



Through – Parivesh Portal

दूर की सोच

Ref: -PJJ/MIN/PCL/2025/24235

November 28, 2025

To,  
Regional Director  
Ministry of Environment & Forests and Climate Change  
Regional Office, Western Region  
Kendriya Paryavaran Bhavan  
Link Road No. 3, E - 5, Ravi Shankar Nagar  
Bhopal – 462016

Subject: Submission of Six-Monthly Compliance Report for Environmental Clearance - Prism Cement Limestone Mine (253.326 ha), M/s Prism Johnson Ltd., Villages Hinauti & Sijhata, Tehsil Rampur Baghelan, District Satna, Madhya Pradesh.

Reference: Environmental Clearance Letter No. J-11015/37/96-IA. II (M), dated 31st December 1996.

Dear Sir,


With reference to the above subject and the Environmental Clearance granted vide your letter no. Letter No. J-11015/37/96-IA. II (M), dated 31st December 1996., we are pleased to submit the six monthly compliance report for the period April 2025 to September 2025 for the limestone deposit at Village Hinauti & Sijhata, Tehsil Rampur Baghelan, District Satna, Madhya Pradesh.

The compliance report has been prepared as per the stipulated conditions of the environmental clearance. All relevant supporting documents are enclosed herewith for your kind review and consideration.

We trust the report meets the necessary requirements and is in order.

Thank you.

Yours sincerely,  
For Prism Johnson Limited

  
Chandra Shekhar Pandit

Sr. General Manager - Mines & Project Proponent

Enclosures: As above

**PRISM JOHNSON LIMITED**

(Cement Division – Unit II)

Works: Village Mankahari, P.O.-Bathia, Dist. Satna - 485 111 (M.P.) India T: +91-07672-275301 / 302600  
Corres. Add.: 'Rajdeep', Rewa Road, Satna - 485 001 (M.P.) India. T: +91-07672-402726

Registered Office: Prism Johnson Limited, 305, Laxmi Niwas Apartments, Ameerpet, Hyderabad - 500 016, India.  
w: www.prismjohnson.in, www.cement.prismjohnson.in, E: info@prismjohnson.in

CIN: L26942TG1992PLC014033



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**Half Yearly EC Compliance Report  
(April, 2025 to September, 2025)**

of

**Sejhatta Hinauti Limestone Mine**

at

District Satna, Madhya Pradesh

by



M/s Prism Cement Ltd. (Line II)

**EC Letter No. NO. J-11015/37/96-IA-II(M) Date: 31.12.1996**



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# **Copy of EC Letter**

No.J-11015/37/96-1A.11(M)  
Government of India  
Ministry of Environment & Forests

Paryavaran Bhawan  
CGO Complex, Lodi Road  
New Delhi - 110003

Dated the 31st December, 1996

To

M/s Prism Cement Limited  
(Kind attn to : Shri M.Venkataraman,  
Jt.General Manager)  
Jai Niwas, Kothi Compound Extension  
Gali No.13, Rajendra Nagar  
Satna, Madhya Pradesh - 485 002

SUB : Sejhatta-Hinouti Limestone Mine of M/s Prism Cement Limited  
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The undersigned is directed to refer to your letter no.Proj/Min-95108/1 dated July 17,1996 regarding your application for environmental clearance of the Sejhatta-Hinouti Limestone Mine in District Satna in Madhya Pradesh. The Ministry of Environment & Forests has carefully considered your application. It is observed that the total land involved in the project is 1143.41 ha. of which 80% is cultivated land and remaining is barren land. The project is linked to setting up of a 2.0 MTPA of cement plant.

The Ministry of Environment & Forests hereby accords environmental clearance as per Environmental Impact Assessment Notification of dated 27th January,1994( as amended on 04.05.94), subject to the strict compliance of the terms and conditions mentioned below :

1. The environmental clearance would be applicable 1143.41 ha. lease area.
2. No change in the calendar plan including excavation, quantum of limestone and waste rock/O.B. dumps should be made.
3. The top soil and O.B. dumps should be stacked in earmarked dump sites. Garland drains should be constructed downstream to the existing nala system to safeguard the mine faces.

*Kw*



4. The levels of SPM should not exceed 500 µg/m at any station within the leasehold. Emission of SO<sub>2</sub>, NO<sub>x</sub> and CO should be maintained below the levels prescribed by the competent authority. Control measures suggested in the EMP in this regard should be strictly implemented. The dust pollution in the limestone mine needs to be further controlled by incorporating additional mitigative measures at the source itself.
5. The quality of effluents finally discharged should conform to the standards prescribed under GSR 422(E) dated 19.5.1993 and 31.12.1993.
6. Regular monitoring of air, water and noise should be made in and around the core-zone. Recorded data should be furnished to this Ministry (Regional Office, Bhopal) and the State Pollution Control Board ~~simultaneously~~. Noise levels should not exceed the limit of 85 dB. Ear plugs/ear muffs may be provided to the workers engaged in the noisy atmosphere.
7. The anti-pollution measures with regard to environmental quality prescribed in the EMP should be implemented schedule in a time bound programme.
8. A green belt around the dust generation points and the lease area should be provided. The density of the trees should be at least 1600 saplings/ha. Mixed species of saplings should be selected for enhancing the biodiversity programme in the lease hold area as mentioned in EMP and supplementary note, should be implemented phase-wise as envisaged.
9. The socio-economic/community development measures including health care need to be augmented. A detailed annual action plan/time bound scheme for the socio-economic development should be submitted to the Ministry within three months.
10. Mining operations should be carried out in such a manner that inhabitants of the villages Sejhatta and Hinouti should not be shifted and adequate measures for socio-economic development be carried out.
11. Environmental Management Cell has to be established to carry out functions relating to environmental management action plans. The Head of the Cell should directly report to the Chief Executive.



12. Adequate fund provision(capital and recurring expenditure)should be provided for implementation of all safeguards including socio-economic programmes as above. The funds should not be diverted for any other purpose(an amount of 1062.0 lakhs earmarked for pollution control measures and afforestation). Separate account would be kept for implementation of EMP measures.
13. The Ministry reserves the right to stipulate any other conditions, as may be required based on feedback etc. in the interest of environmental protection.
14. The project would be monitored by the regional office of this Ministry, Bhopal/the Central Pollution Control Board/the State Pollution Control Board. The project authorities should extend full cooperation to the officers of the Regional Office by furnishing the requisite data/information/monitoring report and all provide full access to the works/records etc.
15. Environmental Compliance Status vis-a-vis project implementation report specifically giving the progress of implementation of afforestation programme, social welfare activities, including health care facilities should be submitted for the scrutiny of this Ministry and Regional Office once in 6 months regularly for regular monitoring purposes.
16. The implementation of these conditions and safeguards will be enforced interalia under the water(Prevention and Control of Pollution) Act, 1974 and the Environment(Protection) Act 1986 and the Public Liability Insurance Act,1991.

Failure to comply with any of the conditions mentioned above would result in withdrawal of this environmental clearance.

*P. Ahujara*  
( DR.P.AHUJARA )  
JOINT DIRECTOR

*Am*



-4-

Copy to "

1. Chairman, State Pollution Control Board, Old Assembly Sector 10-A, Gandhinagar - 382043.
2. Chief Conservator of Forests, Regional Office, E-2/240 Arera Colony, Bhopal
3. Sr. Adviser, EI Division, MOEF, New Delhi.
4. Secretary, Deptt. of Environment & Forests, Govt. of Gujarat, Sachivalaya, Gandhinagar, Gujarat.
5. Chief Wildlife Warden, Government of Gujarat, Block No.14 Dr. Jivraj Mehta Bhawan, Old Sachivalaya, Gandhinagar 382010, Gujarat.
6. Guard File.
7. Monitoring File

*P. Ahujara*  
( DR. P. AHUJARAI  
JOINT DIRECTOR

*Pww*



# **Point-wise Compliance of EC Conditions**

Point wise compliance of conditions stipulated in Environmental Clearance is given as under:

S. No.	EC CONDITION	COMPLIANCE STATUS
1.	The environmental clearance would be applicable to 1143.41 Ha.	EC for 1143.41 Ha comprised of 791.004 Ha, 42.798 Ha (MLs) and 309.608 Ha (PL) areas. Later, 791.004 and 42.68 Ha areas were amalgamated and after deletion of restricted areas, 772.067 Ha came into being, which got attached to Unit II. Therefore, what remained in the EC for 1143.41 Ha was only 309.608 Ha. Out of 309.608 Ha, 253.326 Ha was carved out. The EC for 1143.41 Ha only covers 253.326 Ha. Accordingly, all conditions of EC for 1143.41 Ha are being complied for 253.326 Ha. The copy of the Mining Lease Sanction Order letter is enclosed as <b>Annexure 1</b> .
2.	No change in the calendar plan including excavation, quantum of limestone and waste rock /O.B. dumps should be made.	Mining is carried out as per the approved Scheme of Mining vide IBM letter no MP/Satna/Limestone/RMP-10/21-22 Jabalpur Dtd. 28.07.2021. The copy of the Mining Plan approval letter is enclosed as <b>Annexure 2</b> .
3.	The topsoil and O.B. dumps should be stacked in earmarked dump sites. Garland drains should be constructed downstream to the existing nala system to safeguard the mine faces.	<p>Waste rock generated during the course of mining is used for concurrent backfilling of the mined-out area. Top soil is spread over the backfilled area for carrying out plantation.</p> <p>Soil and OB dumps are maintained separately at earmarked locations as per the scheme of mining approved by the Indian Bureau of Mines.</p> <p>Top soil generated is stored and later spread over backfilled area which is used for plantation. A picture of the dump is provided in <b>Annexure 3</b>.</p> <p>All dumps are temporary in nature and placed within excavated area which will be used for backfilling in future. The relevant pages of the approved mining scheme are enclosed as <b>Annexure 4</b>.</p> <p>Garland drain having dimension of cumulative length of 1.2 km, width of 2.0 to 3 meters and depth of 0.75 to 1.2 meter already exists. The drain system is continuously developed to safe guard the mine faces. Catch drains around the old OB dumps have been constructed. Picture of the same is displayed in <b>Annexure 5</b>.</p>

S. No.	EC CONDITION	COMPLIANCE STATUS
4.	The levels of SPM should not exceed 500 g/m <sup>3</sup> at any station within the leasehold. Emission of SO <sub>2</sub> , NO <sub>x</sub> and CO should be maintained below the levels prescribed by the competent authority. Control measures suggested in the EMP in this regard should be strictly implemented. The dust pollution in the limestone mine needs to be further controlled by incorporating additional mitigative measures at the sources itself.	<p>The SPM, SO<sub>2</sub>, NO<sub>x</sub> and SPM are well within the prescribed limits. Fugitive Dust Monitoring and ambient air quality monitoring reports of different locations are attached as <b>Annexure 6 and Annexure 7</b> respectively. Pollution control measures are strictly implemented. Water spraying is done on the entire haul roads from water tanker. Atomized water spraying arrangement exists at the crusher hopper.</p> <p>Environment Protection Measures are mentioned in EMP; salient features are as mentioned below: -</p> <p><b>POLLUTION CONTROL MEASURES</b></p> <p>The mining operations are not anticipated to raise the concentration of the pollutants any more. However, following measures have been/would be adopted to mitigate the SPM levels in ambient air:</p> <p><b>i) Measures to prevent Generation and Dispersal of Dust</b></p> <p>Dust particles, which are normally generated during mining operations become air borne, thus leading to increase in SPM level in the ambient air. Another source of dust generation is the transport of the material by trucks.</p> <p>Adequate control measures, as listed below, are taken by PCL during both mining operations and transportation/dumping of Limestone/OB, which shall be extended to proposed additional mining area also.</p> <ul style="list-style-type: none"> <li>• Dust suppression systems (water spray) are/would be adopted at loading faces – fully implements and complied.</li> <li>• Dust generation is/would be reduced by using sharp tooth for shovels –fully implements and complied.</li> <li>• Dust suppression system (Water spraying) has been/would be adopted on roads which are used for transportation and plying of vehicles - fully implements and complied.</li> </ul> <p><b>ii) Measures to Control Air Pollution due to Airborne Dust</b></p> <p>In addition to control measures during mining and transport operations, following steps have been/would be taken to prevent air pollution duo to air borne dust:</p>

S. No.	EC CONDITION	COMPLIANCE STATUS
		<ul style="list-style-type: none"> <li>• More trees have been/would be planted around the dust generation points — fully implemented/complied.</li> <li>• More trees have been/would be planted on both sides of the roads along slopes etc. — fully implemented/complied.</li> <li>• Afforestation around the mine to filter out the dust and preventing it from reaching the residential areas has been / would be undertaken — fully implemented/complied.</li> <li>• Dust masks have been provided to workers, engaged at dust generation points like loading, dumping points etc. — fully implemented/complied.</li> <li>• Afforestation already mined out areas would be done as per schedule with minimum gap between excavation and afforestation to fix the dust and prevent it getting airborne — fully implemented/complied.</li> </ul> <p>The pictures of the dust control measures are attached as <b>Annexure 8</b>.</p>
5.	The quality of effluents finally discharged should conform to the standards prescribed under GSR 422(E) dated 19.5.1993 and 31.12.1993.	<p>No industrial wastewater is generated as the cement plant is operated on dry process.</p> <p>For domestic wastewater, there is a sewage treatment plant (STP) of the state-of-art technology. It has the capacity to treat domestic wastewater of 600 KLD. The pictures of STP are attached as <b>Annexure 9</b>.</p> <p>Contaminated water generated due to washing of equipment is passed through Oil and Grease Trapping Unit having separate chambers and pumping arrangement. The oil and grease are skimmed and kept in sealed barrels for further disposal to authorized vendors.</p> <p>The strained-out water left in the tank is stored in tanks, and is re-used for washing of HEMM. Detailed Report of the treated effluent is attached as <b>Annexure 10</b>.</p>
6.	Regular monitoring of air, water and noise should be made in and around the core- zone. Recorded data should be furnished to this Ministry (Regional Office, Bhopal) and the State Pollution Control Board six monthly. Noise levels should not exceed the limit of 85 dB. Ear plugs/ear muffs, may be provided to the workers engaged in the noisy atmosphere.	<p>Regular monitoring of ambient air quality, water quality and noise level are done at different locations in and around the core zone. Recorded data is submitted to relevant authorities as per schedule. Monitoring reports of the ambient air quality, water quality and noise level are given in <b>Annexure 7, 11 and 12</b> respectively. The noise level is well within acceptable limits.</p> <p>Ear plugs, dust masks are provided to workmen working in noisy atmosphere. Total PPEs distributed is given in <b>Annexure 13</b>.</p>

S. No.	EC CONDITION	COMPLIANCE STATUS
7.	The anti-pollution measures with regard to environment quality prescribed in the EMP should be implemented schedule in a time bound programme.	<p>The anti-pollution measures with regard to environment quality prescribed in the EMP have already been implemented.</p> <p>Water spraying is done on the entire haul roads round the clock by water tanker. Water spraying arrangement has been made at the crusher hopper. Permanent sprinkler arrangement has been provided along the haul road area. The pictures are provided in <b>Annexure 8</b>.</p> <p>EMP Compliance Report is summarized below:</p> <p><b>AJ POLLUTION CONTROL MEASURES</b></p> <p><b>Measures to prevent Generation and Dispersal of Dust</b></p> <ul style="list-style-type: none"> <li>• Dust suppression systems (water spray) are/would be adopted at loading faces-fully implemented and complied.</li> <li>• Dust generation Is/would be reduced by using sharp tooth for shovels -fully implemented and complied.</li> <li>• Dust suppression system (Water spraying) have been/would be adopted on roads which are used for transportation and plying of vehicles -fully implemented and complied.</li> </ul> <p><b>Measures to Control Air Pollution due to Airborne Dust</b></p> <ul style="list-style-type: none"> <li>• In addition to control measures during mining and transport operations, following steps have been/would be taken to prevent air pollution due to air borne dust: -fully implemented and complied.</li> <li>• More trees have been/would be planted around the dust generation points -fully implemented/complied.</li> <li>• More trees have been/would be planted on both sides of the roads along slopes etc. -fully implemented/complied.</li> <li>• Afforestation around the mine to filter out the dust and preventing it from reaching the residential areas has been / would be undertaken-fully implemented/complied.</li> <li>• Dust masks have been provided to workers, engaged at dust generation points like loading, dumping points etc. - fully implemented/complied.</li> <li>• Afforestation already mined out areas would be done as per schedule with minimum gap between excavation and afforestation to fix the dust and prevent it getting airborne - fully implemented/complied.</li> </ul>

S. No.	EC CONDITION	COMPLIANCE STATUS
		<p><b>Surface Water Pollution Control Measures</b></p> <ul style="list-style-type: none"> <li>• No surface water bodies are likely to get adversely affected by mining operations. No contamination of surface water source is anticipated as there are no toxic or chemical materials either in the mineral or the top soil cover.</li> <li>• Rain water which is accumulated shall be guided down to suitable drains after passing through reservoirs used as settling tanks-- fully implemented/complied. The photographs of the rainwater harvesting system are attached as <b>Annexure 14</b>.</li> </ul> <p><b>Ground Water Pollution Control Measures</b></p> <ul style="list-style-type: none"> <li>• The ground water table in the mine area is not likely to be affected. No control measures to prevent ground water have, therefore been recommended. -Agreed</li> </ul> <p><b>Noise Pollution Control Measures</b></p> <p>The noise level monitoring carried out in area has indicated the present noise levels are generally below 65(average) dB(A) which also includes impact of noise of deployment of various machines for excavation, transport, dumping, other auxiliary operations and plant operation. The following measures have been/would be taken to keep the noise levels well below the limits:</p> <ul style="list-style-type: none"> <li>• A thick green belt has been/would be provided around the periphery of the mine to screen the noise. -fully implemented/complied. The pictures of green belt are attached as <b>Annexure 15</b>.</li> <li>• Trees are/would be planted on both sides of roads used for transportation vehicles. -fully implemented/complied.</li> <li>• Proper maintenance of noise generating machinery including the transport vehicles. -fully implemented/complied.</li> <li>• Provision of silencers to modulate the noise generated by machines. -fully implemented/complied.</li> <li>• Provision of protective device like ear muffs/plugs. -fully implemented/complied.</li> <li>• Provision of sound Insulated chambers for the workers deployed on machines producing higher level of noise like bulldozers, drills etc., --fully implemented/complied.</li> <li>• Confining the noise levels by isolating the source of noise. -fully implemented/complied.</li> <li>• Reducing the exposure time of workers to higher noise levels - fully implemented/complied.</li> </ul>



S. No.	EC CONDITION	COMPLIANCE STATUS
		<p><b>Measures To Reduce Ground Vibrations</b></p> <ul style="list-style-type: none"> <li>• Peak particle velocity or Ground Vibrations for safety of nearby structures and residential buildings is well within 12.5mm/sec. - fully implemented/complied.</li> <li>• For safe permissible charges per delay initially guidance was taken from the empirical propagation equation <math>V=313.22(D/Q^{1/2})^{1.67}</math> but now it is firmed up by monitoring studies during the development stage for existing mines--fully implemented/complied.</li> <li>• Use of short delay detonators and non-electric detonators -fully implemented/complied.</li> <li>• To contain fly rocks, stemming column shall not be less than burden of hole. -fully implemented/complied.</li> <li>• As per the practice, each blast is carefully planned, checked, executed and monitored. Charge sheets and blasting data is recorded. -fully implemented/complied.</li> <li>• Electric detonators are used. Covering the detonating fuse Blasting is carried out in daylight hours only. -fully implemented/complied.</li> <li>• Care is taken to ensure that the effective burden is not excessive-fully implemented/complied.</li> <li>• Number of blasts per delay are kept to the minimum. - fully implemented/complied.</li> <li>• To adopt multi row blasting and "V" pattern of firing. - fully implemented/complied.</li> </ul> <p><b>BI MEASURES TO IMPROVE SOCIO-ECONOMIC CONDITIONS</b></p> <p><b>After Commissioning of Existing Project</b></p> <ul style="list-style-type: none"> <li>• 2.5 km WBM road to connect the villages - fully implemented/complied.</li> <li>• Repair of existing connecting roads in villages - fully implemented/complied.</li> <li>• Repair of drainage system in Hinouti village - fully implemented/complied.</li> <li>• PCL has constructed 1.6 km long and 10 m wide WBM road connecting plant to State Highway. Construction cost was Rs.</li> <li>• 12.0 lacs and annual maintenance cost is Rs. 3.0 lacs per annum. - fully implemented/complied. The road is now fully concreted.</li> </ul>

S. No.	EC CONDITION	COMPLIANCE STATUS
		<ul style="list-style-type: none"> <li>• PCL is contributing an amount of Rs. 13000/- per annum towards sports in the surrounding villages. -fully implemented/complied.</li> <li>• Provide drinking water to villagers in any social and religious gathering, -fully implemented/complied.</li> </ul> <p><b>Proposed Welfare Measures</b> In addition to welfare measures carried out, PCL shall continue the efforts to improve the socio-economic status of the local habitants, PCL shall review the various welfare schemes going on in the area from time to time and take decisions of modification/addition of welfare schemes as per the requirement of local habitants.</p> <p><b>Medical facility</b></p> <ul style="list-style-type: none"> <li>• A dispensary has been provided in the township area for the employees and same service is extended to local populations. A mobile clinic for rural medical health care has already been provided which visit the nearby villages twice every week. -fully implemented/complied.</li> <li>• Medical Centre is well equipped with all types of emergency medical equipment's e.g. emergency medicines, oxygen cylinder, electrically and manually operated suction pumps, statures etc. one well equipped ambulance containing arrangements for carrying 3 patients at a time is also provided to deal with emergencies. -fully implemented/complied.</li> <li>• Medical Centre is provided full time medical officer, three nursing assistants, three helpers, and other staff. Special arrangements have been made for regular visits of child specialists and gynecologist from Satna. -fully implemented/complied.</li> <li>• PCL is planning to provide pathological facility for testing of blood and urine at Medical Centre in coming year. -fully implemented/complied.</li> </ul> <p><b>Bank and Police Station</b> PCL-has-provided land and building and requisite facility to -a Nationalize (Bank and Police Station at village Mankahari. -fully implemented/complied.</p>

S. No.	EC CONDITION	COMPLIANCE STATUS
		<p><b>Employment:</b> most of the workers belong to the local area. In addition to this most of the local people are engaged in indirect employment like casual labour, dhaba, supply of local items, local mechanical works- -fully implemented/complied.</p> <p><b>Communication</b> PCL has also provided land and building to telephone exchange at village Mankahari. With the establishment of Telephone Exchange, other business opportunity for local population is widened. -fully implemented and complied.</p> <p>The pictures of the bank, medical centre and police station are attached as <b>Annexure 16.</b></p>
8.	A green belt around the dust generation points and the lease area should be provided. The density of the trees should be at least 1600 sapling/ha. Mixed species of sapling should be selected for enhancing the bio diversity programme in the lease hold area as mentioned in EMP and supplementary note should be implemented phase wise as envisaged.	Extensive plantation has been taken up covering the areas on either side of the crusher ramp, haul roads, sides of reservoir, dump slopes and in non-mineralized areas etc. as well as some part along the lease boundary. Plantation is going on in the backfilled areas cumulative plantation (Nos.) till FY 2024-25 is 1,22,408 covering 42.9 Ha. The details and pictures of green belt are attached as <b>Annexure 15.</b>
9.	The socio-economic/ community development measures including health care need to be augmented. A detailed annual action plan / time bound scheme for the socio-economic development should be submitted to the Ministry within three months.	A note on Socio economic development action plan has already been submitted to MoEF, Delhi / Bhopal vide our letter no. MIN / 0701 / 990628 dated 03.2.2000, which is attached as <b>Annexure 17.</b> The CSR programme is common for P.J.L. Expenditure made during FY 2024-25 for socio – economic / community development has been given in <b>Annexure 18.</b> The details of the activities are attached as <b>Annexure 19.</b>
10.	Mining operations should be carried out in such a manner that inhabitants of the villages Sijhata and Hinouti should not be shifted and adequate measures for socio-economic development be carried out.	Mining operations are carried out taking utmost care as per Scheme of Mining approved by Indian Bureau of Mines. All blasting operations are carried out as per permissions by the DGMS and guidelines of CMFRI. Vibration Reports are attached as <b>Annexure 20.</b> The habitation of Hinauti and Sijhata villages are not affected. Adequate measures for socio-economic development are carried out as per details in S. No. 9.

S. No.	EC CONDITION	COMPLIANCE STATUS
11.	Environmental Management Cell has to be established to carry out functions relating to environmental management action plans. The Head of the Cell should directly report to the Chief Executive.	Environmental Management Cell is functioning effectively, which is given in <b>Annexure 21</b> .
12.	Adequate fund provision (capital and recurring expenditure) should be provided for implementation of all safeguards including socio-economic programme as above. The funds should not be diverted for any other purpose (an amount of 1062.0 lakhs earmarked for pollution control measures and afforestation). Separate account would be kept for implementation of EMP measures.	Adequate fund provision has been made for implementation of socio- economic programs and environment management plan and accordingly spent. The fund for pollution control measures has not been diverted to any other purposes. The fund for pollution control measures has not been diverted to any other purposes. The PP has already made capital expenditure since inception and the recurring expense of current year is 113.93 lakh. The details of expenditure are given in <b>Annexure 22</b> .
13.	The Ministry reserves the right to stipulate any other conditions, as may be required based on feedback etc. in the interest of environmental protection.	Agreed. The Ministry may provide, as it may see fit, additional conditions for protection of environment.
14.	The project would be monitored by the regional office of this Ministry, Bhopal / the Central Pollution Control Board / the State Pollution Control Board. The project authorities should extend full cooperation to the officers of the Regional Office by furnishing the requisite data / information / monitoring report and all provide full access to the works / records etc.	Full coordination is extended to the officers of Regional Office in furnishing the requisite data/ information/ monitoring report and all access to the works/ records etc.
15.	Environmental compliance status vis-à-vis project implementation report specifically giving the progress of the implementation of afforestation programme, social welfare activities, including health care facilities should be submitted for the scrutiny of this Ministry and Regional Office once in 6 months regularly for regular monitoring purpose.	Six monthly compliance report is submitted to RO MoEF, Bhopal and respective authorities regularly. The receipt is attached as <b>Annexure 23</b> .

S. No.	EC CONDITION	COMPLIANCE STATUS
16.	The implementation of these conditions and safeguards will be enforced inter alia under the water (Prevention and Control of Pollution) Act, 1974 and the Environment (Protection) Act 1986 and the Public Liability Insurance Act 1991.	All these conditions as prescribed in the water (Prevention and Control of Pollution) Act, 1974 and the Environment (Protection) Act 1986 and the Public Liability Insurance Act 1991 are complied.

**Annexure 1**

**Mining Lease Sanction  
Order**



मध्य प्रदेश शासन  
खनिज तथा भू-विभाग  
"संज्ञासूचक"

253.326  
3/9/96

क्रमांक 3-29/95/12/ भोपाल, दिनांक  
प्रति.

कलेक्टर,

जिला- सतना [म090]

विषय:- जिला सतना के ग्राम हिनोती, तिजहटा के रकबा 309.608 हेक्टर  
क्षेत्र पर लाईम स्टोन खनिज हेतु मैसर्स प्रिन्स लीमिटेड लि.

संदर्भ:- आगका हा.क्र. 11एम/30/एमएल/94 दिनांक 9.3.95

मैसर्स प्रिन्स लीमिटेड लि0 ने जिला सतना के ग्राम हिनोती -तिजहटा  
के 309.608 हेक्टर क्षेत्र पर लाईम स्टोन खनिज के लिये खनिजदाता आवेदन पत्र  
प्रस्तुत किया।

2. आवेदन पत्र का परीक्षण करने पर पाया गया कि मैसर्स प्रिन्स लीमिटेड  
लिमि. द्वारा आवेदित 309.608 हेक्टर क्षेत्र में 56.282 हेक्टर क्षेत्र ऐसा नया  
क्षेत्र है जो कि आवेदक को पूर्वोक्त अनुज्ञप्ति में स्वीकृत नहीं था अतः खान एवं  
खनिज [विनियमन एवं विकास] अधिनियम 1957 की धारा 5[2] के अन्तर्गत  
ऐसा क्षेत्र जो पूर्वोक्त में स्वीकृत न हो खनिजदाता में स्वीकृत नहीं किया जा सकता  
अतः आवेदक को ग्राम हिनोती का 240.746 हेक्टर एवं तिजहटा का 12.590  
हेक्टर कुल 253.326 हेक्टर क्षेत्र खनिजदाता में स्वीकृत हेतु उपसूच्य पाया गया।

3. आवेदित खनिज अनुसूची "एक" का खनिज होने से खान एवं खनिज  
[विनियमन एवं विकास] अधिनियम 1957 की धारा 5[1] के अनुसार स्वीकृति  
के पूर्व केन्द्रीय शासन से उनके पत्र क्रमांक 4/97/95/एम-4 दिनांक 8.8.95 द्वारा  
उनका अनुमोदन प्राप्त किया गया।

4. अतः राज्य शासन द्वारा आवेदक को नीचे द्योर्हित शर्तों पर खनिजदाता  
स्वीकृत किया जाता है :-

1. आवेदक का नाम

मैसर्स प्रिन्स लीमिटेड लिमिटेड



॥2॥ स्वीकृत क्षेत्र का विवरण - ग्राम हिनौली 240.746 हेक्टर  
ग्राम तिजहटा 12.580 हेक्टर

कुल - 253.326 हेक्टर

- ॥3॥ खनिज का नाम लाईम स्टोन
- ॥4॥ स्वीकृति की अवधि 20वर्ष [बीत वर्ष] बिना नवकरण कण्डिका के ॥
- ॥5॥ आवेदक कंपनी द्वारा स्थानीय क्षेत्रीय विकास कार्य हेतु स्वेच्छिक योगदान दिये जाने के संबंध में अपने पत्र दिनांक 22.7.96 से दी गई अडरटेकिंग के अनुसार जिस प्रकार अन्य बदलेधारियों से लिया जावेगा, आवेदक कंपनी को देय होगा ।
- ॥6॥ रायल्टी /डेडरेंट अधिनियम मेंप्रस्तावित दर से ।
- ॥7॥ थियोडोलाईट सर्वे आदि आवश्यक हो तो किया जावे ।
- ॥8॥ चुनावत्थर [मार्शल] डोलोमाईट की स्थिति में :-  
खनि रियायत नियमावली 1960 के अन्तर्गत निर्धारित अनुबंध पत्र "के" खंड तात में सर्वे क्रमांक 21 के बाद मध्य प्रदेश शासन, नैतर्गिक साधन विभाग के पु.क्र. 8814-6384/12 दिनांक 24.11.1962 द्वारा तृपित सर्वे "ख" 21 "ख" जोड़ी जावे ।
- ॥9॥ आवेदक खनन किये गये चुनावत्थर का उपयोग स्थापित तीमेंट संयंत्र में करेगा।  
5/- यदि आवेदक को उपरोक्त सर्वे मान्य हो तो नियमानुसार जमानत राशि जमा कराकर आदेश प्राप्त होने के 6 माह के भीतर अनुबंध का निष्पादन किया जाकर अनुबंध की एक प्रति भेजी जावे ।  
कृपया अनुबंध निष्पादन के पूर्व यह सुनिश्चित कर लेंकि आवेदक के ऊपर कितनी प्रकार का खनिज राजस्व की राशि बकाया तो नहीं है ।

मध्यप्रदेश के राज्यपाल के नाम से तथा  
आदेशानुसार.

*Self*

॥ ए.के. त्रिवेदी ॥

अवर सचिव

मध्यप्रदेश शासन, खनिज साधन विभाग



11/3/1

पु050 3-29/95/12/1

मोपाल, दिनांक 31/9/96

प्रतिलिपि:-

- 11] तथिब, भारत सरकार, ज्ञान मंत्रालय, शास्त्री ज्ञान नई दिल्ली ।
- 12] तथिब, शैक्षिकी तथा खनिज, रायपुर ।
- 13] डायरेक्टर जनरल आक माइन्स सेव्ती धनबाद [बिहार]
- 14] कन्ट्रोलर जनरल इण्डियन कूपरों आक माइन्स नागपुर ।
- 15] क्षेत्रीय ज्ञान नियंत्रक भारतीय ज्ञान कूपरों जयपुर ।
- 16] मेसर्स प्रिन्स सीमेंट लि. राजेन्द्र नगर ततना  
की ओर सूचनार्थ एवं आवश्यककार्यवाही हेतु अग्रिम ।

र. के. त्रिवेदी  
अवर तथिब

गद्यकृदेश शासन, खनिज साधन विभाग

प्रतीवास्तव

# **Annexure 2**

## **Mining Plan Approval Letter**

## कार्यालय कलेक्टर (खनिज-शाखा) जिला, सतना (म.प्र.)

E-mail modgmsat@mp.gov.in

पत्र क्रमांक 233/खनिज/2016

सतना दिनांक 23.11.2016

प्रति,

मेसर्स प्रिज्म सीमेंट लिमिटेड,  
तहसील रामपुर बघेलान  
जिला-सतना (म0प्र0)

**विषय :-** खनिपट्टा ग्राम हिनौती, सिजहटा तहसील रामपुर बघेलान, जिला सतना के रकबा 253.326 हेक्टेयर क्षेत्र पर खनिज चूनापत्थर खनिपट्टा में समय वृद्धि।

**संदर्भ :-** आपका आवेदन पत्र दिनांक 22.01.2016 कार्यालयीन पत्र पृ0 पत्र क्रमांक 1750/खनिज/2015 दिनांक 26.10.2015।

—00—

विषयांतर्गत आपके पक्ष में जिला सतना अंतर्गत तहसील रामपुर बघेलान के ग्राम हिनौती, सिजहटा में रकबा 253.326 हे0 पर चूनापत्थर खनिपट्टा अवधि 28.09.1996 से 27.09.2016 तक स्वीकृत है। खान एवं खनिज (विकास तथा विनियमन) अधिनियम 1957 में हुए संशोधन 2015 व राज्य शासन के पत्र दिनांक 12.03.2015 के पालन में मूल स्वीकृति दिनांक से 50 वर्ष अथवा कैप्टिव माइंस हेतु 31.03.2030 समय वृद्धि का प्रावधान किया गया है। उक्त खनिपट्टे का अनुबंध निष्पादन 28.09.1996 को किया गया था जिसका एम.एम.डी.आर. 2015 के अंतर्गत अवधि 27.09.2046 तक प्रस्तावित है एवं अनुबंध निष्पादन की कार्यवाही प्रचलन में है।

उपरोक्त बावत् आपको सूचित किया जाता है कि संशोधित खनिज नियम 2015 व म0प्र0 शासन खनिज साधन विभाग भोपाल के पत्र दिनांक 12.03.2015 व चेकलिस्ट अनुसार माईनिंग प्लान/माईनिंग स्कीम व अन्य समस्त आवश्यक औपचारिकताएं पूर्ति करावे, जिससे शासन आदेशानुसार आवश्यक कार्यवाही की जा सके।

f खनि अधिकारी 23/01/16

कृते कलेक्टर जिला-सतना (म0प्र0)



भारत सरकार  
खान मंत्रालय  
भारतीय खान ब्यूरो  
क्षेत्रीय खान नियंत्रक का कार्यालय



GOVERNMENT OF INDIA  
MINISTRY OF MINES  
INDIAN BUREAU OF MINES  
O/O THE REGIONAL CONTROLLER OF MINES

फा0 सं0 - MP/Satna/Limestone/RMP-10/2021-22

5578

जबलपुर, दिनांक : 28/07/2021

प्रति,

M/s Prism Johnson Ltd.,  
Rajdeep, Rewa Road,  
District - Satna (M.P.) - 485 001  
E-mail - regdofficeprismcement@gmail.com

विषय:- म0प्र0 राज्य के सतना जिले में स्थित आपकी प्रिज्म सीमेंट लाइमस्टोन खान (क्षेत्र 253.326 हे0) के एमसीआर-2016 के नियम 17 (1) के अंतर्गत जमा किए गए खनन योजना के पुनर्विलोकन का अनुमोदन।

- संदर्भ :-1) आपका पत्र क्रमांक - PJI/MIN/2021/210183, दि0 28/04/2021, कार्यालय में प्राप्ति दि0-29/04/2021, भारतकोष द्वारा जमा प्रक्रिया शुल्क की रसीद संख्या 2704210002919, दि0 27/04/2021  
2) इस कार्यालय का समसंख्यक संवीक्षा-पत्र दि0- 09/07/2021  
3) आपका/क्यू पी0 का पत्र क्रमांक - PJI/MIN/2021/210225, दि0 16/07/2021 (प्राप्ति दि 19/07/2021)

महोदय,

In exercise of the powers conferred under Clause (b) of Sub-section (2) of Section 5 of Mines and Minerals (Development and Regulation) Amendment Act, 2015 read with Government of India Order no. S.O.1857(E), dated 18/05/2016, I hereby **Approve** the above said Review of Mining Plan submitted under Rule 17(1) of Minerals (Other than Atomic and Hydrocarbons Energy Minerals) Concession Rules, 2016. This approval is subject to the following conditions:

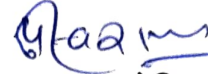
- 1 The Review of Mining Plan is approved without prejudice to any other law applicable to the mine area from time to time whether made by the Central Government, State Government or any other authority and without prejudice to any order or direction from any court of competent jurisdiction.
- 2 The proposals shown on the plates and /or given in the document is based on the lease map /sketch submitted by the lessee and is applicable from the date of approval.
- 3 It is clarified that the approval of aforesaid Review of Mining Plan does not in any way imply the approval of the Government in terms of any other provision of Mines & Minerals (Development & Regulation) Amendment Act, 2015, or the Minerals (Other than Atomic and Hydro Carbons Energy Minerals) Concession Rules, 2016 and any other laws including Forest (Conservation) Act, 1980, Environment (Protection) Act, 1986 or the rules made there under, Mines Act, 1952 and Rule & Regulations made there under.
- 4 Indian Bureau of mines has not undertaken verification of the mining lease boundary on the ground and does not undertake any responsibility regarding correctness of the boundaries of the leasehold shown on the ground with reference to lease map & other plans furnished by the lessee.
- 5 At any stage, if it is observed that the information furnished, data incorporated in the document are incorrect or misrepresent facts, the approval of the document shall be revoked with immediate effect.
- 6 The Financial Assurance furnished by you for **Rs. 6,83,84,100/- (Rs. Six Crore Eighty Three Lakh Eighty Four Thousand One Hundred only)** is valid up to **31/03/2026** and next Financial Assurance shall be submitted on or before **31/03/2026**.
- 7 This approval is restricted in respect of proposals given in the document for the period **2021-22 to 2025-26** with validity up to **31/03/2026 from the date of approval**, subject to all other statutory clearances.



- 8 If the approval conflicts with any other law or court order/direction under any statute, it shall be revoked immediately.
- 9 The next Review of Mining Plan will be due for submission on **01/10/2025**.
- 10 As per Madhya Pradesh State Government's order dated 10/08/2011 if there is enhancement of production proposed from that in the approved review of mining plan under such circumstances additional stamp duty has to be paid by the lessee for the enhances quantum of production and also a supplementary agreement has to be made by the lessee.

संलग्न:-अनुमोदित पुनर्विलोकन खनन् योजना की एक प्रति के साथ।

भवदीय,

  
( पुखराज नेणिवाल )  
क्षेत्रीय खान नियंत्रक  
भारतीय खान ब्यूरो, जबलपुर

---

पता : योजनाकमांक 11, कमलानेहरू नगर, जबलपुर 482002 (म.प्र.) / फोन 2416780 / 2416589 / 2416231 फैक्स 0761- 2416780  
Address : Scheme No 11, Kamla Nehru Nagar, Jabalpur 482002 (M.P) Phone 2416780 / 2416589 241631 Fax : (0761) 2416780  
E Mail : [ro.jabalpur@ibm.gov.in](mailto:ro.jabalpur@ibm.gov.in)

# **Annexure 3**

## **Overburden Dump Picture**

### **Annexure 3: Overburden Dump**



Overburden Dump Located in Area 253.326 ha

**Annexure 4**

**Relevant Pages of Approved  
Mining Scheme**

exploration activities have been completed for the second band due to which the reserves have increased to 48.719 million tonnes. As on 31.03.21.

Annual requirement of Limestone is about 9.0 million tonnes. It is proposed to mine about 2.175 million tonnes of Limestone every year from this ML area. Remaining quantity will be met from other leases of the Company. Based on the proposed production capacity, the life of the mine is about 22 years.

#### Conceptual Exploration:

The first phase of exploration was carried out by Prism Cement took up prospecting operations through G E M division of ACC in the year 1993 - 94. The total nos of 59 boreholes completed in 985.5 m drilled of the exploration for established of first band of Limestone in the mining lease area. The second phase and third phase of exploration was carried out by Prism Johnson limited who drilled 71 boreholes 3813 meters in grid interval (200X200) meters and a second band of limestone was fully established and no conceptual exploration to be proposed in the mining lease area.

Table No. 2.14

As on Date			During Proposal Period			During Conceptual Period		
Type	Quantum No. / Size	Area Covered (Ha.)	Type	Quantum No. / Size	Area Covered (Ha.)	Type	Quantum No. / Size	Area Covered (Ha.)
Pits	--	--	Pits	-	-	Pits	-	-
Trench	--	--	Trench	-	-	Trench	-	-
BH	130 Nos 4798.5 m	253.236 (200X200)	Core BH	19 No 1200m	25.7 (200X200)	Core BH	3 No 180m	12 (200X200)
Other	--	--	--	--	--	--	-	-

All exploration activity completed as per MEMC rules 2015 in the previous plan period there is no proposal to extended activities into the proposal & conceptual period and boreholes are completed. They are shown in the Surface Geological Plan. The exploratory boreholes are drilled to a depth for the continuation of the mineral according to the rules.

Surface Geological Plan and Sections have been given in the Plate No. - IV and Plate No. - V respectively showing the locations of the boreholes drilled and ultimate pit limit.

#### Conceptual development:

Following Pits will be available at the end of Conceptual Period:

Table No. 2.15

S. No.	Pit Name/ No.	Broken Area (Ha)	Pit Bottom Area (Ha)	Surface RL (Range)	Pit Bottom RL (Lowest)	Maximum No. of Benches on any side of Pit			Overall Slope
						Type	Bench No.	Avg. Height	
1	Pit-1	138.66	130.42	288-295	249	Soil	1	2	45°
						Limestone	2	6	
						Waste Rock	3	8	
						Limestone	2	6	
Total		138.66	130.42						

Ore to be generated during conceptual period = 31,403,337 Tonnes  
Waste Rock to be generated during conceptual period = 32,718,618 (Cum)  
OBS to be generated during conceptual period = 813,000 M3 (Cum)  
Top soil to be generated during conceptual period = 94,923 M3 (Cum)

#### Plan period 2026-2031:

The opening balance reserve for this period (2026-2031) is proposed to be at 32.71 million tons after generating 10.875 million tons for the plan period of 2021 to 26. The ore proposed to be exploited in the period 2026-31 is 10.875 Million tons. The working is proposed to be between pit located between N -285 to -1644 and E 488 to 1264, occupying an area of 48.25 ha. The working will be limited to two benches in first band of Limestone and two benches in Second band of Limestone.

Table No. - 2.16.1

S. No.	Pit Name / No.	Broken Area (Ha)	Pit Bottom Area (Ha)	Surface RL (Range)	Pit Bottom RL (Lowest)	Maximum No. of Benches on any side of Pit			Overall Slope
						Type	Bench No.	Avg. Height	
1	PCL Mine 263.326 Hect.	43.75	43.0	290-287	248	Soil	01	4-6	45°
						Limestone	02	06	
						Waste Rock	03	6-8	
						Limestone	02	06	

Ore to be generated during conceptual period = 10,467,779 Tones

OB to be generated during conceptual period = 11008847 M<sup>3</sup> (Cum)

**Plan period 2031-2036 of plan period:**

The opening balance reserve for this period (2031-2036) is proposed to be at 21.835 million tons after generating 10.875 million tons for the plan period of 2026 to 2031. The ore proposed to be exploited in the period 2031-36 is 10.875 Million tons. The working is proposed to be between pit located between N 238 to -1390 and E 1264 to E1912, occupying an area of 52.32 ha. The working will be limited to two benches in first band of Limestone and two benches in Second band of Limestone.

Table No. – 2.16.1

S. No.	Pit Name / No.	Broken Area (Ha)	Pit Bottom Area (Ha)	Surface RL (Range)	Pit Bottom RL (Lowest)	Maximum No. of Benches on any side of Pit			Overall Slope
						Type	Bench No.	Avg. Height	
1	PCL Mine 253.326 Hect.	52.32	41.85	290-287	248	Soil	01	4-6	45°
						Limestone	02	06	
						Waste Rock	03	6-8	
						Limestone	02	06	

Ore to be generated during conceptual period = 10,467,779 Tones

OB to be generated during conceptual period = 11008847 M<sup>3</sup> (Cum)

**Plan period 2036 to 2041 of plan period:**

The opening balance reserve for this period (2036-2041) is proposed to be at 10.96 million tons after generating 10.875 million tons for the plan period of 2031 to 2036. The ore proposed to be exploited in the period 2036-41 is 10.875 Million tons. The working is proposed to be between pit located between N -570 to N-1900 and E1201 to E2992, occupying an area of 51.75 ha. The working will be limited to two benches in first band of Limestone and two benches in Second band of Limestone.

Table No. – 2.16.1

S. No.	Pit Name / No.	Broken Area (Ha)	Pit Bottom Area (Ha)	Surface RL (Range)	Pit Bottom RL (Lowest)	Maximum No. of Benches on any side of Pit			Overall Slope
						Type	Bench No.	Avg. Height	
1	PCL Mine 253.326 Hect.	51.75	41.40	290-287	248	Soil	01	4-6	45°
						Limestone	02	06	
						Waste Rock	03	6-8	
						Limestone	02	06	

Ore to be generated during conceptual period = 10,467,779 Tones

OB to be generated during conceptual period = 11008847 M<sup>3</sup> (Cum)

**Conceptual OB Dump Management:**

The inter burden of shally limestone ranges from 16 to 26 mts thin soil cover of 1 to 6 mts covers the area left out of current mining activities. It is proposed to utilize the Waste rock in backfilling the mined out area. Plantation will be carried out over it after spreading 0.5 mtr. thick soil cover. No external dumping will be done during rest of life of the mine. Entire quantity of soil and waste rock to be generated will be utilized in backfilling purpose in mined out area.

**(A) Present Position**

**a) Following Soil dumps will be available at at present.**

TABLE NO. 2.16

Dump No.	Type Active/ Inactive	Quantity (M <sup>3</sup> )	Quantity (Tonnes)	Base Area (M <sup>2</sup> )	Base Area (Ha.)	Avg. Height (M)	Area stabilized	Location
S1	Inactive	67281	155649	28366	2.83	3	Terracing & Gentle slope	1241E to 1528E and -86N to -351N
S2	Inactive	144105	230568	13410	1.4	13	Temporary in pit Soil Storage	1315E to 1447E & -271N to -411N
Total		241386	386217	41776	4.17			



b) Following Waste dumps are available in the area at present:

Dump No.	Type Active/ Inactive	Quantity (M³)	Quantity (Tonnes)	Base Area (M²)	Base Area (Ha.)	Avg. Height (M)	Area stabilized	Location
D1	Active	4091680	10229201	97800	9.78	25	Temporary in pit Dumping	621E to 850E and- 1203N to -1517N
Total		4091680	10229201	97800	9.78	25		

(B) Proposal Period Position

a) Following Soil dumps will be available at the end of Proposal Period:

Table No. 2.17

Dump No.	Type Active/ Inactive	Quantity (M³)	Quantity (Tonnes)	Base Area (M²)	Base Area (Ha.)	Avg. Height (M)	Area stabilized	Location
S1	Inactive	28331	45329	28366	2.83	1	Terracing & Gentle slope	1241E to 1528E and -86N to -351N
S2	Inactive	144105	230568	13410	1.34	13	Temporary in pit Soil Storage	1315E to 1447E & -271N to -411N
Total		1,72,436	275897	41776	4.17			

b) Following Waste dumps will be available at the end of Proposal Period:

No any waste dumps are available at the end of proposal period. Waste dump will be used for backfilling.

(C) Conceptual Period Position

a) Following dumps will be available at the end of Conceptual Period:

No dumps (soil & Waste Rock) will be available at the conceptual period. Entire soil and waste rock will be used for backfilling.

#### 4.5 Conceptual Reclamation & Rehabilitation:

The mining lease is about 230Ha. Area will be disturbed by overall mining activity out of which 114.46 Ha mined out area will be reclaimed and rehabilitated by way of backfilling and plantation at the end of life of the mines and rest of the area i.e. 115.54 Ha. will be developed as water reservoir for recharging the water table of the area.

Table No. 2.19

Status	Mined Out Area (Ha)	Reclamation by Backfilling (Ha)	Rehabilitation (Ha)			Rehabilitation of Dump by Comp. & Afforestation	Protective measures for dumdum (GD/RW/ST)
			By Plantation on Backfilled area	By Water Reservoir	Total		
At Present*	9.72	4.315	0	0	0	--	--
At the end of Scheme Period	50.11	27.058	13.79	0	13.99	--	--
At the end of Conceptual Period	230.0	114.46	114.46	115.54	230	--	--

\* Exploration in the lease for the second band of limestone is completed. In the present case, we are working in the second band of limestone so that the backfilling operation and mined out are temporary due to the exploitation of the second band of limestone.

The ultimate area (size) of the pit will be around 230 Ha. Whereas, ultimate depth of the pit will be about 60 m and ultimate pit slope will be 45°. The main minable block of the lease is block 1 covering 242.720 Ha area. The conceptual pit position will cover 230 ha of this pit and the LxWxD of this pit at the conceptual stage will be 2400x1300x00 M

Pit position as on date, proposed pit position at the end of scheme period and ultimate pit size at the end of life of the mine will be as shown in Conceptual Plan in Plate No. – XIII and in section along with proposed Conceptual Plan is given in Plate No. – XIV.

#### B. UNDERGROUND MINING:

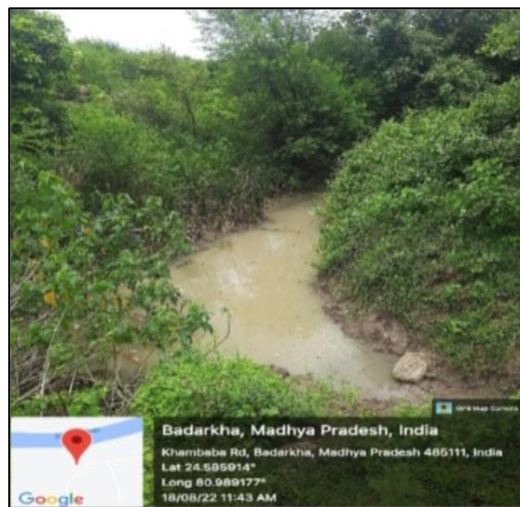
NOT APPLICABLE

**Annexure 5**

**Pictures of Garland Drain  
and Check Drain**



## Annexure 5: Pictures of Garland Drain and Catch Drain



**Annexure 6**

**Fugitive Dust Monitoring  
Reports**



# J.M. ENVIROLAB PVT. LTD.

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## TEST REPORT

Sample Number: JME/PJCL/FD/13  
Name & Address of Unit: M/s. Prism Johnson Limited  
Limestones Mines  
Area (772 ha, 99 ha, 253 ha & 66 ha)  
Tehsil- Rampur Baghelan, Distt. -Satna  
Madhya Pradesh

Report No.: JME/FD/250616683  
Format No.: 7.8 F-02  
Party Reference No. Nil  
Reporting Date: 19/06/2025  
Analysis Completion Date: 19/06/2025  
Analysis Start Date: 16/06/2025  
Receipt Date: 16/06/2025

Sample Description: FUGITIVE EMISSION

### General Information

Client Representative (Name & Designation)

Mr. Sumitabh Dwivedi  
(Assistant General Manager- Environment)

Sample collected by

JMELPL Team

Sampling Location

Near Haul Road

Instrument used

HVS

Instrument code

JME/HVS/01/01

Instrument calibration status

Calibrated

Meteorological condition during monitoring

Clear Sky

Date of Monitoring

13/06/2025

Time of Monitoring

08:18 to 12:20 hrs.

