

JAYASWAL NECO INDUSTRIES LTD

CIN : L28920MH1972PLC016154 (STEEL PLANT DIVISION)

SILTARA GROWTH CENTRE, BILASPUR ROAD, SILTARA, RAIPUR - 493111 (C.G.) - INDIA

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JNUL/ENV/Manpur/2023/161

Date : 27/11/2023



The Deputy Director General of Forests (Central),
Ministry of Environment, Forest & Climate Change,
Regional Office (Western Central Zone),
Ground Floor East Wing, New Secretariate Building,
Civil Lines, Nagpur-440 001.

Sub:- Regarding compliance for the period 1st April, 2023 to 30th September, 2023 to the conditions of Environment Clearance for Manpur Open cast limestone Mine with production capacity 78,000 TPA, (Lease area-12.145 ha.) located near village - Manpur, Tehsil-Sahaspur Lohara, District-Kabirdham (Chhattisgarh).

Ref :- (i) EC letter No. 905/SEIAA-CG/EC/Mining/RYP/41/08, Raipur Dated 31/07/2014.
(ii) Amendment E.C. vide order No.91/SEIAA, C.G./EC/Lime Stone / Kabirdham/41 Raipur Dated.26/04/2017.

Sir,

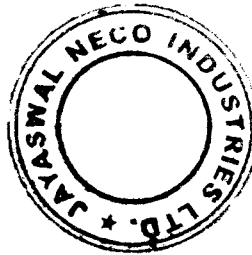
This has with reference to the above referred letter for the subject matter. Please find enclosed herewith the Six Monthly Environmental Clearance Compliance Status Report of Manpur Lime Stone Mine-12.145 Ha, Village-Manpur, Tehsil-Sahaspur Lohara, District-Kabirdham(Chhattisgarh) for the period of 1st April, 2023 to 30th September, 2023.

This is for your kind information please.

Thanking you,

Yours faithfully,
For Jayaswal Neco Industries Ltd.


Susanta Kumar Moitra
Associate Director



Encl: As above.

CC to :

1. The Member Secretary, Chhattisgarh Environmental Conservation Board, Paryavas Bhavan, North Block Sector-19, Atal Nagar, Raipur (C.G.) 490 099.	2. The M.S. – SEAC, Chhattisgarh, Paryavas Bhavan, North Block Sector-19, Naya Raipur (C.G.) 490 099.
3. The Integrated Regional Officer, MoEF & CC, Govt. of India, Aranya Bhawan, North Block, Sector-19, Nava Raipur, Atal Nagar, Chhattisgarh.	4. The Zonal Officer, Central Pollution Control Board, Sahkar Bhawan, 3 rd Floor, North T.T. Nagar, Bhopal (M.P.).
5. The Regional Officer, Chhattisgarh Environmental Conservation Board, 5/32 Bungalow, Bhilai, District-Durg (C.G.)	

Compliance Status of Environment Clearance
(Period from 1st April, 2023 to 30th September, 2023)

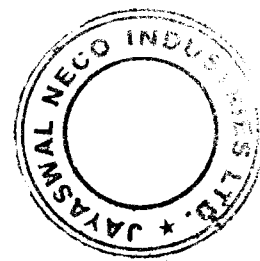
Capacity & Location:- Manpur Opencast Lime stone Mine with production capacity 78,000 TPA. (Lease area-12.145 ha.) issued vide letter 905/SEIAA-CG/EC/Mining/RYP/41/08, Raipur Dated 31/07/2014. located near village - Manpur, Tehsil-Sahaspur Lohara, District-Kabirdham(Chhattisgarh).

EC Letter No:- 905/SEIAA-CG/EC/Mining/RYP/41/08, Raipur Dated 31/07/2014.

Sr. No.	Particulars	Compliance
A.	<u>Specific Conditions</u>	
i.	No two pits shall be simultaneously worked i.e. before the first pit is exhausted and reclamation work completed no mineral bearing area shall be worked. Maximum depth of the mine shall not be more than 10 meters. Underground water table shall not be encountered due to any mining operations under any circumstances.	At present only one pit is being worked.
ii.	After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation works in the exhausted pit shall be completed so as to ensure that reclamation, forest cover and vegetation are visible during the first year of mining operations in the next pit. This process shall follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any ore bearing area is worked.	At present First pit is being worked and working in second pit has not started.
iii.	Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.	Agreed.
iv.	Fugitive dust suppression shall be controlled. Fugitive dust emission shall be relatively monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and periodic reports shall be submitted to Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal.	Regular monitoring is carried out and report submitted to all govt. office along with monthly/half yearly report.
v.	Project authority shall ensure outlet dust (particulate matter) emission less than 50 mg/NM3. Project authority shall confirm to the standards prescribed in schedule-1 of Environment (Protection) Rules, 1986 (as amended) by Ministry of Environment & Forests, Government of India. The Chhattisgarh Environment Conservation Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location. At no time the emission level shall go beyond the prescribed standards.	This condition is not applicable for mining.



vi.	Shelter belt i.e. wind break of 30m width and consisting of at least 5 tiers around lease facing the school / habitation / agriculture fields (if any in the vicinity) shall be raised.	Compliance assured.
vii.	A 50m barrier of no mining zone all along the side(s) facing the nallah (if any) passing through the lease area of passing adjacent to the lease shall be demarcated and thick vegetation of native species raised in the said barrier. Status of implementation shall be submitted to Chhattisgarh Environment Conservation Board, Raipur Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forest, Government of India, Bhopal half yearly basis.	Compliance done as per the conditions stipulated in the NOC granted by the irrigation department.
viii.	It shall be ensured that no silt originating due to mining activity is transported to the any surface water course running in and around the lease area.	Silt generated due to mining activity is negligible.
ix.	Need based assessment of the nearby villages shall be conducted to study economic measures which can help in up-liftment of poor section of society. Income generating projects/ tools such as development of fodder farm, fruit bearing orchids, vocational training etc. can form a part of such programme, Project authority shall provide separate budget for community development activities and income generating programmes. This shall be addition to vocational training for individuals imparted to take up self-employment and jobs.	Noted.
x.	Project authority shall adopt additional two villages for community development works in order to improve the amenities as a part of commitment towards social and economic up-liftment of the area. As per demand of public, the proposal for providing cement on the concession rates to the local people will be implemented shortly.	CSR activity as per villager's requirement of Manpur village is being done.
xi.	Land use pattern of the near-by villages shall be studied and action plan for abatement and compensation for damage to agricultural land / common property land(if any) in the near by villages due to mining activity shall be submitted to Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal within six months, Annual status of implementation of the plan and expenditure thereon shall be reported to the Chhattisgarh Environment Conservation Board, Raipur. Regional Office Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forest, Govt. of India, Bhopal from time to time.	No Agricultural Land is involved. In Mining activity, Precaution is being taken to save the public property so that damage could not be done.
xii.	Maintenance of village roads through which transportation of ores are undertaken shall be carried out by the project authority regularly at its own expenses. The roads shall be black topped.	Maintenance of village road is being done as and when required.



xiii.	<p>Project authority shall adopt rainwater-harvesting technique in the project area for recharge of ground water. The rainwater-harvesting technique shall be incorporated right from the design stage of all structures. Project authority shall develop rainwater harvesting structures to harvest the rainwater for utilization in the lean season as well as to recharge the ground water table. A detailed scheme for rainwater harvesting to recharge the ground water aquifer shall be prepared in consultation with Central Ground Water Authority/ State Ground Water Board. A copy of the same shall be submitted within three months to the Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal. Prior permission from the competent authority shall be obtained for extraction of ground water and project authority shall submit permission from Central Ground Water Board for withdrawal of ground water.</p>	<p>Due to hard rock it is difficult to adopt Rainwater Harvesting Pond however old pit in Mines area has been developed to store the water and to use in Borewell to restore Ground Water Level.</p> <p>Permission for withdrawal of Ground Water has been obtained from the Competent Authority.</p>
xiv.	<p>Measures of prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geo textile mating or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.</p>	<p>No topsoil encountered in the mine area.</p>
xv.	<p>Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and for waste dump and sump capacity shall 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 shall 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 de listed at regular intervals Trenches / garlands drains shall be constructed at foot of dumps installed at regular intervals to arrest silt from being carried out top water bodies. Adequate number of check dams and gully plugs shall be constructed across seasonal / perennial nallahs (if any) flowing through the ML area and silts arrested. De-silting at regular intervals shall be carried out.</p>	<p>Since no waste is generated till date therefore no waste dump has been created. For mine pit due to hard rock it is difficult to construct Garland drain however bund has been created surrounding mine pit to arrest the water during rainy season.</p>
xvi.	<p>Ground water in the core zone shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Chhattisgarh Environment Conservation Board, Raipur. Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India., Bhopal regularly. Further monitoring points shall be located between the mine and drainage in the direction of flow of ground water shall be up and records maintained.</p>	<p>Recent Ground Water Analysis report is attached as Annexure-1.</p>



