O)-C	5.1	mg/L	4
5.	Biological Oxygen Demand (BOD 3d 27°C)	IS: 3025 (Part-44)	16.0	mg/L	3
6.	Chloride, (Cl)	APHA 4500:(Cl)-B	81.0	mg/L	600
7.	Cyanide, (CN)	APHA 4500:(CN)-D	<0.01	mg/L	Not Specified
8.	Fluoride, (F)	APHA 4500:(F)-D	0.88	mg/L	1.5
9.	Sulphate, (SO <sub>4</sub> )	APHA 4500:(SO <sub>4</sub> )-E	64.0	mg/L	400
10.	Phenolic Compound, (C <sub>6</sub> H <sub>5</sub> OH)	APHA 5530-C	<0.01	mg/L	Not Specified
11.	Mineral Oil	IS 3025 (Part-39)	<0.05	mg/L	Not Specified
12.	Oil & Grease, (O & G)	APHA 5520-D	< 2.0	mg/L	Not Specified
13.	Nitrate, (NO <sub>3</sub> )	APHA 4500:(NO <sub>3</sub> )-B	19.4	mg/L	50
14.	Arsenic, (As)	APHA 3120B	<0.01	mg/L	0.2
15.	Copper, (Cu)	APHA 3120B	<0.01	mg/L	Not Specified
16.	Iron, (Fe)	APHA-3120B	0.35	mg/L	Not Specified
17.	Zinc, (Zn)	APHA-3120B	0.31	mg/L	Not Specified
18.	Cadmium, (Cd)	APHA 3120B	<0.01	mg/L	Not Specified
19.	Chromium, (Cr+6)	APHA 3500:(Cr)-B	<0.01	mg/L	Not Specified
20.	Selenium, (as Se)	APHA 3120B	<0.01	mg/L	Not Specified
21.	Lead, (Pb)	APHA-3120B	<0.01	mg/L	0.1
22.	Mercury (Hg)	APHA-3112A+B	<0.01	mg/L	-

Page 1 of 1

**Note:**

- This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- The sample will be destroyed after 15days from the date of issue of test certificate unless otherwise specified.
- Any discrepancy in test result should be reported within 15Days
- The above Results are related to the tested sample only.


**VIRAT GLOBAL LAB**  
 Authorized Signatory  
 (A Division of Aseries Envirotek India Pvt. Ltd.)

  
 Dr. K. Yadav  
 Authorised Signatory  
 Lab In-charge

TEST REPORT CODE: VGL/W/25/01/29/019

TEST REPORT ISSUE DATE: 03.02.2025

**TEST REPORT (SURFACE WATER)**
**TEST RESULTS**

Sr. No.	Parameters	Test Method	Result	Unit	Specification/Limit (As per IS:2296, Class C)
23.	Total Coliform Count	APHA24th Ed. 9221-E	228.0	MPN/100 ML	500

Page 2 of 2

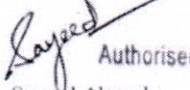
**Note:**

1. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
2. The sample will be destroyed after 3days from the date of issue of test certificate unless otherwise specified.
3. Any discrepancy in test result should be reported within 3Days.
4. The above Results are related to the tested sample only.

Review By:

  
**Dr. Ashok Kumar**  
 Technical Manager

**VIRAT GLOBAL LAB**  
 (A Division of Aseries Envirotek India Pvt. Ltd.)

  
**Sayeed Ahmad**  
 Quality Manager



**WATER LEVEL MONITORING REPORT**

Name and Address of Customer : BANDHI & GHORWAI LIMESTONE MINE  
 (Unit of RCCPL PVT LTD)  
 TEHSIL- MAIHAR, DISTRICT SATNA, MP-485773

Date of Monitoring : 27.01.2025

Monitoring Done By : MR. ASHISH KUMAR

**RESULT**

S.No.	Location	Water Level (Below Ground Level)- Meter
1	PIEZOMETER (SHALLOW)	12.0
2	PIEZOMETER (DEEP)	13.0
3	BANDHI WELL	29.8
4	GHORWAI WELL	28.9

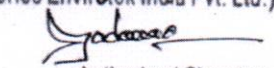
Page 1 of 1

Note: -

1. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
2. The sample will be destroyed after 15days from the date of issue of test certificate unless otherwise specified.
3. Any discrepancy in test result should be reported within 15 Days.
4. The above results are related to the tested sample only.