Duration of Monitoring, (minutes)

240.0

Ambient Temperature (°C)

40.0

Surrounding activity

Operational Activities

Sampling Protocol

JMELPL/STOP/04

Parameter Required

SPM

### TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit
1.	Suspended Particulate Matter	JMELPL/STOP/03	419.0	µg/m <sup>3</sup>

Note: As per CPCB Guideline

1. Permissible limit for other than coal dust is 5000 µg/m<sup>3</sup>
2. Permissible limit for Coal Dust is 2000 µg/m<sup>3</sup>

Page 1 of 1

Checked by  
Deepak Singh Yadav



Reviewed & Authorized by  
Sita Ram Yadav

#### Note:

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#### Reg. Office & Lab.

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E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

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Ext. Road, Sector-61, Gurugram-122011 (Haryana)





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CIN No. :U74220HR2011PTC085756



TC-6821

## TEST REPORT

Sample Number: **JME/PJCL/FD/14**  
Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772 ha, 99 ha, 253 ha & 66 ha)**  
**Tehsil- Rampur Baghelan, Distt. -Satna**  
**Madhya Pradesh**

Report No.: **JME/FD/250616684**  
Format No.: **7.8 F-02**  
Party Reference No.: **Nil**  
Reporting Date: **19/06/2025**  
Analysis Completion Date: **19/06/2025**  
Analysis Start Date: **16/06/2025**  
Receipt Date: **16/06/2025**

Sample Description: **FUGITIVE EMISSION**

### General Information

Client Representative (Name & Designation)

**Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**  
**JMELPL Team**

Sample collected by

Sampling Location

**Near Drilling/Loading Point**

Instrument used

**HVS**

Instrument code

**JME/HVS/01/01**

Instrument calibration status

**Calibrated**

Meteorological condition during monitoring

**Clear Sky**

Date of Monitoring

**13/06/2025**

Time of Monitoring

**14:00 to 18:03 Hrs.**

Duration of Monitoring, (minutes)

**240.0**

Ambient Temperature (°C)

**41.0**

Surrounding activity

**Operational Activities**

Sampling Protocol

**JMELPL/STOP/04**

Parameter Required

**SPM**

### TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit
1.	Suspended Particulate Matter	JMELPL/STOP/03	399.0	µg/m <sup>3</sup>

**Note:** As per CPCB Guideline

1. Permissible limit for other than coal dust is 5000 µg/m<sup>3</sup>
2. Permissible limit for Coal Dust is 2000 µg/m<sup>3</sup>

Page 1 of 1

**Checked by**  
**Deepak Singh Yadav**

**Reviewed & Authorized by**  
**Sita Ram Yadav**

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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC086766



TC-6821

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## TEST REPORT

Sample Number: **JME/PJCL/FD/13**  
 Name & Address of Unit: **M/s. Prism Johnson Limited  
 Limestones Mines  
 Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. - Satna Madhya Pradesh**

Report No.: **JME/FD/250918683**  
 Format No.: **7.8 F-02**  
 Party Reference No.: **Nil**  
 Reporting Date: **22/09/2025**  
 Analysis Completion Date: **22/09/2025**  
 Analysis Start Date: **18/09/2025**  
 Receipt Date: **18/09/2025**

Sample Description: **FUGITIVE EMISSION**

### General Information

Client Representative (Name & Designation)

**Mr. Sumitabh Dwivedi  
 (Assistant General Manager- Environment)**

Sample collected by

**JMELPL Team**

Sampling Location

**Near Haul Road**

Instrument used

**HVS**

Instrument code

**JME/HVS/01/01**

Instrument calibration status

**Calibrated**

Meteorological condition during monitoring

**Cloudy Sky**

Date of Monitoring

**15/09/2025**

Time of Monitoring

**08:05 to 12:09 hrs.**

Duration of Monitoring, (minutes)

**240.0**

Ambient Temperature (°C)

**34.0**

Surrounding activity

**Operational Activities**

Sampling Protocol

**JMELPL/STOP/04**

Parameter Required

**SPM**

### TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit
1.	Suspended Particulate Matter	JMELPL/STOP/03	389.0	µg/m <sup>3</sup>

Note: As per CPCB Guideline

1. Permissible limit for other than coal dust is 5000 µg/m<sup>3</sup>
2. Permissible limit for Coal Dust is 2000 µg/m<sup>3</sup>

Page No. 1 of 1

Checked by  
**Deepak Singh Yadav**



Reviewed & Authorized by  
**Rajkumar Yadav**

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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

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## TEST REPORT

Sample Number: **JME/PJCL/FD/14**  
 Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. - Satna Madhya Pradesh**

Report No.: **JME/FD/250918684**  
 Format No.: **7.8 F-02**  
 Party Reference No.: **Nil**  
 Reporting Date: **22/09/2025**  
 Analysis Completion Date: **22/09/2025**  
 Analysis Start Date: **18/09/2025**  
 Receipt Date: **18/09/2025**

Sample Description: **FUGITIVE EMISSION**

### General Information

Client Representative (Name & Designation)

**Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**  
**JMELPL Team**

Sample collected by

**Near Drilling/Loading Point**

Sampling Location

**HVS**

Instrument used

Instrument code

**JME/HVS/01/01**

Instrument calibration status

**Calibrated**

Meteorological condition during monitoring

**Cloudy Sky**

Date of Monitoring

**15/09/2025**

Time of Monitoring

**13:35 to 17:39 Hrs.**

Duration of Monitoring, (minutes)

**240.0**

Ambient Temperature (°C)

**25.0**

Surrounding activity

**Operational Activities**

Sampling Protocol

**JMELPL/STOP/04**

Parameter Required

**SPM**

### TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit
1.	Suspended Particulate Matter	JMELPL/STOP/03	325.0	µg/m <sup>3</sup>

**Note:** As per CPCB Guideline

1. Permissible limit for other than coal dust is 5000 µg/m<sup>3</sup>
2. Permissible limit for Coal Dust is 2000 µg/m<sup>3</sup>

Page No. 1 of 1

**Checked by**  
**Deepak Singh Yadav**

**Reviewed & Authorized by**  
**Rajkumar Yadav**

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**Annexure 7**

**Ambient Air Quality  
Monitoring Reports**





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# J.M. ENVIROLAB PVT. LTD.

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018



TC-6821

## TEST REPORT

Name & Address of Unit:

M/s. Prism Johnson Limited  
Limestones Mines  
Area (772 ha, 99 ha, 253 ha & 66 ha)  
Tehsil- Rampur Baghelan, Distt. -Satna  
Madhya Pradesh

Report No.:  
Date of Reporting:  
Monitoring Month:  
Protocol Used:

JME/A/250407617  
05/05/2025  
April, 2025  
IS-5182

Sample Description:  
Sampling Location:  
Sample Collected by:  
Client Representative:

AMBIENT AIR QUALITY MONITORING  
SW (BP No.18)  
JMEPL Team  
Mr. Sumitabh Dwivedi  
(Assistant General Manager- Environment)

Instrument Used for Sampling: RDS & FPS  
Latitude: 24° 34' 33" N  
Longitude: 80° 59' 51" E

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
<b>NAAQS</b>	<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>4</b>
02/04/2025 to 03/04/2025	21.79	41.91	12.29	6.40	0.52
04/04/2025 to 05/04/2025	26.38	50.32	15.90	8.33	0.56
08/04/2025 to 09/04/2025	30.47	60.30	19.21	10.37	0.68
11/04/2025 to 12/04/2025	28.06	53.85	18.58	9.12	0.59
15/04/2025 to 16/04/2025	20.65	39.71	11.65	6.07	0.50
18/04/2025 to 19/04/2025	24.99	47.68	15.06	7.89	0.53
22/04/2025 to 23/04/2025	27.38	52.24	16.37	8.58	0.58
25/04/2025 to 26/04/2025	35.21	67.23	22.22	13.25	0.74
28/04/2025 to 29/04/2025	32.12	61.74	20.17	11.39	0.71
29/04/2025 to 30/04/2025	34.38	64.09	21.76	12.76	0.73
<b>Minimum</b>	<b>20.65</b>	<b>39.71</b>	<b>11.65</b>	<b>6.07</b>	<b>0.50</b>
<b>Maximum</b>	<b>35.21</b>	<b>67.23</b>	<b>22.22</b>	<b>13.25</b>	<b>0.74</b>
<b>Average</b>	<b>28.14</b>	<b>53.91</b>	<b>17.32</b>	<b>9.42</b>	<b>0.62</b>

Note: Monitoring was carried out for 24 hours at the above Location.

### Abbreviations:

**NAAQS** : National Ambient Air Quality Standard  
**PM<sub>2.5</sub>** : Fine Particulate Matter  
**PM<sub>10</sub>** : Respirable Suspended Particulate Matter  
**NO<sub>2</sub>** : Nitrogen Dioxide  
**SO<sub>2</sub>** : Sulphur Dioxide  
**CO** : Carbon Monoxide (One Hour)

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

Ritika Saini  
Tested by

Deepak Singh  
Checked by

Sita Ram Yadav  
Authorized Signatory

### Note:

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TC-6821

Approved from MoEF&amp;CC &amp; Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

## TEST REPORT

Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772 ha, 99 ha, 253 ha & 66 ha)**  
**Tehsil- Rampur Baghelan, Distt. -Satna**  
**Madhya Pradesh**

Report No.: **JME/A/250407618**  
 Date of Reporting: **05/05/2025**  
 Monitoring Month: **April, 2025**  
 Protocol Used: **IS-5182**

Sample Description: **AMBIENT AIR QUALITY MONITORING**  
 Sampling Location: **Near Western Side ML Boundary**  
**(Pillar No. 14) of ML Area**

Instrument Used for Sampling: **RDS & FPS**

Sample Collected by: **JMELPL Team**  
 Client Representative: **Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**

Latitude: **24° 35' 11" N**  
 Longitude: **80° 59' 25" E**

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
<b>NAAQS</b>	<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>4</b>
02/04/2025 to 03/04/2025	18.72	36.39	11.47	6.54	BDL (DL 0.5)
04/04/2025 to 05/04/2025	20.91	42.36	14.23	7.18	BDL (DL 0.5)
08/04/2025 to 09/04/2025	25.14	53.08	17.51	9.07	0.56
11/04/2025 to 12/04/2025	23.23	48.38	15.84	8.52	0.54
15/04/2025 to 16/04/2025	16.75	34.47	9.88	5.23	BDL (DL 0.5)
18/04/2025 to 19/04/2025	19.81	40.13	13.43	6.47	BDL (DL 0.5)
22/04/2025 to 23/04/2025	21.71	43.97	14.65	7.39	0.51
25/04/2025 to 26/04/2025	30.47	59.22	19.81	10.76	0.60
28/04/2025 to 29/04/2025	27.03	56.33	18.76	9.59	0.58
29/04/2025 to 30/04/2025	29.10	58.48	19.31	10.24	0.59
<b>Minimum</b>	<b>16.75</b>	<b>34.47</b>	<b>9.88</b>	<b>5.23</b>	<b>0.51</b>
<b>Maximum</b>	<b>30.47</b>	<b>59.22</b>	<b>19.81</b>	<b>10.76</b>	<b>0.60</b>
<b>Average</b>	<b>23.29</b>	<b>47.28</b>	<b>15.49</b>	<b>8.10</b>	<b>0.56</b>

Note: Monitoring was carried out for 24 hours at the above Location.

## Abbreviations:

**NAAQS** : National Ambient Air Quality Standard  
**PM<sub>2.5</sub>** : Fine Particulate Matter  
**PM<sub>10</sub>** : Respirable Suspended Particulate Matter  
**NO<sub>2</sub>** : Nitrogen Dioxide  
**SO<sub>2</sub>** : Sulphur Dioxide  
**CO** : Carbon Monoxide (One Hour)  
**BDL** : Below Detection Limit  
**DL** : Detection Limit

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

*Ritika Saini*  
**Ritika Saini**  
 Tested by

*Deepak Singh*  
**Deepak Singh**  
 Checked by

*Sita Ram Yadav*  
**Sita Ram Yadav**  
 Authorized Signatory

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TC-6821

Approved from MoEF&amp;CC &amp; Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

## TEST REPORT

Name &amp; Address of Unit:

M/s. Prism Johnson Limited  
Limestones Mines  
Area (772 ha, 99 ha, 253 ha & 66 ha)  
Tehsil- Rampur Baghelan, Distt. -Satna  
Madhya Pradesh

Report No.:  
Date of Reporting:  
Monitoring Month:  
Protocol Used:

JME/A/250407619  
05/05/2025  
April, 2025  
IS-5182

Sample Description:  
Sampling Location:  
Sample Collected by:  
Client Representative:

AMBIENT AIR QUALITY MONITORING  
Near Hinauti Village  
JMEPL Team  
Mr. Sumitabh Dwivedi  
(Assistant General Manager- Environment)

Instrument Used for Sampling: RDS & FPS  
Latitude: 24° 35' 18" N  
Longitude: 81° 0' 15" E

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
<b>NAAQS</b>	<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>4</b>
02/04/2025 to 03/04/2025	22.95	39.24	14.34	7.83	0.52
04/04/2025 to 05/04/2025	27.89	51.28	16.18	8.77	0.58
08/04/2025 to 09/04/2025	33.14	61.56	19.67	10.43	0.62
11/04/2025 to 12/04/2025	29.91	55.68	18.16	9.77	0.59
15/04/2025 to 16/04/2025	20.89	37.44	12.64	6.45	BDL (DL 0.5)
18/04/2025 to 19/04/2025	26.46	48.99	15.36	8.05	0.55
22/04/2025 to 23/04/2025	28.96	53.23	17.65	9.03	0.60
25/04/2025 to 26/04/2025	37.94	67.77	22.58	11.84	0.67
28/04/2025 to 29/04/2025	35.45	62.23	20.09	10.75	0.64
29/04/2025 to 30/04/2025	36.80	64.60	21.68	11.06	0.66
<b>Minimum</b>	<b>20.89</b>	<b>37.44</b>	<b>12.64</b>	<b>6.45</b>	<b>0.52</b>
<b>Maximum</b>	<b>37.94</b>	<b>67.77</b>	<b>22.58</b>	<b>11.84</b>	<b>0.67</b>
<b>Average</b>	<b>30.04</b>	<b>54.20</b>	<b>17.84</b>	<b>9.40</b>	<b>0.60</b>

Note: Monitoring was carried out for 24 hours at the above Location.

## Abbreviations:

**NAAQS** : National Ambient Air Quality Standard  
**PM<sub>2.5</sub>** : Fine Particulate Matter  
**PM<sub>10</sub>** : Respirable Suspended Particulate Matter  
**NO<sub>2</sub>** : Nitrogen Dioxide  
**SO<sub>2</sub>** : Sulphur Dioxide  
**CO** : Carbon Monoxide (One Hour)  
**BDL** : Below Detection Limit  
**DL** : Detection Limit

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

*Ritika Saini*  
Ritika Saini  
Tested by

*Deepak Singh*  
Deepak Singh  
Checked by

*Sma Ram Yadav*  
Sma Ram Yadav  
Authorized Signatory

## Note:

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## Reg. Office &amp; Lab.

424, Ground Floor, Udyog Vihar,  
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E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

## Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,  
Golf Course Ext. Road, Sector-61,  
Gurugram-122011(Haryana)





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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

## TEST REPORT

<p>Name &amp; Address of Unit:</p> <p>Sample Description:</p> <p>Sampling Location:</p> <p>Sample Collected by:</p> <p>Client Representative:</p>	<p><b>M/s. Prism Johnson Limited</b>  <b>Limestones Mines</b>  <b>Area (772 ha, 99 ha, 253 ha &amp; 66 ha)</b>  <b>Tehsil- Rampur Baghelan, Distt. -Satna</b>  <b>Madhya Pradesh</b></p> <p><b>AMBIENT AIR QUALITY MONITORING</b>  <b>Near Mankahari Village</b>  <b>JMELPL Team</b>  <b>Mr. Sumitabh Dwivedi</b>  <b>(Assistant General Manager- Environment)</b></p>	<p>Report No.: <b>JME/A/250407620</b></p> <p>Date of Reporting: <b>05/05/2025</b></p> <p>Monitoring Month: <b>April, 2025</b></p> <p>Protocol Used: <b>IS-5182</b></p> <p>Instrument Used for Sampling: <b>RDS &amp; FPS</b></p> <p>Latitude: <b>24° 35' 36" N</b></p> <p>Longitude: <b>81° 1' 17" E</b></p>
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## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
<b>NAAQS</b>	<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>4</b>
02/04/2025 to 03/04/2025	24.17	48.25	13.51	7.83	0.57
04/04/2025 to 05/04/2025	29.46	55.07	17.35	8.84	0.60
08/04/2025 to 09/04/2025	33.27	62.32	21.22	10.88	0.65
11/04/2025 to 12/04/2025	31.40	60.83	20.32	9.90	0.64
15/04/2025 to 16/04/2025	22.90	45.71	11.81	6.45	0.56
18/04/2025 to 19/04/2025	27.91	52.17	16.44	8.37	0.58
22/04/2025 to 23/04/2025	30.58	57.16	17.86	9.10	0.62
25/04/2025 to 26/04/2025	38.29	67.43	24.03	12.41	0.72
28/04/2025 to 29/04/2025	34.05	63.65	22.55	11.17	0.69
29/04/2025 to 30/04/2025	36.39	66.07	23.21	11.50	0.71
<b>Minimum</b>	<b>22.90</b>	<b>45.71</b>	<b>11.81</b>	<b>6.45</b>	<b>0.56</b>
<b>Maximum</b>	<b>38.29</b>	<b>67.43</b>	<b>24.03</b>	<b>12.41</b>	<b>0.72</b>
<b>Average</b>	<b>30.84</b>	<b>57.87</b>	<b>18.83</b>	<b>9.64</b>	<b>0.63</b>

**Note:** Monitoring was carried out for 24 hours at the above Location.

### Abbreviations:

**NAAQS** : National Ambient Air Quality Standard  
**PM<sub>2.5</sub>** : Fine Particulate Matter  
**PM<sub>10</sub>** : Respirable Suspended Particulate Matter  
**NO<sub>2</sub>** : Nitrogen Dioxide  
**SO<sub>2</sub>** : Sulphur Dioxide  
**CO** : Carbon Monoxide (One Hour)

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

**Ritika Saini**  
 Tested by

**Deepak Singh**  
 Checked by

**Sita Ram Yadav**  
 Authorized Signatory

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 Gurugram-122011(Haryana)





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**J.M. ENVIROLAB PVT. LTD.**

CIN No. :U74220HR2011PTC085756



TC-6821

Approved from MoEF&amp;CC &amp; Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

**TEST REPORT**

Name &amp; Address of Unit:

M/s. Prism Johnson Limited  
Limestones Mines  
Area (772 ha, 99 ha, 253 ha & 66 ha)  
Tehsil- Rampur Baghelan, Distt. -Satna  
Madhya Pradesh

Report No.:

JME/A/250505617

Date of Reporting:

05/06/2025

Monitoring Month:

May, 2025

Protocol Used:

IS-5182

Sample Description:

**AMBIENT AIR QUALITY MONITORING**

Instrument Used for Sampling:

RDS &amp; FPS

Sampling Location:

SW (BP No.18)

Latitude:

24° 34' 33" N

Sample Collected by:

JMEPL Team

Longitude:

80° 59' 51" E

Client Representative:

Mr. Sumitabh Dwivedi  
(Assistant General Manager- Environment)

**TEST RESULTS**

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
<b>NAAQS</b>	<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>4</b>
01/05/2025 to 02/05/2025	24.3	44.8	12.8	6.7	0.54
02/05/2025 to 03/05/2025	28.2	53.8	16.5	8.7	0.58
06/05/2025 to 07/05/2025	32.6	64.5	20.0	10.8	0.71
09/05/2025 to 10/05/2025	30.0	57.6	19.3	9.5	0.62
13/05/2025 to 14/05/2025	37.7	71.9	23.1	13.8	0.77
16/05/2025 to 17/05/2025	35.8	68.6	22.6	13.3	0.76
20/05/2025 to 21/05/2025	29.3	55.9	17.0	8.9	0.60
23/05/2025 to 24/05/2025	22.1	42.5	12.1	6.3	0.52
27/05/2025 to 28/05/2025	26.7	51.0	15.7	8.2	0.55
30/05/2025 to 31/05/2025	34.4	66.1	21.0	11.8	0.74
<b>Minimum</b>	<b>22.1</b>	<b>42.5</b>	<b>12.1</b>	<b>6.3</b>	<b>0.52</b>
<b>Maximum</b>	<b>37.7</b>	<b>71.9</b>	<b>23.1</b>	<b>13.8</b>	<b>0.77</b>
<b>Average</b>	<b>30.11</b>	<b>57.68</b>	<b>18.01</b>	<b>9.79</b>	<b>0.64</b>

Note: Monitoring was carried out for 24 hours at the above Location.

**Abbreviations:**

**NAAQS** : National Ambient Air Quality Standard  
**PM<sub>2.5</sub>** : Fine Particulate Matter  
**PM<sub>10</sub>** : Respirable Suspended Particulate Matter  
**NO<sub>2</sub>** : Nitrogen Dioxide  
**SO<sub>2</sub>** : Sulphur Dioxide  
**CO** : Carbon Monoxide (One Hour)

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

*Ritika Saini*  
**Ritika Saini**  
 Tested by

*Deepak Singh*  
**Deepak Singh**  
 Checked by

*Sita Ram Yadav*  
**Sita Ram Yadav**  
 Authorized Signatory

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J.M. ENVIROLAB PVT. LTD.



TC-6821

Approved from MoEF&amp;CC &amp; Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

## TEST REPORT

Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772 ha, 99 ha, 253 ha & 66 ha)**  
**Tehsil- Rampur Baghelan, Distt. -Satna**  
**Madhya Pradesh**

Report No.: **JME/A/250505618**  
Date of Reporting: **05/06/2025**  
Monitoring Month: **May, 2025**  
Protocol Used: **IS-5182**

Sample Description: **AMBIENT AIR QUALITY MONITORING**  
Sampling Location: **Near Western Side ML Boundary**  
**(Pillar No. 14) of ML Area**

Instrument Used for Sampling: **RDS & FPS**

Sample Collected by: **JMELPL Team**  
Client Representative: **Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**

Latitude: **24° 35' 11" N**  
Longitude: **80° 59' 25" E**

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
<b>NAAQS</b>	<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>4</b>
01/05/2025 to 02/05/2025	20.0	38.9	11.9	6.8	BDL (DL 0.5)
02/05/2025 to 03/05/2025	22.4	45.3	14.8	7.5	0.51
06/05/2025 to 07/05/2025	26.9	56.8	18.2	9.4	0.58
09/05/2025 to 10/05/2025	24.9	51.8	16.5	8.9	0.56
13/05/2025 to 14/05/2025	32.6	63.4	20.6	11.2	0.62
16/05/2025 to 17/05/2025	30.1	62.6	20.1	10.6	0.60
20/05/2025 to 21/05/2025	23.2	47.1	15.2	7.7	0.53
23/05/2025 to 24/05/2025	17.9	36.9	10.3	5.4	BDL (DL 0.5)
27/05/2025 to 28/05/2025	21.2	42.9	14.0	6.7	BDL (DL 0.5)
30/05/2025 to 31/05/2025	28.9	60.3	19.5	10.0	0.60
<b>Minimum</b>	<b>17.9</b>	<b>36.9</b>	<b>10.3</b>	<b>5.4</b>	<b>0.51</b>
<b>Maximum</b>	<b>32.6</b>	<b>63.4</b>	<b>20.6</b>	<b>11.2</b>	<b>0.62</b>
<b>Average</b>	<b>24.82</b>	<b>50.59</b>	<b>16.11</b>	<b>8.42</b>	<b>0.57</b>

Note: Monitoring was carried out for 24 hours at the above Location.

## Abbreviations:

**NAAQS** : National Ambient Air Quality Standard  
**PM<sub>2.5</sub>** : Fine Particulate Matter  
**PM<sub>10</sub>** : Respirable Suspended Particulate Matter  
**NO<sub>2</sub>** : Nitrogen Dioxide  
**SO<sub>2</sub>** : Sulphur Dioxide  
**CO** : Carbon Monoxide (One Hour)  
**BDL** : Below Detection Limit  
**DL** : Detection Limit

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

*Ritika Saini*  
**Ritika Saini**  
Tested by

*Deepak Singh*  
**Deepak Singh**  
Checked by

*Sita Ram Yadav*  
**Sita Ram Yadav**  
Authorized Signatory

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TC-6821

Approved from MoEF&amp;CC &amp; Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

## TEST REPORT

Name &amp; Address of Unit:

M/s. Prism Johnson Limited  
Limestones Mines  
Area (772 ha, 99 ha, 253 ha & 66 ha)  
Tehsil- Rampur Baghelan, Distt. -Satna  
Madhya Pradesh

Report No.:

JME/A/250505619

Date of Reporting:

05/06/2025

Monitoring Month:

May, 2025

Protocol Used:

IS-5182

Sample Description:

AMBIENT AIR QUALITY MONITORING

Instrument Used for Sampling:

RDS &amp; FPS

Sampling Location:

Near Hinauti Village

Sample Collected by:

JMELPL Team

Latitude:

24° 35' 18" N

Client Representative:

Mr. Sumitabh Dwivedi  
(Assistant General Manager- Environment)

Longitude:

81° 0' 15" E

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
<b>NAAQS</b>	<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>4</b>
01/05/2025 to 02/05/2025	24.6	42.0	14.9	8.1	0.54
02/05/2025 to 03/05/2025	29.8	54.9	16.8	9.1	0.60
06/05/2025 to 07/05/2025	35.5	65.9	20.5	10.8	0.64
09/05/2025 to 10/05/2025	32.0	59.6	18.9	10.2	0.61
13/05/2025 to 14/05/2025	41.6	72.5	23.5	12.3	0.70
16/05/2025 to 17/05/2025	39.4	69.1	22.6	11.5	0.68
20/05/2025 to 21/05/2025	31.0	57.0	18.4	9.4	0.62
23/05/2025 to 24/05/2025	22.4	40.1	13.1	6.7	0.51
27/05/2025 to 28/05/2025	27.3	52.4	16.0	8.4	0.57
30/05/2025 to 31/05/2025	37.9	66.6	20.9	11.2	0.67
<b>Minimum</b>	<b>22.4</b>	<b>40.1</b>	<b>13.1</b>	<b>6.7</b>	<b>0.51</b>
<b>Maximum</b>	<b>41.6</b>	<b>72.5</b>	<b>23.5</b>	<b>12.3</b>	<b>0.70</b>
<b>Average</b>	<b>32.14</b>	<b>57.99</b>	<b>18.55</b>	<b>9.77</b>	<b>0.61</b>

Note: Monitoring was carried out for 24 hours at the above Location.

## Abbreviations:

**NAAQS** : National Ambient Air Quality Standard  
**PM<sub>2.5</sub>** : Fine Particulate Matter  
**PM<sub>10</sub>** : Respirable Suspended Particulate Matter  
**NO<sub>2</sub>** : Nitrogen Dioxide  
**SO<sub>2</sub>** : Sulphur Dioxide  
**CO** : Carbon Monoxide (One Hour)  
**BDL** : Below Detection Limit  
**DL** : Detection Limit

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

*Ritika Saini*  
Ritika Saini  
Tested by

*Deepak Singh*  
Deepak Singh  
Checked by

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Sina Ram Yadav  
Authorized Signatory

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TC-6821

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## TEST REPORT

Name &amp; Address of Unit:

M/s. Prism Johnson Limited  
Limestones Mines  
Area (772 ha, 99 ha, 253 ha & 66 ha)  
Tehsil- Rampur Baghelan, Distt. -Satna  
Madhya Pradesh

Report No.:

JME/A/250505620

Date of Reporting:

05/06/2025

Monitoring Month:

May, 2025

Protocol Used:

IS-5182

Sample Description:

AMBIENT AIR QUALITY MONITORING

Instrument Used for Sampling:

RDS &amp; FPS

Sampling Location:

Near Mankahari Village

Sample Collected by:

JMEPL Team

Latitude:

24° 35' 36" N

Client Representative:

Mr. Sumitabh Dwivedi  
(Assistant General Manager- Environment)

Longitude:

81° 1' 17" E

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
<b>NAAQS</b>	<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>4</b>
01/05/2025 to 02/05/2025	26.9	51.6	14.1	8.1	0.59
02/05/2025 to 03/05/2025	31.5	58.9	18.0	9.2	0.63
06/05/2025 to 07/05/2025	35.6	66.7	22.1	11.3	0.68
09/05/2025 to 10/05/2025	33.6	65.1	21.1	10.3	0.67
13/05/2025 to 14/05/2025	41.0	72.2	24.6	12.6	0.75
16/05/2025 to 17/05/2025	38.9	70.7	24.1	12.0	0.74
20/05/2025 to 21/05/2025	32.7	61.2	18.6	9.4	0.64
23/05/2025 to 24/05/2025	24.5	48.9	12.3	6.7	0.58
27/05/2025 to 28/05/2025	29.9	55.8	17.1	8.7	0.60
30/05/2025 to 31/05/2025	36.4	68.1	23.4	11.6	0.71
<b>Minimum</b>	<b>24.5</b>	<b>48.9</b>	<b>12.3</b>	<b>6.7</b>	<b>0.58</b>
<b>Maximum</b>	<b>41.0</b>	<b>72.2</b>	<b>24.6</b>	<b>12.6</b>	<b>0.75</b>
<b>Average</b>	<b>33.10</b>	<b>61.92</b>	<b>19.55</b>	<b>9.99</b>	<b>0.66</b>

Note: Monitoring was carried out for 24 hours at the above Location.

## Abbreviations:

**NAAQS** : National Ambient Air Quality Standard  
**PM<sub>2.5</sub>** : Fine Particulate Matter  
**PM<sub>10</sub>** : Respirable Suspended Particulate Matter  
**NO<sub>2</sub>** : Nitrogen Dioxide  
**SO<sub>2</sub>** : Sulphur Dioxide  
**CO** : Carbon Monoxide (One Hour)

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

*Ritika Saini*  
Ritika Saini  
Tested by

*Deepak Singh*  
Deepak Singh  
Checked by

*Sita Ram Yadav*  
Sita Ram Yadav  
Authorized Signatory

## Note:

1. This test report has been at your request and test results pertain to the tested sample received.
2. This report is for your reference only and not to be used for any legal purpose.
3. Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
4. Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
5. The sample will be destroyed after retention time unless otherwise specified specially.
6. Endorsement of the product tested by the laboratory is neither inferred nor implied.
7. Report shall not be reproduce except in full without approval of the laboratory.
8. All disputes are subject to exclusive jurisdiction of Jaipur court only.

## Reg. Office &amp; Lab.

424, Ground Floor, Udyog Vihar,  
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E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

## Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,  
Golf Course Ext. Road, Sector-61,  
Gurugram-122011(Haryana)





# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

30 years of success Recognized by CPCB under EP Act-1986, Certified by ISO-9001:2015, 14001:2015 &amp; 45001:2018

## TEST REPORT

Name &amp; Address of Unit:

M/s. Prism Johnson Limited  
Limestones Mines  
Area (772 ha, 99 ha, 253 ha & 66 ha)  
Tehsil- Rampur Baghelan, Distt. -Satna  
Madhya Pradesh

Report No.:

JME/A/250606617

Date of Reporting:

04/07/2025

Monitoring Month:

June, 2025

Sampling Protocol:

JMELPL/STOP/04

Sample Description:

AMBIENT AIR QUALITY MONITORING

Instrument Used for Sampling:

RDS &amp; FPS

Sampling Location:

SW (BP No.18)

Latitude:

24° 34' 33" N

Sample Collected by:

JMELPL Team

Longitude:

80° 59' 51" E

Client Representative:

Mr. Sumitabh Dwivedi  
(Assistant General Manager- Environment)

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
03/06/2025 to 04/06/2025	33.6	64.5	20.3	11.5	0.72
06/06/2025 to 07/06/2025	35.4	67.6	21.7	12.9	0.73
10/06/2025 to 11/06/2025	29.2	54.2	18.2	8.9	0.58
13/06/2025 to 14/06/2025	30.7	60.6	19.8	10.1	0.67
17/06/2025 to 18/06/2025	28.5	52.5	16.9	8.4	0.57
20/06/2025 to 21/06/2025	26.5	50.6	15.5	7.5	0.55
24/06/2025 to 25/06/2025	20.8	39.9	11.4	5.9	BDL (DL 0.5)
27/06/2025 to 28/06/2025	22.9	42.2	12.0	6.3	0.51
Minimum	20.8	39.9	11.4	5.9	0.51
Maximum	35.4	67.6	21.7	12.9	0.73
Average	28.45	54.02	16.97	8.94	0.62
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2)	IS 5182 (Part-10)
NAAQS	60	100	80	80	4

Note: Monitoring was carried out for 24 hours at the above Location.

### Abbreviations:

NAAQS : National Ambient Air Quality Standard  
PM<sub>2.5</sub> : Fine Particulate Matter  
PM<sub>10</sub> : Respirable Suspended Particulate Matter  
NO<sub>2</sub> : Nitrogen Dioxide  
SO<sub>2</sub> : Sulphur Dioxide  
CO : Carbon Monoxide  
BDL : Below Detection Limit  
DL : Detection Limit

Page No.1 of 1

Checked by  
Rak Singh Yadav



Reviewed & Authorized by  
Sita Ram Yadav

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### Reg. Office & Lab.

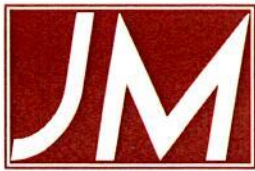
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38  
\*\*End of Report\*\*





# J.M. ENVIROLAB PVT. LTD.

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## TEST REPORT

Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Report No.:	JME/A/250606618
Sample Description:	AMBIENT AIR QUALITY MONITORING	Date of Reporting:	04/07/2025
Sampling Location:	Near Western Side ML Boundary (Pillar No. 14) of ML Area	Monitoring Month:	June, 2025
Sample Collected by:	JMELPL Team	Protocol Used:	JMELPL/STOP/04
Client Representative:	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Instrument Used for Sampling:	RDS & FPS
		Latitude:	24° 35' 11" N
		Longitude:	80° 59' 25" E

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
03/06/2025 to 04/06/2025	28.3	58.8	18.9	9.6	0.56
06/06/2025 to 07/06/2025	30.6	59.6	19.4	10.5	0.58
10/06/2025 to 11/06/2025	23.4	48.7	15.5	7.8	0.52
13/06/2025 to 14/06/2025	25.3	53.4	17.1	8.9	0.55
17/06/2025 to 18/06/2025	22.8	44.2	14.3	7.2	BDL (DL 0.5)
20/06/2025 to 21/06/2025	21.0	42.6	13.9	6.8	BDL (DL 0.5)
24/06/2025 to 25/06/2025	16.9	34.7	9.7	5.1	BDL (DL 0.5)
27/06/2025 to 28/06/2025	18.8	36.6	11.2	6.4	BDL (DL 0.5)
Minimum	16.9	34.7	9.7	5.1	0.52
Maximum	30.6	59.6	19.4	10.5	0.58
Average	23.40	47.32	14.99	7.79	0.56
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2)	IS 5182 (Part-10)
NAAQS	60	100	80	80	4

Note: Monitoring was carried out for 24 hours at the above Location.

### Abbreviations:

**NAAQS** : National Ambient Air Quality Standard  
**PM<sub>2.5</sub>** : Fine Particulate Matter  
**PM<sub>10</sub>** : Respirable Suspended Particulate Matter  
**NO<sub>2</sub>** : Nitrogen Dioxide  
**SO<sub>2</sub>** : Sulphur Dioxide  
**CO** : Carbon Monoxide  
**BDL** : Below Detection Limit  
**DL** : Detection Limit

Page No.1 of 1

Checked by  
 Deepak Singh Yadav

Reviewed & Authorized by  
 Sita Ram Yadav

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### Reg. Office & Lab.

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TC-6821

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## TEST REPORT

Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Report No.: JME/A/250606619 Date of Reporting: 04/07/2025 Monitoring Month: June, 2025 Protocol Used: JMELPL/STOP/04
Sample Description:	AMBIENT AIR QUALITY MONITORING	Instrument Used for Sampling: RDS & FPS
Sampling Location:	Near Hinauti Village	Latitude: 24° 35' 18" N Longitude: 81° 0' 15" E
Sample Collected by:	JMELPL Team	
Client Representative:	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
03/06/2025 to 04/06/2025	37.0	65.0	21.2	10.8	0.64
06/06/2025 to 07/06/2025	39.1	68.2	22.1	11.6	0.66
10/06/2025 to 11/06/2025	30.1	55.8	17.8	9.5	0.58
13/06/2025 to 14/06/2025	33.3	61.9	19.2	10.2	0.61
17/06/2025 to 18/06/2025	29.1	53.5	17.3	8.8	0.58
20/06/2025 to 21/06/2025	27.1	51.6	15.8	7.9	0.57
24/06/2025 to 25/06/2025	21.0	37.7	12.4	6.3	BDL (DL 0.5)
27/06/2025 to 28/06/2025	23.1	39.5	14.0	7.6	0.51
Minimum	21.0	37.7	12.4	6.3	0.51
Maximum	39.1	68.2	22.1	11.6	0.66
Average	29.98	54.14	17.46	9.09	0.59
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2)	IS 5182 (Part-10)
NAAQS	60	100	80	80	4

Note: Monitoring was carried out for 24 hours at the above Location.

### Abbreviations:

**NAAQS** : National Ambient Air Quality Standard  
**PM<sub>2.5</sub>** : Fine Particulate Matter  
**PM<sub>10</sub>** : Respirable Suspended Particulate Matter  
**NO<sub>2</sub>** : Nitrogen Dioxide  
**SO<sub>2</sub>** : Sulphur Dioxide  
**CO** : Carbon Monoxide  
**BDL** : Below Detection Limit  
**DL** : Detection Limit

Page No.1 of 1

Checked by

Deepak Singh Yadav



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Sita Ram Yadav

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### Reg. Office & Lab.

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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

30 years of success Recognized by CPCB under EP Act-1986, Certified by ISO-9001:2015, 14001:2015 &amp; 45001:2018

## TEST REPORT

Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772 ha, 99 ha, 253 ha & 66 ha)**  
**Tehsil- Rampur Baghelan, Distt. -Satna**  
**Madhya Pradesh**

Report No.: **JME/A/250606620**  
Date of Reporting: **04/07/2025**  
Monitoring Month: **June, 2025**  
Protocol Used: **JMELPL/STOP/04**

Sample Description: **AMBIENT AIR QUALITY MONITORING**  
Sampling Location: **Near Mankahari Village**  
Sample Collected by: **JMELPL Team**  
Client Representative: **Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**

Instrument Used for Sampling: **RDS & FPS**  
Latitude: **24° 35' 36" N**  
Longitude: **81° 1' 17" E**

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
03/06/2025 to 04/06/2025	36.6	66.5	22.7	10.9	0.69
06/06/2025 to 07/06/2025	38.5	67.8	23.1	11.9	0.70
10/06/2025 to 11/06/2025	31.6	61.2	19.9	9.7	0.63
13/06/2025 to 14/06/2025	33.5	62.7	20.7	10.6	0.64
17/06/2025 to 18/06/2025	30.8	57.5	17.5	8.8	0.61
20/06/2025 to 21/06/2025	28.6	55.4	17.0	7.6	0.59
24/06/2025 to 25/06/2025	23.0	46.0	11.5	6.3	0.55
27/06/2025 to 28/06/2025	25.3	48.5	13.2	7.6	0.56
Minimum	23.0	46.0	11.5	6.3	0.55
Maximum	38.5	67.8	23.1	11.9	0.70
Average	30.98	58.19	18.20	9.17	0.62
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2)	IS 5182 (Part-10)
NAAQS	60	100	80	80	4

**Note:** Monitoring was carried out for 24 hours at the above Location.

### Abbreviations:

**NAAQS** : National Ambient Air Quality Standard  
**PM<sub>2.5</sub>** : Fine Particulate Matter  
**PM<sub>10</sub>** : Respirable Suspended Particulate Matter  
**NO<sub>2</sub>** : Nitrogen Dioxide  
**SO<sub>2</sub>** : Sulphur Dioxide  
**CO** : Carbon Monoxide

Page No.1 of 1

*Deepak Singh Yadav*  
**Checked by**

**Deepak Singh Yadav**



**Reviewed & Authorized by**  
**Sita Ram Yadav**

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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

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## TEST REPORT

Name & Address of Unit:

M/s. Prism Johnson Limited  
Limestones Mines  
Area (772 ha, 99 ha, 253 ha & 66 ha)  
Tehsil- Rampur Baghelan, Distt. -Satna  
Madhya Pradesh

Report No.:  
Date of Reporting:  
Monitoring Month:  
Sampling Protocol:

JME/A/250707617  
05/08/2025  
July, 2025  
JMELPL/STOP/04

Sample Description:  
Sampling Location:  
Sample Collected by:  
Client Representative:

AMBIENT AIR QUALITY MONITORING  
SW (BP No.18)  
JMELPL Team  
Mr. Sumitabh Dwivedi  
(Assistant General Manager- Environment)

Instrument Used for Sampling: RDS & FPS  
Latitude: 24° 34' 33" N  
Longitude: 80° 59' 51" E

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> ( $\mu\text{g}/\text{m}^3$ )	PM <sub>10</sub> ( $\mu\text{g}/\text{m}^3$ )	NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	CO ( $\text{mg}/\text{m}^3$ )
02/07/2025 to 03/07/2025	21.3	45.6	14.4	7.6	0.54
04/07/2025 to 05/07/2025	22.9	48.9	15.8	8.7	0.58
08/07/2025 to 09/07/2025	22.9	49.2	15.9	8.5	0.58
11/07/2025 to 12/07/2025	22.9	49.2	16.6	8.6	0.57
15/07/2025 to 16/07/2025	20.5	43.5	13.6	7.3	0.53
18/07/2025 to 19/07/2025	22.2	47.9	15.3	8.2	0.57
22/07/2025 to 23/07/2025	20.4	43.5	13.6	7.1	0.52
25/07/2025 to 26/07/2025	21.3	45.1	14.4	8.0	0.54
29/07/2025 to 30/07/2025	25.0	53.4	17.4	9.8	0.62
30/07/2025 to 31/07/2025	27.1	57.1	18.9	11.1	0.68
Minimum	20.4	43.5	13.6	7.1	0.52
Maximum	27.1	57.1	18.9	11.1	0.68
Average	22.65	48.34	15.59	8.49	0.57
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2)	IS 5182 (Part-10)
NAAQS	60	100	80	80	4 (1 hourly)

Note: Monitoring was carried out for 24 hours at the above Location.

### Abbreviations:

NAAQS : National Ambient Air Quality Standard  
PM<sub>2.5</sub> : Fine Particulate Matter  
PM<sub>10</sub> : Respirable Suspended Particulate Matter  
NO<sub>2</sub> : Nitrogen Dioxide  
SO<sub>2</sub> : Sulphur Dioxide  
CO : Carbon Monoxide

Page No.1 of 1

Checked by  
Deepak Singh Yadav

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CIN No. :U74220HR2011PTC085756



TC-6821

## TEST REPORT

Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Report No.:	JME/A/250707618
Sample Description:	AMBIENT AIR QUALITY MONITORING	Date of Reporting:	05/08/2025
Sampling Location:	Near Western Side ML Boundary (Pillar No. 14) of ML Area	Monitoring Month:	July, 2025
Sample Collected by:	JMELPL Team	Protocol Used:	JMELPL/STOP/04
Client Representative:	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Instrument Used for Sampling:	RDS & FPS
		Latitude:	24° 35' 11" N
		Longitude:	80° 59' 25" E

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
02/07/2025 to 03/07/2025	17.7	40.2	13.0	6.9	BDL (DL 0.5)
04/07/2025 to 05/07/2025	18.9	42.0	14.0	7.2	BDL (DL 0.5)
08/07/2025 to 09/07/2025	18.8	43.2	14.2	7.2	BDL (DL 0.5)
11/07/2025 to 12/07/2025	18.9	43.7	14.5	7.6	BDL (DL 0.5)
15/07/2025 to 16/07/2025	17.0	37.6	12.0	6.3	BDL (DL 0.5)
18/07/2025 to 19/07/2025	18.1	41.9	13.7	7.0	BDL (DL 0.5)
22/07/2025 to 23/07/2025	16.2	36.7	12.1	6.1	BDL (DL 0.5)
25/07/2025 to 26/07/2025	17.9	40.2	13.0	6.9	BDL (DL 0.5)
29/07/2025 to 30/07/2025	20.9	47.0	15.7	7.9	0.51
30/07/2025 to 31/07/2025	22.9	52.1	17.3	9.0	0.55
Minimum	16.2	36.7	12.0	6.1	0.51
Maximum	22.9	52.1	17.3	9.0	0.55
Average	18.73	42.46	13.95	7.21	0.53
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2)	IS 5182 (Part-10)
NAAQS	60	100	80	80	4 (1 hourly)

Note: Monitoring was carried out for 24 hours at the above Location.

### Abbreviations:

**NAAQS** : National Ambient Air Quality Standard  
**PM<sub>2.5</sub>** : Fine Particulate Matter  
**PM<sub>10</sub>** : Respirable Suspended Particulate Matter  
**NO<sub>2</sub>** : Nitrogen Dioxide  
**SO<sub>2</sub>** : Sulphur Dioxide  
**CO** : Carbon Monoxide  
**BDL** : Below Detection Limit  
**DL** : Detection Limit

Page No.1 of 1

Checked by  
Deepak Singh Yadav



Reviewed & Authorized by  
Sita Ram Yadav

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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

30 years of success Recognized by CPCB under EP Act-1986, Certified by ISO-9001:2015, 14001:2015 & 45001:2018

## TEST REPORT

Name & Address of Unit:

M/s. Prism Johnson Limited  
Limestones Mines  
Area (772 ha, 99 ha, 253 ha & 66 ha)  
Tehsil- Rampur Baghelan, Distt. -Satna  
Madhya Pradesh

Report No.:

JME/A/250707619

Date of Reporting:

05/08/2025

Monitoring Month:

July, 2025

Protocol Used:

JMELPL/STOP/04

Sample Description:

AMBIENT AIR QUALITY MONITORING

Instrument Used for Sampling:

RDS & FPS

Sampling Location:

Near Hinauti Village

Latitude:

24° 35' 18" N

Sample Collected by:

JMELPL Team

Longitude:

81° 0' 15" E

Client Representative:

Mr. Sumitabh Dwivedi  
(Assistant General Manager- Environment)

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
02/07/2025 to 03/07/2025	19.7	45.9	15.3	8.1	0.60
04/07/2025 to 05/07/2025	16.2	41.5	13.8	5.6	0.54
08/07/2025 to 09/07/2025	20.8	49.8	16.1	7.6	0.55
11/07/2025 to 12/07/2025	14.5	38.4	11.3	4.5	0.51
15/07/2025 to 16/07/2025	21.5	45.8	14.8	7.5	0.56
18/07/2025 to 19/07/2025	24.6	52.3	17.6	8.1	0.62
22/07/2025 to 23/07/2025	22.3	47.9	16.3	6.9	0.57
25/07/2025 to 26/07/2025	18.9	42.4	12.5	5.8	0.52
29/07/2025 to 30/07/2025	23.6	54.1	16.1	8.4	0.58
30/07/2025 to 31/07/2025	19.1	45.6	13.1	6.9	0.54
Minimum	14.5	38.4	11.3	4.5	0.51
Maximum	24.6	54.1	17.6	8.4	0.62
Average	20.12	46.37	14.69	6.94	0.56
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2)	IS 5182 (Part-10)
NAAQS	60	100	80	80	4 (1 hourly)

Note: Monitoring was carried out for 24 hours at the above Location.

### Abbreviations:

NAAQS : National Ambient Air Quality Standard  
PM<sub>2.5</sub> : Fine Particulate Matter  
PM<sub>10</sub> : Respirable Suspended Particulate Matter  
NO<sub>2</sub> : Nitrogen Dioxide  
SO<sub>2</sub> : Sulphur Dioxide  
CO : Carbon Monoxide

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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

30 years of success Recognized by CPCB under EP Act-1986, Certified by ISO-9001:2015, 14001:2015 & 45001:2018

## TEST REPORT

Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772 ha, 99 ha, 253 ha & 66 ha)**  
**Tehsil- Rampur Baghelan, Distt. -Satna**  
**Madhya Pradesh**

Report No.: **JME/A/250707620**  
Date of Reporting: **05/08/2025**  
Monitoring Month: **July, 2025**  
Protocol Used: **JMELPL/STOP/04**

Sample Description: **AMBIENT AIR QUALITY MONITORING**  
Sampling Location: **Near Mankahari Village**  
Sample Collected by: **JMELPL Team**  
Client Representative: **Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**

Instrument Used for Sampling: **RDS & FPS**  
Latitude: **24° 35' 36" N**  
Longitude: **81° 1' 17" E**

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> ( $\mu\text{g}/\text{m}^3$ )	PM <sub>10</sub> ( $\mu\text{g}/\text{m}^3$ )	NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	CO ( $\text{mg}/\text{m}^3$ )
02/07/2025 to 03/07/2025	23.5	49.9	15.9	8.3	0.54
04/07/2025 to 05/07/2025	25.3	52.2	17.3	8.7	0.52
08/07/2025 to 09/07/2025	25.1	52.5	17.4	8.8	0.55
11/07/2025 to 12/07/2025	25.3	53.6	18.1	9.0	0.51
15/07/2025 to 16/07/2025	22.5	47.7	14.4	7.6	0.56
18/07/2025 to 19/07/2025	24.3	51.1	16.6	8.3	0.58
22/07/2025 to 23/07/2025	22.7	47.9	14.7	7.5	0.57
25/07/2025 to 26/07/2025	23.3	49.2	15.5	8.1	0.55
29/07/2025 to 30/07/2025	27.1	55.5	19.1	9.7	0.60
30/07/2025 to 31/07/2025	28.8	58.9	20.8	10.3	0.56
Minimum	22.5	47.7	14.4	7.5	0.51
Maximum	28.8	58.9	20.8	10.3	0.60
Average	24.79	51.85	16.98	8.63	0.55
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2)	IS 5182 (Part-10)
NAAQS	60	100	80	80	4 (1 hourly)

Note: Monitoring was carried out for 24 hours at the above Location.

