

Through – Parivesh Portal

दूर की सोच

Ref: PJJ/MIN/PCL/2024/24138

30.11.2024

To,  
Regional Director  
Ministry of Environment, Forest and Climate Change  
Regional Office, Western Region  
Kendriya Paryavaran Bhavan  
Link Road No. 3, E-5, Ravishankar 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 31<sup>st</sup> December 1996.

Dear Sir,

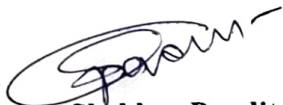
With reference to the above subject, we are pleased to submit the six-monthly compliance report for the period April 2024 to September 2024 pertaining to the environmental clearance granted for the limestone deposit located at Villages Hinauti & Sijhata, Tehsil Rampur Baghelan, District Satna, Madhya Pradesh, as per Environmental Clearance Letter No. J-11015/37/96-IA.II (M), dated 31st December 1996.

The compliance report has been prepared in accordance with the stipulated conditions of the environmental clearance, and all necessary enclosures are attached for your kind review.

We trust that the report fulfills the requisite requirements and is in order.

Thank you.

Yours sincerely,  
For Prism Johnson Limited




**Chandra Shekhar Pandit**  
Sr. General Manager – Mines & Project Proponent

**Enclosures:** As stated above

**PRISM JOHNSON LIMITED**

(Cement Division)

**Compliance Report with Regard to Environment clearance by MoEF&CC vide  
letter no. J-11015/37/96-IA-II(M) Date: 31.12.1996**

SNo	EC Conditions		Compliance Status
1	<i>The environmental clearance would be applicable to 1143.41 Ha.</i>	⇒	<p>EC for 1143.41 Ha comprised of 791.004Ha, 42.798 Ha (MLs) and 309.68 Ha (PL) areas.</p> <p>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 309.68 Ha. Out of 309.68 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>.</p>
2	<i>No change in the calendar plan including excavation, quantum of limestone and waste rock /O.B. dumps should be made.</i>	⇒	<p>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>.</p>
3	<i>The topsoil and O.B. dumps should be stacked in earmarked dump sites.</i>	⇒	<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 align="center">Overburden Dump Located in Area 253.326 ha</p> <p>Top soil generated is stored and later spread over backfilled area which is used for plantation.</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 is enclosed as <b>Annexure No-3</b></p>
	<i>Garland drains should be constructed downstream to the existing nala system to safeguard the mine faces.</i>	⇒	<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.</p> <p>Catch drains around the old OB dumps have been constructed. Picture of the same is displayed.</p>



**Garland DrainSettling Pond**

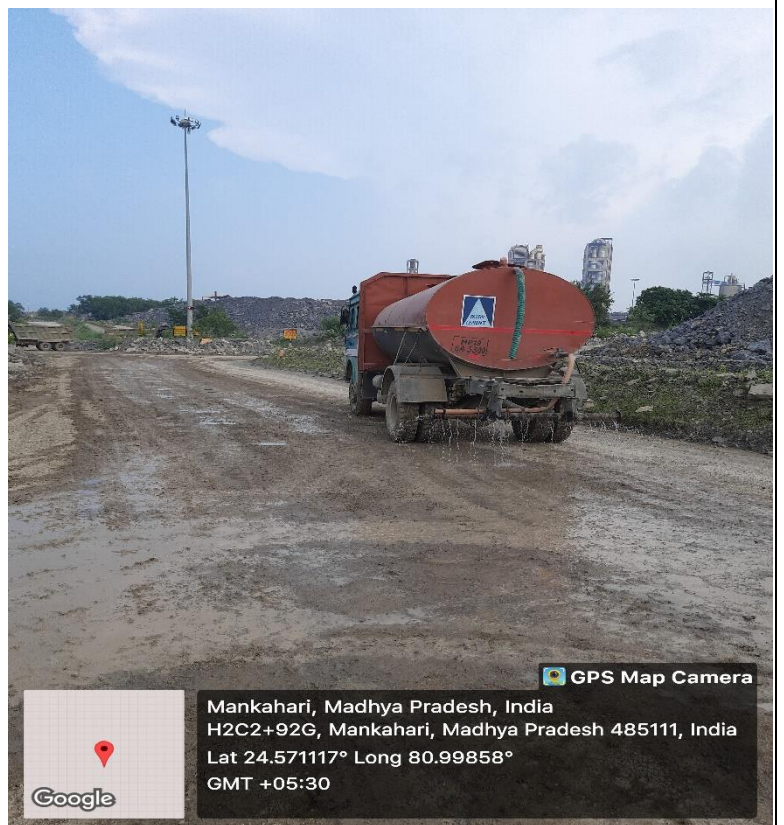
4	<p><i>The levels of SPM should not exceed 500 <math>\mu\text{g}/\text{m}^3</math> at any station within the leasehold. Emission of <math>\text{SO}_2</math>, <math>\text{NO}_x</math> and CO should be maintained below the levels prescribed by the competent authority. Control measures suggested in the 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.</i></p>	⇒	<p>The SPM, <math>\text{SO}_2</math>, <math>\text{NO}_x</math> and RPM are well within the prescribed limits. Ambient air quality monitoring reports of different locations are given in <b>Annexure-4</b>.</p>
			<p>Pollution control measures are strictly implemented. Water spraying is done on the entire haul roads from water tanker.</p> <p>Atomized water spraying arrangement exists at the crusher hopper.</p> <div data-bbox="836 1106 1402 1621" data-label="Image"> </div> <p style="text-align: center;">Water spraying System in Crusher Hopper</p> <p>Environment Protection Measures are mentioned in EMP, salient features are as mentioned below:-</p> <p><b><u>POLLUTION CONTROL MEASURES</u></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</p>