xvii.	Cultivable waste land (within 5 km of the lease) shall be identified and fodder farming or other suitable productive use of waste land shall be taken up in phased manner. Status of implementation shall be submitted to the Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal.	No waste is generated from Mine.
xviii.	Adequate protection against dust and other environmental pollution arising due to mining activity shall be made so that human habitation located near the lease (as applicable) are not adversely affected. The status of implementation shall be reported to the Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests Government of India. Bhopal and work shall be completed before start of mining.	Water Sprinkling is done on regular interval as per requirement.
xix.	Monitoring of soil samples for assessment of contamination due to mining activity (as applicable) shall be regularly conducted and records maintained.	Analysis report attached.
xx.	Transportation of lime stone shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of lime stone / dust takes place.	The vehicle used for transportation of mineral, covered vehicle with tarpaulin to prevent spillage or dust generation.
xxi.	Occupational health and safety measures of the workers including identification of work related health hazards, training on materials eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. The Project authority shall engage a full time qualified doctor who is trained in occupational health. Periodic monitoring for exposure to repairable mineral dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for workers on impact of mining on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures undertaken (at intervals of five years or less) shall be conducted followed by follow up action where ever required.	The Medical Checkup of the employees and labours are being done as per DGMS norms.
xxii.	Top soil / soil waste shall be stacked properly with proper slope and adequate safeguards and shall utilized for backfilling (where ever applicable) for reclamation and rehabilitation of mined out areas. Top soil shall be separately stacked for utilizing later for reclamation and shall not be stacked along with overburden.	There is no any generation of top soil in lease area till date.
xxiii.	Overburden (OB) shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 06 meter and overall slope of the dump shall not exceed 28deg. The OB dump shall be backfilled. The OB	There is no generation of overburden till date. However, in future if required the generated waste shall be kept



	dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off.	separately in waste dump according to prescribed rule.
xxiv.	A study shall be commissioned to study the various slope stability parameters to reach at the optimum slope angle. Appropriate factor of safety shall be adopted based on the study and sensitivity analysis of critical parameters of slope stability.	Noted. All safety precautions adopted during the mining operations.
xxv.	Study report on subsidence and stage wise development plan starting from 5 th year of operation till the end of the mine at an interval of 5 years should be submitted. Regular monitoring of subsidence movement on the surface over working area and impact on water bodies / vegetation / structures /surrounding should be continued till movement ceases completely. In case of observation of any high rate of subsidence movement, appropriate measures should be taken to avoid loss of life and material. Cracks should be effectively plugged with ballast and clayey soil / suitable material.	Noted. All safety precautions adopted during the mining operations.
xxvi.	Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal on six monthly basis.	Noted. All safety precautions adopted during the mining operations.
xxvii.	Adequate plantation shall be raised in the mining lease area, haul roads, OB dump sites etc. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agricultural Departments. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. A wide green belt of broad leaf local species shall be developed in at least 33% of the project area. The density of the trees shall not be less than 2500 plants per Ha. The Project authority shall involve local people with the help of self help group for plantation programme. Details of year wise afforestation programme including rehabilitation of mines out area shall be submitted to the Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forest, Government of India, Bhopal every year.	We had planted 125 Nos. saplings Mining Lease area in monsoon season, 195 saplings distributed nearby Villages & 40 Nos. saplings done at outside the lease area – during the year – 2023. Types of Plants Gulmohar, Bans, Nimu, Munga, Bel, Sitafal, Khamhar & Karanj.
xxviii	Regular monitoring of ground water level and quality shall be carried out 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 shall be regularly sent to the Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board,	Ground Water Level Monitoring report attached as Annexure- 2.



	Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forest, Government of India, Bhopal, Central Ground Water Authority and Regional Director, Central Ground Water Board.	
xxix.	Adequate air monitoring stations shall be installed in the areas of human habitations near the mine and the results of ambient air quality shall be maintained and regularly submitted to Chhattisgarh Environment Conservation Board, Raipur Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Environment & Forests, Government of India, Bhopal.	Regular monitoring is being done and monitoring results are submitted to all concerned agencies along with Monthly / Half yearly reports.
xxx.	The waste water from the mine shall be treated to conform to the prescribe standards before reuse in different purpose. The discharged water from the settling pond shall be regularly monitored and report submitted to the Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh, and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal Central Pollution Control Board.	No waste water generated from the mining activity.
xxxi.	Vehicular emissions shall be kept under control and regularly monitored Vehicles used for transportation of ores and ores and others shall have valid permissions as prescribed under Central Motor Vehicles Rules, 1989 and its amendments. Transportation of ore shall be done only during day time. The vehicles transporting ores shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation. No overloading of lime stone for transportation shall be committed.	Complied, regular monitoring of vehicle is being done Transportation is being done only in day time with tarpaulin cover.
xxxii.	Detailed action plan with respect to suggestions / improvements and recommendations made during public consultation / hearing shall be submitted to the Chhattisgarh Environment Conservation Board, Raipur,* Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh, Government of Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal within six months. Implementation status shall be submitted every six month regularly.	Complied.
xxxiii.	A final mine closure plan, along with details of corpus fund shall be submitted to the SEIAA, Chhattisgarh and Regional Office, Ministry of Environment Forests, Government of India, Bhopal in 5 years in advance of the final mine closure for approval.	Noted..
B.	General Conditions	
i.	No change in mining technology and scope of working shall be without prior approval of SEIAA, Chhattisgarh.	Mining technology and scope of work is as per Mining Plan.
ii.	No change in calendar plan including excavation, quantum of mineral and waste shall be made.	Mining technology and scope of work is as per Mining Plan.

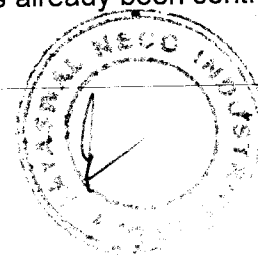
iii.	Fugitive dust emissions from all the sources shall be controlled regularly Water spaying arrangement on haul roads, loading and at regular points shall be provided and properly maintained.	Complied, regular water spray is done to control fugitive dust emission.
iv.	Four ambient air-quality monitoring stations shall be established in the core zone as well as in the buffer zone for PM2.5, PM10, SO2, NOX monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecology sensitive targets and frequency of monitoring should be undertaken in consultation with the Chhattisgarh Environment Conservation Board.	Since it is an operating mine air monitoring stations are established and data of air quality is monitored on regular intervals and submitted regularly. Air quality monitoring report for the period 1 st April, 2023 to 30 th September, 2023 is enclosed for your reference - Annexure-A.
v.	Date of ambient air quality (PM2.5, PM10, SiO2, NOX) should be regularly submitted to the Chhattisgarh Environment Conservation Board, Raipur, Regional Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh, Government of Chhattisgarh and Regional Office, Ministry Environment & Forests, Government of India, Bhopal and Central Pollution Control Board once in six months.	Complied, last half yearly report for the period of 1 st Oct-2022 to 31 st March-2023 is submitted to all concern govt. offices vide our letter No.JNIL/ ENV/ Manpur/ 2023/74 dated 26/05/2023.
vi.	Project authority shall take proper action to control the noise pollution. Workers engaged in operations of HEMM etc. shall be provided with ear plugs, muffs. The noise level shall not exceed the limits 75 dB (A) during the day time and 70 dB (A) during the night time within the mine premises Project authority shall take adequate measures for control of noise level below 85 dB (A) in the work environment. Workers engaged in noisy areas shall be periodically examined to maintain audio metric record and for treatment for any hearing loss including rotating them to non-noisy / less noisy areas.	Noise monitoring being carried. Noise monitoring report for the period 1 st April, 2023 to 30 th September, 2023 is enclosed for your reference - Annexure-B.
vii.	Project authority shall provide adequate facility for proper treatment of industrial effluent mine water and domestic effluent. Project authority shall provide effluent treatment plant. Treated / un-treated effluent collection pond shall be lined suitably to prevent seepage in to ground for avoiding ground water contamination. All the effluent treatment system shall be kept in good running condition all the time and failure (if any), shall be immediately rectified without delay otherwise similar alternate arrangement shall be made. Project authority shall ensure the treated effluent quality within standard prescribed by Ministry of Environment & Forests, Government of India.	No waste water generated from mines operation.
viii.	Any liquid effluent what so ever generated from industrial and mining activities shall not be discharged in the river or any surface water bodies under any circumstances, and it shall be reused wholly in the process / plantation. All the industrial effluent generated shall be re-circulated / reused after proper treatment.	No waste water generated from mines operation.