### Abbreviations:

**NAAQS** : National Ambient Air Quality Standard  
**PM<sub>2.5</sub>** : Fine Particulate Matter  
**PM<sub>10</sub>** : Respirable Suspended Particulate Matter  
**NO<sub>2</sub>** : Nitrogen Dioxide  
**SO<sub>2</sub>** : Sulphur Dioxide  
**CO** : Carbon Monoxide

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Reviewed & Authorized by  
**Sita Ram Yadav**

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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

30 years of success Recognized by CPCB under EP Act-1986, Certified by ISO-9001:2015, 14001:2015 & 45001:2018

## TEST REPORT

Name & Address of Unit:

M/s. Prism Johnson Limited  
Limestones Mines  
Area (772 ha, 99 ha, 253 ha & 66 ha)  
Tehsil- Rampur Baghelan, Distt. -Satna  
Madhya Pradesh

Report No.:  
Date of Reporting:  
Monitoring Month:  
Sampling Protocol:

JME/A/250807617  
05/09/2025  
August, 2025  
JMEPL/STOP/04

Sample Description:  
Sampling Location:  
Sample Collected by:  
Client Representative:

AMBIENT AIR QUALITY MONITORING  
SW (BP No.18)  
JMEPL Team  
Mr. Sumitabh Dwivedi  
(Assistant General Manager- Environment)

Instrument Used for Sampling:

RDS & FPS

Latitude:  
Longitude:

24° 34' 33" N  
80° 59' 51" E

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
04/08/2025 to 05/08/2025	16.3	38.3	13.8	7.5	0.51
07/08/2025 to 08/08/2025	14.2	36.3	12.8	6.7	BDL (DL 0.5)
11/08/2025 to 12/08/2025	18.6	41.4	15.6	8.1	0.54
14/08/2025 to 15/08/2025	20.3	47.7	16.4	9.2	0.58
18/08/2025 to 19/08/2025	22.5	52.0	17.8	10.4	0.64
21/08/2025 to 22/08/2025	17.3	39.6	14.4	7.7	0.54
25/08/2025 to 26/08/2025	15.1	37.9	13.5	7.0	BDL (DL 0.5)
28/08/2025 to 29/08/2025	19.3	45.3	15.9	8.5	0.55
Minimum	14.2	36.3	12.8	6.7	0.51
Maximum	22.5	52.0	17.8	10.4	0.64
Average	17.94	42.33	15.02	8.13	0.56
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2) sec 1	IS 5182 (Part-10)
NAAQS	60 (24 hourly)	100 (24 hourly)	80 (24 hourly)	80 (24 hourly)	4 (1 hourly)

### Abbreviations:

NAAQS : National Ambient Air Quality Standard  
PM<sub>2.5</sub> : Fine Particulate Matter  
PM<sub>10</sub> : Respirable Suspended Particulate Matter  
NO<sub>2</sub> : Nitrogen Dioxide  
SO<sub>2</sub> : Sulphur Dioxide  
CO : Carbon Monoxide  
BDL : Below Detection Limit  
DL : Detection Limit

Page No.1 of 1

Checked by  
Abhishek Tiwari



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CIN No. :U74220HR2011PTC085756



TC-6821

30 years of success Recognized by CPCB under EP Act-1986, Certified by ISO-9001:2015, 14001:2015 & 45001:2018

## TEST REPORT

Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Report No.:	JME/A/250807618
Sample Description:	AMBIENT AIR QUALITY MONITORING	Date of Reporting:	05/09/2025
Sampling Location:	Near Western Side ML Boundary (Pillar No. 14) of ML Area	Monitoring Month:	August, 2025
Sample Collected by:	JMELPL Team	Protocol Used:	JMELPL/STOP/04
Client Representative:	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Instrument Used for Sampling:	RDS & FPS
		Latitude:	24° 35' 11" N
		Longitude:	80° 59' 25" E

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
04/08/2025 to 05/08/2025	15.2	33.8	12.2	6.5	BDL (DL 0.5)
07/08/2025 to 08/08/2025	12.9	29.3	11.3	5.7	BDL (DL 0.5)
11/08/2025 to 12/08/2025	17.3	37.6	13.3	7.4	BDL (DL 0.5)
14/08/2025 to 15/08/2025	19.2	42.7	14.8	8.5	BDL (DL 0.5)
18/08/2025 to 19/08/2025	20.8	47.6	16.3	9.9	0.52
21/08/2025 to 22/08/2025	15.5	37.1	12.9	6.8	BDL (DL 0.5)
25/08/2025 to 26/08/2025	13.9	31.7	11.7	5.9	BDL (DL 0.5)
28/08/2025 to 29/08/2025	18.1	40.9	13.6	7.7	BDL (DL 0.5)
Minimum	12.9	29.3	11.3	5.7	0.52
Maximum	20.8	47.6	16.3	9.9	0.52
Average	16.62	37.58	13.26	7.30	0.52
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2) sec 1	IS 5182 (Part-10)
NAAQS	60 (24 hourly)	100 (24 hourly)	80 (24 hourly)	80 (24 hourly)	4 (1 hourly)

### Abbreviations:

**NAAQS** : National Ambient Air Quality Standard  
**PM<sub>2.5</sub>** : Fine Particulate Matter  
**PM<sub>10</sub>** : Respirable Suspended Particulate Matter  
**NO<sub>2</sub>** : Nitrogen Dioxide  
**SO<sub>2</sub>** : Sulphur Dioxide  
**CO** : Carbon Monoxide  
**BDL** : Below Detection Limit  
**DL** : Detection Limit

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## TEST REPORT

Name & Address of Unit:

M/s. Prism Johnson Limited  
Limestones Mines  
Area (772 ha, 99 ha, 253 ha & 66 ha)  
Tehsil- Rampur Baghelan, Distt. -Satna  
Madhya Pradesh

Report No.:  
Date of Reporting:  
Monitoring Month:  
Protocol Used:

JME/A/250807619  
05/09/2025  
August, 2025  
JMELPL/STOP/04

Sample Description:  
Sampling Location:  
Sample Collected by:  
Client Representative:

AMBIENT AIR QUALITY MONITORING  
Near Hinauti Village  
JMELPL Team  
Mr. Sumitabh Dwivedi  
(Assistant General Manager- Environment)

Instrument Used for Sampling: RDS & FPS  
Latitude: 24° 35' 18" N  
Longitude: 81° 0' 15" E

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
04/08/2025 to 05/08/2025	16.5	37.1	13.5	5.2	0.53
07/08/2025 to 08/08/2025	12.7	33.6	11.1	4.4	BDL (DL 0.5)
11/08/2025 to 12/08/2025	17.2	39.7	15.0	5.8	0.56
14/08/2025 to 15/08/2025	19.5	43.5	16.0	6.9	0.59
18/08/2025 to 19/08/2025	21.5	45.7	17.2	7.9	0.61
21/08/2025 to 22/08/2025	18.2	40.1	15.8	7.4	0.54
25/08/2025 to 26/08/2025	14.2	36.3	12.3	4.8	0.51
28/08/2025 to 29/08/2025	18.8	41.9	14.5	6.4	0.55
Minimum	12.7	33.6	11.1	4.4	0.51
Maximum	21.5	45.7	17.2	7.9	0.61
Average	17.32	39.73	14.42	6.11	0.55
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2) sec 1	IS 5182 (Part-10)
NAAQS	60 (24 hourly)	100 (24 hourly)	80 (24 hourly)	80 (24 hourly)	4 (1 hourly)

### Abbreviations:

NAAQS : National Ambient Air Quality Standard  
PM<sub>2.5</sub> : Fine Particulate Matter  
PM<sub>10</sub> : Respirable Suspended Particulate Matter  
NO<sub>2</sub> : Nitrogen Dioxide  
SO<sub>2</sub> : Sulphur Dioxide  
CO : Carbon Monoxide  
BDL : Below Detection Limit  
DL : Detection Limit

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TC-6821

## TEST REPORT

Name & Address of Unit:

M/s. Prism Johnson Limited  
Limestones Mines  
Area (772 ha, 99 ha, 253 ha & 66 ha)  
Tehsil- Rampur Baghelan, Distt. -Satna  
Madhya Pradesh

Report No.:

JME/A/250807620

Date of Reporting:

05/09/2025

Monitoring Month:

August, 2025

Protocol Used:

JMELPL/STOP/04

Sample Description:

AMBIENT AIR QUALITY MONITORING

Instrument Used for Sampling:

RDS & FPS

Sampling Location:

Near Mankahari Village

Latitude:

24° 35' 36" N

Sample Collected by:

JMELPL Team

Longitude:

81° 1' 17" E

Client Representative:

Mr. Sumitabh Dwivedi  
(Assistant General Manager- Environment)

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
04/08/2025 to 05/08/2025	19.6	44.9	13.6	6.8	BDL (DL 0.5)
07/08/2025 to 08/08/2025	18.0	42.6	12.9	5.7	BDL (DL 0.5)
11/08/2025 to 12/08/2025	21.1	46.9	15.5	7.9	BDL (DL 0.5)
14/08/2025 to 15/08/2025	24.7	55.6	17.1	8.7	BDL (DL 0.5)
18/08/2025 to 19/08/2025	25.0	62.6	18.6	9.2	0.52
21/08/2025 to 22/08/2025	20.6	45.6	14.8	7.4	BDL (DL 0.5)
25/08/2025 to 26/08/2025	18.1	43.8	13.1	6.5	BDL (DL 0.5)
28/08/2025 to 29/08/2025	22.2	48.9	16.2	8.0	BDL (DL 0.5)
Minimum	18.0	42.6	12.9	5.7	0.52
Maximum	25.0	62.6	18.6	9.2	0.52
Average	21.16	48.86	15.22	7.51	0.52
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2) sec 1	IS 5182 (Part-10)
NAAQS	60 (24 hourly)	100 (24 hourly)	80 (24 hourly)	80 (24 hourly)	4 (1 hourly)

### Abbreviations:

NAAQS : National Ambient Air Quality Standard  
PM<sub>2.5</sub> : Fine Particulate Matter  
PM<sub>10</sub> : Respirable Suspended Particulate Matter  
NO<sub>2</sub> : Nitrogen Dioxide  
SO<sub>2</sub> : Sulphur Dioxide  
CO : Carbon Monoxide  
BDL : Below Detection Limit  
DL : Detection Limit

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Sita Ram Yadav

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# J.M. ENVIROLAB PVT. LTD.



TC-6821

**30 years of success** Recognized by CPCB under EP Act-1986, Certified by ISO-9001:2015, 14001:2015 & 45001:2018

## TEST REPORT

Name & Address of Unit:

**M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan,**  
**Distt. -Satna Madhya Pradesh**  
**SW (BP No.18)**  
**JMELPL Team**  
**Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**

Report No.:

**JME/A/250904617**

Date of Reporting:

**03/10/2025**

Monitoring Month:

**September, 2025**

Sampling Protocol:

**JMELPL/STOP/04**

Sample Description:

**AMBIENT AIR QUALITY MONITORING**

Instrument Used for Sampling:

**RDS & FPS**

Sampling Location:

**SW (BP No.18)**

Latitude:

**24° 34' 33" N**

Sample Collected by:

**JMELPL Team**

Longitude:

**80° 59' 51" E**

Client Representative:

**Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
01/09/2025 to 02/09/2025	15.9	37.6	13.5	7.3	0.52
04/09/2025 to 05/09/2025	18.3	40.6	15.3	7.9	0.55
08/09/2025 to 09/09/2025	14.8	37.2	13.2	6.8	0.51
11/09/2025 to 12/09/2025	22.1	51.0	17.4	10.2	0.65
15/09/2025 to 16/09/2025	18.9	44.4	15.6	8.3	0.56
18/09/2025 to 19/09/2025	19.9	46.7	16.0	9.0	0.59
22/09/2025 to 23/09/2025	16.9	38.8	14.1	7.6	0.55
25/09/2025 to 26/09/2025	13.9	35.6	12.5	6.5	BDL (DL 0.5)
Minimum	13.9	35.6	12.5	6.5	0.51
Maximum	22.1	51.0	17.4	10.2	0.65
Average	17.59	41.49	14.72	7.97	0.56
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2) sec 1	IS 5182 (Part-10)
NAAQS	60 (24 hourly)	100 (24 hourly)	80 (24 hourly)	80 (24 hourly)	4 (1 hour)

### Abbreviations:

**NAAQS** : National Ambient Air Quality Standard  
**PM<sub>2.5</sub>** : Fine Particulate Matter  
**PM<sub>10</sub>** : Respirable Suspended Particulate Matter  
**NO<sub>2</sub>** : Nitrogen Dioxide  
**SO<sub>2</sub>** : Sulphur Dioxide  
**CO** : Carbon Monoxide  
**BDL** : Below Detection Limit  
**DL** : Detection Limit

Page No.1 of 1

Checked by  
**Deepak Singh Yadav**

Reviewed & Authorized by  
**Rajkumar Yadav**

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# J.M. ENVIROLAB PVT. LTD.

CIN No.: U74220HR2011PTC085766



TC-6821

**30 years of success** Recognized by CPCB under EP Act-1986, Certified by ISO-9001:2015, 14001:2015 & 45001:2018

## TEST REPORT

Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Report No.:	JME/A/250904618
Sample Description:	AMBIENT AIR QUALITY MONITORING	Date of Reporting:	03/10/2025
Sampling Location:	Near Western Side ML Boundary (Pillar No. 14) of ML Area	Monitoring Month:	September, 2025
Sample Collected by:	JMELPL Team	Protocol Used:	JMELPL/STOP/04
Client Representative:	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Instrument Used for Sampling:	RDS & FPS
		Latitude:	24° 35' 11" N
		Longitude:	80° 59' 25" E

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
01/09/2025 to 02/09/2025	14.8	33.1	12.0	6.4	BDL (DL 0.5)
04/09/2025 to 05/09/2025	16.9	36.9	13.1	7.3	BDL (DL 0.5)
08/09/2025 to 09/09/2025	13.6	31.0	11.5	5.8	BDL (DL 0.5)
11/09/2025 to 12/09/2025	20.4	46.6	15.9	9.7	0.53
15/09/2025 to 16/09/2025	17.7	40.0	13.4	7.6	BDL (DL 0.5)
18/09/2025 to 19/09/2025	18.9	41.8	14.5	8.3	BDL (DL 0.5)
22/09/2025 to 23/09/2025	15.2	36.3	12.6	6.7	BDL (DL 0.5)
25/09/2025 to 26/09/2025	12.7	28.7	11.1	5.6	BDL (DL 0.5)
Minimum	12.7	28.7	11.1	5.6	0.53
Maximum	20.4	46.6	15.9	9.7	0.53
Average	16.29	36.83	13.00	7.16	0.53
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2) sec 1	IS 5182 (Part-10)
NAAQS	60 (24 hourly)	100 (24 hourly)	80 (24 hourly)	80 (24 hourly)	4 (1 hour)

### Abbreviations:

**NAAQS** : National Ambient Air Quality Standard  
**PM<sub>2.5</sub>** : Fine Particulate Matter  
**PM<sub>10</sub>** : Respirable Suspended Particulate Matter  
**NO<sub>2</sub>** : Nitrogen Dioxide  
**SO<sub>2</sub>** : Sulphur Dioxide  
**CO** : Carbon Monoxide  
**BDL** : Below Detection Limit  
**DL** : Detection Limit

Page No.1 of 1

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 Rajkumar Yadav

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TC-6821

## TEST REPORT

Name & Address of Unit:

**M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan,**  
**Distt. -Satna Madhya Pradesh**  
**AMBIENT AIR QUALITY MONITORING**  
**Near Hinauti Village**  
**JMELPL Team**  
**Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**

Report No.:

**JME/A/250904619**

Date of Reporting:

**03/10/2025**

Monitoring Month:

**September, 2025**

Protocol Used:

**JMELPL/STOP/04**

Sample Description:

Instrument Used for Sampling:

**RDS & FPS**

Sampling Location:

Latitude:

**24° 35' 18" N**

Sample Collected by:

Longitude:

**81° 0' 15" E**

Client Representative:

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
01/09/2025 to 02/09/2025	16.2	36.3	13.3	5.1	0.54
04/09/2025 to 05/09/2025	17.8	39.3	14.7	6.3	0.56
08/09/2025 to 09/09/2025	13.9	35.6	12.0	4.7	0.52
11/09/2025 to 12/09/2025	21.1	44.8	16.9	7.8	0.62
15/09/2025 to 16/09/2025	19.1	42.7	15.7	6.7	0.60
18/09/2025 to 19/09/2025	16.9	38.9	14.2	5.6	0.55
22/09/2025 to 23/09/2025	18.2	41.0	15.5	7.3	0.57
25/09/2025 to 26/09/2025	12.4	32.9	10.9	4.3	0.51
<b>Minimum</b>	<b>12.4</b>	<b>32.9</b>	<b>10.9</b>	<b>4.3</b>	<b>0.51</b>
<b>Maximum</b>	<b>21.1</b>	<b>44.8</b>	<b>16.9</b>	<b>7.8</b>	<b>0.62</b>
<b>Average</b>	<b>16.95</b>	<b>38.93</b>	<b>14.13</b>	<b>5.99</b>	<b>0.56</b>
<b>Testing Protocol</b>	<b>IS 5182 (Part-24)</b>	<b>IS 5182 (Part-23)</b>	<b>IS 5182 (Part-6)</b>	<b>IS 5182 (Part-2) sec 1</b>	<b>IS 5182 (Part-10)</b>
<b>NAAQS</b>	<b>60 (24 hourly)</b>	<b>100 (24 hourly)</b>	<b>80 (24 hourly)</b>	<b>80 (24 hourly)</b>	<b>4 (1 hour)</b>

### Abbreviations:

**NAAQS** : National Ambient Air Quality Standard  
**PM<sub>2.5</sub>** : Fine Particulate Matter  
**PM<sub>10</sub>** : Respirable Suspended Particulate Matter  
**NO<sub>2</sub>** : Nitrogen Dioxide  
**SO<sub>2</sub>** : Sulphur Dioxide  
**CO** : Carbon Monoxide

Page No.1 of 1



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TC-6821

## TEST REPORT

Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Report No.:	JME/A/250904620
Sample Description:	AMBIENT AIR QUALITY MONITORING	Date of Reporting:	03/10/2025
Sampling Location:	Near Mankahari Village	Monitoring Month:	September, 2025
Sample Collected by:	JMELPL Team	Protocol Used:	JMELPL/STOP/04
Client Representative:	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Instrument Used for Sampling:	RDS & FPS
		Latitude:	24° 35' 36" N
		Longitude:	81° 1' 17" E

## TEST RESULTS

Date	Parameter				
	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )
01/09/2025 to 02/09/2025	19.2	44.0	13.4	6.6	BDL (DL 0.5)
04/09/2025 to 05/09/2025	20.6	45.9	15.2	7.7	BDL (DL 0.5)
08/09/2025 to 09/09/2025	17.8	42.9	12.9	6.4	BDL (DL 0.5)
11/09/2025 to 12/09/2025	24.5	63.3	18.2	9.0	0.53
15/09/2025 to 16/09/2025	21.8	47.9	15.8	7.9	BDL (DL 0.5)
18/09/2025 to 19/09/2025	22.3	54.5	16.7	8.5	BDL (DL 0.5)
22/09/2025 to 23/09/2025	20.2	44.7	14.5	7.3	BDL (DL 0.5)
25/09/2025 to 26/09/2025	16.5	41.7	12.6	5.6	BDL (DL 0.5)
Minimum	16.5	41.7	12.6	5.6	0.53
Maximum	24.5	63.3	18.2	9.0	0.53
Average	20.37	48.13	14.92	7.36	0.53
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2) sec 1	IS 5182 (Part-10)
NAAQS	60 (24 hourly)	100 (24 hourly)	80 (24 hourly)	80 (24 hourly)	4 (1 hour)

### Abbreviations:

**NAAQS** : National Ambient Air Quality Standard  
**PM<sub>2.5</sub>** : Fine Particulate Matter  
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**NO<sub>2</sub>** : Nitrogen Dioxide  
**SO<sub>2</sub>** : Sulphur Dioxide  
**CO** : Carbon Monoxide  
**BDL** : Below Detection Limit  
**DL** : Detection Limit

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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

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## TEST REPORT

Sample Number: **JME/PJCL/A/07**  
 Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772 ha, 99 ha, 253 ha & 66 ha)**  
**Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh**

Report No.: **JME/A/250613407**  
 Format No.: **7.8 F-02**  
 Party Reference No.: **NII**  
 Reporting Date: **17/06/2025**  
 Analysis Completion Date: **17/06/2025**  
 Analysis Start Date: **13/06/2025**  
 Receipt Date: **13/06/2025**

Sample Description: **AMBIENT AIR QUALITY MONITORING**

### General Information

Client Representative (Name & Designation)

**Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**  
**JMEPL Team**

Sample collected by

Sampling Location

**Hinauti sijaheta Mines (772, 99 & 253 HA.) & Mankahari (66 HA.)**

Instrument used

**RDS, FPS & BS**

Instrument code

**JME/RDS/01/68, JME/FPS/02/05 & JME/BS/01/03**

Instrument calibration status

**Calibrated**

Scope of Monitoring

**Regulatory Requirement**

Meteorological condition during monitoring

**Clear Sky**

Date of Monitoring

**10/06/2025 to 11/06/2025**

Time of Monitoring

**09:25 to 09:25 Hrs.**

Duration of Monitoring, (minutes)

**1376.0**

Ambient Temperature (°C)

**Max 43°C, Min 31°C**

Surrounding activity

**Humans & Vehicular Activities**

Control measure if Any

**--**

Sampling Protocol

**JMELPL/STOP/04**

Parameter Required

**As per work order**

### TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	NAAQS
1.	Ammonia	IS:5182 (Part-25)	14.8	µg/m <sup>3</sup>	400
2.	Arsenic	JMELPL/STOP/03	BDL (DL 0.5)	ng/m <sup>3</sup>	6
3.	Benzene	IS:5182 (Part -11)	BDL (DL 1.0)	µg/m <sup>3</sup>	5
4.	Benzo(a) Pyrene	IS:5182 (Part -12)	BDL (DL 0.5)	ng/m <sup>3</sup>	1
5.	Carbon Monoxide	IS:5182 (Part -10)	0.63	mg/m <sup>3</sup>	4
6.	Lead	IS:5182 (Part-22)	0.05	µg/m <sup>3</sup>	1
7.	Nickel	IS:5182 (Part-26)	2.36	ng/m <sup>3</sup>	20

Page No. 1 of 2

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**Deepak Singh Yadav**

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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

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## TEST REPORT

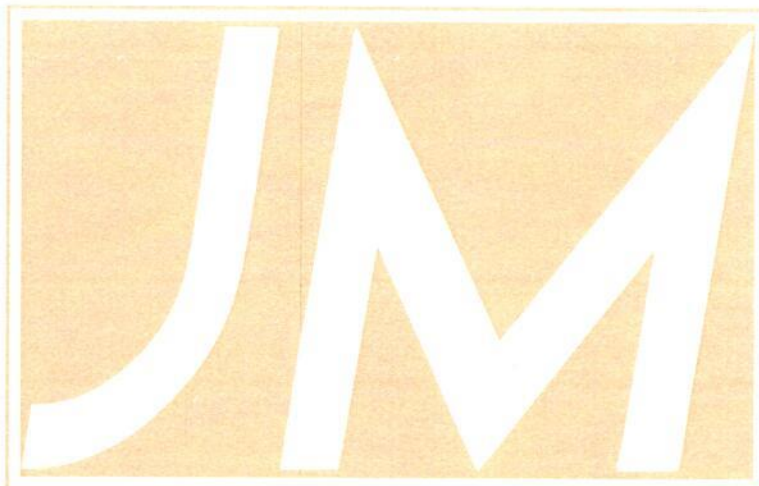
Sample Number: JME/PJCL/A/07

Report No.: JME/A/250617407

8.	Nitrogen Dioxide	IS:5182 (Part -6)	19.9	µg/m3	80
9.	Ozone	IS:5182 (Part-9)	29.4	µg/m3	180
10.	PM 10	IS:5182 (Part -23)	61.2	µg/m3	100
11.	PM 2.5	IS:5182 (Part -24)	31.6	µg/m3	60
12.	Sulphur Dioxide	IS:5182 (Part -2)	9.7	µg/m3	80

BDL- Below Detection Limit, DL- Detection Limit

Page No. 2 of 2



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Reviewed & Authorized by  
Sita Ram Yadav

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## TEST REPORT

Sample Number: **JME/PJCL/A/07**  
Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna**  
**Madhya Pradesh**

Report No.: **JME/A/250918407**  
Format No.: **7.8 F-02**  
Party Reference No.: **Nil**  
Reporting Date: **22/09/2025**  
Analysis Completion Date: **22/09/2025**  
Analysis Start Date: **18/09/2025**  
Receipt Date: **18/09/2025**

Sample Description: **AMBIENT AIR QUALITY MONITORING**

### General Information

Client Representative (Name & Designation)

**Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**  
**JMEPL Team**  
**Hinauti sijaheta Mines (772.067, 99.416 & 253.326 Ha.)**  
**& Mankahari (66.43 Ha.)**  
**RDS, FPS & BS**  
**JME/RDS/01/68, JME/FPS/02/05 & JME/BS/01/03**  
**Calibrated**  
**Regulatory Requirement**  
**Cloudy Sky**  
**15/09/2025 to 16/09/2025**  
**08:42 to 08:45 Hrs.**  
**1389.0**  
**Max 34°C, Min 26°C**  
**Humans & Vehicular Activities**  
**--**  
**JMELPL/STOP/04**  
**As per work order**

Sample collected by

Sampling Location

Instrument used

Instrument code

Instrument calibration status

Scope of Monitoring

Meteorological condition during monitoring

Date of Monitoring

Time of Monitoring

Duration of Monitoring, (minutes)

Ambient Temperature (°C)

Surrounding activity

Control measure if Any

Sampling Protocol

Parameter Required

### TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	NAAQS
1.	Ammonia	IS:5182 (Part-25)	16.3	µg/m <sup>3</sup>	400
2.	Arsenic	JMELPL/STOP/03	BDL (DL 0.5)	ng/m <sup>3</sup>	6
3.	Benzene	IS:5182 (Part -11)	BDL (DL 1.0)	µg/m <sup>3</sup>	5
4.	Benzo(a) Pyrene	IS:5182 (Part -12)	BDL (DL 0.5)	ng/m <sup>3</sup>	1
5.	Carbon Monoxide	IS:5182 (Part -10)	BDL (DL 0.5)	mg/m <sup>3</sup>	4
6.	Lead	IS:5182 (Part-22)	0.08	µg/m <sup>3</sup>	1
7.	Nickel	IS:5182 (Part-26)	2.45	ng/m <sup>3</sup>	20

Page No. 1 of 2

Checked by  
**Deevak Singh Yadav**

Reviewed & Authorized by  
**Rajkumar Yadav**



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TC-6821

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## TEST REPORT

Sample Number: **JME/PJCL/A/07**Report No.: **JME/A/250918407**

8.	Nitrogen Dioxide	IS:5182 (Part -6)	15.8	µg/m3	80
9.	Ozone	IS:5182 (Part-9)	25.4	µg/m3	180
10.	PM 10	IS:5182 (Part -23)	47.9	µg/m3	100
11.	PM 2.5	IS:5182 (Part -24)	21.8	µg/m3	60
12.	Sulphur Dioxide	IS:5182 (Part -2) sec 1	7.9	µg/m3	80

BDL- Below Detection Limit, DL- Detection Limit

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Deepak Singh Yadav

Reviewed & Authorized by  
Rajkumar Yadav

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# **Annexure 8**

## **Measures for Dust Control**

## Annexure 8: Dust Control Measures



Water spraying arrangement at the crusher hopper



Permanent sprinkler arrangement along the haul road area



Water spraying done on the entire haul roads round the clock by water tanker



## Other Sprinkler Devices

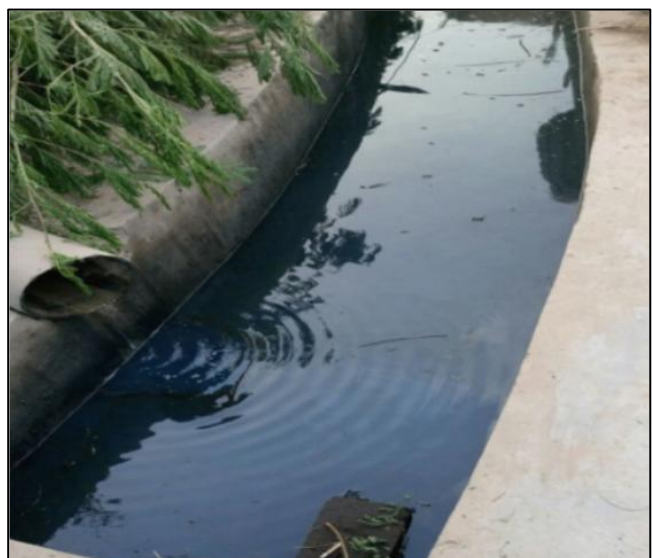


**Annexure 9**

**Pictures of Sewage  
Treatment Plant**



## Annexure 9: Pictures of STP



**Annexure 10**

**STP Treated Effluent Quality**

**Reports**





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## TEST REPORT

Sample Number: **JME/PJCL/WW/03**  
 Name & Address of Unit: **M/s. Prism Johnson Limited.**  
**(Unit- Cement Division) At Village- Mankahari,**  
**PO- Bathia, Dist- Satna, Madhya Pradesh.**

Report No.: **JME/WW/250616003**  
 Format No.: **7.8 F-01**  
 Party Reference: **NIL**  
 Reporting Date: **20/06/2025**  
 Analysis Completion Date: **20/06/2025**  
 Analysis Start Date: **16/06/2025**  
 Receipt Date: **16/06/2025**  
 Sampling Date: **14/06/2025**  
 Sampling Type: **Grab**  
 Preservation: **Refrigerated**  
 Packing Status: **Temporary Sealed**  
 Environmental Condition: **Temp. 40°C; Cloudy Sky**  
 During Sampling:  
 Sample Quantity: **Approx. 3.0 Litre**

Sample Description: **WASTE WATER**  
 Sampling Location: **STP Outlet**  
 Client Representative: **Mr. Sumitabh Dwivedi**  
 (Name & Designation): **(Assistant General Manager- Environment)**  
 Sample collected by: **JMELPL Team**  
 Parameter Required: **As per work order**  
 Latitude: **24° 33' 46" N**  
 Longitude: **81° 0' 4" E**  
 Sampling Protocol: **JMELPL/STOP/04**

### TEST RESULTS

S. No.	Parameter	Test Method	Result	Unit	Limit
1.	pH (at 25°C)	IS: 3025 (Part-11)	7.19	-	6.5-9.0
2.	Total Suspended Solids	IS: 3025 (Part-17)	9.5	mg/l	100
3.	Total Dissolved Solid	IS: 3025 (Part-16)	824.0	mg/l	2100
4.	Chemical Oxygen Demand (COD)	IS: 3025 (Part-58)	17.0	mg/l	250
5.	Biochemical Oxygen Demand (3 Days at 27°C)	IS: 3025 (Part-44)	2.0	mg/l	30
6.	Oil & Grease	IS: 3025 (Part 39)	BDL (DL 1.0)	mg/l	10

Note-BDL- Below Detection Limit, DL- Detection Limit

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Checked by  
**Abhishek Tiwari**



Reviewed & Authorized by  
**Rajkumar Yadav**

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## TEST REPORT

Sample Number:	JME/PJCL/WW/03	Report No.:	JME/WW/250616003/N
Name & Address of Unit:	M/s. Prism Johnson Limited. (Unit- Cement Division) At Village- Mankahari, PO- Bathia, Dist- Satna, Madhya Pradesh.	Format No.:	7.8 F-01
		Party Reference:	NIL
Sample Description:	WASTE WATER	Reporting Date:	20/06/2025
Sampling Location:	STP Outlet	Analysis Completion Date:	20/06/2025
Client Representative (Name & Designation):	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Analysis Start Date:	16/06/2025
Sample collected by:	JMELPL Team	Receipt Date:	16/06/2025
Parameter Required:	As per work order	Sampling Date:	14/06/2025
Latitude:	24° 33' 46" N	Sampling Type:	Grab
Longitude:	81° 0' 4" E	Preservation:	Refrigerated
Sampling Protocol:	JMELPL/STOP/04	Packing Status:	Temporary Sealed
		Environmental Condition	Temp. 40°C; Cloudy
		During Sampling:	Sky
		Sample Quantity:	Approx. 250 ml

## TEST RESULTS

S. No.	Parameter	Test Method	Result	Unit	Limit
1.	Faecal Coliform	APHA ,24th Edition 9221 E: 2023	26	MPN per 100 ml	1000

Page No. 1 of 1

Checked by  
Kumari Bhumika



Reviewed & Authorized by  
Vineet Kumar

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CIN No. :U74220HR2011PTC085756



TC-6821

## TEST REPORT

Sample Number:	<b>JME/PJCL/WW/03</b>	Report No.:	<b>JME/WW/250923004</b>
Name & Address of Unit:	<b>M/s. Prism Johnson Limited. (Unit- Cement Division) At Village- Mankahari, PO- Bathia, Dist- Satna, Madhya Pradesh.</b>	Format No.:	<b>7.8 F-01</b>
		Party Reference:	<b>NIL</b>
		Reporting Date:	<b>30/09/2025</b>
Sample Description:	<b>WASTE WATER</b>	Analysis Completion Date:	<b>30/09/2025</b>
Sampling Location:	<b>STP Outlet</b>	Analysis Start Date:	<b>23/09/2025</b>
Client Representative	<b>Mr. Sumitabh Dwivedi</b>	Receipt Date:	<b>23/09/2025</b>
(Name & Designation):	<b>(Assistant General Manager- Environment)</b>	Sampling Date:	<b>22/09/2025</b>
Sample collected by:	<b>JMELPL Team</b>	Sampling Type:	<b>Grab</b>
Parameter Required:	<b>As per work order</b>	Preservation:	<b>Refrigerated</b>
Latitude:	<b>24° 33' 46" N</b>	Packing Status:	<b>Temporary Sealed</b>
Longitude:	<b>81° 0' 4" E</b>	Environmental Condition	<b>Temp. 30°C; Clear</b>
Sampling Protocol:	<b>JMELPL/STOP/04</b>	During Sampling:	<b>Sky</b>
		Sample Quantity:	<b>Approx. 3.0 Litre</b>

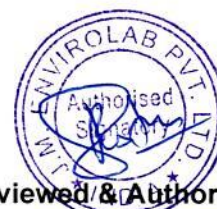
## TEST RESULTS

S. No.	Parameter	Test Method	Result	Unit	Limit as per CTO
1.	pH (at 25°C)	IS: 3025 (Part-11)	7.38	-	5.5 -9.0
2.	Total Suspended Solid	IS: 3025 (Part-17)	5.8	mg/l	100
3.	Total Dissolved Solid	IS: 3025 (Part-16)	1234.0	mg/l	-
4.	Chemical Oxygen Demand (COD)	IS: 3025 (Part-58)	14.0	mg/l	250
5.	Biochemical Oxygen Demand (3 Days at 27°C)	IS: 3025 (Part-44)	3.6	mg/l	30
6.	Oil & Grease	IS: 3025 (Part 39)	BDL (DL 1.0)	mg/l	10

Note-BDL- Below Detection Limit, DL- Detection Limit

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*Srishti*  
Checked by  
Srishti Mehta



Reviewed & Authorized by  
Pallavi Verma

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## TEST REPORT

Sample Number:	JME/PJCL/WW/03	Report No.:	JME/WW/250923004
Name & Address of Unit:	M/s. Prism Johnson Limited. (Unit- Cement Division) At Village- Mankahari, PO- Bathia, Dist- Satna, Madhya Pradesh.	Format No.:	7.8 F-01
		Party Reference:	NIL
		Reporting Date:	30/09/2025
		Analysis Completion Date:	30/09/2025
		Analysis Start Date:	23/09/2025
		Receipt Date:	23/09/2025
		Sampling Date:	22/09/2025
		Sampling Type:	Grab
		Preservation:	Refrigerated
		Packing Status:	Temporary Sealed
		Environmental Condition	Temp. 30°C; Clear
		During Sampling:	Sky
		Sample Quantity:	Approx. 250 ml
Sample Description:	WASTE WATER		
Sampling Location:	STP Outlet		
Client Representative	Mr. Sumitabh Dwivedi		
(Name & Designation):	(Assistant General Manager- Environment)		
Sample collected by:	JMELPL Team		
Parameter Required:	As per work order		
Latitude:	24° 33' 46" N		
Longitude:	81° 0' 4" E		
Sampling Protocol:	JMELPL/STOP/04		

## TEST RESULTS

S. No.	Parameter	Test Method	Result	Unit	Limit as per CTO
1.	Faecal Coliform	APHA ,24th Edition 9221 E	17	MPN/100 ml	1000

Page No. 2 of 2

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**Annexure 11**

**Water Quality Monitoring  
Reports**



# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

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## TEST REPORT

Sample Number: **JME/PJCL/W/04**  
 Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772 ha, 99 ha, 253 ha & 66 ha)**  
**Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh**  
 Sample Description: **Ground Water**  
 Sampling Location: **Village Sijahata Borewell**  
 Client Representative: **Mr. Sumitabh Dwivedi**  
 (Name & Designation): **(Assistant General Manager- Environment)**  
 Sample collected by: **JMELPL Team**  
 Parameter Required: **As per work order**  
 Latitude: **24° 34' 38" N**  
 Longitude: **81° 1' 17" E**  
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/W/250616004**  
 Format No.: **7.8 F-01**  
 Party Reference: **NIL**  
 Reporting Date: **20/06/2025**  
 Analysis Completion Date: **20/06/2025**  
 Analysis Start Date: **16/06/2025**  
 Receipt Date: **16/06/2025**  
 Sampling Date: **14/06/2025**  
 Sampling Type: **Grab**  
 Preservation: **Refrigerated**  
 Packing Status: **Temporary Sealed**  
 Environmental Condition: **Temp. 40°C; Cloudy**  
 During Sampling: **Sky**  
 Sample Quantity: **Approx. 5.0 Litre**

## TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11)	7.36	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4)	BDL (DL 1.0)	Hazen Unit	5	15
3.	Taste	IS:3025 (Part-8)	Agreeable	-	Agreeable	Agreeable
4.	Turbidity	IS:3025 (Part-10)	BDL (DL 1.0)	NTU	1	5
5.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	385.0	mg/l	200	600
6.	Calcium as Ca	IS:3025 (Part-40)	109.0	mg/l	75	200
7.	Magnesium as Mg	IS:3025 (Part-46)	27.49	mg/l	30	100
8.	Chloride as Cl	IS:3025 (Part-32)	71.35	mg/l	250	1000
9.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	326.0	mg/l	200	600
10.	Residual free Chlorine	IS:3025 (Part-26)	BDL (DL 0.2)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27)	BDL (DL 0.02)	mg/l	0.05	No Relaxation
12.	Total Dissolved Solids	IS:3025 (Part-16)	521.0	mg/l	500	2000
13.	Sulphate as SO <sub>4</sub>	APHA 23rd Edition, 4500-SO <sub>4</sub> -C/D/E	25.34	mg/l	200	400
14.	Fluoride as F	APHA 23rd Edition, 4500-F- D	0.31	mg/l	1	1.5

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## TEST REPORT

Sample Number: JME/PJCL/W/04

Report No.: JME/W/250616004

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
15.	Nitrate as NO <sub>3</sub> -N	IS:3025 (Part-34)	3.22	mg/l	45	No Relaxation
16.	Iron as Fe	IS:3025 (Part-53)	0.05	mg/l	1	No Relaxation
17.	Phenols	APHA (23rd edition) 5540-Phenol-C/D	BDL (DL 0.05)	mg/l	0.001	0.002
18.	Hexa Chromium as Cr <sup>6+</sup>	IS:3025 (Part-52)	BDL (DL 0.001)	mg/l	-	-
19.	Boron	IS:3025 (Part-57)	BDL (DL 0.03)	mg/l	0.5	2.4
20.	Aluminium as Al	IS:3025 (Part-55)	BDL (DL 0.2)	mg/l	0.03	0.2
21.	Anionic Detergents as MBAS	APHA 23rd Edition, 5540-C	BDL (DL 0.03)	mg/l	0.2	1
22.	Arsenic as As	IS:3025 (Part-37)	BDL (DL 0.02)	mg/l	0.01	No Relaxation
23.	Mercury as Hg	IS:3025 (Part-48)	BDL (DL 0.002)	mg/l	0.001	No Relaxation
24.	Selenium as Se	IS:3025 (Part-56)	BDL (DL 0.001)	mg/l	0.01	No Relaxation
25.	Cadmium as Cd	IS:3025 (Part-41)	BDL (DL 0.005)	mg/l	0.003	No Relaxation
26.	Lead as Pb	IS:3025 (Part-47)	BDL (DL 0.002)	mg/l	0.01	No Relaxation
27.	Zinc as Zn	IS:3025 (Part-49)	BDL (DL 0.008)	mg/l	5	15
28.	Manganese as Mn	IS:3025 (Part-59)	BDL (DL 0.1)	mg/l	0.1	0.3
29.	Copper as Cu	IS:3025 (Part-42)	BDL (DL 0.08)	mg/l	0.05	1.5

Note: BDL- Below Detection Limit, DL- Detection Limit

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## TEST REPORT

Sample Number:	JME/PJCL/W/04	Report No.:	JME/W/250616004/N
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh.	Format No.:	7.8 F-01
Sample Description:	Ground Water	Party Reference:	NIL
Sampling Location:	Village Sijahata Borewell	Reporting Date:	20/06/2025
Client Representative (Name & Designation):	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Analysis Completion Date:	20/06/2025
Sample collected by:	JMELPL Team	Analysis Start Date:	16/06/2025
Parameter Required:	As per work order	Receipt Date:	16/06/2025
Latitude:	24° 34' 38" N	Sampling Date:	14/06/2025
Longitude:	81° 1' 17" E	Sampling Type:	Grab
Sampling Protocol:	JMELPL/STOP/04	Preservation:	Refrigerated
		Packing Status:	Temporary Sealed
		Environmental Condition During Sampling:	Temp. 40°C; Cloudy Sky
		Sample Quantity:	Approx. 250 ml

## TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	Odour	IS:3025 (Part-5)	Agreeable	-	Agreeable	Agreeable
2.	Total Coliform	IS 15185	Absent	per 100ml	Shall not be detectable in any 100ml sample	
3.	E-Coli	IS 15185	Absent	per 100ml	Shall not be detectable in any 100ml sample	

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Reviewed & Authorized by  
Vineet Kumar

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## TEST REPORT

Sample Number:	JME/PJCL/W/01	Report No.:	JME/W/250616001
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.8 F-01
Sample Description:	Ground Water	Party Reference:	NIL
Sampling Location:	Village Hinauti Hand Pump	Reporting Date:	20/06/2025
Client Representative	Mr. Sumitabh Dwivedi	Analysis Completion Date:	20/06/2025
(Name & Designation):	(Assistant General Manager- Environment)	Analysis Start Date:	16/06/2025
Sample collected by:	JMELPL Team	Receipt Date:	16/06/2025
Parameter Required:	As per work order	Sampling Date:	14/06/2025
Latitude:	--	Sampling Type:	Grab
Longitude:	--	Preservation:	Refrigerated
Sampling Protocol:	JMELPL/STOP/04	Packing Status:	Temporary Sealed
		Environmental Condition	Temp. 40°C; Cloudy
		During Sampling:	Sky
		Sample Quantity:	Approx. 5.0 Litre

## TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11)	7.59	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4)	BDL (DL 1.0)	Hazen Unit	5	15
3.	Taste	IS:3025 (Part-8)	Agreeable	-	Agreeable	Agreeable
4.	Turbidity	IS:3025 (Part-10)	BDL (DL 1.0)	NTU	1	5
5.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	405.0	mg/l	200	600
6.	Calcium as Ca	IS:3025 (Part-40)	119.0	mg/l	75	200
7.	Magnesium as Mg	IS:3025 (Part-46)	26.29	mg/l	30	100
8.	Chloride as Cl	IS:3025 (Part-32)	45.39	mg/l	250	1000
9.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	325.0	mg/l	200	600
10.	Residual free Chlorine	IS:3025 (Part-26)	BDL (DL 0.2)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27)	BDL (DL 0.02)	mg/l	0.05	No Relaxation
12.	Total Dissolved Solids	IS:3025 (Part-16)	525.0	mg/l	500	2000
13.	Sulphate as SO <sub>4</sub>	APHA 23rd Edition, 4500-SO <sub>4</sub> -C/D/E	22.16	mg/l	200	400
14.	Fluoride as F	APHA 23rd Edition, 4500-F- D	0.35	mg/l	1	1.5

Page No. 1 of 2

Checked by  
Abhishek Tiwari



Reviewed & Authorized by  
Rajkumar Yadav

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TC-6821

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## TEST REPORT

Sample Number: JME/PJCL/W/01

Report No.: JME/W/250616001

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
15.	Nitrate as NO <sub>3</sub> -N	IS:3025 (Part-34)	7.10	mg/l	45	No Relaxation
16.	Iron as Fe	IS:3025 (Part-53)	0.15	mg/l	1	No Relaxation
17.	Phenols	APHA (23rd edition) 5540-Phenol-C/D	BDL (DL 0.05)	mg/l	0.001	0.002
18.	Hexa Chromium as Cr <sup>6+</sup>	IS:3025 (Part-52)	BDL (DL 0.001)	mg/l	-	-
19.	Boron	IS:3025 (Part-57)	BDL (DL 0.03)	mg/l	0.5	2.4
20.	Aluminium as Al	IS:3025 (Part-55)	BDL (DL 0.2)	mg/l	0.03	0.2
21.	Anionic Detergents as MBAS	APHA 23rd Edition, 5540-C	BDL (DL 0.03)	mg/l	0.2	1
22.	Arsenic as As	IS:3025 (Part-37)	BDL (DL 0.02)	mg/l	0.01	No Relaxation
23.	Mercury as Hg	IS:3025 (Part-48)	BDL (DL 0.002)	mg/l	0.001	No Relaxation
24.	Selenium as Se	IS:3025 (Part-56)	BDL (DL 0.001)	mg/l	0.01	No Relaxation
25.	Cadmium as Cd	IS:3025 (Part-41)	BDL (DL 0.005)	mg/l	0.003	No Relaxation
26.	Lead as Pb	IS:3025 (Part-47)	BDL (DL 0.002)	mg/l	0.01	No Relaxation
27.	Zinc as Zn	IS:3025 (Part-49)	BDL (DL 0.008)	mg/l	5	15
28.	Manganese as Mn	IS:3025 (Part-59)	BDL (DL 0.1)	mg/l	0.1	0.3
29.	Copper as Cu	IS:3025 (Part-42)	BDL (DL 0.08)	mg/l	0.05	1.5

Note: BDL- Below Detection Limit, DL- Detection Limit

Page No. 2 of 2

*Abhishek*  
Checked by  
Abhishek Tiwari



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Rajkumar Yadav

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## TEST REPORT

Sample Number:	JME/PJCL/W/01	Report No.:	JME/W/250616001/N
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.8 F-01
Sample Description:	Ground Water	Party Reference:	NIL
Sampling Location:	Village Hinauti Hand Pump	Reporting Date:	20/06/2025
Client Representative (Name & Designation):	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Analysis Completion Date:	20/06/2025
Sample collected by:	JMELPL Team	Analysis Start Date:	16/06/2025
Parameter Required:	As per work order	Receipt Date:	16/06/2025
Latitude:	--	Sampling Date:	14/06/2025
Longitude:	--	Sampling Type:	Grab
Sampling Protocol:	JMELPL/STOP/04	Preservation:	Refrigerated
		Packing Status:	Temporary Sealed
		Environmental Condition	Temp. 40°C; Cloudy
		During Sampling:	Sky
		Sample Quantity:	Approx. 250 ml

## TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	Odour	IS:3025 (Part-5)	Agreeable	-	Agreeable	Agreeable
2.	Total Coliform	IS 15185	Absent	per 100ml	Shall not be detectable in any 100ml sample	
3.	E-Coli	IS 15185	Absent	per 100ml	Shall not be detectable in any 100ml sample	

Page No. 1 of 1

  
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 Kumari Bhumika

  
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 Vineet Kumar

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CIN No. :U74220HR2011PTC085756



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## TEST REPORT

Sample Number:	<b>JME/PJCL/W/07</b>	Report No.:	<b>JME/W/250616007</b>
Name & Address of Unit:	<b>M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha &amp; 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh</b>	Format No.:	<b>7.8 F-01</b>
Sample Description:	<b>Ground Water</b>	Party Reference:	<b>NIL</b>
Sampling Location:	<b>Mine Site office Hinauti Sijahata</b>	Reporting Date:	<b>20/06/2025</b>
Client Representative	<b>Mr. Sumitabh Dwivedi</b>	Analysis Completion Date:	<b>20/06/2025</b>
(Name & Designation):	<b>(Assistant General Manager- Environment)</b>	Analysis Start Date:	<b>16/06/2025</b>
Sample collected by:	<b>JMELPL Team</b>	Receipt Date:	<b>16/06/2025</b>
Parameter Required:	<b>As per work order</b>	Sampling Date:	<b>14/06/2025</b>
Latitude:	--	Sampling Type:	<b>Grab</b>
Longitude:	--	Preservation:	<b>Refrigerated</b>
Sampling Protocol:	<b>JMELPL/STOP/04</b>	Packing Status:	<b>Temporary Sealed</b>
		Environmental Condition	<b>Temp. 40°C; Cloudy</b>
		During Sampling:	<b>Sky</b>
		Sample Quantity:	<b>Approx. 5.0 Litre</b>

## TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11)	7.42	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4)	BDL (DL 1.0)	Hazen Unit	5	15
3.	Taste	IS:3025 (Part-8)	Agreeable	-	Agreeable	Agreeable
4.	Turbidity	IS:3025 (Part-10)	BDL (DL 1.0)	NTU	1	5
5.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	373.0	mg/l	200	600
6.	Calcium as Ca	IS:3025 (Part-40)	98.26	mg/l	75	200
7.	Magnesium as Mg	IS:3025 (Part-46)	31.09	mg/l	30	100
8.	Chloride as Cl	IS:3025 (Part-32)	45.22	mg/l	250	1000
9.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	281.0	mg/l	200	600
10.	Residual free Chlorine	IS:3025 (Part-26)	BDL (DL 0.2)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27)	BDL (DL 0.02)	mg/l	0.05	No Relaxation
12.	Total Dissolved Solids	IS:3025 (Part-16)	542.0	mg/l	500	2000
13.	Sulphate as SO <sub>4</sub>	APHA 23rd Edition, 4500-SO <sub>4</sub> -C/D/E	12.55	mg/l	200	400
14.	Fluoride as F	APHA 23rd Edition, 4500-F- D	0.29	mg/l	1	1.5

Page No. 1 of 2

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**Abhishek Twari**

Reviewed & Authorized by  
**Rajkumar Yadav**

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CIN No. :U74220HR2011PTC085756



TC-6821

## TEST REPORT

Sample Number: JME/PJCL/W/07

Report No.: JME/W/250616007

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
15.	Nitrate as NO <sub>3</sub> -N	IS:3025 (Part-34)	2.11	mg/l	45	No Relaxation
16.	Iron as Fe	IS:3025 (Part-53)	BDL (DL 0.02)	mg/l	1	No Relaxation
17.	Phenols	APHA (23rd edition) 5540-Phenol-C/D	BDL (DL 0.05)	mg/l	0.001	0.002
18.	Hexa Chromium as Cr <sup>6+</sup>	IS:3025 (Part-52)	BDL (DL 0.001)	mg/l	-	-
19.	Boron	IS:3025 (Part-57)	BDL (DL 0.03)	mg/l	0.5	2.4
20.	Aluminium as Al	IS:3025 (Part-55)	BDL (DL 0.2)	mg/l	0.03	0.2
21.	Anionic Detergents as MBAS	APHA 23rd Edition, 5540-C	BDL (DL 0.03)	mg/l	0.2	1
22.	Arsenic as As	IS:3025 (Part-37)	BDL (DL 0.02)	mg/l	0.01	No Relaxation
23.	Mercury as Hg	IS:3025 (Part-48)	BDL (DL 0.002)	mg/l	0.001	No Relaxation
24.	Selenium as Se	IS:3025 (Part-56)	BDL (DL 0.001)	mg/l	0.01	No Relaxation
25.	Cadmium as Cd	IS:3025 (Part-41)	BDL (DL 0.005)	mg/l	0.003	No Relaxation
26.	Lead as Pb	IS:3025 (Part-47)	BDL (DL 0.002)	mg/l	0.01	No Relaxation
27.	Zinc as Zn	IS:3025 (Part-49)	BDL (DL 0.008)	mg/l	5	15
28.	Manganese as Mn	IS:3025 (Part-59)	BDL (DL 0.1)	mg/l	0.1	0.3
29.	Copper as Cu	IS:3025 (Part-42)	BDL (DL 0.08)	mg/l	0.05	1.5

Note: BDL- Below Detection Limit, DL- Detection Limit

Page No. 2 of 2

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Abhishek Tiwari



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Raikumar Yadav

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## TEST REPORT

Sample Number:	JME/PJCL/W/07	Report No.:	JME/W/250616007/N
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.8 F-01
Sample Description:	Ground Water	Party Reference:	NIL
Sampling Location:	Mine Site office Hinauti Sijahata	Reporting Date:	20/06/2025
Client Representative (Name & Designation):	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Analysis Completion Date:	20/06/2025
Sample collected by:	JMELPL Team	Analysis Start Date:	16/06/2025
Parameter Required:	As per work order	Receipt Date:	16/06/2025
Latitude:	--	Sampling Date:	14/06/2025
Longitude:	--	Sampling Type:	Grab
Sampling Protocol:	JMELPL/STOP/04	Preservation:	Refrigerated
		Packing Status:	Temporary Sealed
		Environmental Condition	Temp. 40°C; Cloudy
		During Sampling:	Sky
		Sample Quantity:	Approx. 250 ml

## TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	Odour	IS:3025 (Part-5)	Agreeable	-	Agreeable	Agreeable
2.	Total Coliform	IS 15185	Absent	per 100ml	Shall not be detectable in any 100ml sample	
3.	E-Coli	IS 15185	Absent	per 100ml	Shall not be detectable in any 100ml sample	

Page No. 1 of 1

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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

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## TEST REPORT

Sample Number:	JME/PJCL/W/09	Report No.:	JME/W/250616009
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.8 F-01
Sample Description:	Ground Water	Party Reference:	NIL
Sampling Location:	Village Mankahari hand pump	Reporting Date:	20/06/2025
Client Representative	Mr. Sumitabh Dwivedi	Analysis Completion Date:	20/06/2025
(Name & Designation):	(Assistant General Manager- Environment)	Analysis Start Date:	16/06/2025
Sample collected by:	JMELPL Team	Receipt Date:	16/06/2025
Parameter Required:	As per work order	Sampling Date:	14/06/2025
Latitude:	24° 33' 38" N	Sampling Type:	Grab
Longitude:	81° 0' 3" E	Preservation:	Refrigerated
Sampling Protocol:	JMELPL/STOP/04	Packing Status:	Temporary Sealed
		Environmental Condition	Temp. 40°C; Cloudy
		During Sampling:	Sky
		Sample Quantity:	Approx. 5.0 Litre

## TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11)	7.71	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4)	BDL (DL 1.0)	Hazen Unit	5	15
3.	Taste	IS:3025 (Part-8)	Agreeable	-	Agreeable	Agreeable
4.	Turbidity	IS:3025 (Part-10)	BDL (DL 1.0)	NTU	1	5
5.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	975.0	mg/l	200	600
6.	Calcium as Ca	IS:3025 (Part-40)	185.0	mg/l	75	200
7.	Magnesium as Mg	IS:3025 (Part-46)	124.0	mg/l	30	100
8.	Chloride as Cl	IS:3025 (Part-32)	231.0	mg/l	250	1000
9.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	321.0	mg/l	200	600
10.	Residual free Chlorine	IS:3025 (Part-26)	BDL (DL 0.2)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27)	BDL (DL 0.02)	mg/l	0.05	No Relaxation
12.	Total Dissolved Solids	IS:3025 (Part-16)	1425.0	mg/l	500	2000
13.	Sulphate as SO <sub>4</sub>	APHA 23rd Edition, 4500-SO <sub>4</sub> -C/D/E	472.0	mg/l	200	400
14.	Fluoride as F	APHA 23rd Edition, 4500-F- D	0.92	mg/l	1	1.5

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TC-6821

## TEST REPORT

Sample Number: JME/PJCL/W/09

Report No.: JME/W/250616009

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
15.	Nitrate as NO <sub>3</sub> -N	IS:3025 (Part-34)	6.22	mg/l	45	No Relaxation
16.	Iron as Fe	IS:3025 (Part-53)	0.32	mg/l	1	No Relaxation
17.	Phenols	APHA (23rd edition) 5540-Phenol-C/D	BDL (DL 0.05)	mg/l	0.001	0.002
18.	Hexa Chromium as Cr <sup>6+</sup>	IS:3025 (Part-52)	BDL (DL 0.001)	mg/l	-	-
19.	Boron	IS:3025 (Part-57)	BDL (DL 0.03)	mg/l	0.5	2.4
20.	Aluminium as Al	IS:3025 (Part-55)	BDL (DL 0.2)	mg/l	0.03	0.2
21.	Anionic Detergents as MBAS	APHA 23rd Edition, 5540-C	BDL (DL 0.03)	mg/l	0.2	1
22.	Arsenic as As	IS:3025 (Part-37)	BDL (DL 0.02)	mg/l	0.01	No Relaxation
23.	Mercury as Hg	IS:3025 (Part-48)	BDL (DL 0.002)	mg/l	0.001	No Relaxation
24.	Selenium as Se	IS:3025 (Part-56)	BDL (DL 0.001)	mg/l	0.01	No Relaxation
25.	Cadmium as Cd	IS:3025 (Part-41)	BDL (DL 0.005)	mg/l	0.003	No Relaxation
26.	Lead as Pb	IS:3025 (Part-47)	BDL (DL 0.002)	mg/l	0.01	No Relaxation
27.	Zinc as Zn	IS:3025 (Part-49)	BDL (DL 0.008)	mg/l	5	15
28.	Manganese as Mn	IS:3025 (Part-59)	BDL (DL 0.1)	mg/l	0.1	0.3
29.	Copper as Cu	IS:3025 (Part-42)	BDL (DL 0.08)	mg/l	0.05	1.5

Note: BDL- Below Detection Limit, DL- Detection Limit

Page No. 2 of 2

*Abhishek*  
Checked by  
Abhishek Tiwari

*Kumar Yadav*  
Reviewed & Authorized by  
Kumar Yadav

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## Reg. Office &amp; Lab.