Review By:


**VIRAT GLOBAL LAB**  
 (A Division of Aseries Envirotek India Pvt. Ltd.)

  
 D. K. Yadav  
 Authorised Signatory  
 Lab In-charge



# CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD.

Accredited Organisation by National Accreditation Board for Testing and Calibration Laboratories (NABL) CIN : U74999MP2020PTC052747



TC-6872

## TEST REPORT

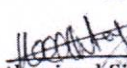
AMBIENT AIR QUALITY REPORT	
Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location:- Bandhi & Gorwahi Mines	ULR No: TC687225100000261F Test Report No:-CES/LAB/Air/25/71 Dispatch No: 747 Issue Date: 01.04.2025 Client Ref: Nil Date : Nil
Method of test : IS: 5182	Sampling Details
Test required: As per work order	Sample Monitored : Ambient Air Quality
Sample Collected By:- CES representative	Date of Sampling : 21.03.2025
Instrument used: Eco Tech FDS	Date of Receipt : 25.03.2025
Page 1 of 1	Period of testing : 25.03.2025 to 01.04.2025
No. of Sampling Locations -04	Duration of sampling : 8 hrs
Atmospheric condition : Clear	Serial No. of samples : 71/1

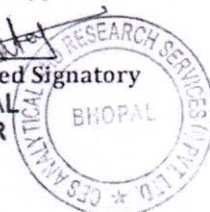
AMBIENT AIR QUALITY RESULTS			
S. No.	Parameters	NAAQ Standards (industrial area)	Bandhi Village (71/1)
1	Date of Sampling		21.03.2025
2	Wind direction		SSW
3	Wind speed km/h		9
4	Relative Humidity %		41
5	Ambient Temp. (°C)		32
	Parameters		Pollutant Concentration
1	Particulate matter (size less than 10µm) or PM <sub>10</sub> (µg/m <sup>3</sup> )	100	62.48
2	Particulate matter (size less than 2.5µm) or PM <sub>2.5</sub> (µg/m <sup>3</sup> )	60	31.22
3	Sulphur Di-Oxide (SO <sub>2</sub> ) (µg/m <sup>3</sup> )	80	9.45
4	Oxide of Nitrogen (NO <sub>x</sub> ) (µg/m <sup>3</sup> )	80	14.50
5	Carbon mono Oxide mg/m <sup>3</sup> (CO)	4	<1.00

NAAQ- National Ambient Air Quality Standards CPCB Notification 18 th Nov. 2009

For CES Analytical and Research Services (I) Pvt. Ltd

  
UPADHYAY  
TECHNICAL MANAGER

  
Authorized Signatory  
SANTOSH KHANTAL  
QUALITY MANGAER



The Results relate only to the sample tested/ sampled

Note:- The Report will not valid for any legal case, if prior permission not taken from CES.

-----\*End of Report\*-----

42,48, Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

Telephone : 0755-4299319, Fax : 0755-4243510, Mobile : 9425009319

Email: cesanalytical@gmail.com, creativelab.bpl@gmail.com, Websearch : www.creativeenviroservices.com

### Note:

- No statutory liability will be accepted for samples not collected by CES Analytical and Research Services (I) Pvt. Ltd.
- The report shall not be reproduced except in full without permission of CES Analytical and Research Services (I) Pvt. Ltd., Bhopal





# CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD.

Accredited Organisation by National Accreditation Board for Testing and Calibration Laboratories (NABL) CIN : U74999MP2020PTC052747