	Project authority shall provide sewage treatment plant of adequate capacity for treatment of domestic effluent generated. The untreated domestic effluent shall not be discharge into the river or any surface water bodies. The treated domestic effluent shall be used for plantation purpose after proper disinfection. Project authority shall make proper arrangements of suitable drains / pipe networks to ensure adequate flow for utilization of treated effluent inside the premises. The concept of zero discharge shall be maintained all the time except during monsoon. Arrangements shall be made that effluents and storm water do not get mixed.	
ix.	Project authority shall provide adequate measuring arrangements for the measurement of water utilized in different categories and effluent generated before commissioning of the mining activity.	Flow Meter as monitoring arrangement is provided for water consumption.
x.	Personal working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.	Necessary PPE's provided to the personals working in dusty areas.
xi.	Occupational Health Surveillance of the workers should be done on a regular basis and records maintained as per the factories Act and records shall be maintained properly for at-least 30-40 years.	Occupational Health Surveillance of the workers is done on a regular interval and records maintained.
xii.	The project authority shall also comply with all the environmental protection measures and safe guards recommended in the EIA/EMP report.	All the Environmental Protection measures and safeguards recommended in the EIA/EMP report is being complied.
xiii.	Provisions shall be made for the housing the laborers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medicinal health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	The Mining area is just 12.145 Hectares, where in the entire area is exposed to rocks. No permanent or temporary structure could be created in the mining lease area.
xiv.	Project authority shall establish an environmental management cell to carryout function relating to environmental management under the supervision of senior executive who shall directly report to the head of organization. A full-fledged laboratory with qualified technical/scientific staffs to monitor the influent, ground water, surface water, soil and ambient air quality etc. shall be provided.	Centralized environment cell with full-fledged laboratory is established at Steel Plant Division Raipur for monitoring and analysis of all the parameters.
xv.	Adequate funds shall be allocated for undertaking CSR activities (community welfare, environmental development activities apart from committed plantation) and in any case it shall not be less than 5% of the royalty along with 10% annual increase in subsequent years. Details of activities shall also be submitted to Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Environment & Forest, Government of India, Bhopal. The funds earmarked for the	In CSR expenses for the period from 1 st April, 2023 to 30 th September, 2023 Rs.5000 (Rupees Five Thousand Only) for head of expenditures in, Promotion Development of Traditional Art, Culture & Community Welfare for the period from 1



	environment protection measures shall not be diverted for other purpose and year-wise expenditure should be reported to the Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal. Piped drinking water, school, development of pastureland for cattle feed and medical facilities as desired by Gram Panchayat(s) to be provided. Local labourers shall be given employment in the mines.	April, 2023 to 30 th September, 2023 Environment Expenditure Rs.36,250.00 (Rupees Thirty Six Thousand Two Hundred Fifty Only).
xvi.	The issuance of this environment clearance does not convey any property rights in either real or personal property, or any exclusive privileges, nor does not authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local laws or regulations.	Noted.
xvii.	SEIAA, Chhattisgarh reserves the right to amend / cancel any of the conditions and add new conditions and make further stringent the emission / effluent limit 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.	Noted.
xviii.	Project authority shall ensure the generation of employment in the local areas, recruitment shall be done by inviting applications first from the local residents of the Chhattisgarh State. In case of non-availability of suitable candidates for certain post in the first attempt the project authority may call the applications as second call not only from local residents of the Chhattisgarh State but also from other State.	Local people has been engaged in mine.
xix.	The project authority shall advertise in at-least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance and copies of clearance letter are available with the Chhattisgarh Environment Conservation Board and may also seen at Website of the Ministry of Environment and Forests at www.envfor.nic.in and website of SEIAA, Chhattisgarh at www.seiaacg.org .	Advertised in two news papers name Dainik Bhaskar and Navbharat dated 06.08.2014.
xx.	Half yearly report on the status of implementation of the stipulated conditions, monitoring data along with statistical interpretation and Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Bhilai-Durg, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal.	Complied, last half yearly report for the period of 1 st Oct, 2022 to 31 st March, 2023 is submitted to all concern govt. offices vide our letter No. JNIL/ ENV/ Manpur/ 2023/74 dated 26/05/2023.
xxi.	Regional office of the Ministry of Environment and Forests at Bhopal shall monitor the implementation of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report and Environment Management plan	As directed desired document has already been sent.



	along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.	
xxii.	The Project Authority shall inform the Regional Office as well as the SEIAA, Chhattisgarh regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of commissioning of plant.	Shall be informed accordingly.
xxiii.	Full cooperation shall be extended to the Scientists / Officers from the SEIAA, Chhattisgarh, Ministry of Environment & Forests, Government of India / Regional Office, Ministry of Environment & Forests, Government of India, Bhopal / the CPCB / Chhattisgarh Environment Conservation Board, who shall be monitoring the compliance of environment status.	Agreed to comply.
xxiv.	In case of any deviation or alteration in the proposed project from those submitted to this SEIAA, Chhattisgarh for clearance, a fresh reference should be made to the SEIAA, Chhattisgarh to assess the adequacy of the condition(s) imposed and to add additional environment protection measures required, if any. No further expansion or modifications in the plant should be carried out without prior approval of the Ministry of Environment & Forests, Government of India, / SEIAA, Chhattisgarh.	Shall be informed accordingly.
xxv.	The Project Authority must strictly adhere to the stipulations made by the Chhattisgarh Environment Conservation Board (CECB) and the State Government.	Already been adhered the stipulated conditions imposed by CECB.
xxvi.	The above stipulations shall be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) act, 1986 and rules there under, Hazardous Wastes (Management, Handling and Trans Boundary Movement) Rules, 2008 and its amendments the Public Liability Insurance Act, 1991 and its amendments.	Already been adhered the stipulated conditions.
xxvii.	A copy of Clearance letter shall be marked to concerned Panchayat /Local / NGO if any, from whom suggestion / representation has been received while processing the proposal.	Already been displayed in Panchayats to this condition.
xxviii.	Chhattisgarh Environment Conservation Board shall display a copy of the Clearance letter at the Regional Office, District Trade And Industries Center and Collector's Office / Tehsildar's Office for 30 days.	Complied. It is informed that the EC letter has been displayed in companies to this condition.
xxix.	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.	Noted.



Amendment Environment Clearance Compliance report vide order No.91/SEIAA, C.G./EC/Lime Stone / Kabirdham/41 Raipur Dated.26/04/2017.

S.N o.	Condition	Compliance
1	The capacity of Crushing & Screening Unit shall not be more than 50 TPH.	The Capacity of Crushing & Screening Unit is 50 TPH.
2	For Air Pollution Control in Crushing & Screening Unit, Industry shall install bag filter with suction Hoods. For Control of Fugitive dust emission in Crushing & Screening unit, at transfer points / Junction points fogging system shall be provided and it shall be covered with green net. For dust emission points water sprinkling arrangement shall be provided.	Crusher and Screen unit fully covered and have in built water sprinkling / fogging system for control of dust emission. All transfer points and conveyor belt covered to prevent dust emission.
3	Wind breaking wall shall be constructed in the Crushing & Screening Unit area.	Green Net has been provided in the Crushing and Screening Unit.
4	Tree Plantation shall be carried out in the first year itself. In case tree plantation is not carried out, the Environment Clearance issued may be cancelled.	We had planted 125 Nos. saplings Mining Lease area in monsoon season, 195 saplings distributed nearby Villages & 40 Nos. saplings done at outside the lease area – during the year – 2023. Types of Plants Gulmohar, Bans, Nimu, Munga, Bel, Sitafal, Khamhar & Karanj.