			<p>material by trucks. Adequate control measures are therefore taken by PCL during both mining operations as well as 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) have 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 due to air borne dust:</p> <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>
5	<p><i>The quality of effluents finally discharged should conform to the standards prescribed under GSR 422(E) dated 19.5.1993 and 31.12.1993.</i></p>	⇒	<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 of the state-of-art technology. It has the capacity to treat domestic wastewater of 600 KLD.</p> <p>Contaminated water generated due to washing of equipment is passed through Oil &amp; Grease Trapping Unit having separate chambers and pumping arrangement. The oil and grease is 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.</p> <p>Detailed Report of treated effluent attached as -<b>Annexure No- 5.</b></p>





6	<p><i>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.</i></p>	⇒	<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 4, 6 and 7 respectively</b>. The noise level is well within acceptable limits.</p> <p>Ear plugs, dust masks are provided to workmen working in noisy atmosphere. Total PPE's distributed is given in <b>Annexure 8</b></p>
7	<p><i>The anti-pollution measures with regard to environment quality prescribed in the EMP should be implemented schedule in a time bound programme.</i></p>	⇒	<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.</p>



Water spraying arrangement has been made at the crusher hopper.  
Permanent sprinkler arrangement along the haul road area



EMP Compliance Report is summarized below:

#### A] POLLUTION CONTROL MEASURES

- i) **Measures to prevent Generation and Dispersal of Dust**
- ☐ Dust suppression systems (water spray) are/would be adopted at loading faces-fully implemented and complied.
  - ☐ Dust generation Is/would be reduced by using sharp tooth for shovels -fully implemented and complied.
  - ☐ 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.

**ii) Measures to Control Air Pollution due to Airborne Dust**

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.

- ☐ More trees have been/would be planted around the dust generation points -fully implemented/complied.
- ☐ More trees have been/would be planted on both sides of the roads along slopes etc. -fully implemented/complied.
- ☐ 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.
- ☐ Dust masks have been provided to workers, engaged at dust generation points like loading, dumping points etc. - fully implemented/complied.
- ☐ 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.

**iii) Surface Water Pollution Control Measures**

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.

Rain water which is accumulated shall be guided down to suitable drains after passing through reservoirs used as settling tanks--fully implemented/complied.

**iv) Ground Water Pollution Control Measures**

- ☐ 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


**v) Noise Pollution Control Measures**





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:





- ☐ A thick green belt has been/would be provided around the periphery of the mine to screen the noise. -fully implemented/complied.
- ☐ Trees are/would be planted on both sides of roads used for transportation vehicles. -fully implemented/complied.
- ☐ Proper maintenance of noise generating machinery including the transport vehicles. -fully implemented/complied.
- ☐ Provision of silencers to modulate the noise generated by machines. -fully implemented/complied.
- ☐ Provision of protective device like ear muffs/plugs. -fully implemented/complied.
- ☐ Provision of sound Insulated chambers for the workers deployed on machines producing higher level of noise like bulldozers, drills etc., --fully implemented/complied.