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## Corporate Office

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# J.M. ENVIROLAB PVT. LTD.

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## TEST REPORT

Sample Number:	JME/PJCL/W/09	Report No.:	JME/W/250616009/N
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.8 F-01
Sample Description:	Ground Water	Party Reference:	NIL
Sampling Location:	Village Mankahari hand pump	Reporting Date:	20/06/2025
Client Representative (Name & Designation):	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Analysis Completion Date:	20/06/2025
Sample collected by:	JMELPL Team	Analysis Start Date:	16/06/2025
Parameter Required:	As per work order	Receipt Date:	16/06/2025
Latitude:	24° 33' 38" N	Sampling Date:	14/06/2025
Longitude:	81° 0' 3" E	Sampling Type:	Grab
Sampling Protocol:	JMELPL/STOP/04	Preservation:	Refrigerated
		Packing Status:	Temporary Sealed
		Environmental Condition During Sampling:	Temp. 40°C; Cloudy Sky
		Sample Quantity:	Approx. 250 ml

## TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	Odour	IS:3025 (Part-5)	Agreeable	-	Agreeable	Agreeable
2.	Total Coliform	IS 15185	Absent	per 100ml	Shall not be detectable in any 100ml sample	
3.	E-Coli	IS 15185	Absent	per 100ml	Shall not be detectable in any 100ml sample	

Page No. 1 of 1

Checked by  
Kumari Bhumiika

Reviewed & Authorized by  
Vineet Kumar

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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

30 years of success Recognized by CPCB under EP Act-1986, Certified by ISO-9001:2015, 14001:2015 &amp; 45001:2018

## TEST REPORT

Sample Number: **JME/PJCLW/15**  
 Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772 ha, 99 ha, 253 ha & 66 ha)**  
**Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh**  
 Sample Description: **Ground Water**  
 Sampling Location: **Prism LS Mine Drinking Ground Water (Site office)**  
 Client Representative (Name & Designation): **Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**  
 Sample collected by: **JMELPL Team**  
 Parameter Required: **As per work order**  
 Latitude: **24° 34' 33" N**  
 Longitude: **81° 59' 51" E**  
 Sampling Protocol: **JMELPL/STOP/04**

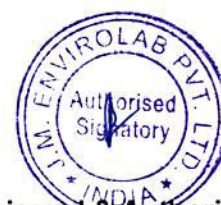
Report No.: **JME/W/250616015**  
 Format No.: **7.8 F-01**  
 Party Reference: **NIL**  
 Reporting Date: **20/06/2025**  
 Analysis Completion Date: **20/06/2025**  
 Analysis Start Date: **16/06/2025**  
 Receipt Date: **16/06/2025**  
 Sampling Date: **14/06/2025**  
 Sampling Type: **Grab**  
 Preservation: **Refrigerated**  
 Packing Status: **Temporary Sealed**  
 Environmental Condition During Sampling: **Temp. 40°C; Cloudy Sky**  
 Sample Quantity: **Approx. 5.0 Litre**

## TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11)	7.76	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4)	BDL (DL 1.0)	Hazen Unit	5	15
3.	Taste	IS:3025 (Part-8)	Agreeable	-	Agreeable	Agreeable
4.	Turbidity	IS:3025 (Part-10)	BDL (DL 1.0)	NTU	1	5
5.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	465.0	mg/l	200	600
6.	Calcium as Ca	IS:3025 (Part-40)	125.0	mg/l	75	200
7.	Magnesium as Mg	IS:3025 (Part-46)	27.24	mg/l	30	100
8.	Chloride as Cl	IS:3025 (Part-32)	55.21	mg/l	250	1000
9.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	265.0	mg/l	200	600
10.	Residual free Chlorine	IS:3025 (Part-26)	BDL (DL 0.2)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27)	BDL (DL 0.02)	mg/l	0.05	No Relaxation
12.	Total Dissolved Solids	IS:3025 (Part-16)	742.0	mg/l	500	2000
13.	Sulphate as SO <sub>4</sub>	APHA 23rd Edition, 4500-SO <sub>4</sub> -C/D/E	115.0	mg/l	200	400
14.	Fluoride as F	APHA 23rd Edition, 4500-F- D	0.75	mg/l	1	1.5

Page No. 1 of 2

*Abhishek Thwari*  
 Checked by  
 Abhishek Thwari



Reviewed & Authorized by  
**Rajkumar Yadav**

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CIN No. :U74220HR2011PTC085756



TC-6821

## TEST REPORT

Sample Number: JME/PJCL/W/15

Report No.: JME/W/250616015

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
15.	Nitrate as NO <sub>3</sub> -N	IS:3025 (Part-34)	1.22	mg/l	45	No Relaxation
16.	Iron as Fe	IS:3025 (Part-53)	0.10	mg/l	1	No Relaxation
17.	Phenols	APHA (23rd edition) 5540-Phenol-C/D	BDL (DL 0.05)	mg/l	0.001	0.002
18.	Hexa Chromium as Cr <sup>6+</sup>	IS:3025 (Part-52)	BDL (DL 0.001)	mg/l	-	-
19.	Boron	IS:3025 (Part-57)	BDL (DL 0.03)	mg/l	0.5	2.4
20.	Aluminium as Al	IS:3025 (Part-55)	BDL (DL 0.2)	mg/l	0.03	0.2
21.	Anionic Detergents as MBAS	APHA 23rd Edition, 5540-C	BDL (DL 0.03)	mg/l	0.2	1
22.	Arsenic as As	IS:3025 (Part-37)	BDL (DL 0.02)	mg/l	0.01	No Relaxation
23.	Mercury as Hg	IS:3025 (Part-48)	BDL (DL 0.002)	mg/l	0.001	No Relaxation
24.	Selenium as Se	IS:3025 (Part-56)	BDL (DL 0.001)	mg/l	0.01	No Relaxation
25.	Cadmium as Cd	IS:3025 (Part-41)	BDL (DL 0.005)	mg/l	0.003	No Relaxation
26.	Lead as Pb	IS:3025 (Part-47)	BDL (DL 0.002)	mg/l	0.01	No Relaxation
27.	Zinc as Zn	IS:3025 (Part-49)	BDL (DL 0.008)	mg/l	5	15
28.	Manganese as Mn	IS:3025 (Part-59)	BDL (DL 0.1)	mg/l	0.1	0.3
29.	Copper as Cu	IS:3025 (Part-42)	BDL (DL 0.08)	mg/l	0.05	1.5

Note: BDL- Below Detection Limit, DL- Detection Limit

Page No. 2 of 2

Checked by  
Abhishek Tiwari



Reviewed & Authorized by  
Rajkumar Yadav

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## TEST REPORT


Sample Number: **JME/PJCLW/15**  
 Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772 ha, 99 ha, 253 ha & 66 ha)**  
**Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh**  
 Sample Description: **Ground Water**  
 Sampling Location: **Prism LS Mine Drinking Ground Water (Site office)**  
 Client Representative (Name & Designation): **Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**  
 Sample collected by: **JMELPL Team**  
 Parameter Required: **As per work order**  
 Latitude: **24° 34' 33" N**  
 Longitude: **81° 59' 51" E**  
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/W/250616015/N**  
 Format No.: **7.8 F-01**  
 Party Reference: **NIL**  
 Reporting Date: **20/06/2025**  
 Analysis Completion Date: **20/06/2025**  
 Analysis Start Date: **16/06/2025**  
 Receipt Date: **16/06/2025**  
 Sampling Date: **14/06/2025**  
 Sampling Type: **Grab**  
 Preservation: **Refrigerated**  
 Packing Status: **Temporary Sealed**  
 Environmental Condition During Sampling: **Temp. 40°C; Cloudy Sky**  
 Sample Quantity: **Approx. 250 ml**

### TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	Odour	IS:3025 (Part-5)	Agreeable	-	Agreeable	Agreeable
2.	Total Coliform	IS 15185	Absent	per 100ml	Shall not be detectable in any 100ml sample	
3.	E-Coli	IS 15185	Absent	per 100ml	Shall not be detectable in any 100ml sample	

Page No. 1 of 1

Checked by  
  
**Kumari Bhumika**

Reviewed & Authorized by  
  
**Vineet Kumar**

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TC-6821

## TEST REPORT

Sample Number: **JME/PJCL/W/04**  
 Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna**  
**Madhya Pradesh**  
 Sample Description: **Ground Water**  
 Sampling Location: **Village Sijahata Borewell**  
 Client Representative (Name & Designation): **Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**  
 Sample collected by: **JMELPL Team**  
 Parameter Required: **As per work order**  
 Latitude: **24° 34' 38" N**  
 Longitude: **81° 1' 17" E**  
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/W/250923004**  
 Format No.: **7.8 F-01**  
 Party Reference: **NIL**  
 Reporting Date: **30/09/2025**  
 Analysis Completion Date: **30/09/2025**  
 Analysis Start Date: **23/09/2025**  
 Receipt Date: **23/09/2025**  
 Sampling Date: **22/09/2025**  
 Sampling Type: **Grab**  
 Preservation: **Refrigerated**  
 Packing Status: **Temporary Sealed**  
 Environmental Condition: **Temp. 30°C; Clear Sky**  
 During Sampling:  
 Sample Quantity: **Approx. 5.0 Litre**

## TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11)	7.22	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4)	BDL (DL 1.0)	Hazen Unit	5	15
3.	Odour	IS:3025 (Part-5)	Agreeable	-	Agreeable	Agreeable
4.	Taste	IS:3025 (Part-8)	Agreeable	-	Agreeable	Agreeable
5.	Turbidity	IS:3025 (Part-10)	BDL (DL 1.0)	NTU	1	5
6.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	392.0	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40)	115.0	mg/l	75	200
8.	Magnesium	IS:3025 (Part-46)	25.55	mg/l	30	100
9.	Chloride as Cl	IS:3025 (Part-32)	75.34	mg/l	250	1000
10.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	339.0	mg/l	200	600
11.	Residual Chlorine	IS:3025 (Part-26)	BDL (DL 0.2)	mg/l	0.2	1.0
12.	Cyanide	IS:3025 (Part-27) sec 1	BDL (DL 0.02)	mg/l	0.05	No Relaxation
13.	Total Dissolved Solid	IS:3025 (Part-16)	608.0	mg/l	500	2000
14.	Sulphate as SO <sub>4</sub>	APHA 24th Edition, 4500-SO4-E	29.64	mg/l	200	400
15.	Fluoride as F	APHA 24th Edition, 4500-F- D	0.39	mg/l	1	1.5
16.	Nitrate Nitrogen as NO <sub>3</sub>	IS:3025 (Part-34) sec 1: Para 6.3, Cadmium reduction method	3.73	mg/l	45	No Relaxation
17.	Iron	IS:3025 (Part-53)	0.06	mg/l	1	No Relaxation

*Srishti*  
 Checked by  
 Srishti Mehta



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 Pallavi Verma

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TC-6821

## TEST REPORT

Sample Number: JME/PJCL/W/04

Report No.: JME/W/250923004

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
18.	Phenols	APHA 24th Edition 5530-Phenol-D, Direct Photometric	BDL (DL 0.001)	mg/l	0.001	0.002
19.	Anionic Surfactant	APHA 24th Edition, 5540-C	BDL (DL 0.02)	mg/l	0.2	1
20.	Hexa Chromium as Cr6+	IS:3025 (Part-52)	BDL (DL 0.03)	mg/l	-	-
21.	Boron as B	IS:3025 (Part-57)	BDL (DL 0.2)	mg/l	0.5	2.4
22.	Aluminium	IS:3025 (Part-55)	BDL (DL 0.03)	mg/l	0.03	0.2
23.	Arsenic	IS:3025 (Part-37)	BDL (DL 0.002)	mg/l	0.01	No Relaxation
24.	Mercury	IS:3025 (Part-48)	BDL (DL 0.001)	mg/l	0.001	No Relaxation
25.	Selenium	IS:3025 (Part-56)	BDL (DL 0.005)	mg/l	0.01	No Relaxation
26.	Cadmium	IS:3025 (Part-41)	BDL (DL 0.002)	mg/l	0.003	No Relaxation
27.	Lead	IS:3025 (Part-47)	BDL (DL 0.008)	mg/l	0.01	No Relaxation
28.	Zinc	IS:3025 (Part-49)	BDL (DL 0.1)	mg/l	5	15
29.	Manganese	IS:3025 (Part-59)	BDL (DL 0.08)	mg/l	0.1	0.3
30.	Copper	IS:3025 (Part-42)	BDL (DL 0.02)	mg/l	0.05	1.5

Note: BDL- Below Detection Limit, DL- Detection Limit

Page No. 2 of 3

*Srishti*  
Checked by  
Srishti Mehta



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Pallavi Verma

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TC-6821

## TEST REPORT

Sample Number: **JME/PJCLW/04**  
 Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna**  
**Madhya Pradesh**  
 Sample Description: **Ground Water**  
 Sampling Location: **Village Sijahata Borewell**  
 Client Representative (Name & Designation): **Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**  
 Sample collected by: **JMELPL Team**  
 Parameter Required: **As per work order**  
 Latitude: **24° 34' 38" N**  
 Longitude: **81° 1' 17" E**  
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/W/250923004**  
 Format No.: **7.8 F-01**  
 Party Reference: **NIL**  
 Reporting Date: **30/09/2025**  
 Analysis Completion Date: **30/09/2025**  
 Analysis Start Date: **23/09/2025**  
 Receipt Date: **23/09/2025**  
 Sampling Date: **22/09/2025**  
 Sampling Type: **Grab**  
 Preservation: **Refrigerated**  
 Packing Status: **Temporary Sealed**  
 Environmental Condition: **Temp. 30°C; Clear Sky**  
 During Sampling:  
 Sample Quantity: **Approx. 250 ml**

## TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012
1.	Total Coliform	IS: 15185	Absent	per 100ml	Shall not be detectable in any 100ml sample
2.	E-Coli	IS: 15185	Absent	per 100ml	Shall not be detectable in any 100ml sample

Page No. 3 of 3

Checked by  
vineet Kumar



Reviewed & Authorized by  
Kumari Bhumika

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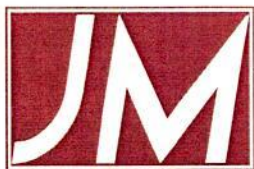
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CIN No. :U74220HR2011PTC085756



TC-6821

## TEST REPORT

Sample Number:	<b>JME/PJCLW/01</b>	Report No.:	<b>JME/W/250923001</b>
Name & Address of Unit:	<b>M/s. Prism Johnson Limited</b>	Format No.:	<b>7.8 F-01</b>
	<b>Limestones Mines</b>	Party Reference:	<b>NIL</b>
	<b>Area (772.067 ha, 99.416 ha, 253.326 ha &amp; 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna</b>	Reporting Date:	<b>30/09/2025</b>
	<b>Madhya Pradesh</b>	Analysis Completion Date:	<b>30/09/2025</b>
Sample Description:	<b>Ground Water</b>	Analysis Start Date:	<b>23/09/2025</b>
Sampling Location:	<b>Village Hinauti Hand Pump</b>	Receipt Date:	<b>23/09/2025</b>
Client Representative	<b>Mr. Sumitabh Dwivedi</b>	Sampling Date:	<b>22/09/2025</b>
(Name & Designation):	<b>(Assistant General Manager- Environment)</b>	Sampling Type:	<b>Grab</b>
Sample collected by:	<b>JMELPL Team</b>	Preservation:	<b>Refrigerated</b>
Parameter Required:	<b>As per work order</b>	Packing Status:	<b>Temporary Sealed</b>
Latitude:	<b>--</b>	Environmental Condition	<b>Temp. 30°C; Clear</b>
Longitude:	<b>--</b>	During Sampling:	<b>Sky</b>
Sampling Protocol:	<b>JMELPL/STOP/04</b>	Sample Quantity:	<b>Approx. 5.0 Litre</b>

## TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11)	7.45	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4)	BDL (DL 1.0)	Hazen Unit	5	15
3.	Odour	IS:3025 (Part-5)	Agreeable	-	Agreeable	Agreeable
4.	Taste	IS:3025 (Part-8)	Agreeable	-	Agreeable	Agreeable
5.	Turbidity	IS:3025 (Part-10)	BDL (DL 1.0)	NTU	1	5
6.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	416.0	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40)	125.0	mg/l	75	200
8.	Magnesium	IS:3025 (Part-46)	25.32	mg/l	30	100
9.	Chloride as Cl	IS:3025 (Part-32)	49.26	mg/l	250	1000
10.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	334.0	mg/l	200	600
11.	Residual Chlorine	IS:3025 (Part-26)	BDL (DL 0.2)	mg/l	0.2	1.0
12.	Cyanide	IS:3025 (Part-27) sec 1	BDL (DL 0.02)	mg/l	0.05	No Relaxation
13.	Total Dissolved Solid	IS:3025 (Part-16)	576.0	mg/l	500	2000
14.	Sulphate as SO <sub>4</sub>	APHA 24th Edition, 4500-SO <sub>4</sub> -E	25.11	mg/l	200	400
15.	Fluoride as F	APHA 24th Edition, 4500-F- D	0.42	mg/l	1	1.5
16.	Nitrate Nitrogen as NO <sub>3</sub>	IS:3025 (Part-34) sec 1: Para 6.3, Cadmium reduction method	6.24	mg/l	45	No Relaxation
17.	Iron	IS:3025 (Part-53)	0.11	mg/l	1	No Relaxation

Page No. 1 of 3



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**Pallavi Verma**

Checked by  
**Srishti Menka**

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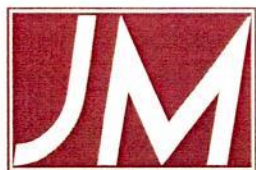
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CIN No. :U74220HR2011PTC065756



TC-6821

## TEST REPORT

Sample Number: JME/PJCL/W/01

Report No.: JME/W/250923001

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
18.	Phenols	APHA 24th Edition 5530-Phenol-D, Direct Photometric	BDL (DL 0.001)	mg/l	0.001	0.002
19.	Anionic Surfactant	APHA 24th Edition, 5540-C	BDL (DL 0.02)	mg/l	0.2	1
20.	Hexa Chromium as Cr6+	IS:3025 (Part-52)	BDL (DL 0.03)	mg/l	-	-
21.	Boron as B	IS:3025 (Part-57)	BDL (DL 0.2)	mg/l	0.5	2.4
22.	Aluminium	IS:3025 (Part-55)	BDL (DL 0.03)	mg/l	0.03	0.2
23.	Arsenic	IS:3025 (Part-37)	BDL (DL 0.002)	mg/l	0.01	No Relaxation
24.	Mercury	IS:3025 (Part-48)	BDL (DL 0.001)	mg/l	0.001	No Relaxation
25.	Selenium	IS:3025 (Part-56)	BDL (DL 0.005)	mg/l	0.01	No Relaxation
26.	Cadmium	IS:3025 (Part-41)	BDL (DL 0.002)	mg/l	0.003	No Relaxation
27.	Lead	IS:3025 (Part-47)	BDL (DL 0.008)	mg/l	0.01	No Relaxation
28.	Zinc	IS:3025 (Part-49)	BDL (DL 0.1)	mg/l	5	15
29.	Manganese	IS:3025 (Part-59)	BDL (DL 0.08)	mg/l	0.1	0.3
30.	Copper	IS:3025 (Part-42)	BDL (DL 0.02)	mg/l	0.05	1.5

Note: BDL- Below Detection Limit, DL- Detection Limit

Page No. 2 of 3

*Srishti*  
Checked by  
Srishti Mehta

*Pallavi*  
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Pallavi Verma

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TC-6821

## TEST REPORT

Sample Number:	JME/PJCL/W/01	Report No.:	JME/W/250923001
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.8 F-01
Sample Description:	Ground Water	Party Reference:	NIL
Sampling Location:	Village Hinauti Hand Pump	Reporting Date:	30/09/2025
Client Representative (Name & Designation):	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Analysis Completion Date:	30/09/2025
Sample collected by:	JMELPL Team	Analysis Start Date:	23/09/2025
Parameter Required:	As per work order	Receipt Date:	23/09/2025
Latitude:	--	Sampling Date:	22/09/2025
Longitude:	--	Sampling Type:	Grab
Sampling Protocol:	JMELPL/STOP/04	Preservation:	Refrigerated
		Packing Status:	Temporary Sealed
		Environmental Condition	Temp. 30°C; Clear Sky
		During Sampling:	Sky
		Sample Quantity:	Approx. 250 ml

## TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012
1.	Total Coliform	IS: 15185	Absent	per 100ml	Shall not be detectable in any 100ml sample
2.	E-Coli	IS: 15185	Absent	per 100ml	Shall not be detectable in any 100ml sample

Page No. 3 of 3

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Vineet Kumar

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Kumari Bhumika

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CIN No. :U74220HR2011PTC086766



TC-6821

## TEST REPORT

Sample Number:	JME/PJCL/W/07	Report No.:	JME/W/250923007
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.8 F-01
Sample Description:	Ground Water	Party Reference:	NIL
Sampling Location:	Mine Site office Hinauti Sijahata	Reporting Date:	30/09/2025
Client Representative	Mr. Sumitabh Dwivedi	Analysis Completion Date:	30/09/2025
(Name & Designation):	(Assistant General Manager- Environment)	Analysis Start Date:	23/09/2025
Sample collected by:	JMELPL Team	Receipt Date:	23/09/2025
Parameter Required:	As per work order	Sampling Date:	22/09/2025
Latitude:	--	Sampling Type:	Grab
Longitude:	--	Preservation:	Refrigerated
Sampling Protocol:	JMELPL/STOP/04	Packing Status:	Temporary Sealed
		Environmental Condition	Temp. 30°C; Clear Sky
		During Sampling:	Sky
		Sample Quantity:	Approx. 5.0 Litre

## TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11)	7.36	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4)	BDL (DL 1.0)	Hazen Unit	5	15
3.	Odour	IS:3025 (Part-5)	Agreeable	-	Agreeable	Agreeable
4.	Taste	IS:3025 (Part-8)	Agreeable	-	Agreeable	Agreeable
5.	Turbidity	IS:3025 (Part-10)	BDL (DL 1.0)	NTU	1	5
6.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	365.0	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40)	90.34	mg/l	75	200
8.	Magnesium	IS:3025 (Part-46)	33.95	mg/l	30	100
9.	Chloride as Cl	IS:3025 (Part-32)	40.52	mg/l	250	1000
10.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	274.0	mg/l	200	600
11.	Residual Chlorine	IS:3025 (Part-26)	BDL (DL 0.2)	mg/l	0.2	1.0
12.	Cyanide	IS:3025 (Part-27) sec 1	BDL (DL 0.02)	mg/l	0.05	No Relaxation
13.	Total Dissolved Solid	IS:3025 (Part-16)	480.0	mg/l	500	2000
14.	Sulphate as SO <sub>4</sub>	APHA 24th Edition, 4500-SO <sub>4</sub> -E	10.52	mg/l	200	400
15.	Fluoride as F	APHA 24th Edition, 4500-F- D	0.35	mg/l	1	1.5
16.	Nitrate Nitrogen as NO <sub>3</sub>	IS:3025 (Part-34) sec 1: Para 6.3, Cadmium reduction method	1.83	mg/l	45	No Relaxation
17.	Iron	IS:3025 (Part-53)	BDL (DL 0.02)	mg/l	1	No Relaxation

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Srishti Mehta

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CIN No.: U74220HR2011PTC085756



TC-6821

## TEST REPORT

Sample Number: JME/PJCL/W/07

Report No.: JME/W/250923007

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
18.	Phenols	APHA 24th Edition 5530-Phenol-D, Direct Photometric	BDL (DL 0.001)	mg/l	0.001	0.002
19.	Anionic Surfactant	APHA 24th Edition, 5540-C	BDL (DL 0.02)	mg/l	0.2	1
20.	Hexa Chromium as Cr6+	IS:3025 (Part-52)	BDL (DL 0.03)	mg/l	-	-
21.	Boron as B	IS:3025 (Part-57)	BDL (DL 0.2)	mg/l	0.5	2.4
22.	Aluminium	IS:3025 (Part-55)	BDL (DL 0.03)	mg/l	0.03	0.2
23.	Arsenic	IS:3025 (Part-37)	BDL (DL 0.002)	mg/l	0.01	No Relaxation
24.	Mercury	IS:3025 (Part-48)	BDL (DL 0.001)	mg/l	0.001	No Relaxation
25.	Selenium	IS:3025 (Part-56)	BDL (DL 0.005)	mg/l	0.01	No Relaxation
26.	Cadmium	IS:3025 (Part-41)	BDL (DL 0.002)	mg/l	0.003	No Relaxation
27.	Lead	IS:3025 (Part-47)	BDL (DL 0.008)	mg/l	0.01	No Relaxation
28.	Zinc	IS:3025 (Part-49)	BDL (DL 0.1)	mg/l	5	15
29.	Manganese	IS:3025 (Part-59)	BDL (DL 0.08)	mg/l	0.1	0.3
30.	Copper	IS:3025 (Part-42)	BDL (DL 0.02)	mg/l	0.05	1.5

Note: BDL- Below Detection Limit, DL- Detection Limit

Page No. 2 of 3

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TC-6821

## TEST REPORT

Sample Number:	JME/PJCL/W/07	Report No.:	JME/W/250923007
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.8 F-01
Sample Description:	Ground Water	Party Reference:	NIL
Sampling Location:	Mine Site office Hinauti Sijahata	Reporting Date:	30/09/2025
Client Representative (Name & Designation):	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Analysis Completion Date:	30/09/2025
Sample collected by:	JMELPL Team	Analysis Start Date:	23/09/2025
Parameter Required:	As per work order	Receipt Date:	23/09/2025
Latitude:	--	Sampling Date:	22/09/2025
Longitude:	--	Sampling Type:	Grab
Sampling Protocol:	JMELPL/STOP/04	Preservation:	Refrigerated
		Packing Status:	Temporary Sealed
		Environmental Condition	Temp. 30°C; Clear Sky
		During Sampling:	Sky
		Sample Quantity:	Approx. 250 ml

## TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012
1.	Total Coliform	IS: 15185	Absent	per 100ml	Shall not be detectable in any 100ml sample
2.	E-Coli	IS: 15185	Absent	per 100ml	Shall not be detectable in any 100ml sample

Page No. 3 of 3

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TC-6821

## TEST REPORT

Sample Number:	<b>JME/PJCLW/09</b>	Report No.:	<b>JME/W/250923009</b>
Name & Address of Unit:	<b>M/s. Prism Johnson Limited</b>	Format No.:	<b>7.8 F-01</b>
	<b>Limestones Mines</b>	Party Reference:	<b>NIL</b>
	<b>Area (772.067 ha, 99.416 ha, 253.326 ha &amp; 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna</b>	Reporting Date:	<b>30/09/2025</b>
	<b>Madhya Pradesh</b>	Analysis Completion Date:	<b>30/09/2025</b>
Sample Description:	<b>Ground Water</b>	Analysis Start Date:	<b>23/09/2025</b>
Sampling Location:	<b>Village Mankahari hand pump</b>	Receipt Date:	<b>23/09/2025</b>
Client Representative	<b>Mr. Sumitabh Dwivedi</b>	Sampling Date:	<b>22/09/2025</b>
(Name & Designation):	<b>(Assistant General Manager- Environment)</b>	Sampling Type:	<b>Grab</b>
Sample collected by:	<b>JMELPL Team</b>	Preservation:	<b>Refrigerated</b>
Parameter Required:	<b>As per work order</b>	Packing Status:	<b>Temporary Sealed</b>
Latitude:	<b>24° 33' 38" N</b>	Environmental Condition	<b>Temp. 30°C; Clear</b>
Longitude:	<b>81° 0' 3" E</b>	During Sampling:	<b>Sky</b>
Sampling Protocol:	<b>JMELPL/STOP/04</b>	Sample Quantity:	<b>Approx. 5.0 Litre</b>

## TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11)	7.62	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4)	BDL (DL 1.0)	Hazen Unit	5	15
3.	Odour	IS:3025 (Part-5)	Agreeable	-	Agreeable	Agreeable
4.	Taste	IS:3025 (Part-8)	Agreeable	-	Agreeable	Agreeable
5.	Turbidity	IS:3025 (Part-10)	BDL (DL 1.0)	NTU	1	5
6.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	952.0	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40)	174.0	mg/l	75	200
8.	Magnesium	IS:3025 (Part-46)	125.0	mg/l	30	100
9.	Chloride as Cl	IS:3025 (Part-32)	245.0	mg/l	250	1000
10.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	362.0	mg/l	200	600
11.	Residual Chlorine	IS:3025 (Part-26)	BDL (DL 0.2)	mg/l	0.2	1.0
12.	Cyanide	IS:3025 (Part-27) sec 1	BDL (DL 0.02)	mg/l	0.05	No Relaxation
13.	Total Dissolved Solid	IS:3025 (Part-16)	1376.0	mg/l	500	2000
14.	Sulphate as SO <sub>4</sub>	APHA 24th Edition, 4500-SO <sub>4</sub> -E	462.0	mg/l	200	400
15.	Fluoride as F	APHA 24th Edition, 4500-F- D	0.98	mg/l	1	1.5
16.	Nitrate Nitrogen as NO <sub>3</sub>	IS:3025 (Part-34) sec 1: Para 6.3, Cadmium reduction method	6.82	mg/l	45	No Relaxation
17.	Iron	IS:3025 (Part-53)	0.40	mg/l	1	No Relaxation

*Srishti*  
Checked by  
**Srishti Mehta**

Page No. 1 of 3  
  
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TC-6821

## TEST REPORT

Sample Number: JME/PJCL/W/09

Report No.: JME/W/250923009

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
18.	Phenols	APHA 24th Edition 5530-Phenol-D, Direct Photometric	BDL (DL 0.001)	mg/l	0.001	0.002
19.	Anionic Surfactant	APHA 24th Edition, 5540-C	BDL (DL 0.02)	mg/l	0.2	1
20.	Hexa Chromium as Cr6+	IS:3025 (Part-52)	BDL (DL 0.03)	mg/l	-	-
21.	Boron as B	IS:3025 (Part-57)	BDL (DL 0.2)	mg/l	0.5	2.4
22.	Aluminium	IS:3025 (Part-55)	BDL (DL 0.03)	mg/l	0.03	0.2
23.	Arsenic	IS:3025 (Part-37)	BDL (DL 0.002)	mg/l	0.01	No Relaxation
24.	Mercury	IS:3025 (Part-48)	BDL (DL 0.001)	mg/l	0.001	No Relaxation
25.	Selenium	IS:3025 (Part-56)	BDL (DL 0.005)	mg/l	0.01	No Relaxation
26.	Cadmium	IS:3025 (Part-41)	BDL (DL 0.002)	mg/l	0.003	No Relaxation
27.	Lead	IS:3025 (Part-47)	BDL (DL 0.008)	mg/l	0.01	No Relaxation
28.	Zinc	IS:3025 (Part-49)	BDL (DL 0.1)	mg/l	5	15
29.	Manganese	IS:3025 (Part-59)	BDL (DL 0.08)	mg/l	0.1	0.3
30.	Copper	IS:3025 (Part-42)	BDL (DL 0.02)	mg/l	0.05	1.5

Note: BDL- Below Detection Limit, DL- Detection Limit

Page No. 2 of 3

*Srishti*  
Checked by  
Srishti Mehta



Reviewed & Authorized by  
Pallavi Verma

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# J.M. ENVIROLAB PVT. LTD.

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TC-6821

## TEST REPORT

Sample Number:	JME/PJCL/W/09	Report No.:	JME/W/250923009
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.8 F-01
		Party Reference:	NIL
Sample Description:	Ground Water	Reporting Date:	30/09/2025
Sampling Location:	Village Mankahari hand pump	Analysis Completion Date:	30/09/2025
Client Representative (Name & Designation):	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Analysis Start Date:	23/09/2025
Sample collected by:	JMELPL Team	Receipt Date:	23/09/2025
Parameter Required:	As per work order	Sampling Date:	22/09/2025
Latitude:	24° 33' 38" N	Sampling Type:	Grab
Longitude:	81° 0' 3" E	Preservation:	Refrigerated
Sampling Protocol:	JMELPL/STOP/04	Packing Status:	Temporary Sealed
		Environmental Condition	Temp. 30°C; Clear Sky
		During Sampling:	Sky
		Sample Quantity:	Approx. 250 ml

## TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012
1.	Total Coliform	IS: 15185	Absent	per 100ml	Shall not be detectable in any 100ml sample
2.	E-Coli	IS: 15185	Absent	per 100ml	Shall not be detectable in any 100ml sample

Page No. 3 of 3

Checked by  
vineet Kumar

Reviewed & Authorized by  
Rumari Bhumika

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# J.M. ENVIROLAB PVT. LTD.

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CIN No.: U74220HR2011PTC085756



TC-6821

## TEST REPORT

Sample Number:	JME/PJCL/W/15	Report No.:	JME/W/250923015
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.8 F-01
		Party Reference:	NIL
		Reporting Date:	30/09/2025
		Analysis Completion Date:	30/09/2025
Sample Description:	Ground Water	Analysis Start Date:	23/09/2025
Sampling Location:	Prism LS Mine Drinking Ground Water (Site office)	Receipt Date:	23/09/2025
Client Representative (Name & Designation):	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Sampling Date:	22/09/2025
Sample collected by:	JMELPL Team	Sampling Type:	Grab
Parameter Required:	As per work order	Preservation:	Refrigerated
Latitude:	24° 34' 33" N	Packing Status:	Temporary Sealed
Longitude:	81° 59' 51" E	Environmental Condition During Sampling:	Temp. 30°C; Clear Sky
Sampling Protocol:	JMELPL/STOP/04	Sample Quantity:	Approx. 5.0 Litre

## TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11)	7.62	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4)	BDL (DL 1.0)	Hazen Unit	5	15
3.	Odour	IS:3025 (Part-5)	Agreeable	-	Agreeable	Agreeable
4.	Taste	IS:3025 (Part-8)	Agreeable	-	Agreeable	Agreeable
5.	Turbidity	IS:3025 (Part-10)	BDL (DL 1.0)	NTU	1	5
6.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	452.0	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40)	119.0	mg/l	75	200
8.	Magnesium	IS:3025 (Part-46)	37.72	mg/l	30	100
9.	Chloride as Cl	IS:3025 (Part-32)	60.28	mg/l	250	1000
10.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	274.0	mg/l	200	600
11.	Residual Chlorine	IS:3025 (Part-26)	BDL (DL 0.2)	mg/l	0.2	1.0
12.	Cyanide	IS:3025 (Part-27) sec 1	BDL (DL 0.02)	mg/l	0.05	No Relaxation
13.	Total Dissolved Solid	IS:3025 (Part-16)	658.0	mg/l	500	2000
14.	Sulphate as SO <sub>4</sub>	APHA 24th Edition, 4500-SO <sub>4</sub> -E	103.0	mg/l	200	400
15.	Fluoride as F	APHA 24th Edition, 4500-F- D	0.62	mg/l	1	1.5
16.	Nitrate Nitrogen as NO <sub>3</sub>	IS:3025 (Part-34) sec 1: Para 6.3, Cadmium reduction method	1.04	mg/l	45	No Relaxation
17.	Iron	IS:3025 (Part-53)	0.15	mg/l	1	No Relaxation

Page No. 1 of 3

*Srishti*  
Checked by  
Srishti Menta



Reviewed & Authorized by  
Pallavi Verma

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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC086766



TC-6821

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## TEST REPORT

Sample Number: JME/PJCL/W/15

Report No.: JME/W/250923015

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
18.	Phenols	APHA 24th Edition 5530-Phenol-D, Direct Photometric	BDL (DL 0.001)	mg/l	0.001	0.002
19.	Anionic Surfactant	APHA 24th Edition, 5540-C	BDL (DL 0.02)	mg/l	0.2	1
20.	Hexa Chromium as Cr6+	IS:3025 (Part-52)	BDL (DL 0.03)	mg/l	-	-
21.	Boron as B	IS:3025 (Part-57)	BDL (DL 0.2)	mg/l	0.5	2.4
22.	Aluminium	IS:3025 (Part-55)	BDL (DL 0.03)	mg/l	0.03	0.2
23.	Arsenic	IS:3025 (Part-37)	BDL (DL 0.002)	mg/l	0.01	No Relaxation
24.	Mercury	IS:3025 (Part-48)	BDL (DL 0.001)	mg/l	0.001	No Relaxation
25.	Selenium	IS:3025 (Part-56)	BDL (DL 0.005)	mg/l	0.01	No Relaxation
26.	Cadmium	IS:3025 (Part-41)	BDL (DL 0.002)	mg/l	0.003	No Relaxation
27.	Lead	IS:3025 (Part-47)	BDL (DL 0.008)	mg/l	0.01	No Relaxation
28.	Zinc	IS:3025 (Part-49)	BDL (DL 0.1)	mg/l	5	15
29.	Manganese	IS:3025 (Part-59)	BDL (DL 0.08)	mg/l	0.1	0.3
30.	Copper	IS:3025 (Part-42)	BDL (DL 0.02)	mg/l	0.05	1.5

Note: BDL- Below Detection Limit, DL- Detection Limit

Page No. 2 of 3

*Srishti*  
Checked by  
Srishti Mehta

*Pallavi*  
Reviewed & Authorized by  
Pallavi Verma

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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC065756



TC-6821

30 years of success Recognized by CPCB under EP Act-1986, Certified by ISO-9001:2015, 14001:2015 & 45001:2018

## TEST REPORT

Sample Number:	JME/PJCL/W/15	Report No.:	JME/W/250923015
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.8 F-01
		Party Reference:	NIL
		Reporting Date:	30/09/2025
		Analysis Completion Date:	30/09/2025
Sample Description:	Ground Water	Analysis Start Date:	23/09/2025
Sampling Location:	Prism LS Mine Drinking Ground Water (Site office)	Receipt Date:	23/09/2025
Client Representative (Name & Designation):	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Sampling Date:	22/09/2025
Sample collected by:	JMELPL Team	Sampling Type:	Grab
Parameter Required:	As per work order	Preservation:	Refrigerated
Latitude:	24° 34' 33" N	Packing Status:	Temporary Sealed
Longitude:	81° 59' 51" E	Environmental Condition During Sampling:	Temp. 30°C; Clear Sky
Sampling Protocol:	JMELPL/STOP/04	Sample Quantity:	Approx. 250 ml

## TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012
1.	Total Coliform	IS: 15185	Absent	per 100ml	Shall not be detectable in any 100ml sample
2.	E-Coli	IS: 15185	Absent	per 100ml	Shall not be detectable in any 100ml sample

Page No. 3 of 3

Checked by  
Vineet Kumar

Reviewed & Authorized by  
Kumari Bhumika

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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

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## TEST REPORT

Sample Number: **JME/PJCL/SW/02**  
 Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772 ha, 99 ha, 253 ha & 66 ha)**  
**Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh**  
 Sample Description: **Surface Water**  
 Sampling Location: **Western Block Pit**  
 Client Representative: **Mr. Sumitabh Dwivedi**  
 (Name & Designation): **(Assistant General Manager- Environment)**  
 Sample collected by: **JMELPL Team**  
 Parameter Required: **As per work order**  
 Latitude: **24° 35' 10" N**  
 Longitude: **80° 59' 26" E**  
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/W/250616002**  
 Format No.: **7.8 F-01**  
 Party Reference: **NIL**  
 Reporting Date: **20/06/2025**  
 Analysis Completion Date: **20/06/2025**  
 Analysis Start Date: **16/06/2025**  
 Receipt Date: **16/06/2025**  
 Sampling Date: **14/06/2025**  
 Sampling Type: **Grab**  
 Preservation: **Refrigerated**  
 Packing Status: **Temporary Sealed**  
 Environmental Condition: **Temp. 40°C; Cloudy Sky**  
 During Sampling: **Sky**  
 Sample Quantity: **Approx. 5.0 Litre**

## TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.62
2.	Colour	IS:3025 (Part-4)	Hazen	BDL (DL 1.0)
3.	Turbidity	IS:3025 (Part-10)	NTU	BDL (DL 1.0)
4.	Odour	IS:3025 (Part-5)	-	Agreeable
5.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	mg/l	345.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	65.22
7.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	mg/l	106.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	50.82
9.	Residual Free Chlorine	IS:3025 (Part-26)	mg/l	BDL (DL 0.2)
10.	Cyanide	IS:3025 (Part-27)	mg/l	BDL (DL 0.02)
11.	Magnesium as Mg	IS:3025 (Part-46)	mg/l	44.33
12.	Total Dissolved Solids	IS:3025 (Part-16)	mg/l	672.0
13.	Sulphate as SO <sub>4</sub>	APHA 23rd Edition, 4500-SO <sub>4</sub> -C/D/E	mg/l	185.0
14.	Fluoride as F	APHA 23rd Edition, 4500-F- D	mg/l	0.75
15.	Nitrate as NO <sub>3</sub>	IS:3025 (Part-34)	mg/l	0.62
16.	Iron as Fe	IS:3025 (Part-53)	mg/l	0.03
17.	Aluminium	IS:3025 (Part-55)	mg/l	BDL (DL 0.03)
18.	Boron	IS:3025 (Part-57)	mg/l	BDL (DL 0.20)
19.	Phenolic Compounds	APHA 23rd edition 5540-Phenol-C/D	mg/l	BDL (DL 0.001)
20.	Anionic Detergents as MBAS	APHA 23rd Edition, 5540-C	mg/l	BDL (DL 0.02)
21.	Hexa Chromium as Cr+6	IS:3025 (Part-52)	mg/l	BDL (DL 0.03)
22.	Zinc as Zn	IS:3025 (Part-49)	mg/l	BDL (DL 0.0005)
23.	Copper as Cu	IS:3025 (Part-42)	mg/l	BDL (DL 0.02)

Checked by  
**Abhishek Thwari**

Reviewed & Authorized by  
**Rajkumar Yadav**

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TC-6821

## TEST REPORT

Sample Number: **JME/PJCL/SW/02**Report No.: **JME/SW/250616002**

S. No.	Parameters	Testing Protocol	Unit	Result
24.	Manganese as Mn	IS:3025 (Part-59)	mg/l	BDL (DL 0.01)
25.	Lead as Pb	IS:3025 (Part-47)	mg/l	BDL (DL 0.008)
26.	Selenium as Se	IS:3025 (Part-56)	mg/l	BDL (DL 0.005)
27.	Arsenic as As	IS:3025 (Part-37)	mg/l	BDL (DL 0.002)
28.	Mercury as Hg	IS:3025 (Part-48)	mg/l	BDL (DL 0.001)
29.	Phosphate as Po4	APHA 23rd Edition, 4500-P-C/D	mg/l	BDL (DL 0.02)
30.	Total Suspended Solid	IS:3025 (Part-17)	mg/l	BDL (DL 1.0)
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	BDL (DL 1.0)
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	3.0
33.	Sodium as Na	IS:3025 (Part-45)	mg/l	42.0
34.	Potassium as K	IS:3025 (Part-45)	mg/l	3.0
35.	Conductivity	IS:3025 (Part-14)	µs/cm	1035.0
36.	Nickel as Ni	IS:3025 (Part-54)	mg/l	BDL (DL 0.005)
37.	Dissolve Oxygen	IS:3025 (Part-54)	mg/l	7.6

Note: BDL – Below Detection Limit, DL - Detection Limit

Page 2 of 2

  
**Checked by**  
**Abhishek Thwari**



**Reviewed & Authorized by**  
**Rajkumar Yadav**

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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

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## TEST REPORT

Sample Number: **JME/PJCL/SW/05**  
 Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772 ha, 99 ha, 253 ha & 66 ha)**  
**Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh**  
 Sample Description: **Surface Water**  
 Sampling Location: **Hinouti Sijahata Mines Reservoir**  
 Client Representative: **Mr. Sumitabh Dwivedi**  
 (Name & Designation): **(Assistant General Manager- Environment)**  
 Sample collected by: **JMELPL Team**  
 Parameter Required: **As per work order**  
 Latitude: **24° 35' 5" N**  
 Longitude: **81° 0' 48" E**  
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/W/250616005**  
 Format No.: **7.8 F-01**  
 Party Reference: **NIL**  
 Reporting Date: **20/06/2025**  
 Analysis Completion Date: **20/06/2025**  
 Analysis Start Date: **16/06/2025**  
 Receipt Date: **16/06/2025**  
 Sampling Date: **14/06/2025**  
 Sampling Type: **Grab**  
 Preservation: **Refrigerated**  
 Packing Status: **Temporary Sealed**  
 Environmental Condition: **Temp. 40°C; Cloudy Sky**  
 During Sampling: **Sky**  
 Sample Quantity: **Approx. 5.0 Litre**

## TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.68
2.	Colour	IS:3025 (Part-4)	Hazen	BDL (DL 1.0)
3.	Turbidity	IS:3025 (Part-10)	NTU	BDL (DL 1.0)
4.	Odour	IS:3025 (Part-5)	-	Agreeable
5.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	mg/l	261.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	35.29
7.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	mg/l	101.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	42.06
9.	Residual Free Chlorine	IS:3025 (Part-26)	mg/l	BDL (DL 0.2)
10.	Cyanide	IS:3025 (Part-27)	mg/l	BDL (DL 0.02)
11.	Magnesium as Mg	IS:3025 (Part-46)	mg/l	35.66
12.	Total Dissolved Solids	IS:3025 (Part-16)	mg/l	393.0
13.	Sulphate as SO <sub>4</sub>	APHA 23rd Edition, 4500-SO <sub>4</sub> -C/D/E	mg/l	92.52
14.	Fluoride as F	APHA 23rd Edition, 4500-F- D	mg/l	0.65
15.	Nitrate as NO <sub>3</sub>	IS:3025 (Part-34)	mg/l	1.24
16.	Iron as Fe	IS:3025 (Part-53)	mg/l	0.06
17.	Aluminium	IS:3025 (Part-55)	mg/l	BDL (DL 0.03)
18.	Boron	IS:3025 (Part-57)	mg/l	BDL (DL 0.20)
19.	Phenolic Compounds	APHA 23rd edition 5540-Phenol-C/D	mg/l	BDL (DL 0.001)
20.	Anionic Detergents as MBAS	APHA 23rd Edition, 5540-C	mg/l	BDL (DL 0.02)
21.	Hexa Chromium as Cr+6	IS:3025 (Part-52)	mg/l	BDL (DL 0.03)
22.	Zinc as Zn	IS:3025 (Part-49)	mg/l	BDL (DL 0.0005)
23.	Copper as Cu	IS:3025 (Part-42)	mg/l	BDL (DL 0.02)

Checked by  
**Abhishek Tiwari**

Page 1 of 2  
  
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**Rajkumar Yadav**

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### Reg. Office & Lab.