Annexure-A

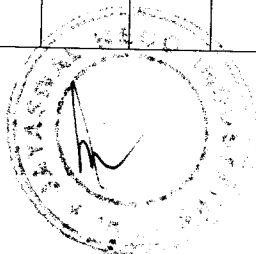
Manpur Lime Stone Mine-12.145 Ha., Tehsil-Sahaspur Lohara, Distt-Kabirdham(C.G.)
AMBIENT AIR QUALITY MONITORING DATA

April - 2023
 (All values are in $\mu\text{g}/\text{m}^3$)

SL. No.	Location	Direction	Parameters											
			PM 10			PM 2.5			SO _x			NO _x		
			Min.	Max.	Avg.	Min.	Max	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.
	Permissible Limit		100			60			80			80		
1.	Towards Ranjeetpur Village	North	22	41	33	18	24	21	7.1	11.8	9.6	7	12	10
2.	Towards Manpur Village	East	22	43	36	21	25	23	7	12.2	9.9	7.2	12	10.5
3.	Towards Sitlamata Mandir	South	19	43	34	20	25	22	7.2	12.6	10.7	7	12	9.6
4.	Towards Singangarh Village	West	20	44	33	21	25	23	7.2	12.2	10.3	7.1	12.3	10.3

May - 2023
 (All values are in $\mu\text{g}/\text{m}^3$)

SL. No.	Location	Direction	Parameters											
			PM 10			PM 2.5			SO _x			NO _x		
			Min.	Max.	Avg.	Min.	Max	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.
	Permissible Limit		100			60			80			80		
1.	Towards Ranjeetpur Village	North	22	45	34	19	25	22	7.2	12.2	10.1	6.9	12.3	9.6
2.	Towards Manpur Village	East	19	44	36	22	26	24	7.1	12.4	10.3	7	12.5	10.3
3.	Towards Sitlamata Mandir	South	22	45	35	20	25	22	7.1	12.4	10.4	7.2	12.7	10
4.	Towards Singangarh Village	West	22	46	37	20	27	24	6.9	12.7	10.4	7.2	12.1	10.4



June - 2023
(All values are in $\mu\text{g}/\text{m}^3$)

SL. No.	Location	Direction	Parameters											
			PM 10			PM 2.5			SO _x			NO _x		
			Min.	Max.	Avg.	Min.	Max	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.
	Permissible Limit		100			60			80			80		
1.	Towards Ranjeetpur Village	North	19	46	34	20	26	23	7	12	9.6	7	12.4	10.1
2.	Towards Manpur Village	East	19	45	37	21	25	23	6.9	12.2	9.8	7.2	12.3	10.8
3.	Towards Sitlamata Mandir	South	23	45	36	21	26	24	7	12.3	10.4	7.2	12.5	10
4.	Towards Singangarh Village	West	23	48	38	20	26	23	6.9	12.7	10.4	7.2	12.1	10.4

July - 2023
(All values are in $\mu\text{g}/\text{m}^3$)

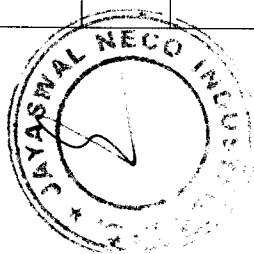
SL. No.	Location	Direction	Parameters											
			PM 10			PM 2.5			SO _x			NO _x		
			Min.	Max.	Avg.	Min.	Max	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.
	Permissible Limit		100			60			80			80		
1.	Towards Ranjeetpur Village	North	18	40	32	20	26	23	7.2	12.4	10.1	7.1	12.3	10
2.	Towards Manpur Village	East	22	41	35	19	25	22	7.1	11.9	9.9	6.9	12	10.1
3.	Towards Sitlamata Mandir	South	19	38	31	18	25	22	7.3	11	9.9	7	12.3	9.8
4.	Towards Singangarh Village	West	22	40	34	18	24	21	7.2	12.2	10.6	7.3	11.4	10.3

Aug - 2023
(All values are in $\mu\text{g}/\text{m}^3$)

SL. No.	Location	Direction	Parameters											
			PM 10			PM 2.5			SO _x			NO _x		
			Min.	Max.	Avg.	Min.	Max	Avg.	Min.	Max.	Avg.	Min.	Max	Avg.
	Permissible Limit		100			60			80			80		
1.	Towards Ranjeetpur Village	North	22	43	34	19	25	22	7.1	12.2	9.9	7.2	11.9	9.6
2.	Towards Manpur Village	East	22	41	35	18	26	23	7	12.3	9.7	7.2	12.5	10.8
3.	Towards Sitlamata Mandir	South	23	40	32	19	25	22	7.1	12.1	10.2	7.3	12	9.8
4.	Towards Singangarh Village	West	22	40	34	18	25	22	7.2	12	10.4	6.9	12.4	10.5

September - 2023
(All values are in $\mu\text{g}/\text{m}^3$)

SL. No.	Location	Direction	Parameters											
			PM 10			PM 2.5			SO _x			NO _x		
			Min.	Max.	Avg.	Min.	Max	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.
	Permissible Limit		100			60			80			80		
1.	Towards Ranjeetpur Village	North	22	41	34	20	26	23	7.2	12.8	10.4	7	12.4	9.7
2.	Towards Manpur Village	East	19	42	35	19	25	22	7.1	12	10.1	6.9	12.2	10.2
3.	Towards Sitlamata Mandir	South	19	38	31	19	26	23	6.9	12.3	10	7	12	9.4
4.	Towards Singangarh Village	West	23	40	34	18	24	21	7.1	12.5	9.9	7	12.2	10.5



Manpur Lime Stone Mine (12.145 Ha.)
Tehsil-Sahaspur Lohara, District-Kabirdham(C.G.)

Annexure -B

NOISE LEVEL MONITORING DATA FOR THE MONTH OF April – 2023

S.No.	Location	Day Time - 75 dB (A)		
		Min.	Max.	Avg.
1	Towards Ranjeetpur Village	40	58	49
2	Towards Manpur Village	41	61	51
3	Towards Sitlamata Mandir	41	59	50
4	Towards Singangarh Village	40	62	51

NOISE LEVEL MONITORING DATA FOR THE MONTH OF May – 2023

S.No.	Location	Day Time - 75 dB (A)		
		Min.	Max.	Avg.
1	Towards Ranjeetpur Village	42	62	52
2	Towards Manpur Village	40	60	50
3	Towards Sitlamata Mandir	43	61	52
4	Towards Singangarh Village	40	63	51.5

NOISE LEVEL MONITORING DATA FOR THE MONTH OF June – 2023

S.No.	Location *	Day Time - 75 dB (A)		
		Min.	Max.	Avg.
1	Towards Ranjeetpur Village	40	60	50
2	Towards Manpur Village	42	64	53
3	Towards Sitlamata Mandir	41	59	50
4	Towards Singangarh Village	42	61	51.5

NOISE LEVEL MONITORING DATA FOR THE MONTH OF July. – 2023

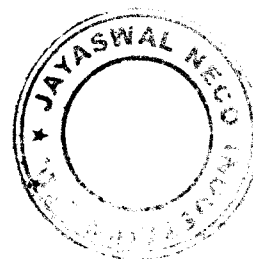
S.No.	Location	Day Time - 75 dB (A)		
		Min.	Max.	Avg.
1	Towards Ranjeetpur Village	42	59	50.5
2	Towards Manpur Village	40	62	51
3	Towards Sitlamata Mandir	41	63	52
4	Towards Singangarh Village	40	58	49

NOISE LEVEL MONITORING DATA FOR THE MONTH OF August – 2023

S.No.	Location	Day Time - 75 dB (A)		
		Min.	Max.	Avg.
1	Towards Ranjeetpur Village	40	61	50.5
2	Towards Manpur Village	41	58	49.5
3	Towards Sitlamata Mandir	40	60	50
4	Towards Singangarh Village	40	62	51

NOISE LEVEL MONITORING DATA FOR THE MONTH OF September – 2023

S.No.	Location	Day Time - 75 dB (A)		
		Min.	Max.	Avg.
1	Towards Ranjeetpur Village	41	60	50.5
2	Towards Manpur Village	40	63	51.5
3	Towards Sitlamata Mandir	40	58	49
4	Towards Singangarh Village	41	61	51





HDD-272, Phase III - Near JP Chowk
Ring Road No. 2, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4027777 | Email : ultimatenviro@gmail.com

Recognized by Ministry of Environment Forest and Climate Change under EP act 1996

Name & Address Of The Customer		REPORT NO.	UES/TR/23-24/01431
To, M/s Manpur Lime Stone Mine - (12.145 Ha), Tehsil - Sahaspur Lohara, Dist. - Kabirdham (C.G.)		LAB REF NO.	UES/23-24/FE/02810-02813
		DATE OF SAMPLING	29/05/2023 - 30/05/2023
		DATE OF RECEIPT	30/05/2023
		DATE OF REPORT	03/06/2023
		DATE OF ANALYSIS	START: 30/05/2023 END: 03/06/2023
SAMPLE DETAILS			
Monitoring For	Ambient Air Quality Monitoring		
Sampling Location	1. Ranjeetpur Village - N 2. Manpur Village - SE 3. Sitlamata Mandir - S 4. Singangarh Village - W		
Customer Ref. No. & Date	420002682, DATED - 06/05/2023		
Duration Of Sampling	As per CPCB norms		
Sample Collected by	Laboratory Chemist		
Sampling Procedure	As Per Method Reference		
Sample Quantity/Packing	Filter Paper (PM10): 1X1 No., Filter Paper (PM2.5): 1X1 No. SO2: 30mLX1 No. PVC Bottle, NO2: 30mLX1 No. PVC BOTTLE, Rubber Bladder: 1X1 No., C6H6: CHARCOAL Tube. OZONE: 10mLX1 No. Brown PVC Bottle, NH4: 10mLX1 No. Brown PVC Bottle		