TC-6872

## TEST REPORT

AMBIENT AIR QUALITY REPORT			
Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location:- Bandhi & Gorwahi Mines		ULR No: TC687225100000262F	
		Test Report No:-CES/LAB/Air/25/71	
		Dispatch No: 747	
		Issue Date: 01.04.2025	
		Client Ref: Nil	
Method of test : IS: 5182		Date : Nil	
Test required: As per work order		Sampling Details	
Sample Collected By:- CES representative		Sample Monitored	: Ambient Air Quality
Instrument used: Eco Tech FDS		Date of Sampling	: 21.03.2025
Page 1 of 1		Date of Receipt	: 25.03.2025
No. of Sampling Locations -04		Period of testing	: 25.03.2025 to 01.04.2025
Atmospheric condition : Clear		Duration of sampling	: 8 hrs
		Serial No. of samples	: 71/2

AMBIENT AIR QUALITY RESULTS			
S. No.	Parameters	NAAQ Standards (industrial area)	Ghorwai Village (71/2)
1	Date of Sampling		21.03.2025
2	Wind direction		SSW
3	Wind speed km/h		9
4	Relative Humidity %		41
5	Ambient Temp. (°C)		32
	Parameters		Pollutant Concentration
1	Particulate matter (size less than 10µm) or PM <sub>10</sub> (µg/m <sup>3</sup> )	100	65.00
2	Particulate matter (size less than 2.5µm) or PM <sub>2.5</sub> (µg/m <sup>3</sup> )	60	28.40
3	Sulphur Di-Oxide (SO <sub>2</sub> ) (µg/m <sup>3</sup> )	80	8.22
4	Oxide of Nitrogen (NO <sub>x</sub> ) (µg/m <sup>3</sup> )	80	13.00
5	Carbon mono Oxide mg/m <sup>3</sup> (CO)	4	<1.00

NAAQ- National Ambient Air Quality Standards CPCB Notification 18 th Nov. 2009

For CES Analytical and Research Services (I) Pvt. Ltd

Checked By:  
NEELAM UPADHYAY  
TECHNICAL MANAGER

Authorized Signatory  
SANTOSH KHANTAL  
QUALITY MANGAER

The Results relate only to the sample tested/ sampled

Note:-The Report will not valid for any legal case, if prior permission not taken from CES.

-----\*End of Report\*-----

42,48,Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

Telephone : 0755-4299319, Fax : 0755-4243510, Mobile : 9425009319

Email: cesanalytical@gmail.com, creativelab.bpl@gmail.com, Websearch : www.creativeenviroservices.com

### Note:

1. No statutory liability will be accepted for samples not collected by CES Analytical and Research Services (I) Pvt. Ltd.
2. The report shall not be reproduced except in full without permission of CES Analytical and Research Services (I) Pvt. Ltd., Bhopal





# CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD.

Accredited Organisation by National Accreditation Board for Testing and Calibration Laboratories (NABL) CIN : U74999MP2020PTC052747



TC-6872

## TEST REPORT

AMBIENT AIR QUALITY REPORT		
Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location:- Bandhi & Gorwahi Mines	ULR No: TC687225100000263F Test Report No:-CES/LAB/Air/25/71 Dispatch No: 747 Issue Date: 01.04.2025 Client Ref: Nil Date : Nil	
Method of test : IS: 5182	Sampling Details	
Test required: As per work order	Sample Monitored	: Ambient Air Quality
Sample Collected By:- CES representative	Date of Sampling	: 21.03.2025
Instrument used: Eco Tech FDS	Date of Receipt	: 25.03.2025
Page 1 of 1	Period of testing	: 25.03.2025 to 01.04.2025
No. of Sampling Locations -04	Duration of sampling	: 8 hrs
Atmospheric condition : Clear	Serial No. of samples	: 71/3

AMBIENT AIR QUALITY RESULTS			
S. No.	Parameters	NAAQ Standards (industrial area)	Mines Office (71/3)
1	Date of Sampling		21.03.2025
2	Wind direction		SSW
3	Wind speed km/h		9
4	Relative Humidity %		41
5	Ambient Temp. (°C)		32
	Parameters		Pollutant Concentration
1	Particulate matter (size less than 10µm) or PM <sub>10</sub> (µg/m <sup>3</sup> )	100	54.76
2	Particulate matter (size less than 2.5µm) or PM <sub>2.5</sub> (µg/m <sup>3</sup> )	60	32.20
3	Sulphur Di-Oxide (SO <sub>2</sub> ) (µg/m <sup>3</sup> )	80	9.00
4	Oxide of Nitrogen (NO <sub>x</sub> ) (µg/m <sup>3</sup> )	80	10.68
5	Carbon mono Oxide mg/m <sup>3</sup> (CO)	4	<1.00