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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

30 years of success Recognized by CPCB under EP Act-1986, Certified by ISO-9001:2015, 14001:2015 & 45001:2018

## TEST REPORT

Sample Number: **JME/PJCL/SW/05**Report No.: **JME/SW/250616005**

S. No.	Parameters	Testing Protocol	Unit	Result
24.	Manganese as Mn	IS:3025 (Part-59)	mg/l	BDL (DL 0.01)
25.	Lead as Pb	IS:3025 (Part-47)	mg/l	BDL (DL 0.008)
26.	Selenium as Se	IS:3025 (Part-56)	mg/l	BDL (DL 0.005)
27.	Arsenic as As	IS:3025 (Part-37)	mg/l	BDL (DL 0.002)
28.	Mercury as Hg	IS:3025 (Part-48)	mg/l	BDL (DL 0.001)
29.	Phosphate as Po4	APHA 23rd Edition, 4500-P-C/D	mg/l	BDL (DL 0.02)
30.	Total Suspended Solid	IS:3025 (Part-17)	mg/l	3.6
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	4.3
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	15.0
33.	Sodium as Na	IS:3025 (Part-45)	mg/l	35.0
34.	Potassium as K	IS:3025 (Part-45)	mg/l	2.0
35.	Conductivity	IS:3025 (Part-14)	µs/cm	605.0
36.	Nickel as Ni	IS:3025 (Part-54)	mg/l	BDL (DL 0.005)
37.	Dissolve Oxygen	IS:3025 (Part-54)	mg/l	7.3

Note: BDL – Below Detection Limit, DL - Detection Limit

Page 2 of 2

*Abhishek Thwari*  
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Abhishek Thwari



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CIN No. :U74220HR2011PTC085756



TC-6821

30 years of success Recognized by CPCB under EP Act-1986, Certified by ISO-9001:2015, 14001:2015 &amp; 45001:2018

## TEST REPORT

Sample Number: **JME/PJCL/SW/06**  
 Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772 ha, 99 ha, 253 ha & 66 ha)**  
**Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh**  
 Sample Description: **Surface Water**  
 Sampling Location: **Prism LS Mines - 253.326 ha ML - Discharge Water**  
 Client Representative (Name & Designation): **Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**  
 Sample collected by: **JMELPL Team**  
 Parameter Required: **As per work order**  
 Latitude: **24° 35' 5" N**  
 Longitude: **81° 0' 48" E**  
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/W/250616006**  
 Format No.: **7.8 F-01**  
 Party Reference: **NIL**  
 Reporting Date: **20/06/2025**  
 Analysis Completion Date: **20/06/2025**  
 Analysis Start Date: **16/06/2025**  
 Receipt Date: **16/06/2025**  
 Sampling Date: **14/06/2025**  
 Sampling Type: **Grab**  
 Preservation: **Refrigerated**  
 Packing Status: **Temporary Sealed**  
 Environmental Condition During Sampling: **Temp. 40°C; Cloudy Sky**  
 Sample Quantity: **Approx. 5.0 Litre**

## TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.35
2.	Colour	IS:3025 (Part-4)	Hazen	BDL (DL 1.0)
3.	Turbidity	IS:3025 (Part-10)	NTU	BDL (DL 1.0)
4.	Odour	IS:3025 (Part-5)	-	Agreeable
5.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	mg/l	438.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	101.0
7.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	mg/l	155.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	46.82
9.	Residual Free Chlorine	IS:3025 (Part-26)	mg/l	BDL (DL 0.2)
10.	Cyanide	IS:3025 (Part-27)	mg/l	BDL (DL 0.02)
11.	Magnesium as Mg	IS:3025 (Part-46)	mg/l	45.38
12.	Total Dissolved Solids	IS:3025 (Part-16)	mg/l	718.0
13.	Sulphate as SO <sub>4</sub>	APHA 23rd Edition, 4500-SO <sub>4</sub> -C/D/E	mg/l	182.0
14.	Fluoride as F	APHA 23rd Edition, 4500-F- D	mg/l	0.86
15.	Nitrate as NO <sub>3</sub>	IS:3025 (Part-34)	mg/l	1.72
16.	Iron as Fe	IS:3025 (Part-53)	mg/l	0.06
17.	Aluminium	IS:3025 (Part-55)	mg/l	BDL (DL 0.03)
18.	Boron	IS:3025 (Part-57)	mg/l	BDL (DL 0.20)
19.	Phenolic Compounds	APHA 23rd edition 5540-Phenol-C/D	mg/l	BDL (DL 0.001)
20.	Anionic Detergents as MBAS	APHA 23rd Edition, 5540-C	mg/l	BDL (DL 0.02)
21.	Hexa Chromium as Cr+6	IS:3025 (Part-52)	mg/l	BDL (DL 0.03)
22.	Zinc as Zn	IS:3025 (Part-49)	mg/l	BDL (DL 0.0005)
23.	Copper as Cu	IS:3025 (Part-42)	mg/l	BDL (DL 0.02)

Checked by  
**Abhishek Tiwari**

Page 1 of 2  
  
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**Raikumar Yadav**

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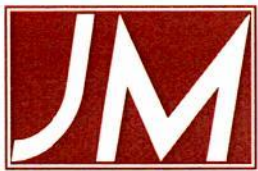
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TC-6821

## TEST REPORT

Sample Number: **JME/PJCL/SW/06**Report No.: **JME/SW/250616006**

S. No.	Parameters	Testing Protocol	Unit	Result
24.	Manganese as Mn	IS:3025 (Part-59)	mg/l	BDL (DL 0.01)
25.	Lead as Pb	IS:3025 (Part-47)	mg/l	BDL (DL 0.008)
26.	Selenium as Se	IS:3025 (Part-56)	mg/l	BDL (DL 0.005)
27.	Arsenic as As	IS:3025 (Part-37)	mg/l	BDL (DL 0.002)
28.	Mercury as Hg	IS:3025 (Part-48)	mg/l	BDL (DL 0.001)
29.	Phosphate as Po4	APHA 23rd Edition, 4500-P-C/D	mg/l	BDL (DL 0.02)
30.	Total Suspended Solid	IS:3025 (Part-17)	mg/l	5.2
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	2.9
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	10.0
33.	Sodium as Na	IS:3025 (Part-45)	mg/l	41.0
34.	Potassium as K	IS:3025 (Part-45)	mg/l	2.0
35.	Conductivity	IS:3025 (Part-14)	μs/cm	1106.0
36.	Nickel as Ni	IS:3025 (Part-54)	mg/l	BDL (DL 0.005)
37.	Dissolve Oxygen	IS:3025 (Part-54)	mg/l	8.2

Note: BDL – Below Detection Limit, DL - Detection Limit

Page 2 of 2

*Abhishek Thwari*  
**Checked by**  
**Abhishek Thwari**



**Reviewed & Authorized by**  
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TC-6821

## TEST REPORT

Sample Number: **JME/PJCL/SW/07**  
 Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772 ha, 99 ha, 253 ha & 66 ha)**  
**Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh**  
 Sample Description: **Surface Water**  
 Sampling Location: **Prism LS Mines 253.326 ha Pit Water**  
 Client Representative (Name & Designation): **Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**  
 Sample collected by: **JMELPL Team**  
 Parameter Required: **As per work order**  
 Latitude: **24° 34' 14" N**  
 Longitude: **80° 59' 37" E**  
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/W/250616007**  
 Format No.: **7.8 F-01**  
 Party Reference: **NIL**  
 Reporting Date: **20/06/2025**  
 Analysis Completion Date: **20/06/2025**  
 Analysis Start Date: **16/06/2025**  
 Receipt Date: **16/06/2025**  
 Sampling Date: **14/06/2025**  
 Sampling Type: **Grab**  
 Preservation: **Refrigerated**  
 Packing Status: **Temporary Sealed**  
 Environmental Condition During Sampling: **Temp. 40°C; Cloudy Sky**  
 Sample Quantity: **Approx. 5.0 Litre**

## TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.56
2.	Colour	IS:3025 (Part-4)	Hazen	BDL (DL 1.0)
3.	Turbidity	IS:3025 (Part-10)	NTU	BDL (DL 1.0)
4.	Odour	IS:3025 (Part-5)	-	Agreeable
5.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	mg/l	465.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	132.0
7.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	mg/l	152.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	45.82
9.	Residual Free Chlorine	IS:3025 (Part-26)	mg/l	BDL (DL 0.2)
10.	Cyanide	IS:3025 (Part-27)	mg/l	BDL (DL 0.02)
11.	Magnesium as Mg	IS:3025 (Part-46)	mg/l	32.99
12.	Total Dissolved Solids	IS:3025 (Part-16)	mg/l	780.0
13.	Sulphate as SO <sub>4</sub>	APHA 23rd Edition, 4500-SO <sub>4</sub> -C/D/E	mg/l	324.0
14.	Fluoride as F	APHA 23rd Edition, 4500-F- D	mg/l	0.95
15.	Nitrate as NO <sub>3</sub>	IS:3025 (Part-34)	mg/l	2.11
16.	Iron as Fe	IS:3025 (Part-53)	mg/l	0.09
17.	Aluminium	IS:3025 (Part-55)	mg/l	BDL (DL 0.03)
18.	Boron	IS:3025 (Part-57)	mg/l	BDL (DL 0.20)
19.	Phenolic Compounds	APHA 23rd edition 5540-Phenol-C/D	mg/l	BDL (DL 0.001)
20.	Anionic Detergents as MBAS	APHA 23rd Edition, 5540-C	mg/l	BDL (DL 0.02)
21.	Hexa Chromium as Cr+6	IS:3025 (Part-52)	mg/l	BDL (DL 0.03)
22.	Zinc as Zn	IS:3025 (Part-49)	mg/l	BDL (DL 0.0005)
23.	Copper as Cu	IS:3025 (Part-42)	mg/l	BDL (DL 0.02)

Page 1 of 2

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TC-6821

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## TEST REPORT

Sample Number: **JME/PJCL/SW/07**Report No.: **JME/SW/250616007**

S. No.	Parameters	Testing Protocol	Unit	Result
24.	Manganese as Mn	IS:3025 (Part-59)	mg/l	BDL (DL 0.01)
25.	Lead as Pb	IS:3025 (Part-47)	mg/l	BDL (DL 0.008)
26.	Selenium as Se	IS:3025 (Part-56)	mg/l	BDL (DL 0.005)
27.	Arsenic as As	IS:3025 (Part-37)	mg/l	BDL (DL 0.002)
28.	Mercury as Hg	IS:3025 (Part-48)	mg/l	BDL (DL 0.001)
29.	Phosphate as Po <sub>4</sub>	APHA 23rd Edition, 4500-P-C/D	mg/l	BDL (DL 0.02)
30.	Total Suspended Solid	IS:3025 (Part-17)	mg/l	5.2
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	1.7
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	6.0
33.	Sodium as Na	IS:3025 (Part-45)	mg/l	55.0
34.	Potassium as K	IS:3025 (Part-45)	mg/l	6.0
35.	Conductivity	IS:3025 (Part-14)	µs/cm	1201.0
36.	Nickel as Ni	IS:3025 (Part-54)	mg/l	BDL (DL 0.005)
37.	Dissolve Oxygen	IS:3025 (Part-54)	mg/l	7.2

Note: BDL – Below Detection Limit, DL - Detection Limit

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## TEST REPORT

Sample Number: **JME/PJCL/SW/01**  
 Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772 ha, 99 ha, 253 ha & 66 ha)**  
**Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh**  
 Sample Description: **Surface Water**  
 Sampling Location: **Mankahari Mines Area 66.434 Ha - Discharge Water**  
 Client Representative (Name & Designation): **Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**  
 Sample collected by: **JMELPL Team**  
 Parameter Required: **As per work order**  
 Latitude: **--**  
 Longitude: **--**  
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/W/250616001**  
 Format No.: **7.8 F-01**  
 Party Reference: **NIL**  
 Reporting Date: **20/06/2025**  
 Analysis Completion Date: **20/06/2025**  
 Analysis Start Date: **16/06/2025**  
 Receipt Date: **16/06/2025**  
 Sampling Date: **14/06/2025**  
 Sampling Type: **Grab**  
 Preservation: **Refrigerated**  
 Packing Status: **Temporary Sealed**  
 Environmental Condition During Sampling: **Temp. 40°C; Cloudy Sky**  
 Sample Quantity: **Approx. 5.0 Litre**

## TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.86
2.	Colour	IS:3025 (Part-4)	Hazen	BDL (DL 1.0)
3.	Turbidity	IS:3025 (Part-10)	NTU	BDL (DL 1.0)
4.	Odour	IS:3025 (Part-5)	-	Agreeable
5.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	mg/l	456.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	119.0
7.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	mg/l	255.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	70.26
9.	Residual Free Chlorine	IS:3025 (Part-26)	mg/l	BDL (DL 0.2)
10.	Cyanide	IS:3025 (Part-27)	mg/l	BDL (DL 0.02)
11.	Magnesium as Mg	IS:3025 (Part-46)	mg/l	38.69
12.	Total Dissolved Solids	IS:3025 (Part-16)	mg/l	770.0
13.	Sulphate as SO <sub>4</sub>	APHA 23rd Edition, 4500-SO <sub>4</sub> -C/D/E	mg/l	225.0
14.	Fluoride as F	APHA 23rd Edition, 4500-F- D	mg/l	0.91
15.	Nitrate as NO <sub>3</sub>	IS:3025 (Part-34)	mg/l	2.02
16.	Iron as Fe	IS:3025 (Part-53)	mg/l	0.03
17.	Aluminium	IS:3025 (Part-55)	mg/l	BDL (DL 0.03)
18.	Boron	IS:3025 (Part-57)	mg/l	BDL (DL 0.20)
19.	Phenolic Compounds	APHA 23rd edition 5540-Phenol-C/D	mg/l	BDL (DL 0.001)
20.	Anionic Detergents as MBAS	APHA 23rd Edition, 5540-C	mg/l	BDL (DL 0.02)
21.	Hexa Chromium as Cr+6	IS:3025 (Part-52)	mg/l	BDL (DL 0.03)
22.	Zinc as Zn	IS:3025 (Part-49)	mg/l	BDL (DL 0.0005)
23.	Copper as Cu	IS:3025 (Part-42)	mg/l	BDL (DL 0.02)

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Reviewed & Authorized by  
Raj Kumar Yadav

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TC-6821

## TEST REPORT

Sample Number: **JME/PJCL/SW/01**

Report No.: **JME/SW/250616001**

S. No.	Parameters	Testing Protocol	Unit	Result
24.	Manganese as Mn	IS:3025 (Part-59)	mg/l	BDL (DL 0.01)
25.	Lead as Pb	IS:3025 (Part-47)	mg/l	BDL (DL 0.008)
26.	Selenium as Se	IS:3025 (Part-56)	mg/l	BDL (DL 0.005)
27.	Arsenic as As	IS:3025 (Part-37)	mg/l	BDL (DL 0.002)
28.	Mercury as Hg	IS:3025 (Part-48)	mg/l	BDL (DL 0.001)
29.	Phosphate as Po4	APHA 23rd Edition, 4500-P-C/D	mg/l	BDL (DL 0.02)
30.	Total Suspended Solid	IS:3025 (Part-17)	mg/l	5.2
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	5.8
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	20.0
33.	Sodium as Na	IS:3025 (Part-45)	mg/l	45.0
34.	Potassium as K	IS:3025 (Part-45)	mg/l	3.0
35.	Conductivity	IS:3025 (Part-14)	µs/cm	1185.0
36.	Nickel as Ni	IS:3025 (Part-54)	mg/l	BDL (DL 0.005)
37.	Dissolve Oxygen	IS:3025 (Part-54)	mg/l	7.5

Note: BDL – Below Detection Limit, DL - Detection Limit

Page 2 of 2

Checked by  
Abhishek Tiwari

Reviewed & Authorized by  
Rajkumar Yadav

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**Corporate Office**

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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC065756



TC-6821

30 years of success Recognized by CPCB under EP Act-1986, Certified by ISO-9001:2015, 14001:2015 &amp; 45001:2018

## TEST REPORT

Sample Number: **JME/PJCL/SW/02**  
 Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772 ha, 99 ha, 253 ha & 66 ha)**  
**Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh**  
 Sample Description: **Surface Water**  
 Sampling Location: **Hinauti Sijahata Mines Area 772.067 Ha - Discharge Water**  
 Client Representative: **Mr. Sumitabh Dwivedi**  
 (Name & Designation): **(Assistant General Manager- Environment)**  
 Sample collected by: **JMELPL Team**  
 Parameter Required: **As per work order**  
 Latitude: **--**  
 Longitude: **--**  
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/W/250616002**  
 Format No.: **7.8 F-01**  
 Party Reference: **NIL**  
 Reporting Date: **20/06/2025**  
 Analysis Completion Date: **20/06/2025**  
 Analysis Start Date: **16/06/2025**  
 Receipt Date: **16/06/2025**  
 Sampling Date: **14/06/2025**  
 Sampling Type: **Grab**  
 Preservation: **Refrigerated**  
 Packing Status: **Temporary Sealed**  
 Environmental Condition: **Temp. 40°C;**  
 During Sampling: **Cloudy Sky**  
 Sample Quantity: **Approx. 5.0 Litre**

## TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.65
2.	Colour	IS:3025 (Part-4)	Hazen	BDL (DL 1.0)
3.	Turbidity	IS:3025 (Part-10)	NTU	BDL (DL 1.0)
4.	Odour	IS:3025 (Part-5)	-	Agreeable
5.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	mg/l	451.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	112.0
7.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	mg/l	261.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	52.64
9.	Residual Free Chlorine	IS:3025 (Part-26)	mg/l	BDL (DL 0.2)
10.	Cyanide	IS:3025 (Part-27)	mg/l	BDL (DL 0.02)
11.	Magnesium as Mg	IS:3025 (Part-46)	mg/l	41.72
12.	Total Dissolved Solids	IS:3025 (Part-16)	mg/l	716.0
13.	Sulphate as SO <sub>4</sub>	APHA 23rd Edition, 4500-SO <sub>4</sub> -C/D/E	mg/l	203.0
14.	Fluoride as F	APHA 23rd Edition, 4500-F- D	mg/l	0.81
15.	Nitrate as NO <sub>3</sub>	IS:3025 (Part-34)	mg/l	1.22
16.	Iron as Fe	IS:3025 (Part-53)	mg/l	0.06
17.	Aluminium	IS:3025 (Part-55)	mg/l	BDL (DL 0.03)
18.	Boron	IS:3025 (Part-57)	mg/l	BDL (DL 0.20)
19.	Phenolic Compounds	APHA 23rd edition 5540-Phenol-C/D	mg/l	BDL (DL 0.001)
20.	Anionic Detergents as MBAS	APHA 23rd Edition, 5540-C	mg/l	BDL (DL 0.02)
21.	Hexa Chromium as Cr+6	IS:3025 (Part-52)	mg/l	BDL (DL 0.03)
22.	Zinc as Zn	IS:3025 (Part-49)	mg/l	BDL (DL 0.0005)
23.	Copper as Cu	IS:3025 (Part-42)	mg/l	BDL (DL 0.02)

Page 1 of 2

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Abhishek Tiwari

Reviewed & Authorized by  
Raj Kumar Yadav

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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

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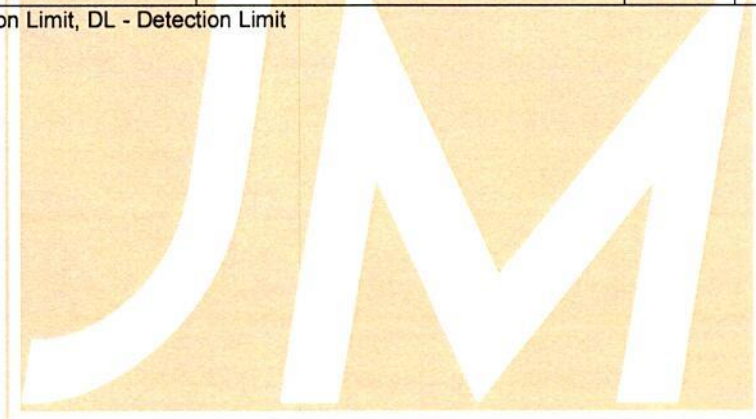
## TEST REPORT

Sample Number: **JME/PJCL/SW/02**Report No.: **JME/SW/250616002**

S. No.	Parameters	Testing Protocol	Unit	Result
24.	Manganese as Mn	IS:3025 (Part-59)	mg/l	BDL (DL 0.01)
25.	Lead as Pb	IS:3025 (Part-47)	mg/l	BDL (DL 0.008)
26.	Selenium as Se	IS:3025 (Part-56)	mg/l	BDL (DL 0.005)
27.	Arsenic as As	IS:3025 (Part-37)	mg/l	BDL (DL 0.002)
28.	Mercury as Hg	IS:3025 (Part-48)	mg/l	BDL (DL 0.001)
29.	Phosphate as Po4	APHA 23rd Edition, 4500-P-C/D	mg/l	BDL (DL 0.02)
30.	Total Suspended Solid	IS:3025 (Part-17)	mg/l	6.2
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	5.8
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	20.0
33.	Sodium as Na	IS:3025 (Part-45)	mg/l	35.0
34.	Potassium as K	IS:3025 (Part-45)	mg/l	8.0
35.	Conductivity	IS:3025 (Part-14)	µs/cm	1103.0
36.	Nickel as Ni	IS:3025 (Part-54)	mg/l	BDL (DL 0.005)
37.	Dissolve Oxygen	IS:3025 (Part-54)	mg/l	7.9

Note: BDL – Below Detection Limit, DL - Detection Limit

Page 2 of 2



*Abhishek Tiwari*  
Checked by  
**Abhishek Tiwari**

*Kajkumar Yadav*  
Reviewed & Authorized by  
**Kajkumar Yadav**

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TC-6821

## TEST REPORT

Sample Number: **JME/PJCL/SW/02**  
 Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna**  
**Madhya Pradesh**  
 Sample Description: **Surface Water**  
 Sampling Location: **Western Block Pit**  
 Client Representative (Name & Designation): **Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**  
 Sample collected by: **JMELPL Team**  
 Parameter Required: **As per work order**  
 Latitude: **24° 35' 10" N**  
 Longitude: **80° 59' 26" E**  
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/SW/250923002**  
 Format No.: **7.8 F-01**  
 Party Reference: **NIL**  
 Reporting Date: **30/09/2025**  
 Analysis Completion Date: **30/09/2025**  
 Analysis Start Date: **23/09/2025**  
 Receipt Date: **23/09/2025**  
 Sampling Date: **22/09/2025**  
 Sampling Type: **Grab**  
 Preservation: **Refrigerated**  
 Packing Status: **Temporary Sealed**  
 Environmental Condition: **Temp. 30°C; Clear**  
 During Sampling: **Sky**  
 Sample Quantity: **Approx. 5.0 Litre**

## TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.53
2.	Colour	IS:3025 (Part-4)	Hazen	BDL (DL 1.0)
3.	Turbidity	IS:3025 (Part-10)	NTU	BDL (DL 1.0)
4.	Odour	IS:3025 (Part-5)	-	Agreeable
5.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	mg/l	339.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	60.25
7.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	mg/l	110.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	54.31
9.	Residual Chlorine	IS:3025 (Part-26)	mg/l	BDL (DL 0.2)
10.	Cyanide	IS:3025 (Part-27) sec 1	mg/l	BDL (DL 0.02)
11.	Magnesium as Mg	IS:3025 (Part-46)	mg/l	45.89
12.	Total Dissolved Solid	IS:3025 (Part-16)	mg/l	689.0
13.	Sulphate as SO <sub>4</sub>	APHA 24th Edition, 4500-SO <sub>4</sub> -E	mg/l	192.0
14.	Fluoride as F	APHA 24th Edition, 4500-F- D	mg/l	0.62
15.	Nitrate Nitrogen as NO <sub>3</sub>	IS:3025 (Part-34) sec 1: Para 6.3, Cadmium reduction method	mg/l	1.22
16.	Iron	IS:3025 (Part-53)	mg/l	0.06
17.	Aluminium	IS:3025 (Part-55)	mg/l	BDL (DL 0.03)
18.	Boron as B	IS:3025 (Part-57)	mg/l	BDL (DL 0.2)
19.	Phenols	APHA 24th Edition 5530-Phenol-D, Direct Photometric	mg/l	BDL (DL 0.001)
20.	Anionic Surfactant	APHA 24th Edition, 5540-C	mg/l	BDL (DL 0.02)
21.	Hexa Chromium as Cr+6	IS:3025 (Part-52)	mg/l	BDL (DL 0.03)
22.	Zinc	IS:3025 (Part-49)	mg/l	BDL (DL 0.1)
23.	Copper	IS:3025 (Part-42)	mg/l	BDL (DL 0.02)

*Srishti*  
 Checked by  
 Srishti Mehta

Page No. 1 of 2  
 Authorised Signatory  
 Reviewed & Authorized by  
 Pallavi Verma

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# J.M. ENVIROLAB PVT. LTD.

CIN No.: U74220HR2011PTC085766



TC-6821

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## TEST REPORT

Sample Number: **JME/PJCL/SW/02**Report No.: **JME/SW/250923002**

S. No.	Parameters	Testing Protocol	Unit	Result
24.	Manganese	IS:3025 (Part-59)	mg/l	BDL (DL 0.08)
25.	Lead	IS:3025 (Part-47)	mg/l	BDL (DL 0.008)
26.	Selenium	IS:3025 (Part-56)	mg/l	BDL (DL 0.005)
27.	Arsenic	IS:3025 (Part-37)	mg/l	BDL (DL 0.002)
28.	Mercury	IS:3025 (Part-48)	mg/l	BDL (DL 0.001)
29.	Phosphate	APHA 24th Edition, 4500-P-C/D	mg/l	BDL (DL 0.02)
30.	Total Suspended Solid	IS:3025 (Part-17)	mg/l	BDL (DL 1.0)
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	BDL (DL 1.0)
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	BDL (DL 5.0)
33.	Sodium	IS:3025 (Part-45)	mg/l	35.0
34.	Potassium	IS:3025 (Part-45)	mg/l	4.0
35.	Conductivity	APHA 24th Edition, 2510 B	µs/cm	1060.0
36.	Nickel	IS:3025 (Part-54)	mg/l	BDL (DL 0.005)
37.	Dissolve Oxygen	IS:3025 (Part-38)	mg/l	4.9

Note: BDL – Below Detection Limit, DL - Detection Limit

Page No. 2 of 2

*Srishti*  
Checked by  
Srishti Mehta

*Pallavi*  
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TC-6821

## TEST REPORT

Sample Number: **JME/PJCL/SW/05**  
 Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna**  
**Madhya Pradesh**  
 Sample Description: **Surface Water**  
 Sampling Location: **Hinouti Sijahata Mines Reservoir**  
 Client Representative (Name & Designation): **Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**  
 Sample collected by: **JMELPL Team**  
 Parameter Required: **As per work order**  
 Latitude: **24° 35' 5" N**  
 Longitude: **81° 0' 48" E**  
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/SW/250923005**  
 Format No.: **7.8 F-01**  
 Party Reference: **NIL**  
 Reporting Date: **30/09/2025**  
 Analysis Completion Date: **30/09/2025**  
 Analysis Start Date: **23/09/2025**  
 Receipt Date: **23/09/2025**  
 Sampling Date: **22/09/2025**  
 Sampling Type: **Grab**  
 Preservation: **Refrigerated**  
 Packing Status: **Temporary Sealed**  
 Environmental Condition: **Temp. 30°C; Clear Sky**  
 During Sampling:  
 Sample Quantity: **Approx. 5.0 Litre**

## TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.52
2.	Colour	IS:3025 (Part-4)	Hazen	BDL (DL 1.0)
3.	Turbidity	IS:3025 (Part-10)	NTU	BDL (DL 1.0)
4.	Odour	IS:3025 (Part-5)	-	Agreeable
5.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	mg/l	254.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	30.25
7.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	mg/l	106.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	48.35
9.	Residual Chlorine	IS:3025 (Part-26)	mg/l	BDL (DL 0.2)
10.	Cyanide	IS:3025 (Part-27) sec 1	mg/l	BDL (DL 0.02)
11.	Magnesium as Mg	IS:3025 (Part-46)	mg/l	43.42
12.	Total Dissolved Solid	IS:3025 (Part-16)	mg/l	402.0
13.	Sulphate as SO <sub>4</sub>	APHA 24th Edition, 4500-SO <sub>4</sub> -E	mg/l	98.34
14.	Fluoride as F	APHA 24th Edition, 4500-F- D	mg/l	0.69
15.	Nitrate Nitrogen as NO <sub>3</sub>	IS:3025 (Part-34) sec 1: Para 6.3, Cadmium reduction method	mg/l	1.36
16.	Iron	IS:3025 (Part-53)	mg/l	0.08
17.	Aluminium	IS:3025 (Part-55)	mg/l	BDL (DL 0.03)
18.	Boron as B	IS:3025 (Part-57)	mg/l	BDL (DL 0.2)
19.	Phenols	APHA 24th Edition 5530-Phenol-D, Direct Photometric	mg/l	BDL (DL 0.001)
20.	Anionic Surfactant	APHA 24th Edition, 5540-C	mg/l	BDL (DL 0.02)
21.	Hexa Chromium as Cr+6	IS:3025 (Part-52)	mg/l	BDL (DL 0.03)
22.	Zinc	IS:3025 (Part-49)	mg/l	BDL (DL 0.1)
23.	Copper	IS:3025 (Part-42)	mg/l	BDL (DL 0.02)

Checked by  
**Srishti Mehta**

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 Authorised Signatory  
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**Pallavi Verma**

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# J.M. ENVIROLAB PVT. LTD.

CIN No.: U74220HR2011PTC085766



TC-6821

30 years of success Recognized by CPCB under EP Act-1986, Certified by ISO-9001:2015, 14001:2015 &amp; 45001:2018

## TEST REPORT

Sample Number: **JME/PJCL/SW/05**Report No.: **JME/SW/250923005**

S. No.	Parameters	Testing Protocol	Unit	Result
24.	Manganese	IS:3025 (Part-59)	mg/l	BDL (DL 0.08)
25.	Lead	IS:3025 (Part-47)	mg/l	BDL (DL 0.008)
26.	Selenium	IS:3025 (Part-56)	mg/l	BDL (DL 0.005)
27.	Arsenic	IS:3025 (Part-37)	mg/l	BDL (DL 0.002)
28.	Mercury	IS:3025 (Part-48)	mg/l	BDL (DL 0.001)
29.	Phosphate	APHA 24th Edition, 4500-P-C/D	mg/l	BDL (DL 0.02)
30.	Total Suspended Solid	IS:3025 (Part-17)	mg/l	2.6
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	3.4
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	12.0
33.	Sodium	IS:3025 (Part-45)	mg/l	38.0
34.	Potassium	IS:3025 (Part-45)	mg/l	4.0
35.	Conductivity	APHA 24th Edition, 2510 B	µs/cm	618.0
36.	Nickel	IS:3025 (Part-54)	mg/l	BDL (DL 0.005)
37.	Dissolve Oxygen	IS:3025 (Part-38)	mg/l	5.4

Note: BDL – Below Detection Limit, DL - Detection Limit

Page No. 2 of 2

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Srishti Mehta

*Pallavi*  
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TC-6821

## TEST REPORT

Sample Number:	JME/PJCL/SW/06	Report No.:	JME/SW/250923006
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.8 F-01
Sample Description:	Surface Water	Party Reference:	NIL
Sampling Location:	Prism LS Mines - 253.326 ha ML - Discharge Water	Reporting Date:	30/09/2025
Client Representative (Name & Designation):	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Analysis Completion Date:	30/09/2025
Sample collected by:	JMELPL Team	Analysis Start Date:	23/09/2025
Parameter Required:	As per work order	Receipt Date:	23/09/2025
Latitude:	24° 35' 5" N	Sampling Date:	22/09/2025
Longitude:	81° 0' 48" E	Sampling Type:	Grab
Sampling Protocol:	JMELPL/STOP/04	Preservation:	Refrigerated
		Packing Status:	Temporary Sealed
		Environmental Condition During Sampling:	Temp. 30°C; Clear Sky
		Sample Quantity:	Approx. 5.0 Litre

## TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.43
2.	Colour	IS:3025 (Part-4)	Hazen	BDL (DL 1.0)
3.	Turbidity	IS:3025 (Part-10)	NTU	BDL (DL 1.0)
4.	Odour	IS:3025 (Part-5)	-	Agreeable
5.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	mg/l	431.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	105.0
7.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	mg/l	150.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	40.28
9.	Residual Chlorine	IS:3025 (Part-26)	mg/l	BDL (DL 0.2)
10.	Cyanide	IS:3025 (Part-27) sec 1	mg/l	BDL (DL 0.02)
11.	Magnesium as Mg	IS:3025 (Part-46)	mg/l	41.11
12.	Total Dissolved Solid	IS:3025 (Part-16)	mg/l	702.0
13.	Sulphate as SO <sub>4</sub>	APHA 24th Edition, 4500-SO <sub>4</sub> -E	mg/l	173.0
14.	Fluoride as F	APHA 24th Edition, 4500-F- D	mg/l	0.80
15.	Nitrate Nitrogen as NO <sub>3</sub>	IS:3025 (Part-34) sec 1: Para 6.3, Cadmium reduction method	mg/l	1.63
16.	Iron	IS:3025 (Part-53)	mg/l	0.09
17.	Aluminium	IS:3025 (Part-55)	mg/l	BDL (DL 0.03)
18.	Boron as B	IS:3025 (Part-57)	mg/l	BDL (DL 0.2)
19.	Phenols	APHA 24th Edition 5530-Phenol-D, Direct Photometric	mg/l	BDL (DL 0.001)
20.	Anionic Surfactant	APHA 24th Edition, 5540-C	mg/l	BDL (DL 0.02)
21.	Hexa Chromium as Cr+6	IS:3025 (Part-52)	mg/l	BDL (DL 0.03)
22.	Zinc	IS:3025 (Part-49)	mg/l	BDL (DL 0.1)
23.	Copper	IS:3025 (Part-42)	mg/l	BDL (DL 0.02)

Checked by  
Srishti Mehta

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CIN No. :U74220HR2011PTC085766



TC-6821

30 years of success Recognized by CPCB under EP Act-1986, Certified by ISO-9001:2015, 14001:2015 & 45001:2018

## TEST REPORT

Sample Number: **JME/PJCL/SW/06**Report No.: **JME/SW/250923006**

S. No.	Parameters	Testing Protocol	Unit	Result
24.	Manganese	IS:3025 (Part-59)	mg/l	BDL (DL 0.08)
25.	Lead	IS:3025 (Part-47)	mg/l	BDL (DL 0.008)
26.	Selenium	IS:3025 (Part-56)	mg/l	BDL (DL 0.005)
27.	Arsenic	IS:3025 (Part-37)	mg/l	BDL (DL 0.002)
28.	Mercury	IS:3025 (Part-48)	mg/l	BDL (DL 0.001)
29.	Phosphate	APHA 24th Edition, 4500-P-C/D	mg/l	BDL (DL 0.02)
30.	Total Suspended Solid	IS:3025 (Part-17)	mg/l	4.8
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	2.6
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	9.0
33.	Sodium	IS:3025 (Part-45)	mg/l	38.0
34.	Potassium	IS:3025 (Part-45)	mg/l	4.0
35.	Conductivity	APHA 24th Edition, 2510 B	µs/cm	1080.0
36.	Nickel	IS:3025 (Part-54)	mg/l	BDL (DL 0.005)
37.	Dissolve Oxygen	IS:3025 (Part-38)	mg/l	6.1

Note: BDL – Below Detection Limit, DL - Detection Limit

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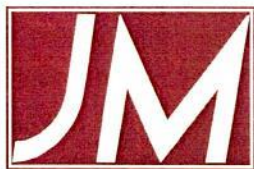
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TC-6821

## TEST REPORT

Sample Number: **JME/PJCL/SW/07**  
 Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha)**  
**Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh**  
 Sample Description: **Surface Water**  
 Sampling Location: **Prism LS Mines 253.326 ha Pit Water**  
 Client Representative (Name & Designation): **Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**  
 Sample collected by: **JMELPL Team**  
 Parameter Required: **As per work order**  
 Latitude: **24° 34' 14" N**  
 Longitude: **80° 59' 37" E**  
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/SW/250923007**  
 Format No.: **7.8 F-01**  
 Party Reference: **NIL**  
 Reporting Date: **30/09/2025**  
 Analysis Completion Date: **30/09/2025**  
 Analysis Start Date: **23/09/2025**  
 Receipt Date: **23/09/2025**  
 Sampling Date: **22/09/2025**  
 Sampling Type: **Grab**  
 Preservation: **Refrigerated**  
 Packing Status: **Temporary Sealed**  
 Environmental Condition During Sampling: **Temp. 30°C; Clear Sky**  
 Sample Quantity: **Approx. 5.0 Litre**

## TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.62
2.	Colour	IS:3025 (Part-4)	Hazen	BDL (DL 1.0)
3.	Turbidity	IS:3025 (Part-10)	NTU	BDL (DL 1.0)
4.	Odour	IS:3025 (Part-5)	-	Agreeable
5.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	mg/l	478.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	138.0
7.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	mg/l	160.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	49.39
9.	Residual Chlorine	IS:3025 (Part-26)	mg/l	BDL (DL 0.2)
10.	Cyanide	IS:3025 (Part-27) sec 1	mg/l	BDL (DL 0.02)
11.	Magnesium as Mg	IS:3025 (Part-46)	mg/l	32.51
12.	Total Dissolved Solid	IS:3025 (Part-16)	mg/l	792.0
13.	Sulphate as SO <sub>4</sub>	APHA 24th Edition, 4500-SO <sub>4</sub> -E	mg/l	316.0
14.	Fluoride as F	APHA 24th Edition, 4500-F- D	mg/l	1.13
15.	Nitrate Nitrogen as NO <sub>3</sub>	IS:3025 (Part-34) sec 1: Para 6.3, Cadmium reduction method	mg/l	2.45
16.	Iron	IS:3025 (Part-53)	mg/l	0.11
17.	Aluminium	IS:3025 (Part-55)	mg/l	BDL (DL 0.03)
18.	Boron as B	IS:3025 (Part-57)	mg/l	BDL (DL 0.2)
19.	Phenols	APHA 24th Edition 5530-Phenol-D, Direct Photometric	mg/l	BDL (DL 0.001)
20.	Anionic Surfactant	APHA 24th Edition, 5540-C	mg/l	BDL (DL 0.02)
21.	Hexa Chromium as Cr+6	IS:3025 (Part-52)	mg/l	BDL (DL 0.03)
22.	Zinc	IS:3025 (Part-49)	mg/l	BDL (DL 0.1)
23.	Copper	IS:3025 (Part-42)	mg/l	BDL (DL 0.02)

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## TEST REPORT

Sample Number: **JME/PJCL/SW/07**Report No.: **JME/SW/250923007**

S. No.	Parameters	Testing Protocol	Unit	Result
24.	Manganese	IS:3025 (Part-59)	mg/l	BDL (DL 0.08)
25.	Lead	IS:3025 (Part-47)	mg/l	BDL (DL 0.008)
26.	Selenium	IS:3025 (Part-56)	mg/l	BDL (DL 0.005)
27.	Arsenic	IS:3025 (Part-37)	mg/l	BDL (DL 0.002)
28.	Mercury	IS:3025 (Part-48)	mg/l	BDL (DL 0.001)
29.	Phosphate	APHA 24th Edition, 4500-P-C/D	mg/l	BDL (DL 0.02)
30.	Total Suspended Solid	IS:3025 (Part-17)	mg/l	6.3
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	2.3
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	8.0
33.	Sodium	IS:3025 (Part-45)	mg/l	49.0
34.	Potassium	IS:3025 (Part-45)	mg/l	7.0
35.	Conductivity	APHA 24th Edition, 2510 B	µs/cm	1218.0
36.	Nickel	IS:3025 (Part-54)	mg/l	BDL (DL 0.005)
37.	Dissolve Oxygen	IS:3025 (Part-38)	mg/l	6.0

Note: BDL – Below Detection Limit, DL - Detection Limit

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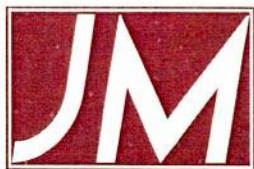
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TC-6821

## TEST REPORT

Sample Number:	<b>JME/PJCL/SW/01</b>	Report No.:	<b>JME/SW/250923001</b>
Name & Address of Unit:	<b>M/s. Prism Johnson Limited Limestones Mines Area (772.067 ha, 99.416 ha, 253.326 ha &amp; 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh</b>	Format No.:	<b>7.8 F-01</b>
		Party Reference:	<b>NIL</b>
Sample Description:	<b>Surface Water</b>	Reporting Date:	<b>30/09/2025</b>
Sampling Location:	<b>Mankahari Mines Area 66.434 Ha - Discharge Water</b>	Analysis Completion Date:	<b>30/09/2025</b>
Client Representative (Name & Designation):	<b>Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)</b>	Analysis Start Date:	<b>23/09/2025</b>
Sample collected by:	<b>JMELPL Team</b>	Receipt Date:	<b>23/09/2025</b>
Parameter Required:	<b>As per work order</b>	Sampling Date:	<b>22/09/2025</b>
Latitude:	<b>--</b>	Sampling Type:	<b>Grab</b>
Longitude:	<b>--</b>	Preservation:	<b>Refrigerated</b>
Sampling Protocol:	<b>JMELPL/STOP/04</b>	Packing Status:	<b>Temporary Sealed</b>
		Environmental Condition	<b>Temp. 30°C; Clear Sky</b>
		During Sampling:	<b>Sky</b>
		Sample Quantity:	<b>Approx. 5.0 Litre</b>

## TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.75
2.	Colour	IS:3025 (Part-4)	Hazen	BDL (DL 1.0)
3.	Turbidity	IS:3025 (Part-10)	NTU	BDL (DL 1.0)
4.	Odour	IS:3025 (Part-5)	-	Agreeable
5.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	mg/l	461.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	127.0
7.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	mg/l	260.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	75.39
9.	Residual Chlorine	IS:3025 (Part-26)	mg/l	BDL (DL 0.2)
10.	Cyanide	IS:3025 (Part-27) sec 1	mg/l	BDL (DL 0.02)
11.	Magnesium as Mg	IS:3025 (Part-46)	mg/l	35.05
12.	Total Dissolved Solid	IS:3025 (Part-16)	mg/l	782.0
13.	Sulphate as SO <sub>4</sub>	APHA 24th Edition, 4500-SO <sub>4</sub> -E	mg/l	204.0
14.	Fluoride as F	APHA 24th Edition, 4500-F- D	mg/l	0.99
15.	Nitrate Nitrogen as NO <sub>3</sub>	IS:3025 (Part-34) sec 1: Para 6.3, Cadmium reduction method	mg/l	2.45
16.	Iron	IS:3025 (Part-53)	mg/l	0.06
17.	Aluminium	IS:3025 (Part-55)	mg/l	BDL (DL 0.03)
18.	Boron as B	IS:3025 (Part-57)	mg/l	BDL (DL 0.2)
19.	Phenols	APHA 24th Edition 5530-Phenol-D, Direct Photometric	mg/l	BDL (DL 0.001)
20.	Anionic Surfactant	APHA 24th Edition, 5540-C	mg/l	BDL (DL 0.02)
21.	Hexa Chromium as Cr+6	IS:3025 (Part-52)	mg/l	BDL (DL 0.03)
22.	Zinc	IS:3025 (Part-49)	mg/l	BDL (DL 0.1)
23.	Copper	IS:3025 (Part-42)	mg/l	BDL (DL 0.02)

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TC-6821

## TEST REPORT

Sample Number: **JME/PJCL/SW/01**

Report No.: **JME/SW/250923001**

S. No.	Parameters	Testing Protocol	Unit	Result
24.	Manganese	IS:3025 (Part-59)	mg/l	BDL (DL 0.08)
25.	Lead	IS:3025 (Part-47)	mg/l	BDL (DL 0.008)
26.	Selenium	IS:3025 (Part-56)	mg/l	BDL (DL 0.005)
27.	Arsenic	IS:3025 (Part-37)	mg/l	BDL (DL 0.002)
28.	Mercury	IS:3025 (Part-48)	mg/l	BDL (DL 0.001)
29.	Phosphate	APHA 24th Edition, 4500-P-C/D	mg/l	BDL (DL 0.02)
30.	Total Suspended Solid	IS:3025 (Part-17)	mg/l	3.6
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	4.9
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	17.0
33.	Sodium	IS:3025 (Part-45)	mg/l	49.0
34.	Potassium	IS:3025 (Part-45)	mg/l	5.0
35.	Conductivity	APHA 24th Edition, 2510 B	µs/cm	1203.0
36.	Nickel	IS:3025 (Part-54)	mg/l	BDL (DL 0.005)
37.	Dissolve Oxygen	IS:3025 (Part-38)	mg/l	5.2

Note: BDL – Below Detection Limit, DL - Detection Limit

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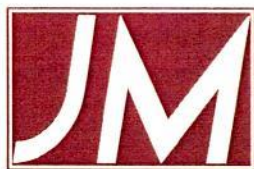
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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

## TEST REPORT

Sample Number: **JME/PJCL/SW/02**  
 Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh**  
 Sample Description: **Surface Water**  
 Sampling Location: **Hinauti Sijahata Mines Area 772.067 Ha - Discharge Water**  
 Client Representative (Name & Designation): **Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**  
 Sample collected by: **JMELPL Team**  
 Parameter Required: **As per work order**  
 Latitude: **--**  
 Longitude: **--**  
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/SW/250923003**  
 Format No.: **7.8 F-01**  
 Party Reference: **NIL**  
 Reporting Date: **30/09/2025**  
 Analysis Completion Date: **30/09/2025**  
 Analysis Start Date: **23/09/2025**  
 Receipt Date: **23/09/2025**  
 Sampling Date: **22/09/2025**  
 Sampling Type: **Grab**  
 Preservation: **Refrigerated**  
 Packing Status: **Temporary Sealed**  
 Environmental Condition: **Temp. 30°C; Clear Sky**  
 Sample Quantity: **Approx. 5.0 Litre**

## TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.57
2.	Colour	IS:3025 (Part-4)	Hazen	BDL (DL 1.0)
3.	Turbidity	IS:3025 (Part-10)	NTU	BDL (DL 1.0)
4.	Odour	IS:3025 (Part-5)	-	Agreeable
5.	Total Hardness as CaCO <sub>3</sub>	IS:3025 (Part-21)	mg/l	459.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	117.0
7.	Alkalinity as CaCO <sub>3</sub>	IS:3025 (Part-23)	mg/l	268.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	57.29
9.	Residual Chlorine	IS:3025 (Part-26)	mg/l	BDL (DL 0.2)
10.	Cyanide	IS:3025 (Part-27) sec 1	mg/l	BDL (DL 0.02)
11.	Magnesium as Mg	IS:3025 (Part-46)	mg/l	40.63
12.	Total Dissolved Solid	IS:3025 (Part-16)	mg/l	729.0
13.	Sulphate as SO <sub>4</sub>	APHA 24th Edition, 4500-SO <sub>4</sub> -E	mg/l	213.0
14.	Fluoride as F	APHA 24th Edition, 4500-F- D	mg/l	0.89
15.	Nitrate Nitrogen as NO <sub>3</sub>	IS:3025 (Part-34) sec 1: Para 6.3, Cadmium reduction method	mg/l	1.36
16.	Iron	IS:3025 (Part-53)	mg/l	0.09
17.	Aluminium	IS:3025 (Part-55)	mg/l	BDL (DL 0.03)
18.	Boron as B	IS:3025 (Part-57)	mg/l	BDL (DL 0.2)
19.	Phenols	APHA 24th Edition 5530-Phenol-D, Direct Photometric	mg/l	BDL (DL 0.001)
20.	Anionic Surfactant	APHA 24th Edition, 5540-C	mg/l	BDL (DL 0.02)
21.	Hexa Chromium as Cr+6	IS:3025 (Part-52)	mg/l	BDL (DL 0.03)
22.	Zinc	IS:3025 (Part-49)	mg/l	BDL (DL 0.1)
23.	Copper	IS:3025 (Part-42)	mg/l	BDL (DL 0.02)

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# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

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## TEST REPORT

Sample Number: **JME/PJCL/SW/02**Report No.: **JME/SW/250923003**

S. No.	Parameters	Testing Protocol	Unit	Result
24.	Manganese	IS:3025 (Part-59)	mg/l	BDL (DL 0.08)
25.	Lead	IS:3025 (Part-47)	mg/l	BDL (DL 0.008)
26.	Selenium	IS:3025 (Part-56)	mg/l	BDL (DL 0.005)
27.	Arsenic	IS:3025 (Part-37)	mg/l	BDL (DL 0.002)
28.	Mercury	IS:3025 (Part-48)	mg/l	BDL (DL 0.001)
29.	Phosphate	APHA 24th Edition, 4500-P-C/D	mg/l	BDL (DL 0.02)
30.	Total Suspended Solid	IS:3025 (Part-17)	mg/l	4.8
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	7.2
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	25.0
33.	Sodium	IS:3025 (Part-45)	mg/l	41.0
34.	Potassium	IS:3025 (Part-45)	mg/l	6.0
35.	Conductivity	APHA 24th Edition, 2510 B	µs/cm	1121.0
36.	Nickel	IS:3025 (Part-54)	mg/l	BDL (DL 0.005)
37.	Dissolve Oxygen	IS:3025 (Part-38)	mg/l	5.2