TEST REPORT

Parameter	Unit	NAAQM Standard	METHOD REFERENCE	Results			
				Ranjeetpur Village - N	Manpur Village - SE	Sitlamata Mandir - S	Singangarh Village - W
Particulate Matter size less than 10 microns (PM ₁₀)	µg/m ³	100	IS 5182 (Part 23): 2006 & CPCB Guidelines Vol. -I	49.4	47.2	45.7	48.6
Particulate Matter size less than 2.5 microns (PM _{2.5})	µg/m ³	60	IS 5182 (Part 24): 2019 CPCB Guidelines Vol. -I	29.6	27.1	28.4	29.9
Sulphur Dioxide (SO ₂)	µg/m ³	80	IS 5182 (Part 2): 2001, RA 2006 & CPCB Guidelines Vol. -I	8.2	7.0	6.6	7.6
Nitrogen Dioxide (NO ₂)	µg/m ³	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol. -I	12.0	10.5	9.1	11.6
Carbon Monoxide (CO)	mg/m ³	4.0	IS 5182 (Part 10): 1999, RA 2003	0.34	0.26	0.13	0.29
Ozone (O ₃)	µg/m ³	180	CPCB Guidelines Vol-I	8.1	6.9	6.3	7.4
Ammonia (NH ₃)	µg/m ³	400	CPCB Guidelines Vol-I	6.9	5.3	4.6	6.2
Arsenic (As)	ng/m ³	6.0	CPCB Guidelines Vol-I and AAS Method	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	ng/m ³	20	CPCB Guidelines Vol-I and AAS Method	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	µg/m ³	1.0	CPCB Guidelines Vol-I and AAS Method	N.D.	N.D.	N.D.	N.D.
Benzene (C ₆ H ₆)	µg/m ³	5.0	IS 5182 (Part 11): 2006	N.D.	N.D.	N.D.	N.D.
Benzo(a) Pyrene	ng/m ³	1.0	IS 5182 (Part 12): 2014	N.D.	N.D.	N.D.	N.D.

Note: N.D.: Not Detected.

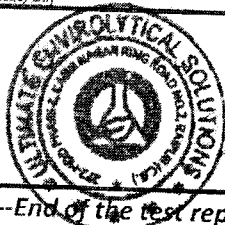
REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- The use of the report for publication, arbitration or as the legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with the customer.
- This is for information as the party has asked for above test(s) only.

[Signature]
03/06/23

REVIEWED BY



For ULTIMATE ENVIROLYTICAL SOLUTIONS

[Signature]

AUTHORIZED SIGNATORY

End of the test report



Ultimate
ENVIROLYTICAL SOLUTIONS

HDD-272, Phase III - Near JP Chowk
Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4027777 | Email : ultimatenviro@gmail.com

Recognized by Ministry of Environment Forest and Climate Change under EP act 1996

Name & Address Of The Customer

To,
**M/s Manpur Lime Stone Mine -
(12.145 Ha), Tehsil - Sahaspur
Lohara, Dist. - Kabirdham (C.G.)**

REPORT NO.	UES/TR/23-24/01432
LAB REF NO.	UES/23-24/FE/02814-02817
DATE OF SAMPLING	29/05/2023 - 30/05/2023
DATE OF RECEIPT	30/05/2023
DATE OF REPORT	03/06/2023
DATE OF ANALYSIS	START: 30/05/2023 END: 03/06/2023

SAMPLE DETAILS

Monitoring For	Ambient Air Quality Monitoring
Sampling Location	1. Near Main Office 2. Near Crushing Plant 3. Near Mining Area 4. Near Haul Road
Customer Ref. No. & Date	420002682, DATED - 06/05/2023
Duration Of Sampling	As per CPCB norms
Sample Collected by	Laboratory Chemist
Sampling Procedure	As Per Method Reference
Sample Quantity/Packing	Filter Paper (PM10): 1X1 No., Filter Paper (PM2.5): 1X1 No. SO2: 30mlX1 No. PVC Bottle, NO2: 30mlX1 No. PVC BOTTLE, Rubber Bladder: 1X1 No., C6H6: CHARCOAL Tube. OZONE: 10MLX1 No. Brown PVC Bottle, NH4: 10MLX1 No. Brown PVC Bottle

TEST REPORT

Parameter	Unit	NAAQM Standard	METHOD REFERENCE	Results			
				Near Main Office	Near Crushing Plant	Near Mining Area	Near Haul Road
Particulate Matter size less than 10 microns (PM ₁₀)	µg/m ³	100	IS 5182 (Part 23): 2006 & CPCB Guidelines Vol.-I	50.3	49.4	50.5	51.6
Particulate Matter size less than 2.5 microns (PM _{2.5})	µg/m ³	60	IS 5182 (Part 24): 2019 CPCB Guidelines Vol.-I	29.1	27.5	28.2	29.5
Sulphur Dioxide (SO ₂)	µg/m ³	80	IS 5182 (Part 2): 2001, RA 2006 & CPCB Guidelines Vol.-I	8.5	8.9	9.2	10.4
Nitrogen Dioxide (NO ₂)	µg/m ³	80	IS 5182 (Part 6): 2006 & CPCB Guidelines Vol.-I	12.4	12.8	13.7	14.5
Carbon Monoxide (CO)	mg/m ³	4.0	IS 5182 (Part 10): 1999, RA 2003	0.37	0.42	0.49	0.56
Ozone (O ₃)	µg/m ³	180	CPCB Guidelines Vol-I	8.3	8.8	9.2	9.6
Ammonia (NH ₃)	µg/m ³	400	CPCB Guidelines Vol-I	7.4	7.9	8.5	8.8
Arsenic (As)	ng/m ³	6.0	CPCB Guidelines Vol-I and AAS Method	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	ng/m ³	20	CPCB Guidelines Vol-I and AAS Method	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	µg/m ³	1.0	CPCB Guidelines Vol-I and AAS Method	N.D.	N.D.	N.D.	N.D.
Benzene (C ₆ H ₆)	µg/m ³	5.0	IS 5182 (Part 11): 2006	N.D.	N.D.	N.D.	N.D.
Benzo (a) Pyrene	ng/m ³	1.0	IS 5182 (Part 12): 2014	N.D.	N.D.	N.D.	N.D.

Note: N.D.: Not Detected.

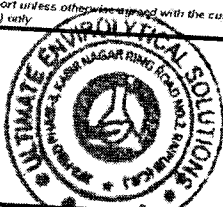
REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- The use of the report for publication, arbitration or as the legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with the customer.
- This is for information as the party has asked for above test(s) only.

Reviewed
03/06/23

REVIEWED BY



For ULTIMATE ENVIROLYTICAL SOLUTIONS

Subhajeet

AUTHORIZED SIGNATORY

-----End of the test report-----

AN ISO : 9001:2015 / ISO: 14001:2015 / ISO 45001:2018 CERTIFIED LABORATORY

Recognized by Ministry of Environment Forest and Climate Change under EP act 1996

Name & Address of The Customer		REPORT NO.	UES/TR/23-24/01433
To, M/s Manpur Lime Stone Mine - (12.145 Ha), Tehsil - Sahaspur Lohara, Dist. - Kabirdham (C.G.)		LAB REF NO.	UES/23-24/N/02818-02821
		DATE OF REPORT	03/06/2023
		DATE OF SAMPLING	29/05/2023 - 30/05/2023
SAMPLE DETAILS			
MONITORING FOR	NOISE LEVEL MONITORING		
CUSTOMER REF. NO. & DATE	420002682, DATED - 06/05/2023		
SAMPLING LOCATION	(AS DESCRIBED BELOW)		
SAMPLE COLLECTED BY	LABORATORY CHEMIST		
SAMPLING PROCEDURE	IS 9989:1981:RA 2001		

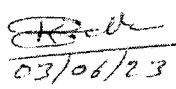
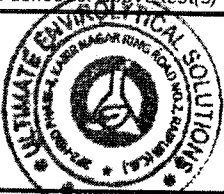
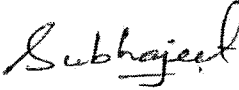
TEST REPORT

LOCATION	UNIT	RESULT	LIMIT (RESIDENTIAL ZONE)	
		DAY TIME	DAY TIME	NIGHT TIME
Ranjeetpur village - N	dB(A)	54.3	75 dB(A)	70 dB(A)
Manpur Village - SE	dB(A)	57.6		
Sitlamata Mandir - S	dB(A)	59.1		
Singangarh Village - W	dB(A)	55.6		

REMARKS: RESULTS ARE AS ABOVE. MINING OPERATION IS CARRIED OUT ONLY IN DAY TIME.