NAAQ- National Ambient Air Quality Standards CPCB Notification 18<sup>th</sup> Nov. 2009

For CES Analytical and Research Services (I) Pvt. Ltd

Checked By:  
NEELAM UPADHYAY  
TECHNICAL MANAGER

Authorized Signatory  
SANTOSH KHANTAL  
QUALITY MANGAER

The Results relate only to the sample tested/ sampled

Note:- The Report will not valid for any legal case, if prior permission not taken from CES.

-----\*End of Report\*-----

42,48,Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

Telephone : 0755-4299319, Fax : 0755-4243510, Mobile : 9425009319

Email: cesanalytical@gmail.com, creativelab.bpl@gmail.com, Websearch : www.creativeenviroservices.com

### Note:

- No statutory liability will be accepted for samples not collected by CES Analytical and Research Services (I) Pvt. Ltd.
- The report shall not be reproduced except in full without permission of CES Analytical and Research Services (I) Pvt. Ltd., Bhopal





# CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD.

Accredited Organisation by National Accreditation Board for Testing and Calibration Laboratories (NABL) CIN : U74999MP2020PTC052747



TC-6872

## TEST REPORT

AMBIENT AIR QUALITY REPORT		
Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location:- Bandhi & Gorwahi Mines	ULR No: TC687225100000264F Test Report No:-CES/LAB/Air/25/71 Dispatch No: 747 Issue Date: 01.04.2025 Client Ref: Nil Date : Nil	
Method of test : IS: 5182	Sampling Details	
Test required: As per work order	Sample Monitored	: Ambient Air Quality
Sample Collected By:- CES representative	Date of Sampling	: 21.03.2025
Instrument used: Eco Tech FDS	Date of Receipt	: 25.03.2025
Page 1 of 1	Period of testing	: 25.03.2025 to 01.04.2025
No. of Sampling Locations -04	Duration of sampling	: 8 hrs
Atmospheric condition : Clear	Serial No. of samples	: 71/4

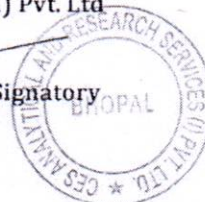
AMBIENT AIR QUALITY RESULTS			
S. No.	Parameters	NAAQ Standards (industrial area)	Near working Pit (71/4)
1	Date of Sampling		21.03.2025
2	Wind direction		SSW
3	Wind speed km/h		9
4	Relative Humidity %		41
5	Ambient Temp. (°C)		32
	Parameters		Pollutant Concentration
1	Particulate matter (size less than 10µm) or PM <sub>10</sub> (µg/m <sup>3</sup> )	100	59.64
2	Particulate matter (size less than 2.5µm) or PM <sub>2.5</sub> (µg/m <sup>3</sup> )	60	29.10
3	Sulphur Di-Oxide (SO <sub>2</sub> ) (µg/m <sup>3</sup> )	80	8.80
4	Oxide of Nitrogen (NO <sub>x</sub> ) (µg/m <sup>3</sup> )	80	11.56
5	Carbon mono Oxide mg/m <sup>3</sup> (CO)	4	<1.00

NAAQ- National Ambient Air Quality Standards CPCB Notification 18<sup>th</sup> Nov. 2009

For CES Analytical and Research Services (I) Pvt. Ltd

Checked By:   
TEELAM UPADHYAY  
TECHNICAL MANAGER

SANTOSH KHANTALE  
QUALITY MANGAER



The Results relate only to the sample tested/ sampled

Note:-The Report will not valid for any legal case, if prior permission not taken from CES.