Note: BDL – Below Detection Limit, DL - Detection Limit

Page No. 2 of 2

*Srishti*  
Checked by  
Srishti Menta



Reviewed & Authorized by  
Pallavi Verma

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**Annexure 12**

**Ambient Noise Monitoring  
Reports**





# J.M. ENVIROLAB PVT. LTD.

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## TEST REPORT

Sample Number: **JME/PJCL/AN/10**  
 Name & Address of Unit: **M/s. Prism Johnson Limited  
 Limestones Mines  
 Area (772 ha, 99 ha, 253 ha & 66 ha)  
 Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh**  
 Sample Description: **AMBIENT NOISE LEVEL MONITORING**

Report No.: **JME/AN/250623655**  
 Format No.: **7.5 F-04**  
 Party Ref. No.: **NII**  
 Reporting Date: **26/06/2025**  
 Analysis Completion Date: **26/06/2025**  
 Analysis Start Date: **23/06/2025**  
 Receipt Date: **23/06/2025**

### General Information

Client Representative (Name & Designation)

**Mr. Sumitabh Dwivedi  
 (Assistant General Manager- Environment)  
 JMELPL Team**

Sample collected by

Sampling Location

Date of Monitoring

Time of Monitoring

Latitude

Longitude

Instrument used

Instrument code

Instrument calibration status

Meteorological condition during monitoring

Ambient Temperature (°C)

Surrounding activity

Scope of Monitoring

Control measure if any

Sampling Protocol

Duration of Monitoring, (minutes)

Parameter Required

**SW (BP No.18)**

**16/06/2025 to 17/06/2025**

**06:00 AM to 06:00 AM**

**----**

**----**

**Sound Level Meter**

**JME/SLM/02/05**

**Calibrated**

**Cloudy Sky**

**Max 34°C, Min 28°C**

**Human & Vehicular Activities**

**Regulatory Requirement**

**--**

**JMELPL/STOP/04**

**24 Hrs.**

**As per work order**

### TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1.	Lmax	IS-9989	69.7	58.2	dB(A)
2.	Lmin	IS-9989	47.6	42.7	dB(A)
3.	Leq	IS-9989	53.2	48.2	dB(A)
4.	CPCB Limits in dB(A) Leq (Industrial area)	--	75	70	dB(A)

Page 1 of 1

Checked by

**Deepak Singh Yadav**



Reviewed & Authorized by  
**Sita Ram Yadav**

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TC-6821

## TEST REPORT

Sample Number: **JME/PJCL/AN/11**  
 Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772 ha, 99 ha, 253 ha & 66 ha)**  
**Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh**  
 Sample Description: **AMBIENT NOISE LEVEL MONITORING**

Report No.: **JME/AN/250623656**  
 Format No.: **7.5 F-04**  
 Party Ref. No.: **NII**  
 Reporting Date: **26/06/2025**  
 Analysis Completion Date: **26/06/2025**  
 Analysis Start Date: **23/06/2025**  
 Receipt Date: **23/06/2025**

### General Information

Client Representative (Name & Designation)

**Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**  
**JMELPL Team**

Sample collected by

Sampling Location

**Near Western Side ML Boundary**  
**(Pillar No. 14) of ML Area**  
**17/06/2025 to 18/06/2025**

Date of Monitoring

Time of Monitoring

**06:00 AM to 06:00 AM**

Latitude

Longitude

Instrument used

**Sound Level Meter**

Instrument code

**JME/SLM/02/04**

Instrument calibration status

**Calibrated**

Meteorological condition during monitoring

**Cloudy Sky**

Ambient Temperature (°C)

**Max 34°C, Min 29°C**

Surrounding activity

**Human Activity**

Scope of Monitoring

**Regulatory Requirement**

Control measure if any

**--**

Sampling Protocol

**JMELPL/STOP/04**

Duration of Monitoring, (minutes)

**24 Hrs.**

Parameter Required

**As per work order**

### TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1.	Lmax	IS-9989	56.8	49.2	dB(A)
2.	Lmin	IS-9989	40.8	33.6	dB(A)
3.	Leq	IS-9989	48.0	37.2	dB(A)
4.	CPCB Limits in dB(A) Leq (Industrial area)	--	75	70	dB(A)

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Checked by

**Deepak Singh Yadav**

Reviewed & Authorized by

**Sita Ram Yadav**

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## TEST REPORT

Sample Number: **JME/PJCL/AN/12**  
 Name & Address of Unit: **M/s. - Prism Johnson Limited  
 Limestones Mines  
 Area (772 ha, 99 ha, 253 ha & 66 ha)  
 Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh**  
 Sample Description: **AMBIENT NOISE LEVEL MONITORING**

Report No.: **JME/AN/250623657**  
 Format No.: **7.5 F-04**  
 Party Ref. No.: **Nil**  
 Reporting Date: **26/06/2025**  
 Analysis Completion Date: **26/06/2025**  
 Analysis Start Date: **23/06/2025**  
 Receipt Date: **23/06/2025**

### General Information

Client Representative (Name & Designation)

**Mr. Sumitabh Dwivedi  
 (Assistant General Manager- Environment)  
 JMELPL Team**

Sample collected by

Sampling Location

**Near Hinauti Village**

Date of Monitoring

**18/06/2025 to 19/06/2025**

Time of Monitoring

**06:00 AM to 06:00 AM**

Latitude

----

Longitude

----

Instrument used

**Sound Level Meter**

Instrument code

**JME/SLM/02/05**

Instrument calibration status

**Calibrated**

Meteorological condition during monitoring

**Clear Sky**

Ambient Temperature (°C)

**Max 35°C, Min 27°C**

Surrounding activity

**Human & Vehicular Activities**

Scope of Monitoring

**Regulatory Requirement**

Control measure if any

--

Sampling Protocol

**JMELPL/STOP/04**

Duration of Monitoring, (minutes)

**24 Hrs.**

Parameter Required

**As per work order**

### TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1.	Lmax	IS-9989	69.9	59.7	dB(A)
2.	Lmin	IS-9989	42.7	36.6	dB(A)
3.	Leq	IS-9989	51.1	41.5	dB(A)
4.	CPCB Limits in dB(A) Leq (Residential area)	--	55	45	dB(A)

Page 1 of 1

Checked by

**Deepak Singh Yadav**



Reviewed & Authorized by

**Sita Ram Yadav**

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TC-6821

## TEST REPORT

Sample Number: **JME/PJCL/AN/13**  
 Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772 ha, 99 ha, 253 ha & 66 ha)**  
**Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh**

Report No.: **JME/AN/250623658**  
 Format No.: **7.5 F-04**  
 Party Ref. No.: **Nil**  
 Reporting Date: **26/06/2025**  
 Analysis Completion Date: **26/06/2025**  
 Analysis Start Date: **23/06/2025**  
 Receipt Date: **23/06/2025**

Sample Description: **AMBIENT NOISE LEVEL MONITORING**

### General Information

Client Representative (Name & Designation)

**Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**  
**JMELPL Team**

Sample collected by

Sampling Location

**Near Mankahari Village**

Date of Monitoring

**19/06/2025 to 20/06/2025**

Time of Monitoring

**06:00 AM to 06:00 AM**

Latitude

----

Longitude

----

Instrument used

**Sound Level Meter**

Instrument code

**JME/SLM/02/04**

Instrument calibration status

**Calibrated**

Meteorological condition during monitoring

**Clear Sky**

Ambient Temperature (°C)

**Max 34°C, Min 29°C**

Surrounding activity

**Human and Vehicular Activities**

Scope of Monitoring

**Regulatory Requirement**

Control measure if any

--

Sampling Protocol

**JMELPL/STOP/04**

Duration of Monitoring, (minutes)

**24 Hrs.**

Parameter Required

**As per work order**

### TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1.	Lmax	IS-9989	63.2	57.3	dB(A)
2.	Lmin	IS-9989	41.2	35.8	dB(A)
3.	Leq	IS-9989	51.1	39.1	dB(A)
4.	CPCB Limits in dB(A) Leq (Residential area)	--	55	45	dB(A)

Page 1 of 1

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**Sita Ram Yadav**

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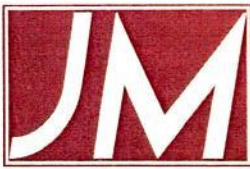
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## TEST REPORT

Sample Number: **JME/PJCL/AN/10**  
 Name & Address of Unit: **M/s. Prism Johnson Limited  
 Limestones Mines  
 Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna  
 Madhya Pradesh**

Report No.: **JME/AN/250920655**  
 Format No.: **7.8 F-04**  
 Party Ref. No.: **Nil**  
 Reporting Date: **24/09/2025**  
 Analysis Completion Date: **24/09/2025**  
 Analysis Start Date: **20/09/2025**  
 Receipt Date: **20/09/2025**

Sample Description: **AMBIENT NOISE LEVEL MONITORING**

### General Information

Client Representative (Name & Designation)

**Mr. Sumitabh Dwivedi  
 (Assistant General Manager- Environment)  
 JMELPL Team**

Sample collected by

**SW (BP No.18)**

Sampling Location

**15/09/2025 to 16/09/2025**

Date of Monitoring

**06:00 AM to 06:00 AM**

Time of Monitoring

Latitude

-

Longitude

-

Instrument used

**Sound Level Meter**

Instrument code

**JME/SLM/02/04**

Instrument calibration status

**Calibrated**

Meteorological condition during monitoring

**Cloudy Sky**

Ambient Temperature (°C)

**Max 34°C, Min 26°C**

Surrounding activity

**Human & Vehicular Activities**

Scope of Monitoring

**Regulatory Requirement**

Control measure if any

--

Sampling Protocol

**JMELPL/STOP/04**

Duration of Monitoring, (minutes)

**24 Hrs.**

Parameter Required

**As per work order**

### TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1.	Lmax	IS-9989	68.8	57.0	dB(A)
2.	Lmin	IS-9989	47.1	44.2	dB(A)
3.	Leq	IS-9989	52.7	48.8	dB(A)
4.	CPCB Limits in dB(A) Leq (Industrial area)	-	75	70	dB(A)

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Reviewed & Authorized by  
**Rajkumar Yadav**

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CIN No. :U74220HR2011PTC085756



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## TEST REPORT

Sample Number: **JME/PJCL/AN/11** Report No.: **JME/AN/250920656**  
 Name & Address of Unit: **M/s. Prism Johnson Limited**  
**Limestones Mines**  
**Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna**  
**Madhya Pradesh**  
 Sample Description: **AMBIENT NOISE LEVEL MONITORING** Format No.: **7.8 F-04**  
 Party Ref. No.: **Nil**  
 Reporting Date: **24/09/2025**  
 Receipt Date: **20/09/2025**

### General Information

Client Representative (Name & Designation) **Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**  
**JMELPL Team**  
 Sample collected by  
 Sampling Location **Near Western Side ML Boundary**  
**(Pillar No. 14) of ML Area**  
 Date of Monitoring **15/09/2025 to 16/09/2025**  
 Time of Monitoring **06:00 AM to 06:00 AM**  
 Latitude  
 Longitude  
 Instrument used **Sound Level Meter**  
 Instrument code **JME/SLM/02/05**  
 Instrument calibration status **Calibrated**  
 Meteorological condition during monitoring **Cloudy Sky**  
 Ambient Temperature (°C) **Max 34°C, Min 26°C**  
 Surrounding activity **Human Activity**  
 Scope of Monitoring **Regulatory Requirement**  
 Control measure if any  
 Sampling Protocol **JMELPL/STOP/04**  
 Duration of Monitoring, (minutes) **24 Hrs.**  
 Parameter Required **As per work order**

### TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1.	Lmax	IS-9989	56.0	48.7	dB(A)
2.	Lmin	IS-9989	41.9	32.5	dB(A)
3.	Leq	IS-9989	47.3	36.0	dB(A)
4.	CPCB Limits in dB(A) Leq (Industrial area)	-	75	70	dB(A)

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Rajkumar Yadav

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CIN No. :U74220HR2011PTC086766



TC-6821

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## TEST REPORT

Sample Number: **JME/PJCL/AN/12** Report No.: **JME/AN/250906657**  
 Name & Address of Unit: **M/s. Prism Johnson Limited** Format No.: **7.8 F-04**  
**Limestones Mines** Party Ref. No.: **Nil**  
**Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna** Reporting Date: **10/09/2025**  
**Madhya Pradesh** Receipt Date: **06/09/2025**  
 Sample Description: **AMBIENT NOISE LEVEL MONITORING**

### General Information

Client Representative (Name &amp; Designation)

**Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**  
**JMELPL Team**

Sample collected by

Sampling Location

Near Hinauti Village

Date of Monitoring

03/09/2025 to 04/09/2025

Time of Monitoring

06:00 AM to 06:00 AM

Latitude

-

Longitude

-

Instrument used

Sound Level Meter

Instrument code

JME/SLM/02/05

Instrument calibration status

Calibrated

Meteorological condition during monitoring

Cloudy Sky

Ambient Temperature (°C)

Max 31°C, Min 26°C

Surrounding activity

Human &amp; Vehicular Activities

Scope of Monitoring

Regulatory Requirement

Control measure if any

-

Sampling Protocol

JMELPL/STOP/04

Duration of Monitoring, (minutes)

24 Hrs.

Parameter Required

As per work order

### TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1.	Lmax	IS-9989	70.5	58.9	dB(A)
2.	Lmin	IS-9989	42.3	35.7	dB(A)
3.	Leq	IS-9989	49.8	40.8	dB(A)
4.	CPCB Limits in dB(A) Leq (Residential area)	--	55	45	dB(A)

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**Deepak Singh Yadav**

Reviewed & Authorized by  
**Rajkumar Yadav**

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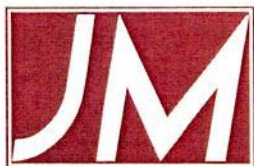
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125

\*\*End of Report\*\*





# J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

30 years of success Recognized by CPCB under EP Act-1986, Certified by ISO-9001:2015, 14001:2015 & 45001:2018

## TEST REPORT

Sample Number: **JME/PJCL/AN/13** Report No.: **JME/AN/250920658**  
 Name & Address of Unit: **M/s. Prism Johnson Limited** Format No.: **7.8 F-04**  
**Limestones Mines** Party Ref. No.: **Nil**  
**Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna** Reporting Date: **24/09/2025**  
**Madhya Pradesh** Receipt Date: **20/09/2025**  
 Sample Description: **AMBIENT NOISE LEVEL MONITORING**

### General Information

Client Representative (Name &amp; Designation)

**Mr. Sumitabh Dwivedi**  
**(Assistant General Manager- Environment)**  
**JMELPL Team**

Sample collected by

**Near Mankahari Village**

Sampling Location

**17/09/2025 to 18/09/2025**

Date of Monitoring

**06:00 AM to 06:00 AM**

Time of Monitoring

Latitude

-

Longitude

-

Instrument used

**Sound Level Meter**

Instrument code

**JME/SLM/02/04**

Instrument calibration status

**Calibrated**

Meteorological condition during monitoring

**Cloudy Sky**

Ambient Temperature (°C)

**Max 31°C, Min 26°C**

Surrounding activity

**Human and Vehicular Activities**

Scope of Monitoring

**Regulatory Requirement**

Control measure if any

-

Sampling Protocol

**JMELPL/STOP/04**

Duration of Monitoring, (minutes)

**24 Hrs.**

Parameter Required

**As per work order**

### TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1.	Lmax	IS-9989	62.8	56.2	dB(A)
2.	Lmin	IS-9989	40.8	34.9	dB(A)
3.	Leq	IS-9989	50.5	38.5	dB(A)
4.	CPCB Limits in dB(A) Leq (Residential area)	--	55	45	dB(A)

Page No. 1 of 1

Checked by  
**Deepak Singh Yadav**

Reviewed & Authorized by  
**Rajkumar Yadav**

#### Note:

1. This test report pertains solely to the tested sample as received.
2. This report shall not be reproduced without in full.
3. Any discrepancies in this test report must be brought to our attention within 7 days from the date of issue.
4. The sample will be destroyed after the specified retention period unless prior instructions are received.
5. All disputes are subject to the exclusive jurisdiction of Gurugram only.

#### Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,  
 Phase-IV, Gurugram-122015 (Haryana)  
 E-mail: [jmenvirolab@hotmail.com](mailto:jmenvirolab@hotmail.com) | [www.jmenvironet.org](http://www.jmenvironet.org)

#### Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517, Golf Course  
 Ext. Road, Sector-61, Gurugram-122011(Haryana)



# **Annexure 13**

## **List of PPEs issued**

### Annexure 13: Number of PPEs Issued

<i>Total PPE's for Mines From Jan'2025 – Dec'2025</i>			
S.No	Material	Qty.	Total Amount
1	Dust Mask	170	2589.1
2	Google Safety Glass PVC.	55	2795.65
3	Hand Gloves	120	4104
4	Helmet Industrial Safety	40	4600
5	Jacket fluorescent High Visibility Wear	180	22860
6	Plug Ear muff	70	560
7	Safety Shoes	350	375550
8	GUMBOOT	40	21280
9	RAIN COAT .	50	31500
<b>TOTAL</b>		<b>1075</b>	<b>465838.75</b>





**Annexure 14**

**Pictures of Rainwater  
Harvesting Structures**

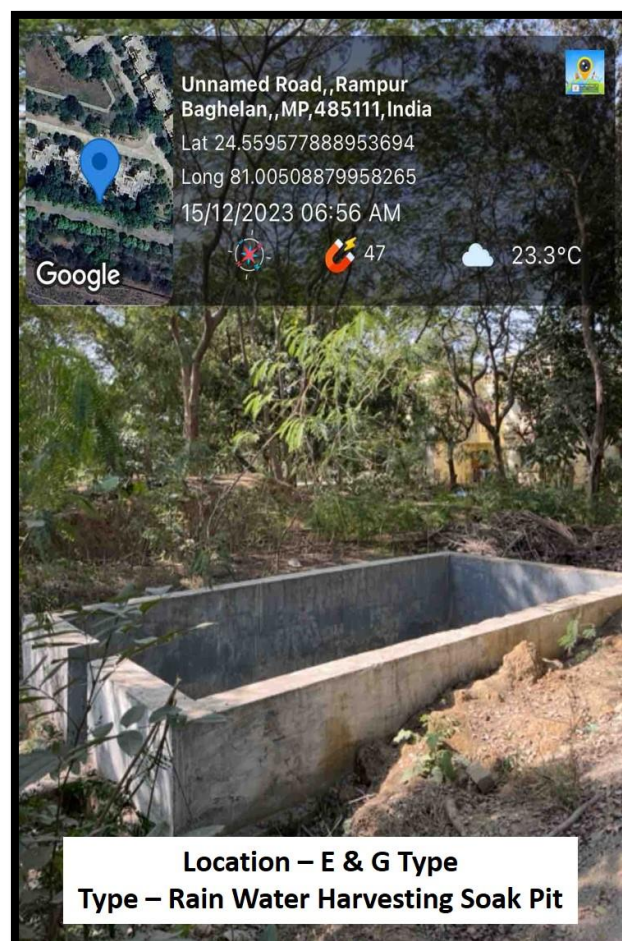
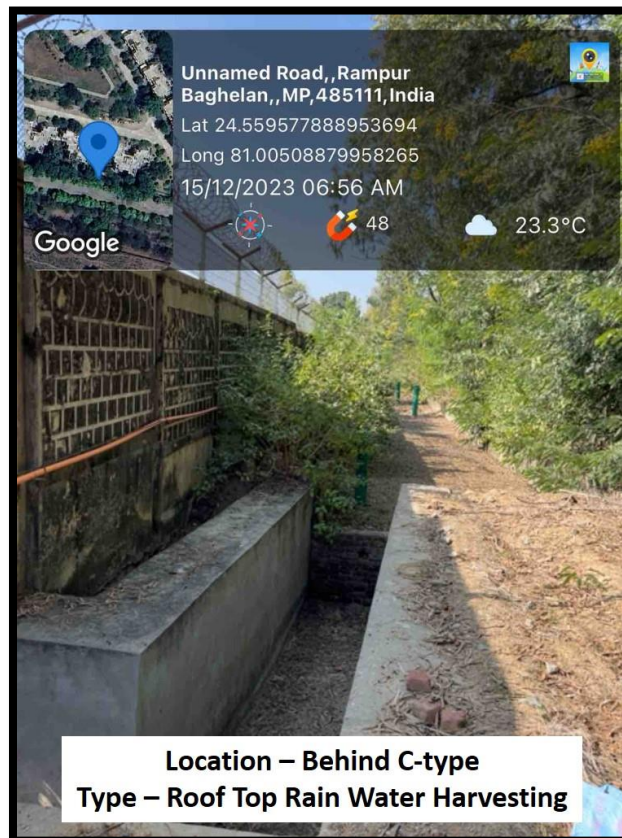
Unnamed Road,,Rampur Baghelan,,MP,485111,India  
Lat 24.56183278368308  
Long 80.99336689392037  
15/12/2023 07:41 AM  
24.0°C

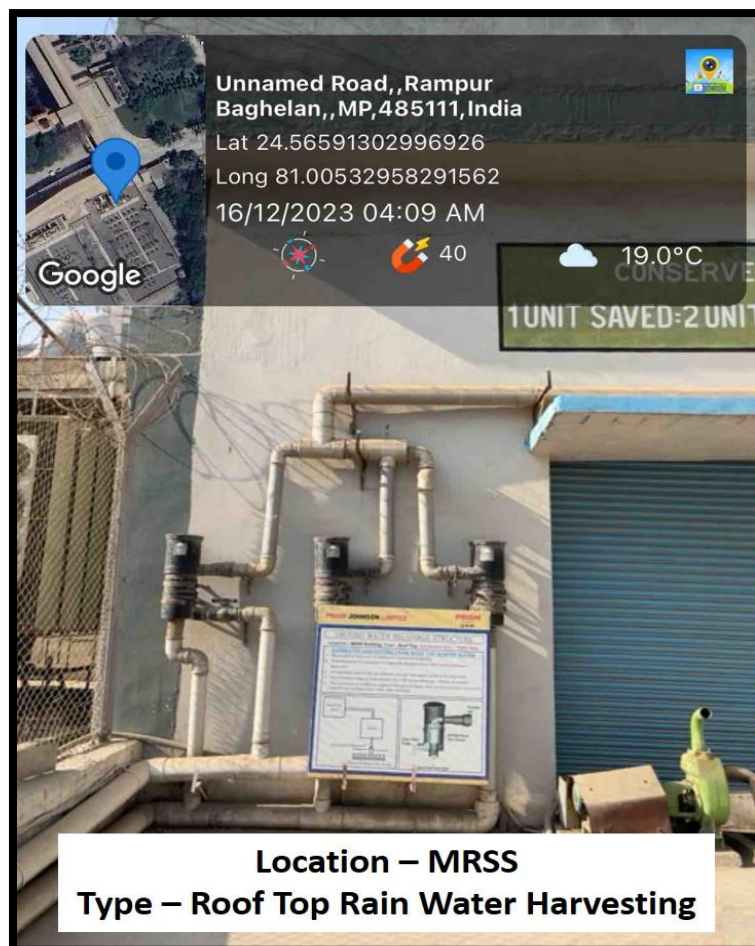
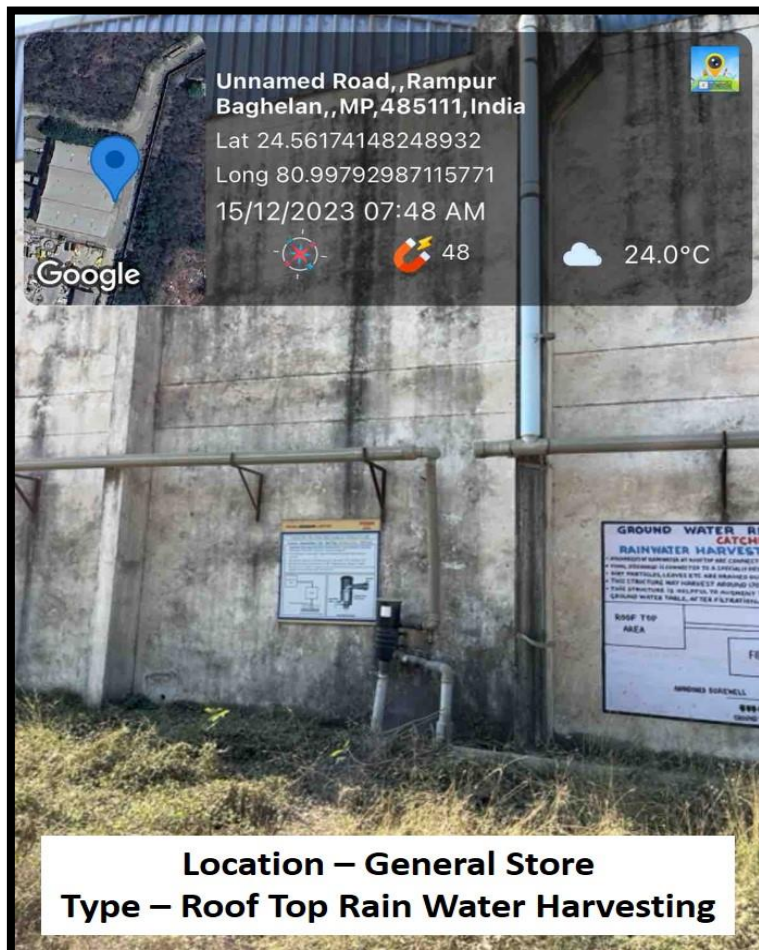
Unnamed Road,,Rampur Baghelan,,MP,485111,India  
Lat 24.56183278368308  
Long 80.99336689392037  
15/12/2023 07:41 AM  
24.0°C

Location – Duratech Shed  
Type – Recharge Pit Rain Water Harvesting

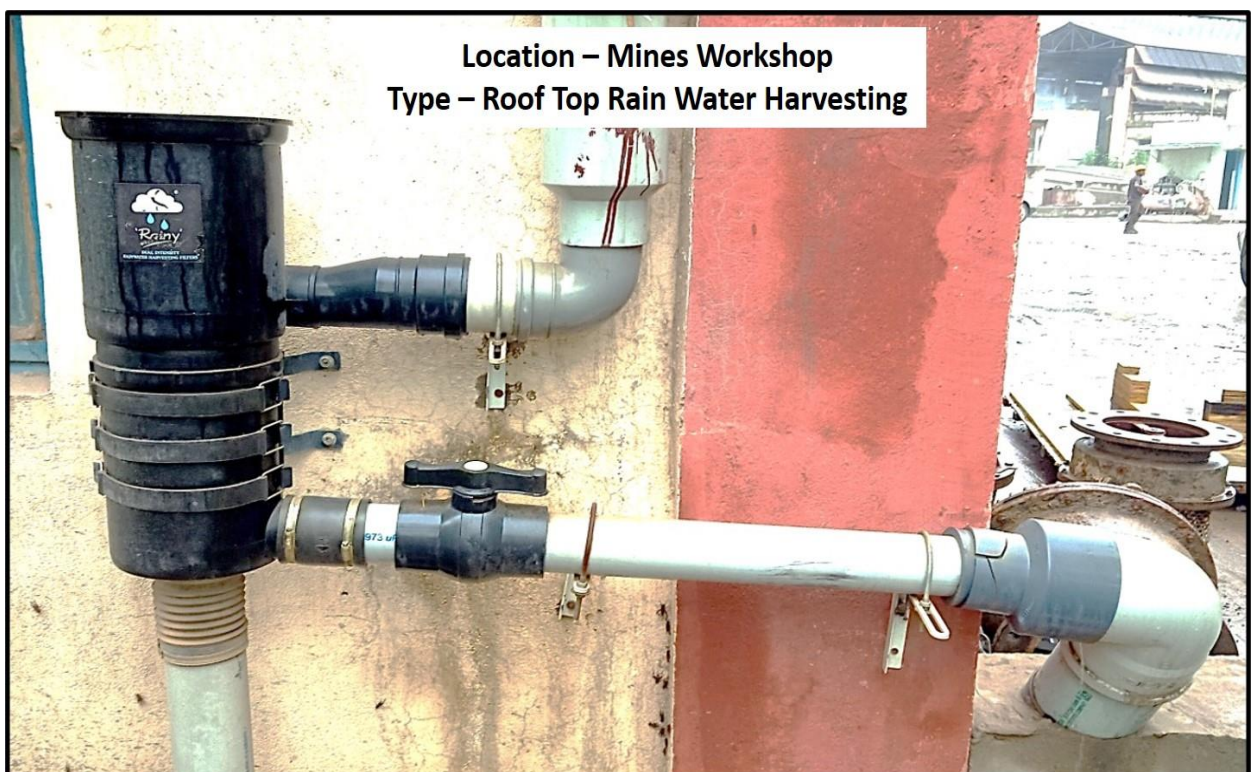




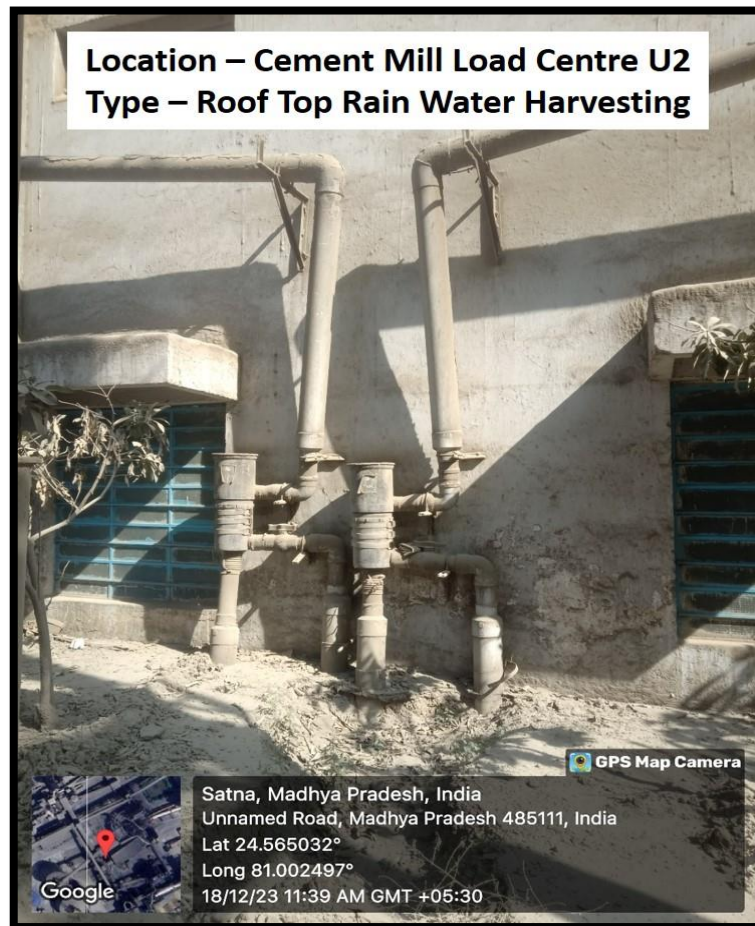




















*At DIC Land*



*At Cafeteria*





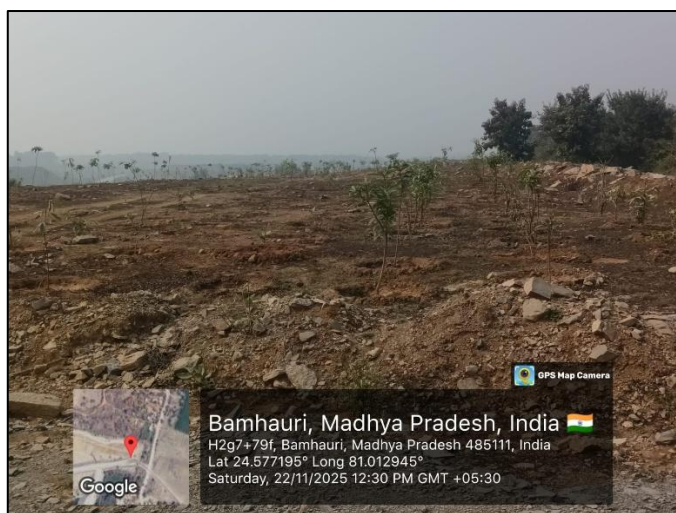
***Behind B-type***

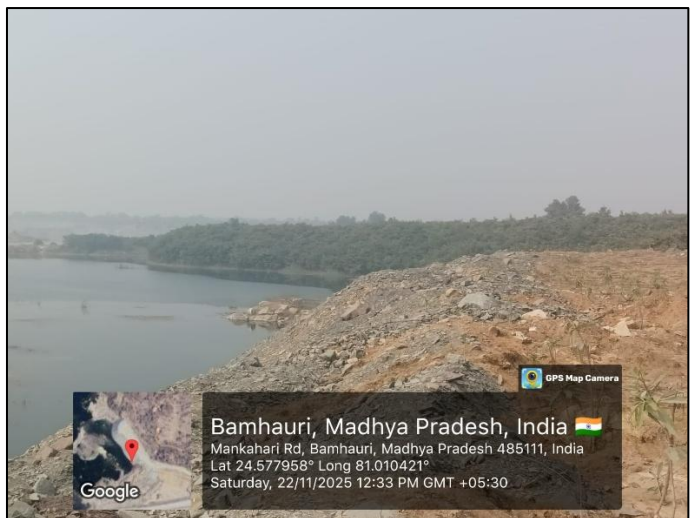
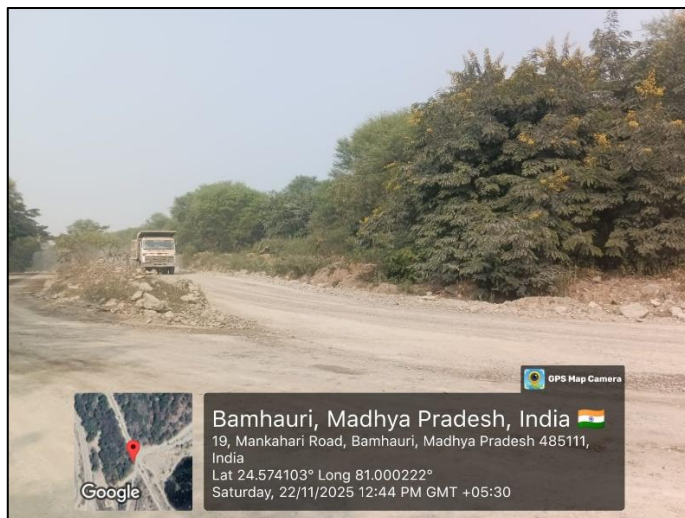
# **Annexure 15**

## **Pictures of Green Belt**



## Annexure 15: Pictures of Green Belt







**Annexure 16**

**Measures for Improvement  
of Socio-Economic  
Conditions**

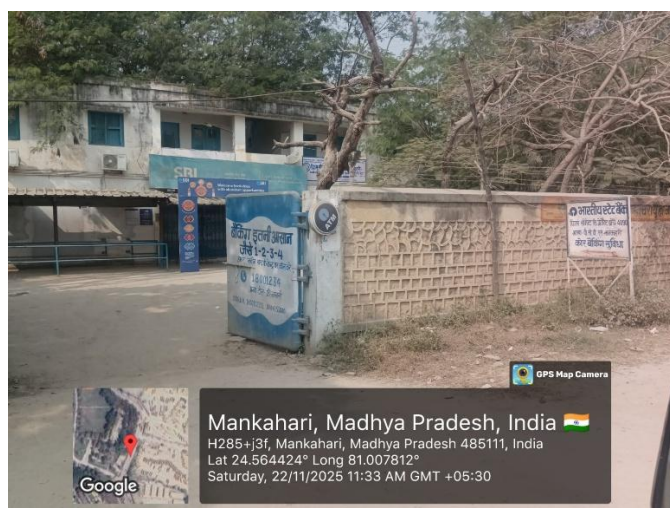
## Annexure 16: Measures for Socio-economic Development



Medical Centre



Police Station



Banking Facilities - SBI Branch



**Annexure 17**

**Socio-Economic  
Development Plan**

MIN/0701/990628 03.02.2000

**The Joint Director(S)**  
Ministry Of Environment & Forests  
(MOEF), Regional Office, Western Region  
E-3/240 Arera Colony,  
Bhopal-462016(M.P)

Dear Sir,

**Sub: Compliance Report – Sihata-Hinouti-Limestone Mine of M/s. Prism Cement Ltd.**

**Ref: Letter – No. 11015/37/96/1A II(M) dated 20/12/99 of MOEF, New Delhi**  
**Your office letter no. 3-1/97(Env)/1359 dated 5/7/99.**

We kindly acknowledge the above mentioned letters. We regret very much for not sending the compliance reports in time. We assure you, sir, we will be sending the same in time in future.

We hereby mention our clarifications pointwise as raised by you:

The garland drains have been done all around the dumping sites, which restrict erosion the settling of silt around the faces.

**a) Monitoring of Quality of Effluent:**

In mines there is no generation of any effluent water. However the Sewage Water generated from the residential colony (combined for plant & mines) is being treated in colony premises and is being monitored regularly as per guidelines of MPPCB.

The rainwater accumulated in the lower benches of the working areas, is being pumped out and carried through pipeline to the reservoirs (settling tanks). The reservoir is in two blocks having cumulative water holding capacities of about 1.5 lakhs cub. mtrs. We find water in the reservoir till end of January or max 2nd week of February.

This water is being used sometimes for plantation and dust suppression on the hauling roads.

**(b) Monitoring of RPM:**

The monitoring of RPM is presently is not being monitored, as there is no norms mentioned in the MPPCB consent letter. At present we are regularly monitoring SPM, SO<sub>2</sub>, NO<sub>x</sub> in Mines. RPM is not being monitored as on date. If you feel it is required we will arrange to carry out the same. We request for your guidelines for RPM monitoring.

...2/-



**c) Submission of Analysis Report in respect of Noise pollution:**

We have submitted a copy of the comprehensive, EIA and EMP (Post commissioning) for the area, vide our letter no. MIN0703/990369 dated 15/9/99, in person, which is duly acknowledged by your Regional Office, Bhopal on 16/9/99.

However, we are furnishing copies of the same for your ready reference and records.

**d) Submission of analysis – report on the monitoring data:**

We are furnishing here with the monthly Ambient Air Quality Monitoring reports till date.

**e) Construction of settling tanks and toe-drains leading to it for arresting siltation of surface water.**

We do not have an open drainage system. The pumped out water is being carried through pipelines and released in the reservoir. The reservoirs consist of two blocks of a cumulative water holding capacity of 1.5 lakhs cub. Mtrs. The water is not discharged from reservoir. Hence all the silt will be deposited within the reservoir.

**f) Submission of annual action plan for socio economic development:**

We are herewith furnishing a note on the various social (welfare) economic measures carried out by Prism cement. We have enclosed herewith the Socio Economic Action Plan for your kind perusal.

**g) Establishment of Environment Management Cell:**

We have already established Environmental Management Cell, members of which are as below :

Mr. M.P. Rai	-	Vice President (Works)
Mr. U.K. Das	-	Sr. Jt. General Manager (Mines)
Mr. A.K. Shrivastava	-	Asst. Gen. Manager
Mr. V.V. Kulkarni	-	Manager (Geology).
Mr. D.K. Singh	-	Asst. Manager (Pollution Control)
Mr. S.P. Singh	-	Horticulturist.

...3/-

:: 3 ::

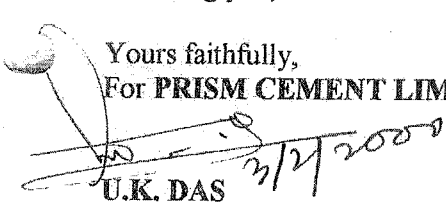
- h) **Regular submission of reports for every 6 months about environmental compliance to Regional office:**

We regret for not sending regularly the reports as mentioned above. The same will be complied in future.

Hope all these points are in order and we assure you that to the best of our efforts, we shall continue to comply with various provisions of the Act.

Thanking you,

Yours faithfully,  
For **PRISM CEMENT LIMITED**

  
**U.K. DAS**  
Sr. Jt. General Manager (Mines)

Encl: as above.

CC: Additional Director, MOEF – For necessary information and records.  
CGO Complex, Lodhi Road  
New Delhi – 110 003

PS: We have complied all the points referred in your letter dated 20.12.99 and sent all the relevant details to Regional office, Bhopal



03.02.2000

**SOCIO- ECONOMIC DEVELOPMENT ACTION PLAN  
(WORKSHEET)**

S.No	Particular	Details	Amount
1.	Village road repair – leading Eastern Block		Rs. 2000
2.	Soil filling and levelling at Sijhata school (29.1.99)	150 soil trips x 3 = 450 cu. Mtr x Rs.45	Rs. 20250
3.	Soil filling at Hinouti Mandir 24.3.99	50 trips = 50 x 3 = 150 cu.mtr. x Rs.45	Rs. 6750
4.	Soil filling at Sijhata village – Road side ( 3/3/999)	50 trips = 50 x 3 =150 cu.mtr. x Rs. 45	Rs. 6750
5.	Soil filling at Ramvan for Basanth Panchami (Jan- 2000)	50 trips =50x3 = 150 cu. Mtr x Rs. 45	Rs. 6750
6.	Hinouti village road bridge,near village for water management (culvert built)		Rs. 25000
7.	Village road leading to Pithepur (Magazine) (99-2000)		Rs. 150000
8.	Soil supplied to Rampur – (Police Station)		
9.	Jailor – Rampur		
10.	Hinouti Road – From Baghicha to Hinouti village	Rs. 80000 labour wages + Rs. 100000 material cost.	Rs. 180000
11.	Drains in village for proper water management in the Patel Tola of Hinouti village habitation.		Rs. 50000
12.	Other roads leading to Hinouti village	250 labour x Rs. 70 = 17500 + 2000 trips material x 3 = 6000 cu.mtr = Rs. 270000	Rs. 287500
13.	1300- 1400 trips of soil will be given to the villagers during 2000-2001	1350 x 3 = 4050 cu.mtr. x Rs. 45	Rs. 200000
	<b><u>Medical facilities</u></b>		
	250 patients x Rs. 7 x Rs. 12		Rs. 21000
	Mobile clinic treatment in villages @ Rs. 60/- per patient (inclusive of van charges)	15000 x 12	Rs. 180000

## SOCIO- ECONOMIC DEVELOPMENT ACTION PLAN

Sl.No	Particulars	Incurred
		2000-2001
1	General Development of Villages – for 4 villages namely Hinouti, Sijhata, Mankahari & Bamhori @ Rs. 50000/- each per annum to vill. Panchayats	200000
2	Welfare to needy villagers – exgratia	300000
3	Repairs incurred on village roads within 5 km range villages viz. Hinouti, Sijhata, mankahari, Bamhori, Rampur etc.	320000
4	Soil filling & levelling the school and panchayat buildings areas & playground. Sijhata School area and approach road In Hinouti village, Mankahari village, Ramvan, etc.	241989
5	Medical facilities: (i) Patients being treated at medical centre on an average about 250/ month or 1500/ annum.	696000
	(ii) Patients being treated at villages through mobile clinic on an average about 21 per day	21000
6	Contribution to sports activities	15000
		1773989
	Total Rs.In Lakhs	17.73

Prism cement is giving preference to the local villagers and land sellers suitable employment based on their qualification and capabilities.

In addition to the employment, indirect employment is also generated/ provided, like deploying trucks, tippers, oil tankers, compressors etc. purchased by local villagers have been hired for internal transportation of materials.

Also employment is provided for the development of horticulture and green belt.

No. of persons employed (workers category) during 1998-99 - 592. (Including plant)

U.K. Das  
Gen. Manager (Mines)



**Annexure 18**

**Expense Details for CSR**

**Activities**

**PRISM JOHNSON LTD.**

**CSR Activities Status and Expense Summary FY 2025-26 Cement Division From 01 Apr to 30 Sep 2025**

Sl. No.	CSR Project Name/ Activities Undertaken	Category under Schedule VII	Implementation Schedule during FY 2025-26 in crore				Total Rs in crore						
			Q1	Q2	Q3	Q4	Total	Current Status	PO No.	Vendor Name	Spent Rs. In Crore	Nos of Beneficiaries	UOM
<b>A.</b>	<b>Availability of drinking water Schedule VII (i)</b>												
1	Drinking water supply through Water Tanker at Mankahari village (120 trip)	(i) Availability of drinking water	0.02	0	0	0.02	0.04	Provided 120 trips of water in the village of Mankahari till Jun 25	24PJL1NPO0005500	1702349 Aurora Enterprises	0.02	2507	as per census 2011
2	Installation of a new hand pumps at Jhanjhar Sijahata	(i) Availability of drinking water	0.01	0	0	0	0.01	Completed in Apr-25	24PJL1NPO0003186	1700341 Seema Singh	0.01	837	as per census 2011
		<b>Sub Total</b>	<b>0.03</b>	<b>0.00</b>	<b>0.00</b>	<b>0.02</b>	<b>0.05</b>				<b>0.03</b>	<b>3344.00</b>	
<b>B.</b>	<b>Environment, water Conservation and Promoting renewable energy</b>												
	<b>Plantation for Environment Conservation Schedule VII (iv)</b>												
3	Roadside plantation with tree guards at Malgaon (50)	(iv) Plantation for Environment Sustainability	0	0.02	0	0	0.02	Completed in Sep-25	25PJL2NPO0001936	1702614 Rambali	0.00	1033	as per Census 2011
4	Survival of 53000 saplings at Khamhariya Forest Land plantation	(iv) Plantation for Environment Sustainability	0.02	0	0	0	0.02	Plantation surrendered to the Forest Department Satna from 01.06.2025	25PJL1NPO0001950	1701471 Narendra Singh Tiwari	0.02	2659	as per Census 2011
5	Survival of 20000 saplings at Chulhi Jamodi Forest Land plantation under CSE/CSR redencification Scheme	(iv) Plantation for Environment Sustainability	0.02	0	0	0	0.02	Continuous Activity	0	0	0.02	848	as per Census 2011
6	Survival of 490 plantation by chain link fencing at Mahurachh	(iv) Plantation for Environment Sustainability	0.02	0	0	0	0.02	Completed	24PJL1NPO0004565	1700391 Shani Pratap Singh Baghel	0.02	2139	Nos of Villagers
7	Distribution of 30000 fruit plants to villagers at Satna, Nagar Panchayat, Rampur Baghelan, Villages Chormari, Narsinghpur, Baghai, Sajjanpur, Sijahata and Malgaon	(iv) Plantation for Environment Sustainability	0	0.08	0.1	0.02	0.20	Completed in Sep-25	25PJL1MTR0003496, 25PJL1MTR0003954	Issuepass	0.08		
	<b>Conservation of Natural Resources Schedule VII (iv)</b>												
8	Desilting of 3001 M3 Pond at Narsinghpur	Conservation of Natural Resources Schedule VII (iv)	0.03	0.03	0	0	0.06	Completed in Jun-25	25PJL1NPO0000762	1702884 Shishir Singh	0	2147	as per census 2011



Sl. No.	CSR Project Name/ Activities Undertaken	Category under Schedule VII	Implementation Schedule during FY 2025-26 in crore				Total Rs in crore						
	<b>Water Conservation Schedule VII (iv)</b>												
9	Construction of Single Bore shaft water harvesting structures Pond1 Nai Basti Badhaiya Atrahara	Water Conservation Schedule VII (iv)	0	0.02	0	0	0.02	Completed in Jun-25	25PJL1NPO000930	1702908 YAGENDRA TIWARI	0.01	744	as per Census 2011
10	Construction of Single Bore shaft water harvesting structures Pond2 Nai Basti Badhaiya Atrahara	Water Conservation Schedule VII (iv)	0.01	0	0	0	0.01	Completed in Jun-25	25PJL1NPO000933	1702908 YAGENDRA TIWARI	0.01	744	
11	Maintenance by cleaning and refilling of filter media of Single & double Bore Shaft Water Harvesting at Basti Pond, and Pachauha Pond, Malgaon and Narsinghpur Pond	Water Conservation Schedule VII (iv)	0.01	0	0	0	0.01	Completed in May-25	25PJL1NPO000919, 25PJL1NPO000913, 25PJL1NPO000920	1702614 Rambali, 1702884 Shishir Singh	0.01	3180	as per Census 2011
12	Construction of 50 perforated drum based water harvesting structures at Pithaipur Hinauti	Water Conservation Schedule VII (iv)	0	0.03	0	0	0.03	Completed in Jun-25	25PJL1NPO000696	1700914 M K Pandey	0.03	824	as per Census 2011
13	Construction of 50 perforated drum based water harvesting structures at Katra Narsinghpur	Water Conservation Schedule VII (iv)	0.02	0	0	0	0.02	Completed in May-25	25PJL1NPO000679	1702532 ANIL KUMAR GARG	0.03	2147	as per Census 2011
		<b>Sub Total</b>	<b>0.13</b>	<b>0.18</b>	<b>0.10</b>	<b>0.02</b>	<b>0.43</b>				<b>0.23</b>	<b>16465</b>	
<b>C.</b>	<b>Health &amp; Hygiene Schedule VII (i)</b>												
14	Operation & Maintenance of Sulabh Complex at Mahurachh Turning (12 months)	(i) promoting health care including preventive health care and sanitation	0.0012	0.0012	0.0012	0.0012	0.01	Continuous Process	25PJL1NPO000322	1700391 Shani Pratap Singh Baghel	0		
15	Providing Nutritional Food to 300 Tuberculosis (TB) Patients for supporting Ni-kshay Mitra initiative of the Government of Madhya Pradesh under CSR Activity – Eradicating Malnutrition FY 25-26	(i) Eradicating Malnutrition	0	0	0	0	0	Provided on 18.09.2025	25PJL2NPO002209	2200612 Fresh & Easy	0.01	300	
16	Organisation of Mega Medical Camp at Sijahata	(i) promoting health care including preventive health care and sanitation	0	0	0	0	0	Camp organised on 25.09.2025, attended 206 patients	0	0	0	206	patients
		<b>Sub Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</b>				<b>0.01</b>	<b>506</b>	
<b>D.</b>	<b>Promoting Education Schedule VII (ii)</b>												
17	Construction of 179 M Boundary wall at Government Primary School Medhi	(ii) Promoting Education	0.06	0.01	0	0	0.07	Completed in May-25	24PJLINPO0003209	1700341 Seema Singh	0.06		Nos of Student

Sl. No.	CSR Project Name/ Activities Undertaken	Category under Schedule VII	Implementation Schedule during FY 2025-26 in crore				Total Rs in crore						
18	Distribution of Stationery and bags to 800 students from Govt Schools Hinauti, Sijahata, Medhi, Bamhauri, Chulhi, Malgaon, Majhiyar, Mankahari, Narsinghpur and Bekerai	(ii) Promoting Education	0	0	0.03	0	0.03	PO released. Supply of material in progress	0	0	0		
19	Scholarship to Meritorius Students from nearby villages	(ii) Promoting Education	0	0.01	0	0	0.01	In Progress	0	0	0		
		<b>Sub Total</b>	<b>0.06</b>	<b>0.02</b>	<b>0.03</b>	<b>0.00</b>	<b>0.11</b>				<b>0.06</b>	<b>0</b>	
<b>E.</b>	<b>Social Welfare Schedule VII (iii, iv &amp; vi)</b>												
20	Support to Old Age Home, Dr. Lalta Prasad Khare Charitable Trust	(iii) Social Welfare	0.02	0.03	0.03	0.03	0.11	In 12 EMI	25PJL1NPO000414, 25PJL1NPO002179	1701762 Dr. Lalta Prasad Khare Public Charitable Trust	0.04	40	Capacity of Old Age Home
21	Financial support for fodder arrangement to Gaushala Mahurachh by providing 30 tons of Wheat Straw for an Additional 100 cows	(iv) Animal Welfare	0.02	0	0	0	0.02	Provided in May-25	25PJL1NPO000500	1700391 Shani Pratap Singh Baghel	0.02	100	
		<b>Sub Total</b>	<b>0.04</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>0.13</b>				<b>0.06</b>	<b>140</b>	
<b>F.</b>	<b>Vocational Skill Development Schedule VII (ii)</b>												
22	Driving Training with license making for 50 persons	(ii) Vocational Skill Development	0	0	0.01	0	0.01	PO released.	0	0	0	50	Nos of trainees
23	Beautician Training program for 25 women	(ii) Vocational Skill Development	0	0	0.01	0.01	0.02	PO released.	0	0	0	25	Nos. of Trainees
		<b>Sub Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.02</b>	<b>0.01</b>	<b>0.03</b>				<b>0.00</b>	<b>75</b>	
		<b>Grand Total</b>	<b>0.26</b>	<b>0.23</b>	<b>0.18</b>	<b>0.08</b>	<b>0.76</b>				<b>0.39</b>	<b>20530.00</b>	

Note: Amount < Rs. 50000 is converted to Zero in Crore round off and from 50000 to below 100000 is converted to 0.01 crore



# **Annexure 19**

## **Details of CSR Activities**



AMONGST INDIA'S LEADING INTEGRATED BUILDING MATERIALS COMPANY



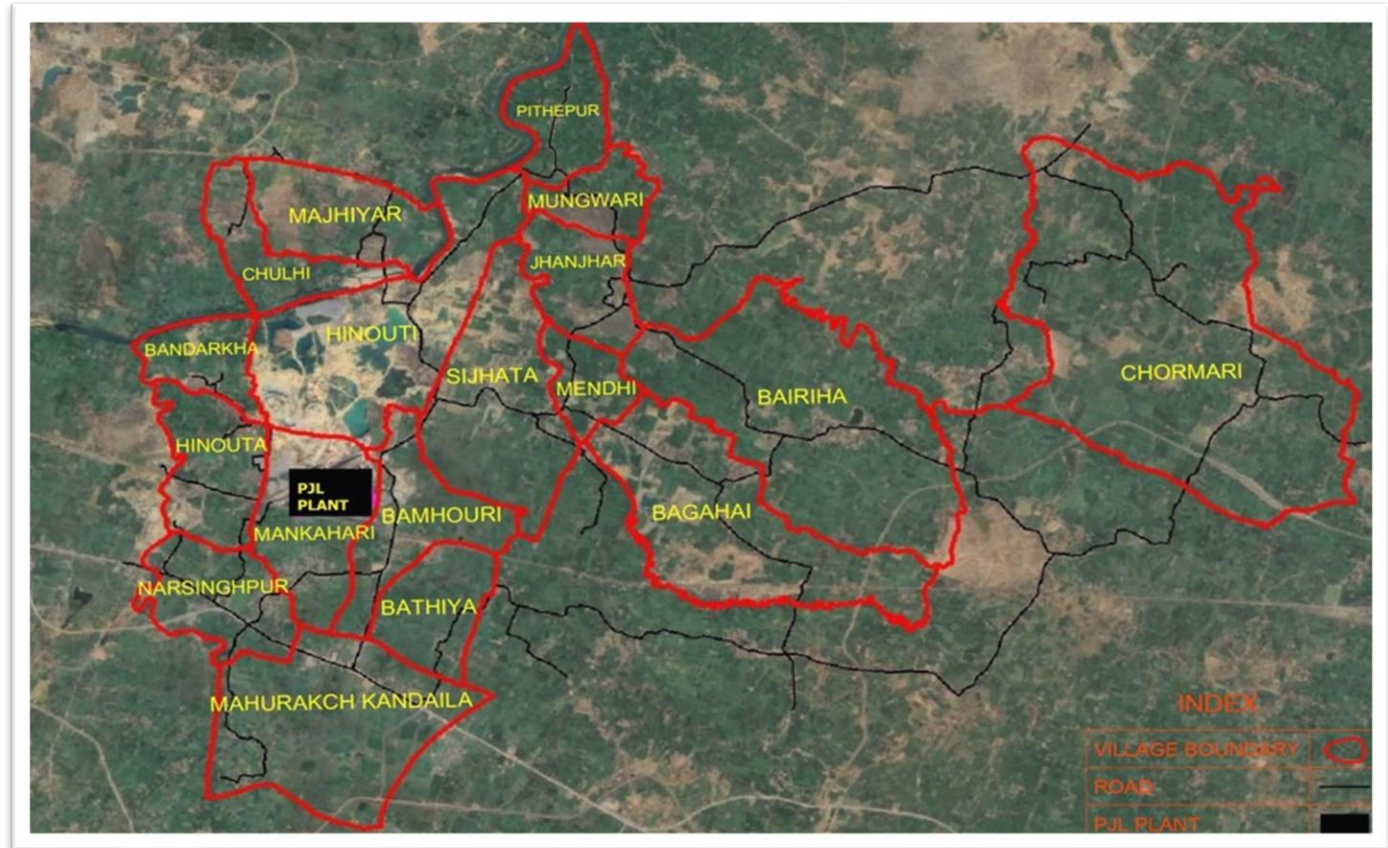
## Corporate Social Responsibility Activity Status April to October 2025



# Geographical Profile

## Details

State	Madhya Pradesh
District /Block	Satna/Rampur Baghelan
Village/Gram Panchayat covered	18/10 No
Population as per census 2011	29486
Male	15341
Female	14145



Gram Panchayat	Village Covered
Mankahari	Mankahari
	Hinauta
Bathiya	Bamhauri
	Bathiya
Narsinghpur	Narsinghpur

Gram Panchayat	Village Covered
	Hinauti
Hinauti	Badarkha
	Pithaipur
Mahurachh Kadaila	Mahurachh

Gram Panchayat	Village Covered
	Jhanjhar
Sijahata	Sijahata
	Medhi
Baghai	Baghai

Gram Panchayat	Village Covered
	Chulhi
Malgaon	Majhiyar
	Malgaon
Bairiha	Bairiha
Chormari	Chormari

# CSR THEMES



Availability of  
Drinking Water



Environment,  
Water  
Conservation  
and Promoting  
renewable  
energy



Health &  
Hygiene



Promoting  
Education



Rural  
Infrastructure  
Development



Welfare



Vocational Skill  
Development

## CSR THEMES

Availability of  
potable water  
through  
installation of  
hand pumps,  
water purifiers  
as well as  
supply through  
water tankers

Plantation  
water  
harvesting  
structures

Health check-  
up, Cataract  
surgery, and  
construction of  
toilets

Renovation of  
school  
buildings,  
boundary wall,  
smart classes,  
support to  
Anganwadi

Construction  
and repairing of  
roads, bus  
shelters,  
cremation  
sheds,  
community

Support to old  
age home,  
animal welfare  
etc.