Terms & conditions

- > The report for publication, arbitration or as legal dispute is forbidden.
- > Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- > This is for information as the party has asked for above test(s) only.

 03/06/23 REVIEWED BY		For ULTIMATE ENVIROLYTICAL SOLUTIONS  AUTHORIZED SIGNATORY
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-----End of the test report-----



Ultimate
ENVIROLYTICAL SOLUTIONS

HDD-272, Phase III - Near JP Chowk
Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099
Ph : 0771 - 4027777 | Email : ultimatenviro@gmail.com

Recognized by Ministry of Environment Forest and Climate Change under EP act 1996

Name & Address of The Customer		REPORT NO.	UES/TR/23-24/01434
To, M/s Manpur Lime Stone Mine - (12.145 Ha), Tehsil - Sahaspur Lohara, Dist. - Kabirdham (C.G.)		LAB REF NO.	UES/23-24/N/02822-02825
		DATE OF REPORT	03/06/2023
		DATE OF SAMPLING	29/05/2023 - 30/05/2023
SAMPLE DETAILS			
MONITORING FOR	NOISE LEVEL MONITORING		
CUSTOMER REF. NO. & DATE	420002682, DATED - 06/05/2023		
SAMPLING LOCATION	(AS DESCRIBED BELOW)		
SAMPLE COLLECTED BY	LABORATORY CHEMIST		
SAMPLING PROCEDURE	IS 9989:1981:RA 2001		

TEST REPORT				
LOCATION	UNIT	RESULT	LIMIT (RESIDENTIAL ZONE)	
		DAY TIME	DAY TIME	NIGHT TIME
Near Main Office	dB(A)	54.9	75 dB(A)	70 dB(A)
Near Crushing Plant	dB(A)	69.6		
Near Mining Area	dB(A)	65.4		
Near Haul Road	dB(A)	62.7		

REMARKS: RESULTS ARE AS ABOVE. MINING OPERATION IS CARRIED OUT ONLY IN DAY TIME.

Terms & conditions

- > The report for publication, arbitration or as legal dispute is forbidden.
- > Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- > This is for information as the party has asked for (only for tests) only.

 03/06/23 REVIEWED BY		For ULTIMATE ENVIROLYTICAL SOLUTIONS AUTHORIZED SIGNATORY
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-----End of the test report-----

Recognized by Ministry of Environment Forest and Climate Change under EP act 1996

Name & Address Of The Customer		REPORT NO.	UES/TR/23-24/01441
To, M/s Manpur Lime Stone Mine - (12.145 Ha), Tehsil - Sahaspur Lohara, Dist. - Kabirdham (C.G.)		LAB REF NO.	UES/23-24/W/02836
		DATE OF SAMPLING	29/05/2023
		DATE OF RECEIPT	30/05/2023
		DATE OF REPORT	03/06/2023
		DATE OF ANALYSIS	START: 30/05/2023 END: 03/06/2023
SAMPLE DETAILS			
Customer Sample Id / Sampling Location	Manpur Mine Lease Area	Customer Ref. No. & Date	420002682, DATED - 06/05/2023
Sample Type	Ground Water	Sample Condition At Receipt	Ok
Packing of Sample	Plastic Bottle	Sample Collected By	Laboratory Chemist
Other Details	Sealed	Quantity Received	Approx 5 Ltr.

REPORT NO.: 01441

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
1	Colour	Hazen	IS:3025: (Part-4)	5	15	<1
2	pH Value at 25.4°C	-	IS:3025: (Part-11)	6.5-8.5	No Relaxation	7.18
3	Total Suspended Solids	mg/L	IS:3025: (Part-17)	-	-	2.31
4	Total Dissolved Solids	mg/L	IS:3025: (Part-16)	500	2000	378.4
5	Chloride (as Cl)	mg/L	IS 3025: (Part-32)	250	1000	29.9
6	Turbidity	NTU	IS 3025: (Part-10)	1	5	0.54
7	Total Alkalinity (as CaCO ₃)	mg/L	IS 3025: (Part-23)	200	600	152.0
8	Total Hardness (as CaCO ₃)	mg/L	IS 3025: (Part-21)	200	600	184.0
9	Calcium (as Ca)	mg/L	IS 3025: (Part-40)	75	200	41.68
10	Magnesium (as Mg)	mg/L	IS 3025: (Part-46)	30	100	19.44
11	Sulphate (as SO ₄)	mg/L	IS 3025: (Part-24)	200	400	32.1
12	Sodium (as Na)	mg/L	APHA 22 nd Edition	-	-	15.5
13	Fluoride (as F)	mg/l	IS 3025(part-60)	1	1.5	0.12
14	Nitrate (as NO ₃)	mg/l	IS 3025(part-34)	45	No Relaxation	9.48
15	Silica	mg/L	APHA 22 nd Edition	-	-	0.14
16	Copper (as Cu)	mg/l	IS 3025(part-42)	0.05	1.5	0.11
17	Iron (as Fe)	mg/l	IS 3025(part-53)	0.3	No Relaxation	N.D.
18	Zinc (as Zn)	mg/l	IS 3025(part-49)	5	15	N.D.
19	Nickel (as Ni)	mg/l	IS:3025: (Part-54)	0.02	No Relaxation	N.D.

REPORT NO.: 01441

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
20	Manganese (as Mn)	mg/l	IS 3025(part-59)	0.1	0.3	N.D.
21	Cadmium (as Cd)	mg/l	IS 3025(part-41)	0.003	No Relaxation	N.D.
22	Lead (as Pb)	mg/l	IS 3025(part-47)	0.01	No Relaxation	N.D.
23	Chromium (as Cr)	mg/l	Annex J of IS:13428	0.05	No Relaxation	N.D.
24	Phosphate (as PO ₄)	mg/L	APHA 22 nd Edition	-	-	N.D.
25	Arsenic (as As)	mg/l	IS 3025(part-37)	0.01	0.05	N.D.
26	Mercury (as Hg)	mg/l	IS 3025(part-48)	0.001	No Relaxation	N.D.
27	Phenolic Compound (as C ₆ H ₅ OH)	mg/l	IS 3025(part-43)	0.001	0.002	N.D.
28	Cyanide (as CN)	mg/l	IS 3025(part-27)	0.05	No Relaxation	N.D.
29	Total Coliform	MPN/100ml	IS: 1622:1981:RA:2019	-	-	Absent
30	E. Coli	MPN/100ml	IS: 1622:1981:RA:2019	-	-	Absent

Note: mg/lit.: milligram per liter, N.D.: Not Detected.

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

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03/06/23

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For ULTIMATE ENVIROLYTICAL SOLUTIONS

Subhajeet

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-----End of the test report-----



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Name & Address Of The Customer		REPORT NO.	UES/TR/23-24/01442	
To, M/s Manpur Lime Stone Mine – (12.145 Ha), Tehsil – Sahaspur Lohara, Dist. – Kabirdham (C.G.)		LAB REF NO.	UES/23-24/W/02802	
		DATE OF SAMPLING	29/05/2023	
		DATE OF RECEIPT	30/05/2023	
		DATE OF REPORT	03/06/2023	
		DATE OF ANALYSIS	START: 30/05/2023	END: 03/06/2023
SAMPLE DETAILS				
Customer Sample Id / Sampling Location	Manpur Village Area	Customer Ref. No. & Date	420002682, DATED - 06/05/2023	
Sample Type	Ground Water	Sample Condition At Receipt	Ok	
Packing of Sample	Plastic Bottle	Sample Collected By	Laboratory Chemist	
Other Details	Sealed	Quantity Received	Approx 5 Ltr.	