-----\*End of Report\*-----

42,48,Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

Telephone : 0755-4299319, Fax : 0755-4243510, Mobile : 9425009319

Email: cesanalytical@gmail.com, creativelab.bpl@gmail.com, Websearch : www.creativeenviroservices.com

**Note:**

1. No statutory liability will be accepted for samples not collected by CES Analytical and Research Services (I) Pvt. Ltd.
2. The report shall not be reproduced except in full without permission of CES Analytical and Research Services (I) Pvt. Ltd., Bhopal





# CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD.

Accredited Organisation by National Accreditation Board for Testing and Calibration Laboratories (NABL) CIN : U74999MP2020PTC052747



TC-6872

## TEST REPORT

Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location:- Bandhi & Gorwahi Mines	ULR No.: TC687225200000076F Test Report No:-CES/LAB/Noise/25/72 Dispatch No: 747 Issue Date: 01.04.2025 Client Ref: Nil Date : Nil
Sample Particulars: Ambient Noise Level Monitoring	Date of monitoring : 21.03.2025
Test required: As given below	Date of Receipt : 25.03.2025
Protocol for testing : IS-9989-2001	Date of commencement of testing : 25.03.2025
Sample collected by: CES representative	Sample condition at receipt : Ok
Atmospheric condition: Clear	Sample tested as received : 25.03.2025

## TEST RESULTS

### Day Time

Sr. No	Location	Monitoring Time	Unit	Noise level	
				Minimum	Maximum
1	Bandhi Village	09:00 AM	dB(A)	40.30	52.70
2	Gorwai Village	09:10 AM	dB(A)	42.50	51.30
3	Mines office	09:20 AM	dB(A)	45.70	52.80
4	Near Working Pit	09:30 AM	dB(A)	46.30	54.00

### Night Time

Sr. No	Location	Monitoring Time	Unit	Noise level	
				Minimum	Maximum
1	Bandhi Village	10:00 PM	dB(A)	36.70	44.20
2	Gorwai Village	10:10 PM	dB(A)	38.00	41.60
3	Mines office	10:30 PM	dB(A)	40.10	42.80
4	Near Working Pit	10:40 PM	dB(A)	42.00	44.20

For CES Analytical and Research Services (I) Pvt. Ltd

Checked By:

NEELAM UPADHYAY  
TECHNICAL MANAGER

SANTOSH KHANDEL  
QUALITY MANAGER

The Results relate only to the sample tested/ sampled

Note:- The Report will not valid for any legal case, if prior permission not taken from CES.

-----\*End of Report\*-----

42, 48, Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

Telephone : 0755-4299319, Fax : 0755-4243510, Mobile : 9425009319

Email: cesanalytical@gmail.com, creativelab.bpl@gmail.com, Websearch : www.creativeenviroservices.com

### Note:

- No statutory liability will be accepted for samples not collected by CES Analytical and Research Services (I) Pvt. Ltd.
- The report shall not be reproduced except in full without permission of CES Analytical and Research Services (I) Pvt. Ltd., Bhopal





# CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD.

Accredited Organisation by National Accreditation Board for Testing and Calibration Laboratories (NABL) CIN : U74999MP2020PTC052747



TC-6872

## TEST REPORT

Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location:- Bandhi & Gorwahi Mines	ULR No.: TC687225200000077F Test Report No:-CES/LAB/Noise/25/73 Dispatch No: 747 Issue Date: 01.04.2025 Client Ref: Nil Date : Nil
Sample Particulars: HEMM Noise Level Monitoring	Date of monitoring : 21.03.2025
Test required: As given below	Date of Receipt : 25.03.2025
Protocol for testing : IS-9989-2001	Date of commencement of testing : 25.03.2025
Sample collected by: CES representative	Sample condition at receipt : Ok
No of Location:-16	Sample tested as received : 25.03.2025

## TEST RESULTS

Sr. No	Location	Noise level in dB(A)	Total exposure shift of 8 Hr. T. N. Hrs. Min.	Protection level required
Loader				
1	Inside of the cabin	52.40	6 hours	Ear plugs
2	Outside of the cabin			
	1m	54.60	6 hours	Ear plugs
	3m	52.30		
	5m	47.60		
Excavator PC 450				
3	Inside of the cabin	61.50	6 hours	Ear plugs
4	Outside of the cabin			
	1m	55.40	6 hours	Ear plugs
	3m	50.70		
	5m	47.60		
Excavator BE-1000E				
5	Inside of the cabin	56.70	6 hours	Ear plugs
6	Outside of the cabin			
	1m	61.40	6 hours	Ear plugs
	3m	59.30		
	5m	55.00		
Grader				
7	Inside of the cabin	62.70	6 hours	Ear plugs
8	Outside of the cabin			
	1m	63.20	6 hours	Ear plugs
	3m	60.00		
	5m	56.80		