Vocational  
trainings,  
Livelihood  
training,  
farmers training



# Drinking water Facility to villagers

## Our Mission

- ✓ To provide adequate water access to safe drinking water for the community.
- ✓ To prevent/mitigate risk of water contamination in different elements.
- ✓ To ensure sustainability of water resources.

## Key Initiatives/strategy

- Supply of drinking water through Water Tankers
- Installation of Hand pumps
- Installation of RO machine with water cooler at Government Schools
- Installation of water pipe line
- Operation of free water kiosk in summer season



## Impact

Ensuring availability of safe drinking water to community and schools to boost health.



# Availability Drinking Water: FY 2025-26

Key Initiatives/strategy	Present Status	Beneficiaries	Community Benefit
Installation of a hand pump at Jhanjhar Sijahata	Completed	837	Ensure Safe Drinking Water
Drinking water through Water Tanker at Mankahari village	Provided 120 trip drinking water through Water Tanker at Mankahari village from April to Jun-25	2507	Ensures availability of drinking water in summer



Installation of a Hand pump at Jhanjhar Sijahata



Availability of drinking water through water tanker



# Environment Conservation Activities

## Key Initiatives/strategy

Survival of existing plantation at forest and revenue lands

Distribution of hybrid fruit plant saplings to villagers for creating awareness towards plantation as well as providing a source of income

Plantation under forest restoration scheme (below 0.4 density)

Installation of solar street lights for promotion of use of renewable source of energy

## Impact

- ✓ Enhanced water table, adding to existing flora and fauna, helping in reducing climate change and Decrease the carbon footprint .
- ✓ Overall improving the living conditions of the families in the villages.
- ✓ One acre of forest may produce up to 4 tons of oxygen ( depending on the plantation) while absorbing up to 6 tons of carbon dioxide, enough to feed about 20 people for a year.
- ✓ Adding to renewable energy, thus helping in reducing green house effect, plastic waste and elimination of garbage (Hygiene Effect)
- ✓ Provides energy security in rural areas.



# Environment Conservation: Plantation Activities

## FY 2025-26



Key Initiatives/strategy	Present Status	Beneficiaries	Community Benefit
Distribution of 30000 hybrid fruit plant saplings to villagers	30000 saplings distributed to the Horticulture Department, Satna, Nagar Panchayat, Rampur Baghelan, Villages Chormari, Narsinghpur, Baghai, Sajjanpur, Sijahata and Malgaon, Sep-25	1040	Social forestry development
Roadside plantation with 50 tree guards at Malgaon	Completed in Sep-25	1033	Ensuring Environment Sustainability
Environmental Awareness Campaign	Organised environmental Awareness Campaign at Sijahata on 25.09.2025	100	Ensuring Environment Conservation
Survival of 53000 saplings planted in the forest land Khamharia.	Plantation surrendered to the Forest Department Satna from 01.06.2025	2659	Ensuring Environment Sustainability
Fencing of 2 Acre plantation area Govt Revenue land at Mahurachh (490 saplings) for the survival of plantation	Completed in Apr-25	2139	Ensuring Environment Sustainability
Survival of 20000 saplings planted at forest land Chulhi Jamodi Beat.	Continuous Activity in association with Forest Department Satna	848	Afforestation Support



# Environment Conservation: Plantation Activities



## Plantation at Narsinghpur and Atrahara Under Jal Ganga Samvardhan Abhiyan-2025

### Present-

1. Dr. Satish Kumar M., IAS, Collector Satna
2. Shri R. N. Khare, SDM, Rampur Baghelan
3. Shri Rahul Pandey, CEO, Janpad Panchayat Rampur Baghelan
4. Shri Manish Kumar Sinha and other Dignitaries



# Environment Conservation: Plantation Activities



Fruit Plants to  
District  
Administration  
Satna



Fruit Plants to  
villagers at  
Chormari and  
Narsinghpur





# Environment Conservation: Plantation Activities

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Plantation at Govt Girls Middle School Sijahata I in the Presence of Ms. Sandhya Singh, Assistant Labour Commissioner and other dignitaries



Plantation at Hinauti in Presence of Mr Rabendra Sing , President, Janpad Panchayat Rampur Baghelan and other dignitaries





# Environment Conservation Activities



Environment  
Awareness  
Campaign at  
Sijahata



Plantation with  
50 Tree Guards  
at Malgaon





# Environment Conservation: Plantation Activities



**Plantation at  
Chulhi Jamodi  
Forest Land**



**Plantation at  
Forest Land  
Khamhariya  
(Surrendered to  
Forest  
Department)**





# Water Conservation Activities

## Key Initiatives/strategy

Desilting of Pond for conservation of natural resources

Cleaning of pond for conservation of natural resources

Construction of new ponds under Amrit Sarovar Scheme, an initiative of Government of India

Construction single and double bore shafts water harvesting structures for ground water level management

Construction of double bore shafts water harvesting structures for ground water level management

Construction of perforated Drum based Harvesting Structures for rain water harvesting in villages

## Impact

- ✓ Maintaining the water table by supplementing it with additional water topping capacity.
- ✓ Overall, improving the living conditions of the families in villages.





# Environment Conservation: Water Conservation Activities FY 2025-26



Key Initiatives/strategy	Present Status	Beneficiaries	Community Benefit
Desilting of 3001 M3 Pond at Narsinghpur	Completed	2147	Conservation of Natural Resources
Construction of Single Bore shaft water harvesting structure Pond1 Nai Basti Badhaiya Atrahara	Completed	744	Ground Water Management
Construction of Single Bore shaft water harvesting structure Pond2 Nai Basti Badhaiya Atrahara	Completed	744	Ground Water Management
Maintenance by cleaning and refilling of filter media of Single & double Bore Shaft Water Harvesting at Malgaon Basti Pond, and Pachauha Pond, Malgaon and Narsinghpur Pond	Completed	3180	Ground Water Management
Construction of 50 perforated drum based water harvesting structures at Pithaipur Hinauti	Completed	824	Rain Water Harvesting
Construction of 50 perforated drum based water harvesting structures at Katra Narsinghpur	Completed	2147	Rain Water Harvesting

# Environment Conservation: Water Harvesting Activities

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Dr. Satish Kumar M., IAS, Collector Satna, Shri R. N. Khare, SDM, Rampur Baghelan, and Shri Rahul Pandey, CEO, Janpad Panchayat Rampur Baghelan, visited the Narsinghpur Pond desilting under Jal Ganga Samvardhan Abhiyan 2025



# Environment Conservation: Water Harvesting Activities

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Shri R. N. Khare, SDM, Rampur Baghelan, and Shri Rahul Pandey, CEO, Janpad Panchayat Rampur Baghelan, visited the Single-bore shaft water harvesting structures at Pond-1 & 2 at Badhaiya Atrahara, constructed under Jal Ganga Samvardhan Abhiyan 2025



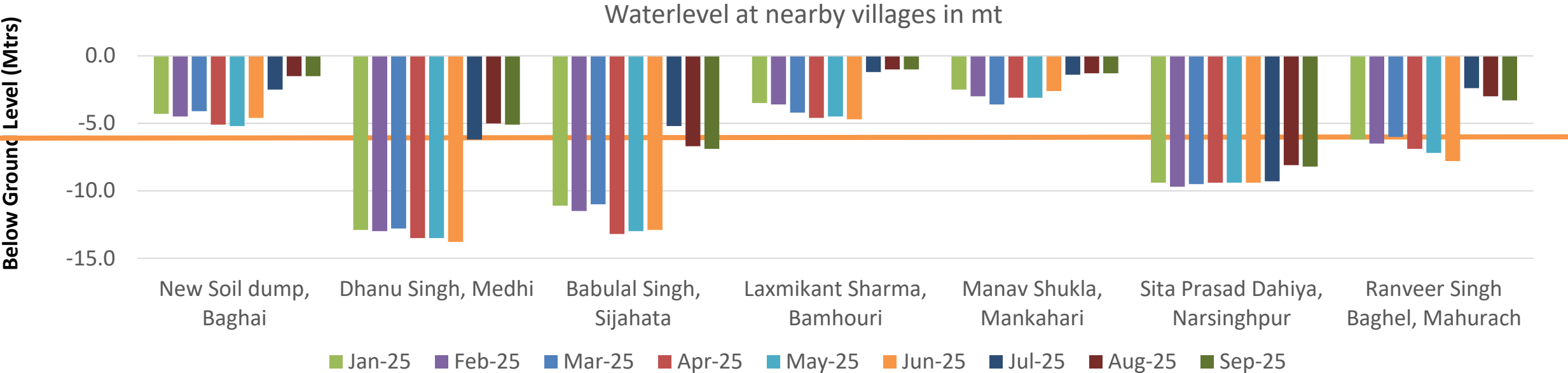
# Environment Conservation: Water Harvesting Activities



Construction of Perforated Drum-Based Rain Water Harvesting at Pithaipur  
Hinauti and Katra Narsinghpur under Jal Ganga Samvardhan Abhiyan 2025



# Status of Water Level in Dug wells falling in adjoining villages



Location	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25
New Soil dump, Baghai	-4.3	-4.5	-4.1	-5.10	-5.2	-4.6	-2.5	-1.5	-1.5
Dhanu Singh, Mendhi	-12.9	-13.0	-12.8	-13.50	-13.5	-13.8	-6.2	-5.0	-5.1
Babulal Singh, Sijahata	-11.1	-11.5	-11.0	-13.20	-13.0	-12.9	-5.2	-6.7	-6.9
Laxmikant Sharma, Bamhouri	-3.5	-3.6	-4.2	-4.60	-4.5	-4.7	-1.2	-1.0	-1.0
Manav Shukla, Mankahari	-2.5	-3.0	-3.6	-3.10	-3.1	-2.6	-1.4	-1.3	-1.3
Sita Prasad Dahiya, Narsinghpur	-9.4	-9.7	-9.5	-9.40	-9.4	-9.4	-9.3	-8.1	-8.2
Ranveer Singh Baghel, Mahurach	-6.2	-6.5	-6.0	-6.90	-7.2	-7.8	-2.4	-3.0	-3.3

## Key Initiatives/strategy

- Free medical consultation & medicines from PCL Medical centre Out door patient, ensuring health services for all
- Providing free ambulance services to villagers for timely access of health services
- Renovation of public toilet for better hygiene
- Operation & Maintenance of Sulabh Complex at Mahurachh Turning (12 months)
- Support to Eradicating Malnutrition under Integrated Child Development Program
- Support to Handicapped by providing tricycles and other support material
- Sponsorship of Cataract Surgery
- Organization of Specialized Mega Medical Camps
- Operation of Mobile Health van in villages
- Renovation of Government Hospital buildings

## Impact

- ✓ Since the nearest health Centre is about 10 kilometer away. PCL endeavors to provides quality medical Services to nearby communities thus helping in brand building.
- ✓ Construction of ODF toilets in nearby villages to support “Swachh Bharat Abhiyan”.



# Health & Hygiene: FY 2025-26



Key Initiatives/strategy	Present Status	Beneficiaries	Community Benefit
Free consultations and medicine distribution via PCL Medical Centre outreach to patients from nearby villages	Attended 9202 patients from Apr to Sep 25	9202	Free Health Facility to Villagers
Door to Door Health Services to villagers through Mobile Health Van at Sijahata, Baghai, Malgaon, Narsinghpur, Badarkha, Chulhi and Majhiyar	Attended 876 patients from Apr to Sep 25	876	Ensuring health services for all
Provided free ambulance services to patients from nearby villages	Attended 573 patients from Apr to Sep 25	573	Emergency Care
Support for Operation & Maintenance of Sulabh Complex at Mahurachh	Continuous Activity	Approx. 100/ per day	Ensure hygienic place to villagers for better hygiene
Mega Medical Camp at Sijahta	Organised on 25.09.2025 at Government Girls Middle School Sijahata	206	Ensuring health services for all
Distribution of Nutritional Food to Tuberculosis (TB) Patients for supporting Pradhanmantri TB Mukta Bharat, A scheme of Government of India	Provided 300 food basket to District Tuberculosis Officer Satna under Ni-kshay Mitra initiative 166	300	Eradicating Malnutrition

# Health & Hygiene: FY 2025-26

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**Mega Medical Camp in Presence of Ms. Sandhya Singh, Assistant Labour Commissioner and other dignitaries**



**Nutritional Food Basket Distribution at Community Health Centre, Rampur Baghelan**



# Promoting Education Activities

## Key Initiatives/strategy

- Renovation of Government Schools building, providing better environment for education.
- Seating arrangement at Schools by providing desk tables
- Slogan writing on walls at villages to Create awareness amongst the local villagers pertaining to different social themes ( HIV, Aids, Plantation etc. )
- Smart class setup with Solar power backup at Government Schools, providing interface with new technology and methods
- Assistance to establish free coaching for UPSC & PSC for excellent students from backward and socio economic weaker section of the society
- Support to Anganwadi Adoption Scheme, an initiative of Madhya Pradesh Government
- Financial assistance for Har Ghar Tiranga Abhiyan, an initiative of Government of India
- Establishing Computer lab at Government schools, supporting Digital India
- Providing assistance for other miscellaneous activities for Promotion of Education e.g. assistance for Har Ghar Tiranga Abhiyan, an initiative of Government of India, Essay Writing etc..

## Impact

- ✓ Promoting quality education by providing interface with latest technology.
- ✓ To materialize dreams of common man who can't afford expensive education.
- ✓ Generating general awareness and interest in education thereby reducing absenteeism at grass root levels.

# Promoting Education: FY 2025-26



Key Initiatives/strategy	Present Status	Beneficiaries	Community Benefit
Maintenance of playground at Govt Girls Middle School Sijahata	Completed	65	Providing better education environment



Before



After



## Key Initiatives/strategy

- Support to Old Age Home
- Measure for welfare of Senior Citizens
- Measure for benefit & welfare of Soldiers, Martyrs, etc..
- Support for Reducing inequalities faced by Socially and Economically Backward groups
- Animal welfare activities
- Disaster Management Activities

## Impact

Encouraging cordial relationship with surrounding communities to facilitate mutual understanding, cooperation and smooth functioning of our business activities.

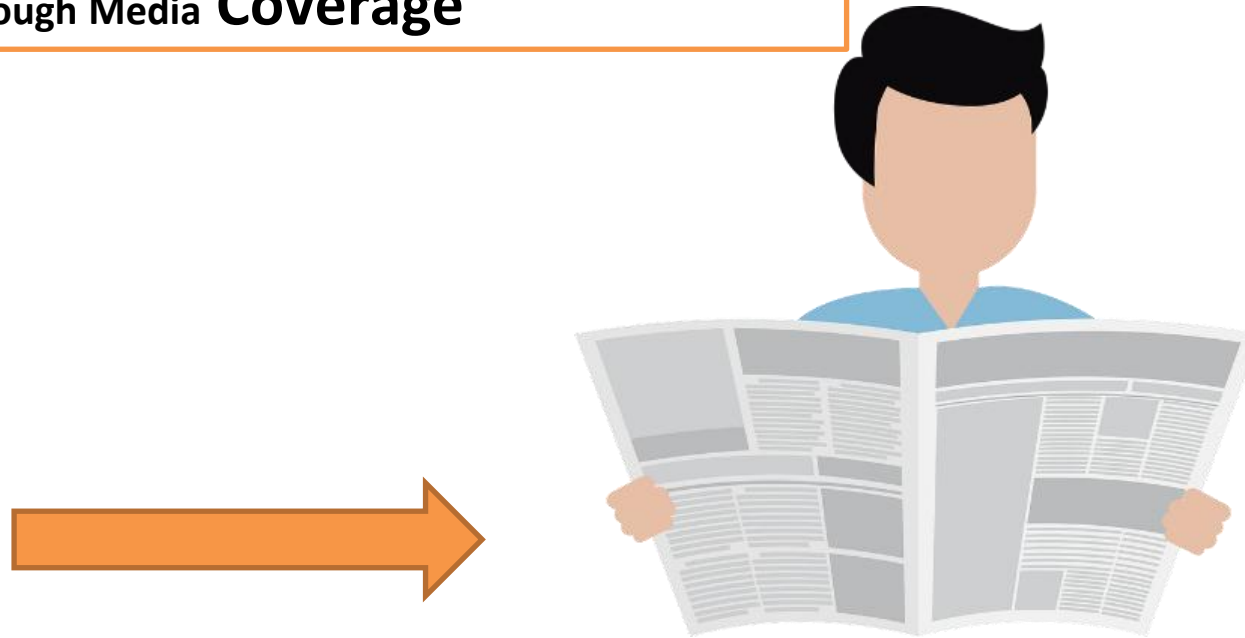
# Social Welfare Activities: FY 2025-26

Key Initiatives/strategy	Present Status	Beneficiaries	Community Benefit
Support to Old Age Home, Dr. Lalta Prasad Khare Charitable Trust	In 12 EMI	40	Support to Old Age Home
Financial support for fodder arrangement to Gaushala Mahurachh by providing 30 tons of Wheat Straw for an Additional 100 cows	Completed	100	Animal Welfare
World Yoga Day Celebration	Organise Yoga Session at Government Higher Secondary School Bamhauri in Association with Shivanand Yogashram Satna	50	Awareness Program

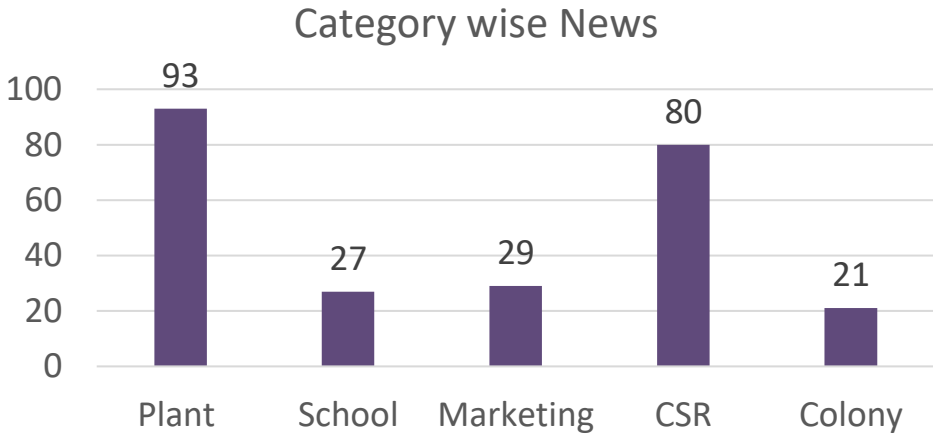
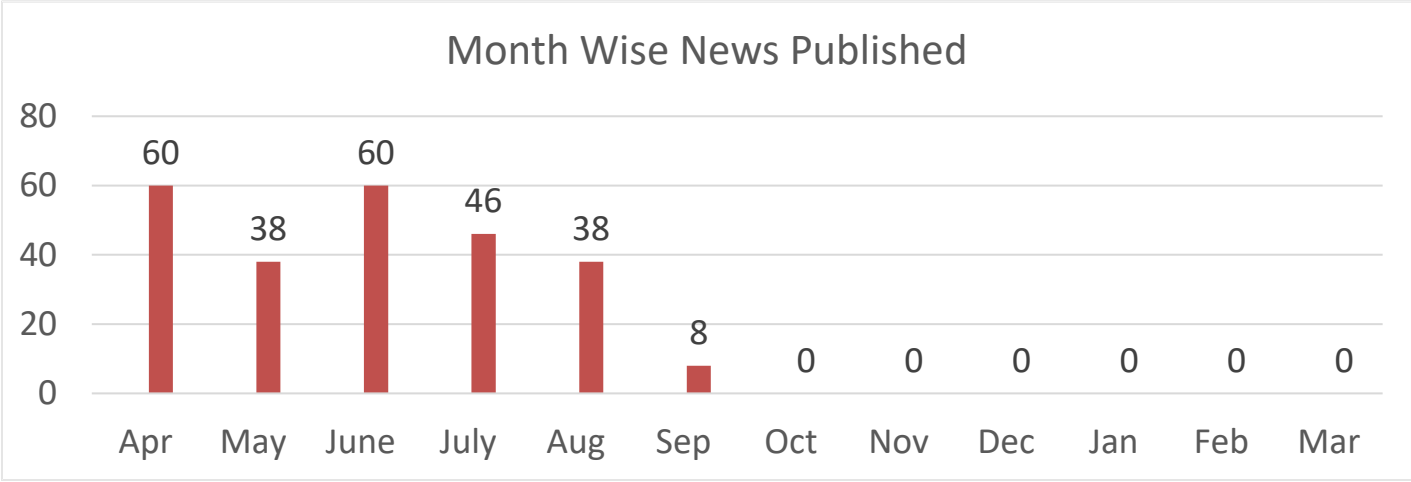
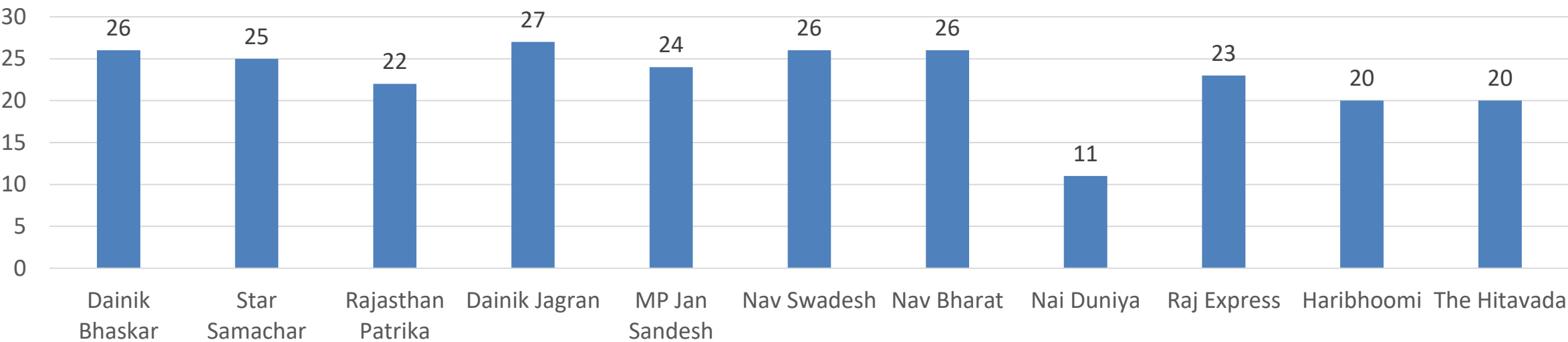




Through Media **Coverage**



# Total News Published Apr to Sep 25: 250









# दैनिक भास्कर

आप पढ़ रहे हैं देश का सबसे विश्वसनीय और नंबर 1 अखबार

## माइंस सेप्टी के लिए प्रिज्म को मिला पुरस्कार



कम्पनी की ओर से  
ये हूए शामिल

रामपुर बघेलन महानिदेशालय खान सुरक्षा (डीजीएमएस) जखलपुर क्षेत्र के तत्कालीन में आयोजित 36वें मेटालिफर्स माइन्स सेप्टी चोक के समान समारोह में प्रिज्म जॉनसन लिमिटेड को कैडेट ओपनकार माइन्स सेप्टी में प्रिज्म सीमेंट लाइमस्टोन माइन्स ने समाज प्रदर्शन सेप्टी में द्वितीय पुरस्कार मिला है। इसके अलावा सुरक्षा जागरूकता एवं पर्यावरण, सुरक्षा प्रबंधन योजना, कल्याणकारी सुविधाएं, विद्युत उपकरणों की सुरक्षा एवं अस्वच्छ निपटन प्रणाली तथा धूम निवारण, सिलिकॉन सेप्टी और स्वास्थ्य जागरूकता जैसे महत्वपूर्ण क्षेत्रों में भी उत्कृष्ट प्रदर्शन के लिए प्रिज्म ने सम्मान हासिल किया।

### पिछले साल हुआ या सुरक्षा अभियान

प्रिज्म के एजीएम सीएसआर एंड डीआर डेवेंद्र मिश्रा ने बताया कि इससे पहले प्रिज्म की खानों ने पिछले साल सफाई और सुरक्षा अभियान में सुरक्षा शुरू किया था। सफाई हर चले इस सुरक्षा अभियान में क्षेत्र की लैंग अस्वच्छ, चूला चर, बावलाइट और मैंगनीज अस्वच्छ की खानों में सफाई अभियानों की। खानों को उनके उत्पादन के आधार पर सिलिकॉन सेप्टी में बांट गया था और उनके सुरक्षा बलकों, जखन प्रणालियों एवं सिलिकॉन सेप्टी के निर्माण के लिए प्रिज्म की ओर से बगलाई और बरकरा लाइमस्टोन माइन्स ने भूमि भिजा।

18.07.2025

# स्टार समाचार

## प्रिज्म को पसंदीदा कार्यस्थल का सम्मान

स्टार समाचार | सतना

प्रिज्म जॉनसन लिमिटेड को सबसे पसंदीदा कार्यस्थल के रूप में सम्मानित किया गया है। यह प्रतिष्ठित पुरस्कार टॉप मासिंग नेटवर्क द्वारा लीडरशिप वेचर्स (रिसर्च पार्टनर) के सहयोग से और इंडिया टुडे, ईवाई व बिजनेस स्टैंड जैसे प्रमुख संस्थानों के साथ मिलकर आयोजित समारोह में प्रिज्म को प्रदान किया गया। प्रिज्म जॉनसन लिमिटेड को एजीएम सीएसआर एवं जनसंपर्क डेवेंद्र मिश्रा ने बताया कि यह पुरस्कार ऐसे संगठनों को दिया जाता है जो कार्यस्थल, संस्कृति, कर्मचारी संतुष्टि और प्रतिभा प्रबंधन में उत्कृष्टता का प्रदर्शन करते हैं।



मैनजर सुशील कुमार एवं असिस्टेंट मैनजर देवेन्द्र कुमार पटेल ने प्राप्त किया। इस अवसर पर प्रिज्म जॉनसन लिमिटेड (सीमेंट डिवीजन) के सीईओ राकेश जैन, कंपनी के मैनेजिंग डायरेक्टर विजय अग्रवाल, कार्यकारी निदेशक एवं सीईओ राकेश जैन, सीएसआर एवं प्रवीर कुमार रे, सीनियर वाइस प्रेसीडेंट एचआरएम एंड कॉर्पोरेट अफेयर्स मनीष कुमार सिन्हा, असिस्टेंट

03.07.2025

# पत्रिका

## प्रिज्म सीमेंट खदान को लगातार दूसरी बार मिली फाइव स्टार रेटिंग

सतना @ पत्रिका प्रिज्म जॉनसन लिमिटेड के अंतर्गत संचालित प्रिज्म सीमेंट चूना पत्थर खदान (बोक्साइट 253.326 हेक्टेयर) को भारतीय खान ब्यूरो द्वारा वर्ष 2023-24 के लिए सतत विकास मूल्यांकन में फाइव स्टार रेटिंग प्रमाण पत्र से सम्मानित किया गया है। यह प्रतिष्ठित सम्मान जयपुर स्थित इंटरनेशनल सेंटर में आयोजित फाइव एंड सेवन स्टार रेटिंग पुरस्कार वितरण समारोह में प्रदान किया गया। कार्यक्रम के मुख्य अतिथि राजस्थान के मुख्यमंत्री भजनलाल शर्मा और केंद्रीय कोयला व खान मंत्री जी. किशन रेड्डी जी। प्रिज्म जॉनसन लिमिटेड की ओर से प्रेसीडेंट मनीष कुमार सिन्हा, माइनिंग हेड विनोद श्रीवास्तव और माइंस हेड



सी.एस. पंडित ने यह सम्मान ग्रहण किया। प्रिज्म जॉनसन लिमिटेड के जनसंपर्क प्रभारी देवेन्द्र मिश्रा ने बताया कि यह सम्मान उन खदानों को दिया जाता है जिनोंने पर्यावरण संरक्षण, सौर ऊर्जा उत्पादन, कोयला व खान मंत्री जी. किशन रेड्डी जी। विकास, सामाजिक जिम्मेदारी और सौरी प्रेसीडेंट मनीष कुमार सिन्हा सहित सभी अधिकारियों और कर्मचारियों ने इस उपलब्धि पर हर्ष व्यक्त किया है।

वर्ष पूरे भारत में केवल 95 खदानों को यह पुरस्कार मिला है, और प्रिज्म सीमेंट की यह खदान लगातार दूसरे वर्ष फाइव स्टार रेटिंग प्राप्त कर रही है। कंपनी के प्रबंध निदेशक विजय अग्रवाल, कार्यकारी निदेशक व सीईओ राकेश जैन, सीनियर वाइस प्रेसीडेंट डॉ. मनीष कुमार सिन्हा सहित सभी अधिकारियों और कर्मचारियों ने इस उपलब्धि पर हर्ष व्यक्त किया है।

09.07.2025

# पत्रिका

## लोनावला के डेला एडवेंचर एंड रिसॉर्ट में समारोह आयोजित पर्यावरण संरक्षण में उत्कृष्ट योगदान पर प्रिज्म जॉनसन को मिला ग्रीन एनवायरनमेंट अवॉर्ड

सतना @ पत्रिका प्रिज्म जॉनसन लिमिटेड को पर्यावरण संरक्षण और सतत विकास में उत्कृष्ट योगदान के लिए प्रथम वार्षिक ग्रीन एनवायरनमेंट पुरस्कार 2025 से सम्मानित किया गया है। यह सम्मान 19 जून को लोनावला के डेला एडवेंचर एंड रिसॉर्ट में आयोजित समारोह में दिया गया, जिसे प्रिज्म की ओर से सहायक महाप्रबंधक बिहारी सिंह श्रेष्ठ ने ग्रहण किया। समारोह में पूर्व केंद्रीय मंत्री पुरेश प्रभु और महाप्रबंधक कृषि मूल्य आयोग अध्यक्ष पारस पटेल निमिष अतिथि रहे। प्रिज्म को यह पुरस्कार जल संरक्षण, हरित ऊर्जा को बढ़ावा, 10



लाख पौधारोपण, कार्बन उत्सर्जन में कमी और प्लास्टिक-अपशिष्ट प्रबंधन जैसे प्रयासों के लिए प्रदान किया गया। इस उपलब्धि पर सीईओ

राकेश जैन, प्लांट हेड मनीष सिंह सहित सभी अधिकारियों ने खूबो खूबो इस उपलब्धि पर हर्ष व्यक्त किया है।

175  
26.06.2025

# दैनिक भास्कर

आप पढ़ रहे हैं देश का सबसे विश्वसनीय और नंबर 1 अखबार

## कलेक्टर ने किया जल संरक्षण कार्यों का अवलोकन

रामपुर बघेलन

गंगाल जल संवर्धन अभियान के अंतर्गत जल संरक्षण को बढ़ावा देने के मकसद से प्रिज्म जॉनसन लिमिटेड ने नरसिंहपुर गांव में तालाब गहरीकरण तथा ग्राम पंचायत अंतर्गत वॉटर हार्वैस्टिंग स्ट्रक्चर का निर्माण कार्य किया। कलेक्टर डॉ. सीता कुमार एस ने बुधवार को इस परियोजना का अवलोकन करते हुए परियोजना अभियान का शुभारंभ भी किया। यह पहल न केवल जल संसाधनों के संरक्षण में सहायक सिद्ध होगी, बल्कि पर्यावरण संतुलन बनाए रखने को दिशा में भी एक सकारात्मक कदम है।



कार्यक्रम में वे रहे मौजूद  
कार्यक्रम में रामपुर बघेलन के एसडीएम आरुण खरे, सीईओ, मुक्त सिंह, प्रकाश नारायण पांडेय एवं प्रेसिडेंट एचआरएम मनीष कुमार

सिन्हा, पीआरओ देवेन्द्र मिश्रा, लक्ष्मी सिंह, रामेश्वर बहादुर सिंह, गंगा सिंह, संजय सिंह पीठार समेत अन्य लोग मौजूद रहे।

04.07.2025

# The Hitavada

## Prism Johnson Limited celebrates Yoga Day



Officers and employees of Prism Johnson Ltd practicing Yoga on International Yoga Day.

■ Staff Reporter

ON THE occasion of International Yoga Day, Prism Johnson Limited Staff Club hosted a yoga camp under the spiritual guidance of Swami Shri Harishchandrannand Saraswati from Shivnagar, Darshan Yogashram, Satna. A large number of women, employees, officers, and colony residents participated and practiced yoga during the session. This year's theme, "Yoga for Our Earth, One Health", highlighted yoga's role in connecting individuals with nature through balance, awareness, and peace. Swami Shri Harishchandrannand Saraswati emphasized that yoga is essential for physical, mental, and spiritual well-being, calling it an ancient Indian science that promotes holistic health. Devendra Mishra, AGM - CSR & Public

Relations, informed that another camp was organized at Government Higher Secondary School, Bamhauri with the company's support. Conducted by yoga instructor Santosh Verma, the session saw enthusiastic participation from teachers, students, and villagers. Free yoga literature was distributed by Shivnagar and Darshan Yogashram. Manish Kumar Singh, Plant Head & President and Manish Kumar Sinha, Senior VP - HRM & Corporate Affairs, extended greetings and encouraged everyone to make yoga a part of their daily lives. The event was attended by R. L. Deshmukh, Manoj Kashyap, Colonel Manish Prasad, Rajni Verma, Vipin Kumar, Devendra Mishra, Prakash Pandey, Sanjay Singh Panigrahi along with numerous officers, employees and residents, making it a grand success.

22.06.2025



# पत्रिका

**लोनावला के डेला एडवेंचर एंड रिसॉर्ट में समारोह आयोजित पर्यावरण संरक्षण में उत्कृष्ट योगदान पर प्रिज्म जॉनसन को मिला ग्रीन एनवायरो अवॉर्ड**

सतना @ पत्रिका. प्रिज्म जॉनसन लिमिटेड को पर्यावरण संरक्षण और सतत विकास में उल्लेखनीय योगदान के लिए प्रथम वार्षिक ग्रीन एनवायरो पर्यावरण पुरस्कार 2025 से सम्मानित किया गया है। यह सम्मान 19 जून को लोनावला के डेला एडवेंचर एंड रिसॉर्ट में आयोजित समारोह में दिया गया, जिसे प्रिज्म की ओर से सहायक महाप्रबंधक बिहारी सिंह शेखावत ने ग्रहण किया। समारोह में पूर्व केंद्रीय मंत्री सुरेश प्रभु और महाराष्ट्र कृषि मूल्य आयोग के अध्यक्ष पासरा पटेल विशिष्ट अतिथि रहे। प्रिज्म को यह पुरस्कार जल संरक्षण, हरित ऊर्जा को बढ़ावा, 10

लाख पौधारोपण, कार्बन उत्सर्जन में कमी और प्लास्टिक-अवशेष प्रबंधन जैसे प्रयासों के लिए प्रदान किया गया। इस उपलब्धि पर सीईओ रमेश जैन, प्लांट हेड मनीष सिंह और एक्सीक्यूटिव डायरेक्टर प्रदीप शर्मा ने प्रशंसा व्यक्त की।

26.06.2025

# दैनिक भास्कर



**प्रिज्म को मिला 24वां ग्लोबल ग्रीनटेक पर्यावरण पुरस्कार**

समस्त कोकन। प्रिज्म जॉनसन लिमिटेड को ग्लोबल ग्रीनटेक पर्यावरण पुरस्कार 2025 से सम्मानित किया गया है। यह सम्मान 12 जून को नई दिल्ली में आयोजित एक समारोह के दौरान दिया गया। प्रिज्म की ओर से अतिथि गेस्ट प्रिज्म एंड एंजिनीयरिंग लिमिटेड के अध्यक्ष सुरेश प्रभु और महाराष्ट्र कृषि मूल्य आयोग के अध्यक्ष पासरा पटेल विशिष्ट अतिथि रहे। प्रिज्म को यह पुरस्कार जल संरक्षण, हरित ऊर्जा को बढ़ावा, 10

18.06.2025

# The Hita Yada

**Prism Johnson Limited celebrates Yoga Day**



Officers and employees of Prism Johnson Ltd practicing Yoga on International Yoga Day.

■ Staff Reporter

ON THE occasion of International Yoga Day, Prism Johnson Limited Staff Club hosted a yoga camp under the spiritual guidance of Swami Shri Harishradhdhanand Saraswati from Shivanand Darshan Yogashram, Satna. A large number of women, employees, officers, and colony residents participated and practiced yoga during the session. This year's theme, "Yoga for One Earth, One Health," highlighted yoga's role in connecting individuals with nature through balance, awareness, and peace. Swami Shri Harishradhdhanand Saraswati emphasized that yoga is essential for physical, mental, and spiritual well-being, calling it an ancient Indian science that promotes holistic health. Devendra Mishra, AGM – CSR & Public

Relations, informed that another camp was organized at Government Higher Secondary School, Bamhauri with the company's support. Conducted by yoga instructor Santosh Verma, the session saw enthusiastic participation from teachers, students, and villagers. Free yoga literature was distributed by Shivanand Darshan Yogashram. Manish Kumar Singh, Plant Head & President and Manish Kumar Sinha, Senior VP – HRM & Corporate Affairs, extended greetings and encouraged everyone to make yoga a part of their daily lives. The event was attended by R L Deshmukh, Manoj Kashyap, Colonel Manish Prasad, Ranjan Verma, Vipin Kumar Devendra Mishra, Prakash Pandey, Sanjay Singh Parihar, along with numerous officers, employees and residents, making it a grand success.