REPORT NO.: 01442

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
1	Colour	Hazen	IS:3025:(Part-4)	5	15	<1
2	pH Value at 25.4°C	-	IS:3025:(Part-11)	6.5-8.5	No Relaxation	7.62
3	Total Suspended Solids	mg/L	IS:3025:(Part-17)	-	-	1.7
4	Total Dissolved Solids	mg/L	IS:3025:(Part-16)	500	2000	343.7
5	Chloride (as Cl)	mg/L	IS 3025:(Part-32)	250	1000	31.9
6	Turbidity	NTU	IS 3025:(Part-10)	1	5	0.63
7	Total Alkalinity (as CaCO ₃)	mg/L	IS 3025:(Part-23)	200	600	158.0
8	Total Hardness (as CaCO ₃)	mg/L	IS 3025:(Part-21)	200	600	186.0
9	Calcium (as Ca)	mg/L	IS 3025:(Part-40)	75	200	52.11
10	Magnesium (as Mg)	mg/L	IS 3025:(Part-46)	30	100	13.61
11	Sulphate (as SO ₄)	mg/L	IS 3025:(Part-24)	200	400	33.6
12	Sodium (as Na)	mg/L	APHA 22 nd Edition	-	-	23.4
13	Fluoride (as F)	mg/l	IS 3025(part-60)	1	1.5	0.10
14	Nitrate (as NO ₃)	mg/l	IS 3025(part-34)	45	No Relaxation	10.75
15	Silica	mg/L	APHA 22 nd Edition	-	-	0.09
16	Copper (as Cu)	mg/l	IS 3025(part-42)	0.05	1.5	N.D.
17	Iron (as Fe)	mg/l	IS 3025(part-53)	0.3	No Relaxation	N.D.
18	Zinc (as Zn)	mg/l	IS 3025(part-49)	5	15	N.D.
19	Nickel (as Ni)	mg/l	IS:3025:(Part-54)	0.02	No Relaxation	N.D.



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REPORT NO.: 01442

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
20	Manganese (as Mn)	mg/l	IS 3025(part-59)	0.1	0.3	N.D.
21	Cadmium (as Cd)	mg/l	IS 3025(part-41)	0.003	No Relaxation	N.D.
22	Lead (as Pb)	mg/l	IS 3025(part-47)	0.01	No Relaxation	N.D.
23	Chromium (as Cr)	mg/l	Annex J of IS:13428	0.05	No Relaxation	N.D.
24	Phosphate (as PO ₄)	mg/L	APHA 22 nd Edition	-	-	N.D.
25	Arsenic (as As)	mg/l	IS 3025(part-37)	0.01	0.05	N.D.
26	Mercury (as Hg)	mg/l	IS 3025(part-48)	0.001	No Relaxation	N.D.
27	Phenolic Compound (as C ₆ H ₅ OH)	mg/l	IS 3025(part-43)	0.001	0.002	N.D.
28	Cyanide (as CN)	mg/l	IS 3025(part-27)	0.05	No Relaxation	N.D.
29	Total Coliform	MPN/100ml	IS: 1622:1981:RA:2019	-	-	Absent
30	E. Coli	MPN/100ml	IS: 1622:1981:RA:2019	-	-	Absent

Note: mg/lit.: milligram per liter, N.D.: Not Detected.

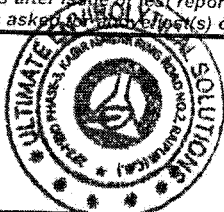
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To, M/s Manpur Lime Stone Mine - (12.145 Ha), Tehsil - Sahaspur Lohara, Dist. - Kabirdham (C.G.)		REPORT NO.		UES/TR/23-24/03993	
		LAB REF NO.		UES/23-24/W/07558	
		DATE OF SAMPLING		11/09/2022	
		DATE OF RECEIPT		12/09/2023	
		DATE OF REPORT		16/09/2023	
		DATE OF ANALYSIS		START: 12/09/2023	END: 16/09/2023
SAMPLE DETAILS					
Customer Sample Id / Sampling Location	Manpur Mine Lease Area	Customer Ref. No. & Date	420002682, DATED - 06/05/2023		
Sample Type	Ground Water	Sample Condition At Receipt	Ok		
Packing of Sample	Plastic Bottle	Sample Collected By	Laboratory Chemist		
Other Details	Sealed	Quantity Received	Approx 5 Ltr.		

REPORT NO.: 03993

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
1	Colour	Hazen	IS:3025:(Part-4)	5	15	<1
2	pH Value at 25.4°C	-	IS:3025:(Part-11)	6.5-8.5	No Relaxation	7.09
3	Total Suspended Solids	mg/L	IS:3025:(Part-17)	-	-	2.2
4	Total Dissolved Solids	mg/L	IS:3025:(Part-16)	500	2000	349.0
5	Chloride (as Cl)	mg/L	IS 3025:(Part-32)	250	1000	27.9
6	Turbidity	NTU	IS 3025:(Part-10)	1	5	0.49
7	Total Alkalinity (as CaCO ₃)	mg/L	IS 3025:(Part-23)	200	600	140.0
8	Total Hardness (as CaCO ₃)	mg/L	IS 3025:(Part-21)	200	600	170.0
9	Calcium (as Ca)	mg/L	IS 3025:(Part-40)	75	200	38.48
10	Magnesium (as Mg)	mg/L	IS 3025:(Part-46)	30	100	17.98
11	Sulphate (as SO ₄)	mg/L	IS 3025:(Part-24)	200	400	29.61
12	Sodium (as Na)	mg/L	APHA 22 nd Edition	-	-	14.29
13	Fluoride (as F)	mg/l	IS 3025(part-60)	1	1.5	0.11
14	Nitrate (as NO ₃)	mg/l	IS 3025(part-34)	45	No Relaxation	8.74
15	Silica	mg/L	APHA 22 nd Edition	-	-	0.13
16	Copper (as Cu)	mg/l	IS 3025(part-42)	0.05	1.5	0.10
17	Iron (as Fe)	mg/l	IS 3025(part-53)	0.3	No Relaxation	N.D.
18	Zinc (as Zn)	mg/l	IS 3025(part-49)	5	15	N.D.
19	Nickel (as Ni)	mg/l	IS:3025:(Part-54)	0.02	No Relaxation	N.D.



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REPORT NO.: 03993

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible Limit	
20	Manganese (as Mn)	mg/l	IS 3025(part-59)	0.1	0.3	N.D.
21	Cadmium (as Cd)	mg/l	IS 3025(part-41)	0.003	No Relaxation	N.D.
22	Lead (as Pb)	mg/l	IS 3025(part-47)	0.01	No Relaxation	N.D.
23	Chromium (as Cr)	mg/l	Annex J of IS:13428	0.05	No Relaxation	N.D.
24	Phosphate (as PO4)	mg/L	APHA 22 nd Edition	-	-	N.D.
25	Arsenic (as As)	mg/l	IS 3025(part-37)	0.01	0.05	N.D.
26	Mercury (as Hg)	mg/l	IS 3025(part-48)	0.001	No Relaxation	N.D.
27	Phenolic Compound (as C6H5OH)	mg/l	IS 3025(part-43)	0.001	0.002	N.D.
28	Cyanide (as CN)	mg/l	IS 3025(part-27)	0.05	No Relaxation	N.D.
29	Total Coliform	MPN/100ml	IS: 1622:1981:RA:2019	-	-	Absent
30	E. Coli	MPN/100ml	IS: 1622:1981:RA:2019	-	-	Absent

Note: mg/lit.: milligram per liter, N.D.: Not Detected.

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To, M/s Manpur Lime Stone Mine - (12.145 Ha), Tehsil - Sahaspur Lohara, Dist. - Kabirdham (C.G.)		REPORT NO.		UES/TR/23-24/03994	
		LAB REF NO.		UES/23-24/W/07559	
		DATE OF SAMPLING		11/09/2022	
		DATE OF RECEIPT		12/09/2023	
		DATE OF REPORT		16/09/2023	
		DATE OF ANALYSIS		START: 12/09/2023	END: 16/09/2023
SAMPLE DETAILS					
Customer Sample Id / Sampling Location	Manpur Village Area	Customer Ref. No. & Date	420002682, DATED - 06/05/2023		
Sample Type	Ground Water	Sample Condition At Receipt	Ok		
Packing of Sample	Plastic Bottle	Sample Collected By	Laboratory Chemist		
Other Details	Sealed	Quantity Received	Approx 5 Ltr.		

REPORT NO.: 03994

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
1	Colour	Hazen	IS:3025:(Part-4)	5	15	<1
2	pH Value at 25.4°C	-	IS:3025:(Part-11)	6.5-8.5	No Relaxation	7.51
3	Total Suspended Solids	mg/L	IS:3025:(Part-17)	-	-	1.8
4	Total Dissolved Solids	mg/L	IS:3025:(Part-16)	500	2000	319.0
5	Chloride (as Cl)	mg/L	IS 3025:(Part-32)	250	1000	29.9
6	Turbidity	NTU	IS 3025:(Part-10)	1	5	0.58
7	Total Alkalinity (as CaCO ₃)	mg/L	IS 3025:(Part-23)	200	600	146.0
8	Total Hardness (as CaCO ₃)	mg/L	IS 3025:(Part-21)	200	600	172.0
9	Calcium (as Ca)	mg/L	IS 3025:(Part-40)	75	200	48.09
10	Magnesium (as Mg)	mg/L	IS 3025:(Part-46)	30	100	12.64
11	Sulphate (as SO ₄)	mg/L	IS 3025:(Part-24)	200	400	31.18
12	Sodium (as Na)	mg/L	APHA 22 nd Edition	-	-	21.72
13	Fluoride (as F)	mg/l	IS 3025(part-60)	1	1.5	0.09
14	Nitrate (as NO ₃)	mg/l	IS 3025(part-34)	45	No Relaxation	9.98
15	Silica	mg/L	APHA 22 nd Edition	-	-	0.08
16	Copper (as Cu)	mg/l	IS 3025(part-42)	0.05	1.5	N.D.
17	Iron (as Fe)	mg/l	IS 3025(part-53)	0.3	No Relaxation	N.D.
18	Zinc (as Zn)	mg/l	IS 3025(part-49)	5	15	N.D.
19	Nickel (as Ni)	mg/l	IS:3025:(Part-54)	0.02	No Relaxation	N.D.