For CES Analytical and Research Services (I) Pvt. Ltd

Checked By: NEELAM UPADHYAY  
TECHNICAL MANAGER

Authorized Signatory  
 SANTOSH KHANTAL  
QUALITY MANGAER

The Results relate only to the sample tested/ sampled

Note:-The Report will not valid for any legal case, if prior permission not taken from CES.

42,48,Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

Telephone : 0755-4299319, Fax : 0755-4243510, Mobile : 9425009319

Email: cesanalytical@gmail.com, creativelab.bpl@gmail.com, Websearch : www.creativeenviroservices.com

### Note:

- No statutory liability will be accepted for samples not collected by CES Analytical and Research Services (I) Pvt. Ltd.
- The report shall not be reproduced except in full without permission of CES Analytical and Research Services (I) Pvt. Ltd., Bhopal





# CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD.

Accredited Organisation by National Accreditation Board for Testing and Calibration Laboratories (NABL) CIN : U74999MP2020PTC052747



TC-6872

## TEST REPORT

Name & Address of the Customer To, M/S RCCPL Private Limited Maihar (M.P.) Location:- Bandhi & Gorwahi Mines	ULR No.: TC687225200000077F Test Report No:-CES/LAB/Noise/25/73 Dispatch No: 747 Issue Date: 01.04.2025 Client Ref: Nil Date : Nil
Sample Particulars: HEMM Noise Level Monitoring	Date of monitoring : 21.03.2025
Test required: As given below	Date of Receipt : 25.03.2025
Protocol for testing : IS-9989-2001	Date of commencement of testing : 25.03.2025
Sample collected by: CES representative	Sample condition at receipt : Ok
No of Location:- 16	Sample tested as received : 25.03.2025

## TEST RESULTS

Sr. No	Location	Noise level in dB(A)	Total exposure shift of 8 Hr. T. N. Hrs. Min.	Protection level required
<b>Drill machine</b>				
9	Inside of the cabin	65.10	6 hours	Ear plugs
10	Outside of the cabin			
	1m	67.30		
	3m	62.40	6 hours	Ear plugs
	5m	58.00		
<b>Dumper</b>				
11	Inside of the cabin	44.60	6 hours	Ear plugs
12	Outside of the cabin			
	1m	55.20		
	3m	47.30	6 hours	Ear plugs
	5m	44.10		
<b>Dozed</b>				
13	Inside of the cabin	56.00	6 hours	Ear plugs
14	Outside of the cabin			
	1m	57.30		
	3m	50.10	6 hours	Ear plugs
	5m	48.20		
<b>Compactor</b>				
15	Inside of the cabin	51.70	6 hours	Ear plugs
16	Outside of the cabin			
	1m	62.80		
	3m	57.20	6 hours	Ear plugs
	5m	45.50		

For CES Analytical and Research Services (I) Pvt. Ltd

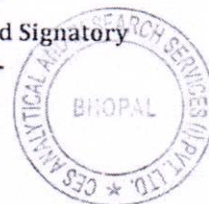
Checked By: NEELAM UPADHYAY  
TECHNICAL MANAGER

Authorized Signatory  
SANTOSH KHANTAL  
QUALITY MANGAER

The Results relate only to the sample tested/ sampled

Note:-The Report will not valid for any legal case, if prior permission not taken from CES.

-----\*End of Report\*-----



42,48,Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

Telephone : 0755-4299319, Fax : 0755-4243510, Mobile : 9425009319

Email: cesanalytical@gmail.com, creativelab.bpl@gmail.com, Websearch : www.creativeenviroservices.com

### Note:

- No statutory liability will be accepted for samples not collected by CES Analytical and Research Services (I) Pvt. Ltd.
- The report shall not be reproduced except in full without permission of CES Analytical and Research Services (I) Pvt. Ltd., Bhopal