22.06.2025

# दैनिक भास्कर



**लांच की गई प्रिज्म चैंपियन ऑल वेदर गोल्ड शील्ड सीमेंट**

समस्त कोकन। प्रिज्म जॉनसन लिमिटेड ने नई दिल्ली में आयोजित एक कार्यक्रम में 'ऑल वेदर गोल्ड शील्ड सीमेंट' की लांचिंग की। इस नई सीमेंट को 'ऑल वेदर गोल्ड शील्ड' नाम दिया गया है, जो अत्यंत दृढ़ और लचीला है। प्रिज्म जॉनसन लिमिटेड के अध्यक्ष सुरेश प्रभु और महाराष्ट्र कृषि मूल्य आयोग के अध्यक्ष पासरा पटेल विशिष्ट अतिथि रहे। प्रिज्म को यह पुरस्कार जल संरक्षण, हरित ऊर्जा को बढ़ावा, 10

176

12.06.2025

# दैनिक भास्कर

आप पढ़ रहे हैं देश का सबसे विश्वसनीय और नंबर 1 अखबार

**प्रिज्म को 11वां ग्रीनटेक सीएसआर इंडिया अवॉर्ड**



समस्त कोकन। प्रिज्म जॉनसन लिमिटेड को ग्रीनटेक सीएसआर इंडिया अवॉर्ड 2025 से सम्मानित किया गया। यह अवॉर्ड प्रिज्म को जल संरक्षण, हरित ऊर्जा को बढ़ावा, 10

**अधिकारियों ने प्रसन्नता व्यक्त की**

इस उपलब्धि पर कंपनी के कार्यकारी निदेशक एवं सीईओ रमेश जैन, प्रेसीडेंट एंड प्लांट हेड मनीष सिंह, सीनियर वीसी प्रदीप शर्मा, एचआरएम एंड कॉर्पोरेट अफेयर्स मनीष कुमार सिन्हा एवं अन्य वरिष्ठ अधिकारियों एवं कर्मचारियों ने हर्ष व्यक्त करते हुए कहा कि प्रिज्म जॉनसन लिमिटेड समाज के विकास के लिए लंबे समय से समर्पित है। कंपनी ग्रामीण क्षेत्रों में शिक्षा के अवसर बढ़ाने, स्वास्थ्य सुविधाएं सुलभ बनाने, पर्यावरण संरक्षण को बढ़ावा देने तथा विश्व स्तरीय योगदानों को प्रति देने में महत्वपूर्ण भूमिका निभा रही है।

21.06.2025

# राज एक्सप्रेस

**पर्यावरण दिवस** प्रिज्म जॉनसन लिमिटेड ने विश्व पर्यावरण दिवस 2025 के अवसर पर सप्ताह भर चला अभियान



**कॉलोनी व प्लांट में वर्षा जल संचयन के लिए दिए सुझाव**

समस्त कोकन। प्रिज्म जॉनसन लिमिटेड ने विश्व पर्यावरण दिवस 2025 के अवसर पर सप्ताह भर चला अभियान। इस अभियान में कॉलोनी व प्लांट में वर्षा जल संचयन के लिए दिए गए सुझावों का उद्देश्य जल संकट को गंभीरता से देखना और जल संचयन को प्रोत्साहित करना है। प्रिज्म जॉनसन लिमिटेड के अध्यक्ष सुरेश प्रभु और महाराष्ट्र कृषि मूल्य आयोग के अध्यक्ष पासरा पटेल विशिष्ट अतिथि रहे। प्रिज्म को यह पुरस्कार जल संरक्षण, हरित ऊर्जा को बढ़ावा, 10

06.06.2025



# Thank You





# **Annexure 20**

## **Vibration Reports**

Date/Time Vert at 13:37:58 January 11, 2025  
 Trigger Source Geo: 1.500 mm/s  
 Range Geo: 254.0 mm/s  
 Record Time 2.25 sec at 1024 sps  
 Operator/Setup: Operator/factory.mmb

Serial Number UM8131 V 10-76 Micromate ISEE  
 Battery Level 3.8 Volts  
 Unit Calibration March 1, 2025 by UES New Delhi  
 File Name \_TEMP.EVT

**Notes**  
 Location: Amalgamated Prism cement & Bandarkha Mine  
 Client:  
 User Name: PRISM JOHNSON LIMITED  
 General:

**Post Event Notes**  
 MNK 6th Bench L/S South No Of Hole =35 nos Depth=7.72 mtr  
 Charge/Delay=41.66 kg. Obergervation Distance =550 mtr,

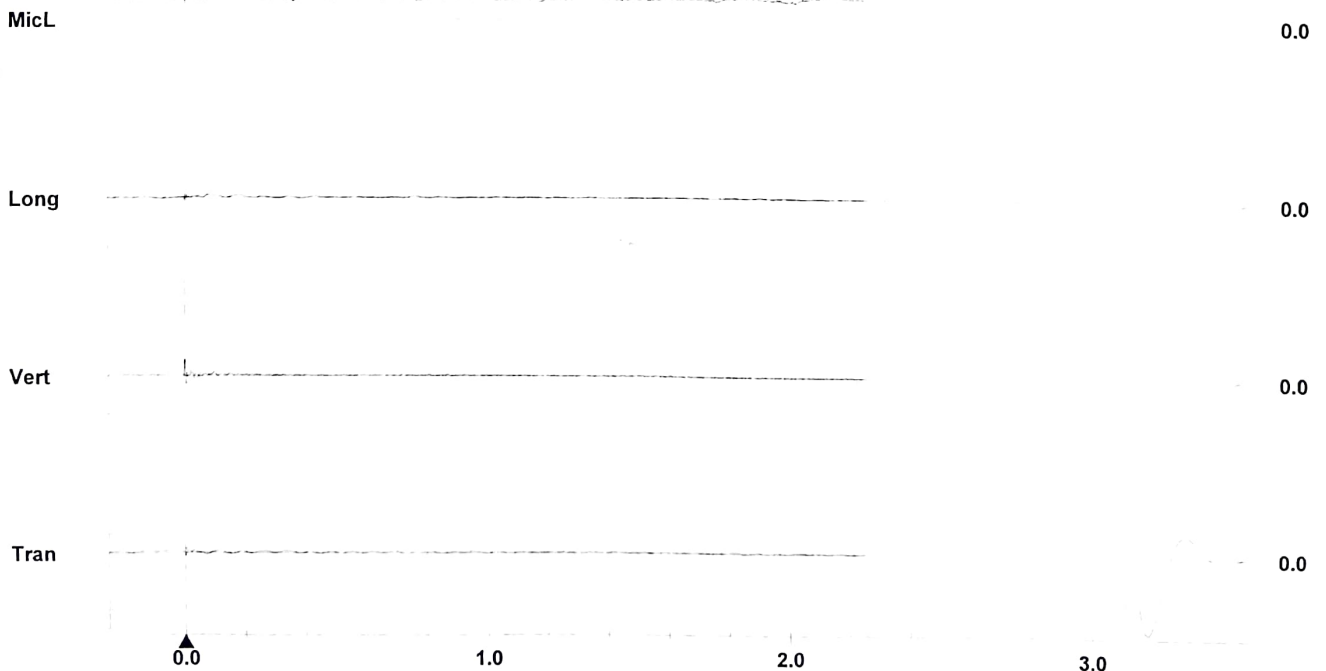
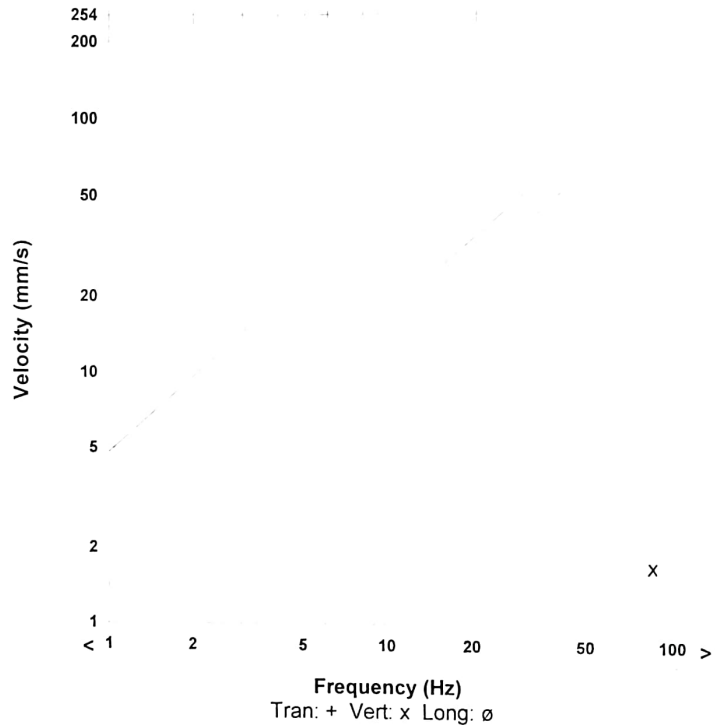
**Extended Notes**  
 AMALGAMATED PRISM CEMENT BANDARKHA MINE

Microphone Linear Weighting  
 PSPL 1.055 pa.(L) at 2.107 sec  
 ZC Freq N/A  
 Channel Test Check (Freq = 0.0 Hz Amp = 0 mv )

	Tran	Vert	Long	
PPV	0.552	1.710	0.363	mm/s
ZC Freq	>100	85	>100	Hz
Time (Rel. to Trig)	0.005	0.000	0.003	sec
Peak Acceleration	0.067	0.111	0.042	g
Peak Displacement	0.016	0.019	0.007	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.7	7.1	Hz
Overswing Ratio	3.6	3.4	3.6	

Peak Vector Sum 1.792 mm/s at 0.000 sec  
 N/A: Not Applicable

## USBM RI8507 And OSMRE



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

Sensor Check



Date/Time Vert at 13:38:22 February 1, 2025  
 Trigger Source Geo: 1 500 mm/s  
 Range Geo: 254.0 mm/s  
 Record Time 1.75 sec at 1024 sps  
 Operator/Setup: Operator/factory mmb

Serial Number UM8131 V 10-76 Micromate ISEE  
 Battery Level 3.8 Volts  
 Unit Calibration March 1, 2025 by UES New Delhi  
 File Name \_TEMP EVT

**Notes**  
 Location: Amalgamated Prism cement & Bandarkha Mine  
 Client:  
 User Name: PRISM JOHNSON LIMITED  
 General:

**Post Event Notes**  
 MNK 2nd Bench WR North No Of Hole =31 nos, Depth=9.01 mtr,  
 Charge/Delay=50.80 kg, Observation Distance=600 mtr,

**Extended Notes**  
 AMALGAMATED PRISM CEMENT BANDARKHA MINE

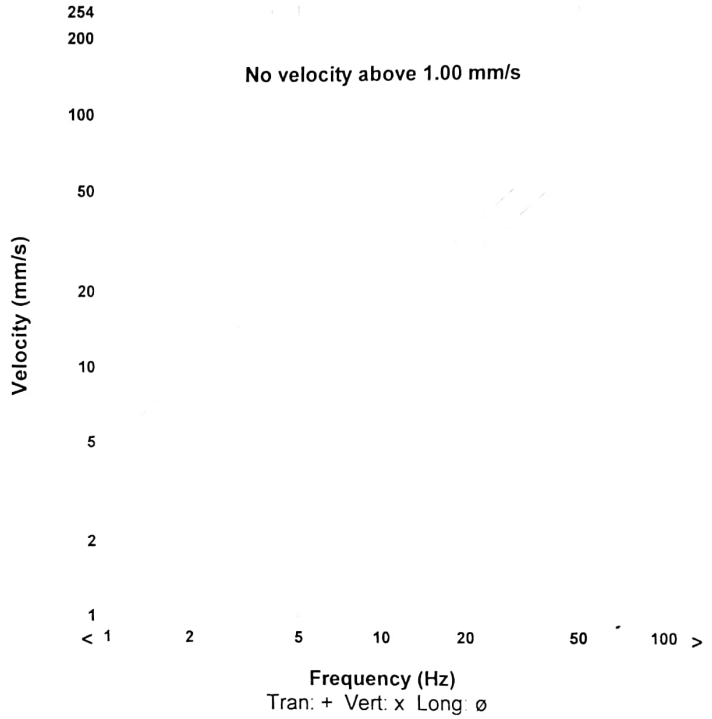
Microphone Linear Weighting  
 PSPL 1.008 pa.(L) at 1.513 sec  
 ZC Freq N/A  
 Channel Test Check (Freq = 0.0 Hz Amp = 0 mv )

	Tran	Vert	Long	
PPV	0.906	1.750	0.623	mm/s
ZC Freq	2.3	N/A	9.3	Hz
Time (Rel. to Trig)	0.075	0.000	0.031	sec
Peak Acceleration	0.048	0.089	0.039	g
Peak Displacement	0.029	0.032	0.012	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.7	7.3	Hz
Overswing Ratio	3.7	3.4	3.7	

Peak Vector Sum 1.759 mm/s at 0.000 sec  
 N/A: Not Applicable

**USBM RI8507 And OSMRE**

No velocity above 1.00 mm/s



MicL 0.0

Long 0.0

Vert 0.0

Tran 0.0

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

Sensor Check

**Date/Time** Vert at 13 47 37 March 24, 2025  
**Trigger Source** Geo: 1 500 mm/s  
**Range** Geo: 254 0 mm/s  
**Record Time** 1.25 sec at 1024 sps  
**Operator/Setup:** Operator/factory.mmb

**Serial Number** UM8131 V 10-76 Micromate ISEE  
**Battery Level** 3.8 Volts  
**Unit Calibration** March 1, 2025 by UES New Delhi  
**File Name** \_\_TEMP EVT

## Notes

**Location** Amalgamated Prism cement & Bandarkha Mine  
**Client**  
**User Name:** PRISM JOHNSON LIMITED  
**General:**

## Post Event Notes

MNK 5th Bench L/S 66 No. No Of Hole =13 nos, Depth=8 40 mtr,  
 Charge/Delay=42.30 kg, Obgervation Distance=600 mtr,

## Extended Notes

AMALGAMATED PRISM CEMENT BANDARKHA MINE

**Microphone** Linear Weighting

**PSPL** 1.055 pa (L) at 0.004 sec

**ZC Freq** N/A

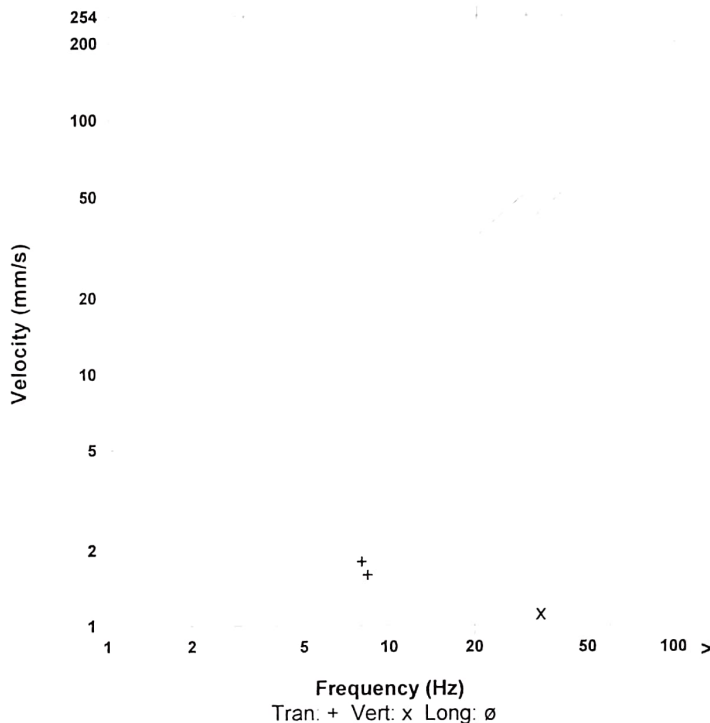
**Channel Test** Check (Freq = 0.0 Hz Amp = 0 mv )

	Tran	Vert	Long	
PPV	1.789	1.970	0.788	mm/s
ZC Freq	8.0	N/A	9.5	Hz
Time (Rel. to Trig)	0.024	0.001	0.031	sec
Peak Acceleration	0.045	0.143	0.046	g
Peak Displacement	0.028	0.025	0.013	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.7	7.1	Hz
Overswing Ratio	3.7	3.4	3.6	

**Peak Vector Sum** 2.037 mm/s at 0.001 sec

N/A: Not Applicable

## USBM RI8507 And OSMRE



MicL 0.0

Long 0.0

Vert 0.0

Tran 0.0

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

Sensor Check



Date/Time Vert at 13 48 29 April 7, 2025  
 Trigger Source Geo 1 500 mm/s  
 Range Geo 254 0 mm/s  
 Record Time 1 25 sec at 1024 sps  
 Operator/Setup: Operator/factory mmb

Serial Number UM8131 V 10-76 Micromate ISEE  
 Battery Level 3 8 Volts  
 Unit Calibration March 1, 2025 by UES New Delhi  
 File Name \_TEMP EVT

**Notes**

Location: Amalgamated Prism cement & Bandarkha Mine  
 Client  
 User Name: PRISM JOHNSON LIMITED  
 General:

**Post Event Notes**

MNK 2nd Bench WR North No Of Hole =68 nos, Depth=7 38 mtr  
 Charge/Delay=36 76 kg, Obgervation Distance=600 mtr,

**Extended Notes**

AMALGAMATED PRISM CEMENT BANDARKHA MINE

Microphone Linear Weighting

PSPL 1 008 pa (L) at -0 228 sec

ZC Freq N/A

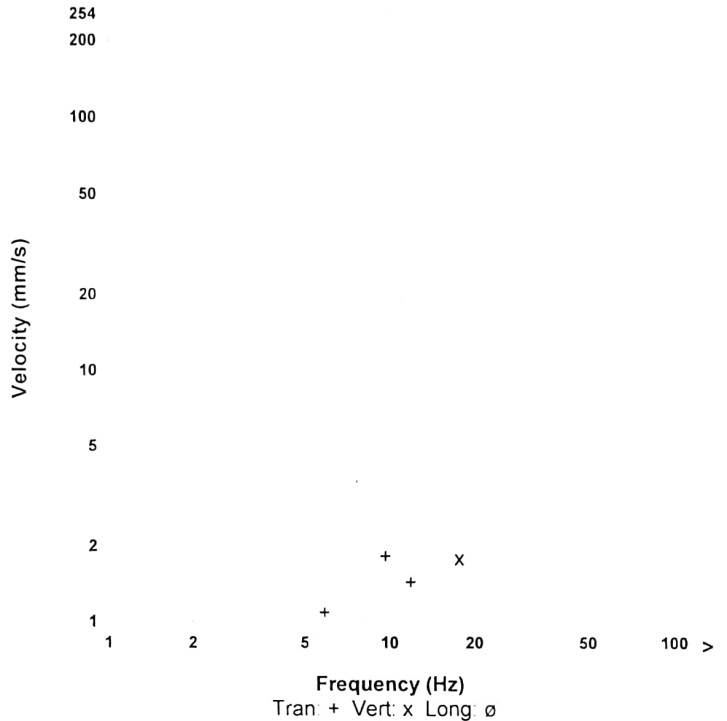
Channel Test Check (Freq = 0 0 Hz Amp = 0 mv )

	Tran	Vert	Long	
PPV	1 821	1 789	0 615	mm/s
ZC Freq	9 7	18	12	Hz
Time (Rel. to Trig)	0 036	0 000	0 001	sec
Peak Acceleration	0 053	0 121	0 031	g
Peak Displacement	0 032	0 004	0 010	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7 3	7 7	7 1	Hz
Overswing Ratio	3 6	3 4	3 5	

Peak Vector Sum 2 082 mm/s at 0 000 sec

N/A: Not Applicable

**USBM RI8507 And OSMRE**



MicL 0.0

Long 0.0

Vert 0.0

Tran 0.0

0.0

1.0

2.0

Time Scale: 0 20 sec/div Amplitude Scale: Geo: 2 000 mm/s/div Mic: 1 000 pa (L)/div  
 Trigger = ▶ ◀

Sensor Check

**Date/Time** Vert at 13 46 16 May 2, 2025  
**Trigger Source** Geo 1 500 mm/s  
**Range** Geo 254 0 mm/s  
**Record Time** 1 75 sec at 1024 sps  
**Operator/Setup:** Operator/factory mmb

**Serial Number** UM8131 V 10-76 Micromate ISEE  
**Battery Level** 3 8 Volts  
**Unit Calibration** March 1, 2025 by UES New Delhi  
**File Name** \_\_TEMP EVT

**Notes**

**Location** Amalgamated Prism cement & Bandarkha Mine  
**Client**  
**User Name** PRISM JOHNSON LIMITED  
**General**

**Post Event Notes**

MNK 6th Bench L/S 66 No South No Of Hole =58 nos, Depth=8 49 mtr, Charge/Delay=42 24 kg, Obgervation Distance=600 mtr,

**USBM RI8507 And OSMRE**

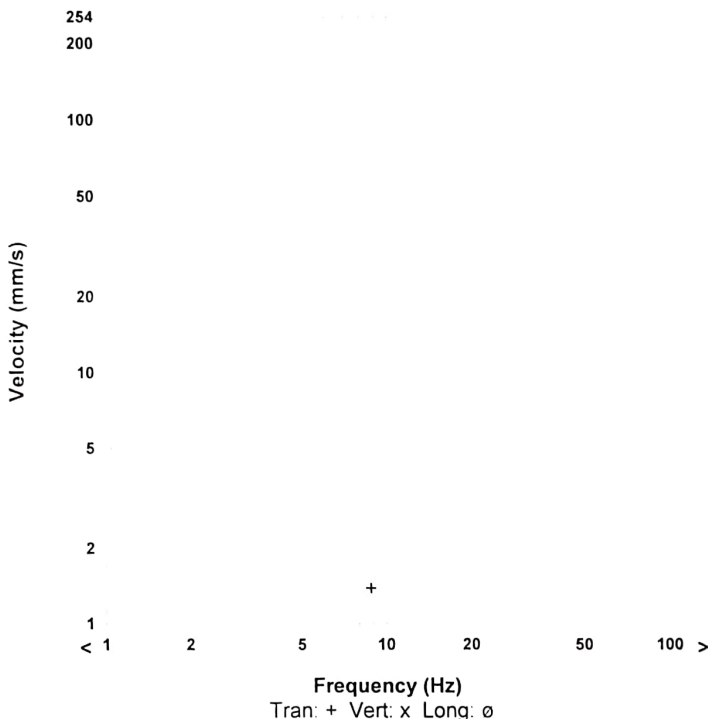
**Extended Notes**

AMALGAMATED PRISM CEMENT BANDARKHA MINE

**Microphone** Linear Weighting  
**PSPL** 1 008 pa (L) at 0 005 sec  
**ZC Freq** N/A  
**Channel Test** Check (Freq = 0 0 Hz Amp = 0 mv )

	Tran	Vert	Long	
PPV	1 379	2 120	0 418	mm/s
ZC Freq	8 8	N/A	15	Hz
Time (Rel. to Trig)	0 078	0 001	0 009	sec
Peak Acceleration	0 066	0 136	0 035	g
Peak Displacement	0 029	0 038	0 020	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7 3	7 7	7 1	Hz
Overswing Ratio	3 7	3 4	3 6	

**Peak Vector Sum** 2 174 mm/s at 0 000 sec  
**N/A:** Not Applicable



**MicL** 0.0

**Long** 0.0

**Vert** 0.0

**Tran** 0.0

0.0 1.0 2.0

**Time Scale:** 0 20 sec/div **Amplitude Scale:** Geo: 2 000 mm/s/div Mic: 1 000 pa (L)/div  
**Trigger =** ▶ ◀

Sensor Check



Date/Time Vert at 13:53:40 June 2, 2025  
 Trigger Source Geo 1.500 mm/s  
 Range Geo 254.0 mm/s  
 Record Time 2.75 sec at 1024 sps  
 Operator/Setup: Operator/factory mmb

Serial Number UM8131 V 10-76 Micromate ISEE  
 Battery Level 3.8 Volts  
 Unit Calibration March 1, 2025 by UES New Delhi  
 File Name \_TEMP.EVT

**Notes**

Location: Amalgamated Prism cement & Bandarkha Mine  
 Client:  
 User Name: PRISM JOHNSON LIMITED  
 General:

**Post Event Notes**

MNK 5th Bench L/S 66 No. South No. Of Hole = 70  
 nos, Depth = 4.94 mtr, Charge/Delay = 20.71 kg, Observation  
 Distance = 600 mtr,

**USBM RI8507 And OSMRE**

**Extended Notes**

AMALGAMATED PRISM CEMENT BANDARKHA MINE

Microphone Linear Weighting  
 PSPL 1.102 pa (L) at 0.004 sec  
 ZC Freq N/A  
 Channel Test Check (Freq = 0.0 Hz Amp = 0 mv)

254  
200

100

50

20

10

5

2

1

< 1

2

5

10

20

50

100

>

Frequency (Hz)

Tran: + Vert: x Long: o

Velocity (mm/s)

	Tran	Vert	Long	
PPV	1.521	1.939	0.733	mm/s
ZC Freq	8.0	N/A	9.3	Hz
Time (Rel. to Trig)	0.078	0.000	0.031	sec
Peak Acceleration	0.066	0.097	0.025	g
Peak Displacement	0.032	0.062	0.017	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.7	7.1	Hz
Overswing Ratio	3.6	3.4	3.5	

Peak Vector Sum 2.052 mm/s at 0.000 sec

N/A: Not Applicable

MicL 0.0

Long 0.0

Vert 0.0

Tran 0.0

0.0

1.0

2.0

3.0

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

Sensor Check

Date/Time Vert at 13 45 56 July 1, 2025  
 Trigger Source Geo 1 500 mm/s  
 Range Geo 254 0 mm/s  
 Record Time 1 75 sec at 1024 sps  
 Operator/Setup: Operator/factory mmb

Serial Number UM8131 V 10-76 Micromate ISEE  
 Battery Level 3.8 Volts  
 Unit Calibration March 1, 2025 by UES New Delhi  
 File Name \_TEMP EVT

## Notes

Location Amalgamated Prism cement & Bandarkha Mine  
 Client  
 User Name PRISM JOHNSON LIMITED  
 General

## Post Event Notes

MNK/5rd Bench (chachri) No of Hole=78 nos, Depth=9.0 mtrs  
 , Charge/Del. ay=52.66 kg, Obervation Distance =500 mtr

## Extended Notes

AMALGAMATED PRISM CEMENT BANDARKHA MINE

Microphone Linear Weighting

PSPL 0.962 pa.(L) at 0.008 sec

ZC Freq N/A

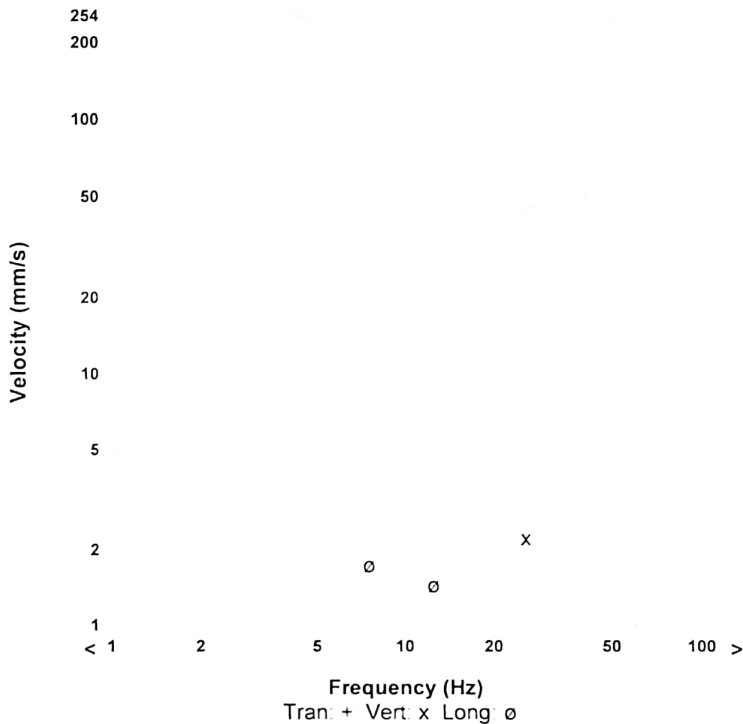
Channel Test Check (Freq = 0.0 Hz Amp = 0 mv )

	Tran	Vert	Long	
PPV	0.607	2.223	1.734	mm/s
ZC Freq	8.1	26	7.5	Hz
Time (Rel. to Trig)	0.064	0.017	0.053	sec
Peak Acceleration	0.007	0.059	0.014	g
Peak Displacement	0.014	0.027	0.036	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.7	7.1	Hz
Overswing Ratio	3.7	3.3	3.6	

Peak Vector Sum 2.482 mm/s at 0.004 sec

N/A: Not Applicable

## USBM RI8507 And OSMRE



MicL 0.0

Long 0.0

Vert 0.0

Tran 0.0

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

Sensor Check



Date/Time Vert at 14 46 12 August 4, 2025  
 Trigger Source Geo 1 500 mm/s  
 Range Geo 254 0 mm/s  
 Record Time 1.75 sec at 1024 sps  
 Operator/Setup: Operator/factory mmb

Serial Number UM8131 V 10-76 Micromate ISEE  
 Battery Level 3.8 Volts  
 Unit Calibration March 1, 2025 by UES New Delhi  
 File Name \_\_TEMP EVT

**Notes**

Location Amalgamated Prism cement &Bandarkha Mine  
 Client  
 User Name: PRISM JOHNSON LIMITED  
 General:

**Post Event Notes**

GRW 1st Bench wr No of Hole=10 nos,Depth=5.90  
 mtr,Charge/Delay=25 0 kg, Obgervation Distance From Blating Face  
 =250 mtr,

**Extended Notes**

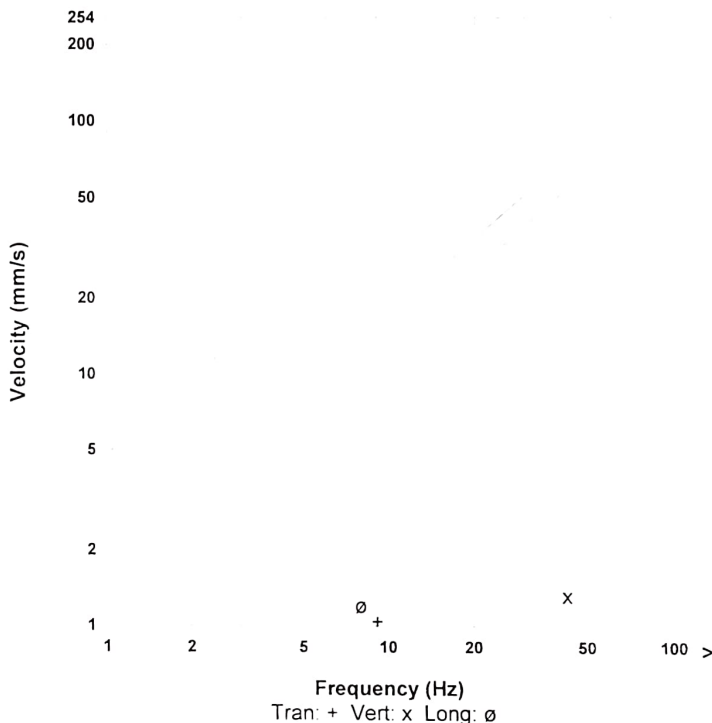
AMALGAMATED PRISM CEMENT BANDARKHA MINE

Microphone Linear Weighting  
 PSPL 0.993 pa (L) at 1.105 sec  
 ZC Freq N/A  
 Channel Test Check (Freq = 0.0 Hz Amp = 0 mv )

	Tran	Vert	Long	
PPV	1.040	2.286	1.206	mm/s
ZC Freq	9.1	N/A	8.0	Hz
Time (Rel. to Trig)	0.065	0.001	1.092	sec
Peak Acceleration	0.076	0.128	0.063	g
Peak Displacement	0.021	0.026	0.022	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.7	7.1	Hz
Overswing Ratio	3.7	3.4	3.6	

Peak Vector Sum 2.368 mm/s at 0.001 sec  
 N/A: Not Applicable

**USBM RI8507 And OSMRE**



MicL 0.0

Long 0.0

Vert 0.0

Tran 0.0

0.0

1.0

2.0

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

Sensor Check

Date/Time Tran at 14:00:32 September 2, 2025  
 Trigger Source Geo: 1.500 mm/s, Mic: 100.0 dB(L)  
 Range Geo: 254.0 mm/s  
 Record Time 1.0 sec at 1024 sps  
 Job Number: 1

Serial Number BE15438 V 10.72-1.1 Minimate Blaster  
 Battery Level 6.1 Volts  
 Unit Calibration January 3, 2025 by UES New Delhi  
 File Name \_\_TEMP.EVT

**Notes**  
 Location: Amalgamated Prism cement & Bandarkha mine  
 Client:  
 User Name: PRISM JOHNSON LIMITED  
 General:

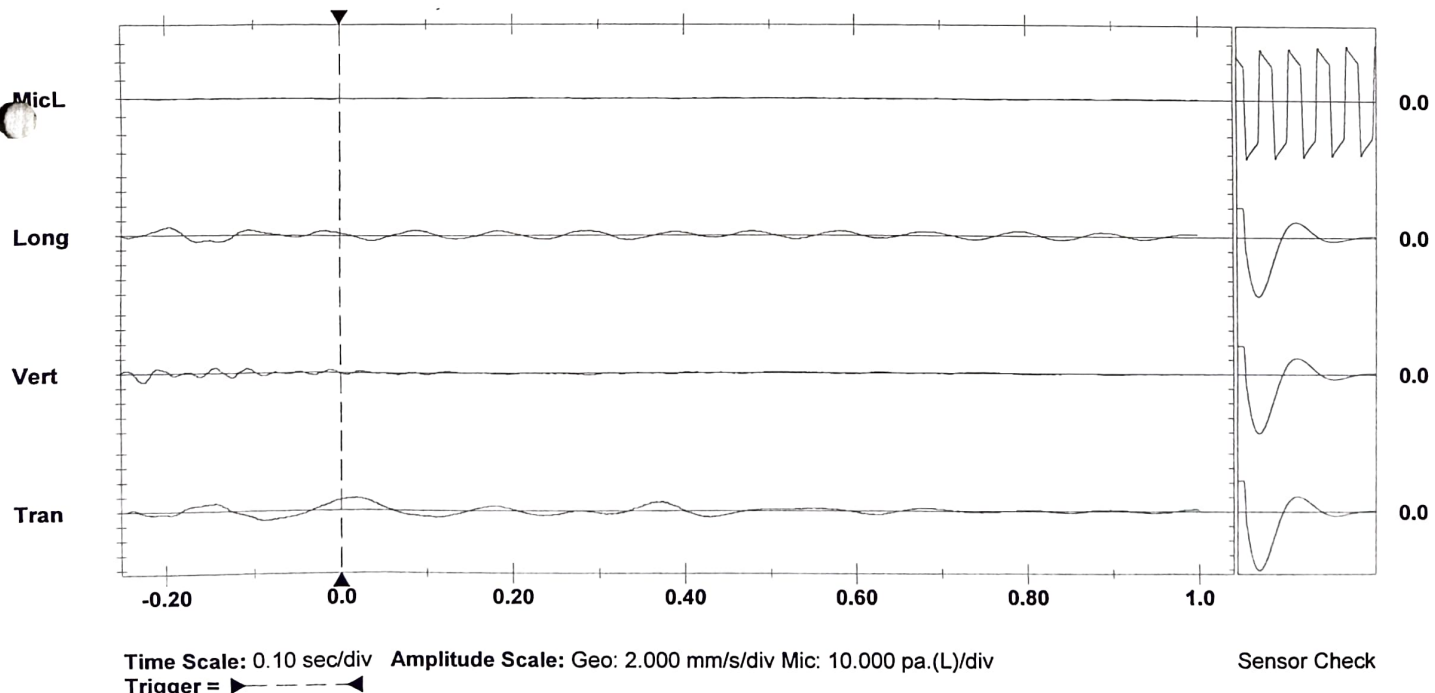
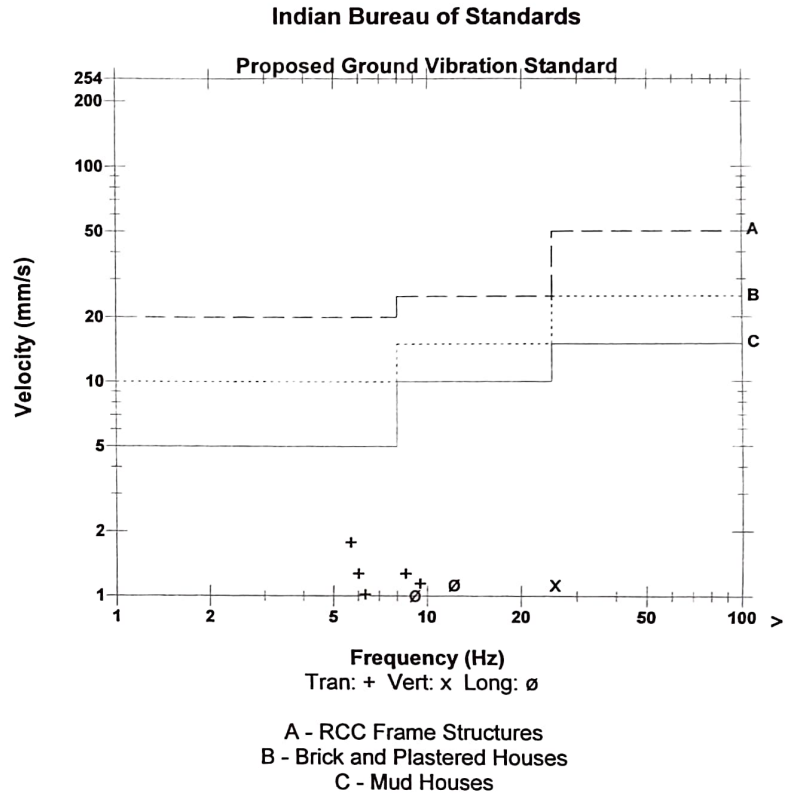
**Post Event Notes**  
 MNK 4th BENCH NDLS EAST SIDE NO OF HOLE=22 NOS,  
 DEPTH=6.0 MTR, CHARGE/DELAY=28.40 KG. OBSERVATION  
 DISTANCE =550 MTR

**Extended Notes**  
 AMALAGAMATED PRISM CEMENT & BANDARKHA MINES

Microphone Linear Weighting  
 PSPL <88 dB(L)  
 ZC Freq >100 Hz  
 Channel Test Passed (Freq = 20.1 Hz Amp = 544 mv )

	Tran	Vert	Long	
PPV	1.778	1.143	1.143	mm/s
PPV	56.00	52.16	52.16	dB
ZC Freq	5.7	26	12	Hz
Time (Rel. to Trig)	0.013	-0.228	-0.199	sec
Peak Acceleration	0.027	0.027	0.027	g
Peak Displacement	0.048	0.008	0.020	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.4	7.5	7.6	Hz
Overswing Ratio	3.9	3.6	3.9	

Peak Vector Sum 1.787 mm/s at 0.018 sec  
 N/A: Not Applicable





Date/Time Tran at 13:56:39 October 28, 2025  
 Trigger Source Geo: 1.500 mm/s, Mic: 100.0 dB(L)  
 Range Geo: 254.0 mm/s  
 Record Time 1.0 sec at 1024 sps  
 Job Number: 1

Serial Number BE15438 V 10.72-1.1 Minimate Blaster  
 Battery Level 6.1 Volts  
 Unit Calibration January 3, 2025 by UES New Delhi  
 File Name \_TEMP.EVT

**Notes**  
 Location: Amalgamated Prism cement & Bandarkha mine  
 Client:  
 User Name: PRISM JOHNSON LIMITED  
 General:

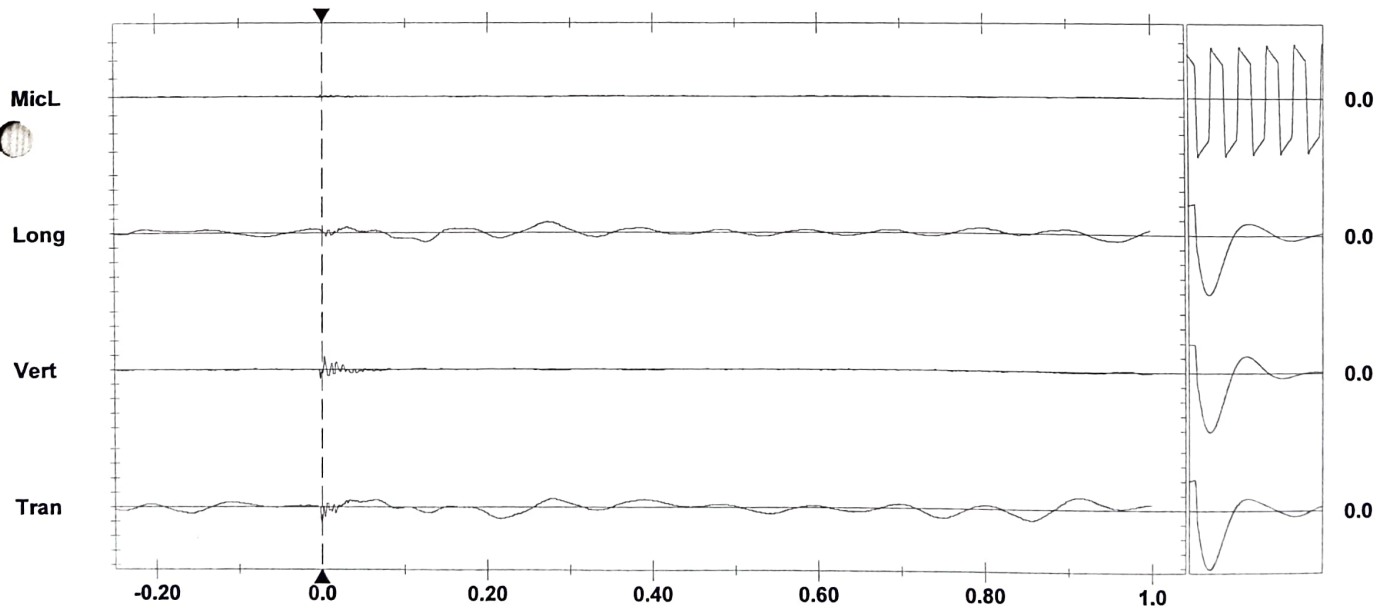
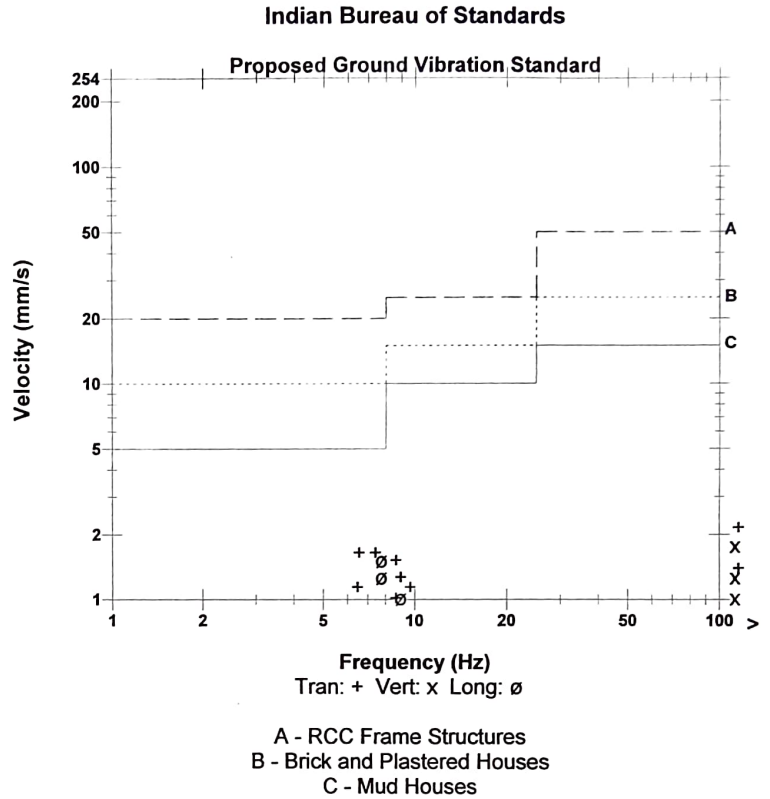
**Post Event Notes**  
 MNK 5th BENCH L/MGO L/S EAST SIDE NO OF HOLE= 54 NOS,  
 DEPTH=8.20 MTR, CHARGE/HOLE=45.83 KG, OBGERVATION  
 DISTANCE=550 MTR,

**Extended Notes**  
 AMALAGAMATED PRISM CEMENT & BANDARKHA MINES

Microphone Linear Weighting  
 PSPL 93.98 dB(L) at -0.002 sec  
 ZC Freq >100 Hz  
 Channel Test Passed (Freq = 20.1 Hz Amp = 504 mv )

	Tran	Vert	Long	
PPV	2.159	1.778	1.524	mm/s
PPV	57.69	56.00	54.66	dB
ZC Freq	>100	>100	7.8	Hz
Time (Rel. to Trig)	0.000	0.003	0.271	sec
Peak Acceleration	0.133	0.119	0.066	g
Peak Displacement	0.038	0.002	0.028	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.4	7.6	7.4	Hz
Overswing Ratio	4.9	3.5	4.9	

Peak Vector Sum 2.321 mm/s at 0.000 sec



Date/Time Tran at 13:47:00 November 14, 2025  
 Trigger Source Geo: 1.500 mm/s  
 Range Geo: 254.0 mm/s  
 Record Time 3.0 sec at 1024 sps  
 Operator/Setup: Operator/factory.mmb

Serial Number UM8131 V 10-76 Micromate ISEE  
 Battery Level 3.8 Volts  
 Unit Calibration March 1, 2025 by UES New Delhi  
 File Name \_TEMP.EVT

**Notes**  
 Location: Amalgamated Prism cement & Bandarkha Mine  
 Client:  
 User Name: PRISM JOHNSON LIMITED  
 General:

**Post Event Notes**  
 MNK H/MGO 6 th BENCH L/S SOUTH SIDE NO OF HOLE=49  
 NOS,DEPHT =6.10 MTR, CHARGE/HOLE=28.06  
 KG,OBGERVATION DISTANCE =550 MTR,

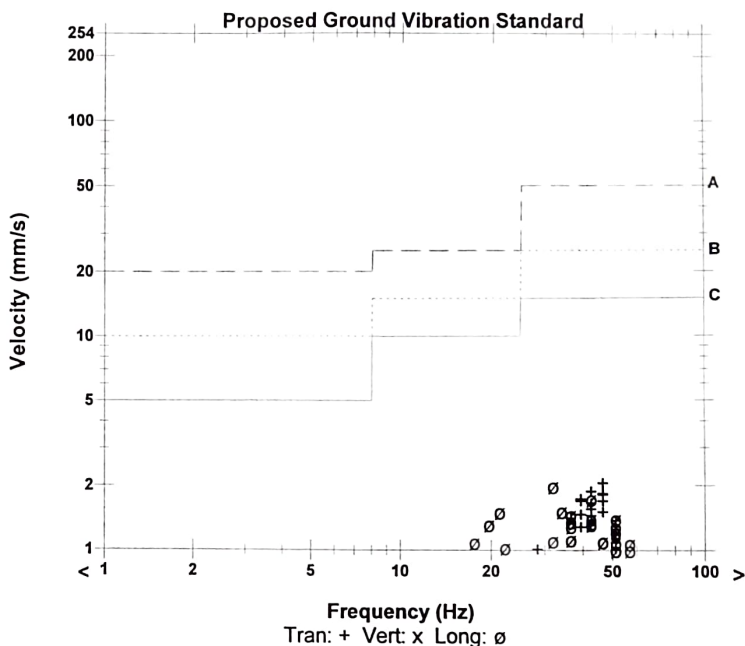
**Extended Notes**  
 AMALGAMATED PRISM CEMENT BANDARKHA MINE

Microphone Linear Weighting  
 PSPL <88 dB(L)  
 ZC Freq >100 Hz  
 Channel Test Check (Freq = 0.0 Hz Amp = 0 mv )

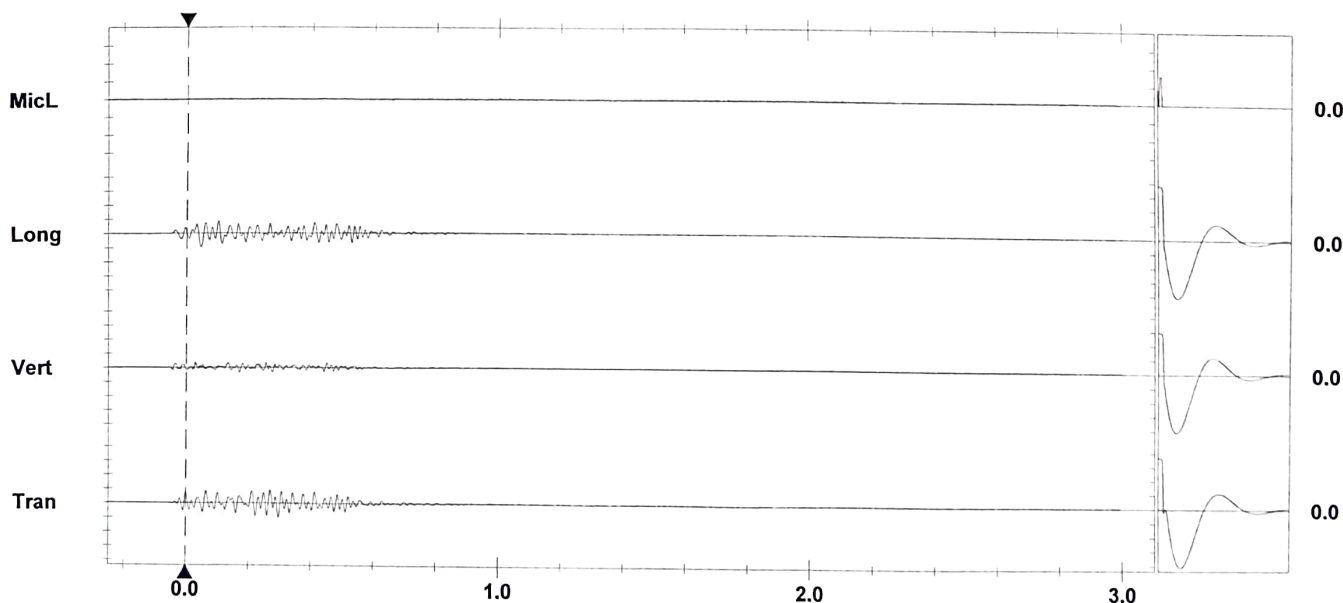
	Tran	Vert	Long	
PPV	2.049	0.765	1.978	mm/s
PPV	57.23	48.67	56.93	dB
ZC Freq	47	57	32	Hz
Time (Rel. to Trig)	0.298	0.028	0.045	sec
Peak Acceleration	0.060	0.052	0.049	g
Peak Displacement	0.011	0.028	0.010	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.7	7.1	Hz
Overswing Ratio	3.6	3.4	3.6	

Peak Vector Sum 2.165 mm/s at 0.102 sec  
 N/A: Not Applicable

## Indian Bureau of Standards



A - RCC Frame Structures  
 B - Brick and Plastered Houses  
 C - Mud Houses



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

Sensor Check



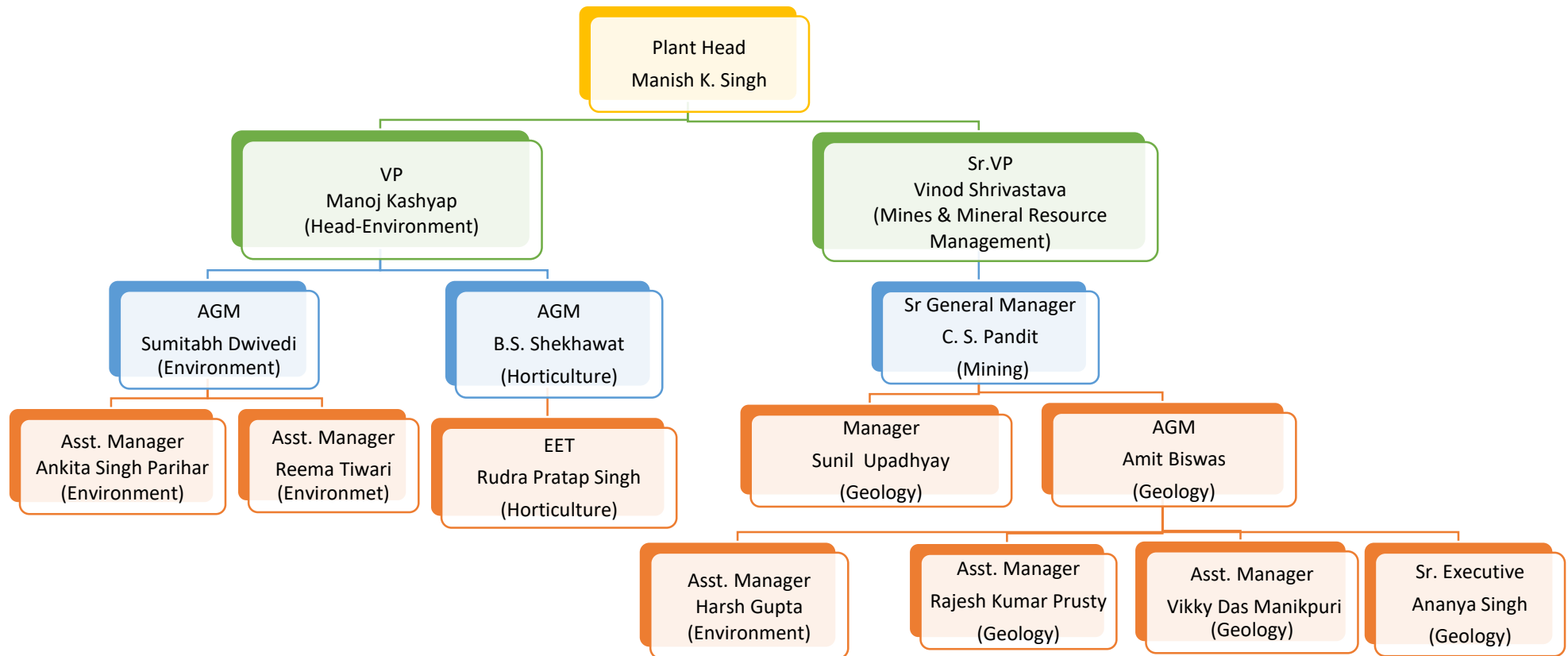
**Annexure 21**

**Environment Management**

**Cell Structure**

# Prism Johnson Limited

## ENVIRONMENT MANAGEMENT CELL





**Annexure 22**

**Expenditure Details for  
Socio-economic and  
Environment Programs**

## Annexure 22: Fund provision for implementation of socio-economic programs and environment management plan

The details of expenditure are given below:

S. No.	Activities	Capital Cost	Recurring
<b>A</b>	<b>Air Quality monitoring and Protection</b>		
1	Four AAQMS at mine site (one online or CAAQMS and 3 manual) and four monitoring station at buffer village, Monitoring instruments and display board at main gate.	74.5	4
2	Permanent water sprinkling arrangements for main haulage road	12.5	0.6
3	One tanker mounted water sprinkling system for approach roads and for mining activities	18	6.5
<b>B</b>	<b>Water Quality monitoring and Preservation</b>		
4	Installation of 3 piezometer along the periphery in the premises	1	0.5
5	Water quality and level monitoring at mine site and villages (6 locations). o Monitoring of Tons River, canal and mine sump (Flow and quality-inlet and outlet).	0	1.5
6	o Construction of garland drains/Catch drains, settling tanks and sedimentation pond/sump around the mine working.	39.5	2
<b>C</b>	<b>Noise and Vibration monitoring and Preservation</b>		
7	o The Peak particle velocity monitoring in mine site and for nearest habitation o Noise Level Monitoring in core and buffer zone	7 0	0.5 0.5
8	Providing Ear plugs / muffs to workers	0	0.25
<b>D</b>	<b>Plantation and Greenbelt Development</b>		
9	Development for Greenbelt in 7.5 m wide safety zone, plantation along the safety zone and plantation in backfilled area.	0	4
	Water Tankers (3)	0	33
	Manpower for Watch and Care	0	25
	Fertilizers	0	3



<b>E</b>	<b>Fencing</b>		
10	Fencing around the ML Area for Safety	7	0.5

<b>F</b>	<b>Professional Fees/NOCs</b>		
11	CTE	10.16	0
12	CTO	0	5.08
13	CGWA NOC	0	25
14	Flowmeter and Piezometer	8	2
<b>F</b>	<b>Action plan for addressing the issues raised during the public hearing with budgetary provision</b>	100	0
	<b>Total</b>	<b>277.66</b>	<b>113.93</b>

**Annexure 23**

**Last EC Compliance Report  
Submission Receipt**



Your (**Half Yearly Compliance Report**) has been **Submitted** with following details

<b>Proposal No</b>	IA/MP/MIN/95805/1996
<b>Compliance ID</b>	128860302
<b>Compliance Number(For Tracking)</b>	EC/M/COMPLIANCE/128860302/2025
<b>Reporting Year</b>	2025
<b>Reporting Period</b>	01 Jun(01 Oct - 31 Mar)
<b>Submission Date</b>	01-06-2025
<b>RO/SRO Name</b>	Shri Ashok Kumar Sinha
<b>RO/SRO Email</b>	tg035@ifs.nic.in
<b>State</b>	MADHYA PRADESH
<b>RO/SRO Office Address</b>	Integrated Regional Offices, Bhopal
<b>Note:-</b> SMS and E-Mail has been sent to Shri Ashok Kumar Sinha, MADHYA PRADESH with Notification to Project Proponent.	