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REPORT NO.: 03994

TEST REPORT

SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS 10500:2012		RESULT
				Acceptable Limit	Permissible limit	
20	Manganese (as Mn)	mg/l	IS 3025(part-59)	0.1	0.3	N.D.
21	Cadmium (as Cd)	mg/l	IS 3025(part-41)	0.003	No Relaxation	N.D.
22	Lead (as Pb)	mg/l	IS 3025(part-47)	0.01	No Relaxation	N.D.
23	Chromium (as Cr)	mg/l	Annex J of IS:13428	0.05	No Relaxation	N.D.
24	Phosphate (as PO ₄)	mg/L	APHA 22 nd Edition	-	-	N.D.
25	Arsenic (as As)	mg/l	IS 3025(part-37)	0.01	0.05	N.D.
26	Mercury (as Hg)	mg/l	IS 3025(part-48)	0.001	No Relaxation	N.D.
27	Phenolic Compound (as C ₆ H ₅ OH)	mg/l	IS 3025(part-43)	0.001	0.002	N.D.
28	Cyanide (as CN)	mg/l	IS 3025(part-27)	0.05	No Relaxation	N.D.
29	Total Coliform	MPN/100ml	IS: 1622:1981:RA:2019	-	-	Absent
30	E. Coli	MPN/100ml	IS: 1622:1981:RA:2019	-	-	Absent

Note: mg/lit.: milligram per liter, N.D.: Not Detected.

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Name & Address Of The Customer		REPORT NO	UES/TR/23-24/01437
To, M/s Manpur Lime Stone Mine - (12.145 Ha), Tehsil - Sahaspur Lohara, Dist. - Kabirdham (C.G.)		LAB REF NO	UES/23-24/S/02832
		DATE OF SAMPLING	29/05/2023
		DATE OF RECEIPT	30/05/2023
		DATE OF REPORT	03/06/2023
		DATE OF ANALYSIS	START: 30/05/2023 END: 03/06/2023
SAMPLE DETAILS			
MONITORING FOR	SOIL	CUSTOMER REF. NO. & DATE	420002682, DATED - 06/05/2023
SAMPLING LOCATION	M.L. AREA		
SAMPLE COLLECTED BY	LABORATORY CHEMIST		
SAMPLING PROCEDURE	MANUAL ON SOIL,		
SAMPLE QUANTITY/PACKING	3.0 KG (APPROX)		


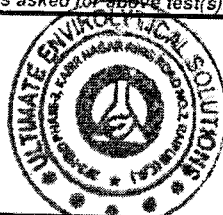

TEST REPORT				
Sr. No.	Parameter	Unit	Method Reference	Result
1	pH Value	-	IS: 2720: (PART-26): 1987 RA 2011	7.26
2	Conductivity	µS/cm	IS: 14767: 2000 RA 2016	289.4
3	Organic Carbon (OC)	%	AGRICULTURE SOIL MANUAL	1.43
4	Phosphorus (as P)	kg/ha	AGRICULTURE SOIL MANUAL	49.7
5	Potassium (as K)	kg/ha	AGRICULTURE SOIL MANUAL	246.5
6	Nitrogen (as N)	kg/ha	AGRICULTURE SOIL MANUAL	324.8
7	Chloride (as Cl)	mg/kg	AGRICULTURE SOIL MANUAL	487.9
8	Magnesium (as Mg)	mg/kg	AGRICULTURE SOIL MANUAL	9.2
9	Cadmium (as Cd)	mg/kg	AGRICULTURE SOIL MANUAL	N.D.
10	Selenium (as Se)	mg/kg	AGRICULTURE SOIL MANUAL	N.D.
11	Lead (as Pb)	mg/kg	AGRICULTURE SOIL MANUAL	N.D.
12	Arsenic (as As)	mg/kg	AGRICULTURE SOIL MANUAL	N.D.
13	Mercury (as Hg)	mg/kg	AGRICULTURE SOIL MANUAL	N.D.

N.D.: NOT DETECTED

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-----End of the test report-----



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Name & Address Of The Customer		REPORT NO	UES/TR/23-24/01438
To, M/s Manpur Lime Stone Mine - (12.145 Ha), Tehsil - Sahaspur Lohara, Dist. - Kabirdham (C.G.)		LAB REF NO	UES/23-24/S/02833
		DATE OF SAMPLING	29/05/2023
		DATE OF RECEIPT	30/05/2023
		DATE OF REPORT	03/06/2023
		DATE OF ANALYSIS	START: 30/05/2023 END: 03/06/2023
SAMPLE DETAILS			
MONITORING FOR	SOIL	CUSTOMER REF. NO. & DATE	420002682, DATED - 06/05/2023
SAMPLING LOCATION	MANPUR VILLAGE		
SAMPLE COLLECTED BY	LABORATORY CHEMIST		
SAMPLING PROCEDURE	MANUAL ON SOIL,		
SAMPLE QUANTITY/PACKING	3.0 KG (APPROX)		

TEST REPORT

Sr. No.	Parameter	Unit	Method Reference	Result
1	pH Value	-	IS: 2720: (PART-26): 1987 RA 2011	7.34
2	Conductivity	µS/cm	IS: 14767:2000 RA 2016	431.7
3	Organic Carbon (OC)	%	AGRICULTURE SOIL MANUAL	1.56
4	Phosphorus (as P)	kg/ha	AGRICULTURE SOIL MANUAL	53.5
5	Potassium (as K)	kg/ha	AGRICULTURE SOIL MANUAL	247.9
6	Nitrogen (as N)	kg/ha	AGRICULTURE SOIL MANUAL	364.8
7	Chloride (as Cl)	mg/kg	AGRICULTURE SOIL MANUAL	469.3
8	Magnesium (as Mg)	mg/kg	AGRICULTURE SOIL MANUAL	12.7
9	Cadmium (as Cd)	mg/kg	AGRICULTURE SOIL MANUAL	N.D.
10	Selenium (as Se)	mg/kg	AGRICULTURE SOIL MANUAL	N.D.
11	Lead (as Pb)	mg/kg	AGRICULTURE SOIL MANUAL	N.D.
12	Arsenic (as As)	mg/kg	AGRICULTURE SOIL MANUAL	N.D.
13	Mercury (as Hg)	mg/kg	AGRICULTURE SOIL MANUAL	N.D.

N.D.: NOT DETECTED

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-----End of the test report-----

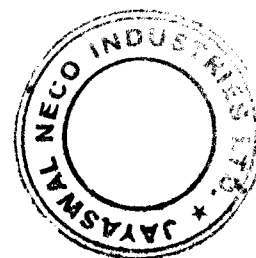
GROUND WATER LEVEL OF NEAR BY VILLAGE OF MANPUR LIMESTONE MINES (12.145 Ha.),
Village - Manpur, Tahsil - Sahaspur Lohara, Dist- Kabirdham, Chhattisgarh, 491995

PERIOD - Month of May, 2023

Srl.No	Location / Village	Distance from M.L. Boundary (K.M.)	Direction	Source of water	Water level (Meter)
1	Village- Manpur	0.6	NE	Dug Well	2.1
2	Village- Manpur	1.0	NE	Dug Well	2.2
3	Village- Sighangarh	2.0	W	Bore Well	19.25
4	Village- Bargaon	1.8	SW	Bore Well	17.5

S. S. Sahu

Mines Manager



GROUND WATER LEVEL OF NEAR BY VILLAGE OF MANPUR LIMESTONE MINLS

PERIOD – Month of August, 2023

Srl.No	Location / Village	Distance from M.L Boundary (KM)	Direction	Source of water	Water level (Meter)
1	Manpur Mining lease area	0	---	Bore Well	15.85
2	Village- Manpur	1.0	NE	Dug Well	0.75
3	Village- Sighangarh	2.0	W	Bore Well	10.25
4	Village- Bargaon	1.8	SW	Bore Well	9.00



S. S. Babu
Mines Manager