			<ul style="list-style-type: none"> <li><input type="checkbox"/> Confining the noise levels by isolating the source of noise. -fully implemented/complied..</li> <li><input type="checkbox"/> Reducing the exposure time of workers to higher noise levels -fully implemented/complied.</li> </ul> <p><b>vi) Measures To Reduce Ground Vibrations</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 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><input type="checkbox"/> 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><input type="checkbox"/> Use of short delay detonators and non-electric detonators - fully implemented/complied.</li> <li><input type="checkbox"/> To contain fly rocks, stemming column shall not be less than burden of hole. -fully implemented/complied.</li> <li><input type="checkbox"/> 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><input type="checkbox"/> Electric detonators are used. Covering the detonating fuse Blasting is carried out in daylight hours only. -fully implemented/complied.</li> <li><input type="checkbox"/> Care is taken to ensure that the effective burden is not excessive -fully implemented/complied.</li> <li><input type="checkbox"/> Number of blasts per delay are kept to the minimum. -fully implemented/complied.</li> <li><input type="checkbox"/> To adopt multi row blasting &amp; "V" pattern of firing. -fully implemented/complied.</li> </ul> <p><b>B] MEASURES TO IMPROVE SOCIO-ECONOMIC CONDITIONS</b></p> <p><b>After Commissioning of Existing Project</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 2.5 km WBM road to connect the villages -fully implemented/complied.</li> <li><input type="checkbox"/> Repair of existing connecting roads in villages -fully implemented/complied.</li> <li><input type="checkbox"/> Repair of drainage system in Hinouti village -fully implemented/complied.</li> <li><input type="checkbox"/> PCL has constructed 1.6 km long &amp; 10 m wide WBM road connecting plant to State Highway. Construction cost was Rs. 12.0 lacs and annual maintenance cost is Rs. 3.0 lacs per annum. -fully implemented/complied. The road is now fully concreted.</li> <li><input type="checkbox"/> PCL is contributing an amount of Rs. 13000/- per annum towards sports in the surrounding villages. -fully implemented/complied.</li> <li><input type="checkbox"/> Provide drinking water to villagers in any social &amp; religious gathering, -fully implemented/complied..</li> </ul> <p><b>Proposed Welfare Measures</b></p> <p>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</p>
--	--	--	---



		<p>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, &amp; 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 &amp; Police Station</b></p> <ul style="list-style-type: none"> <li>❑ PCL-has-provided land &amp; building and requisite facility to -a Nationalize (Bank &amp; Police Station at village Mankahari. - fully implemented/complied.</li> </ul> <p><b>Employment:</b> most of the workers belong to the local area. <b>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-</b> -fully implemented/complied..</p> <p><b>Communication</b></p> <ul style="list-style-type: none"> <li>❑ PCL has also provided land &amp; 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.</li> </ul>
		

			  
8	<p><i>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.</i></p>	⇒	<p>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 <b>117,043</b> covering 40.7 Ha.</p> 

			<div>Plantation 253.326 Ha for the last 10 years</div> <table><tr><th>Sl. No.</th><th>Year</th><th>Total No. of Plants</th></tr><tr><td>1</td><td>2015-16</td><td>9000</td></tr><tr><td>2</td><td>2016-17</td><td>10000</td></tr><tr><td>3</td><td>2017-18</td><td>6000</td></tr><tr><td>4</td><td>2018-19</td><td>6000</td></tr><tr><td>5</td><td>2019-20</td><td>9073</td></tr><tr><td>6</td><td>2020-21</td><td>11190</td></tr><tr><td>7</td><td>2021-22</td><td>2800</td></tr><tr><td>8</td><td>2022-23</td><td>2880</td></tr><tr><td>9</td><td>2023-24</td><td>3755</td></tr><tr><td>10</td><td>2024-25 (till September)</td><td>3670</td></tr></table> <div>117,043 since inception</div>	Sl. No.	Year	Total No. of Plants	1	2015-16	9000	2	2016-17	10000	3	2017-18	6000	4	2018-19	6000	5	2019-20	9073	6	2020-21	11190	7	2021-22	2800	8	2022-23	2880	9	2023-24	3755	10	2024-25 (till September)	3670
Sl. No.	Year	Total No. of Plants																																		
1	2015-16	9000																																		
2	2016-17	10000																																		
3	2017-18	6000																																		
4	2018-19	6000																																		
5	2019-20	9073																																		
6	2020-21	11190																																		
7	2021-22	2800																																		
8	2022-23	2880																																		
9	2023-24	3755																																		
10	2024-25 (till September)	3670																																		
9	<p>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.</p>	⇒	<p>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 <b>Annexure-9</b>.</p> <p>The CSR programme is common for P.J.L. Expenditure made during 2024-25(till September) for socio – economic / community development has been given in <b>Annexure-10</b>.</p>																																	
																																				
	Uniform distribution at School Village ,Hinauti		Renovation of Hr. Sec. School at Sijahata																																	
																																				
	Cataract Operation																																			



Pickle & Papad Making Training



Toilet - Swachha Bharat

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. Report attached as <b>Annexure-11</b> .																																																
			The habitation of Hinauti and Sijhata villages are not affected.  Adequate measures for socio-economic development are carried out as per details in sl no. 9																																																
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, <b>Annexure 12</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.	⇒	<p>Adequate fund provision has been made for implementation of socio-economic programs and environment management plan and accordingly spent.</p> <p>The fund for pollution control measures has not been diverted to any other purposes.</p> <p>The fund for pollution control measures has not been diverted to any other purposes. The PP has already made capital expenditure of Rs 2925 lakh and the recurring expense of current year is 78.15 lakh. The details of expenditure are given below</p> <table><tr><th>Sr. No.</th><th>Particulars</th><th></th><th>Capital expenditure in Lakh Rupees</th><th>Recurring expenditure in Lakh Rupees</th></tr><tr><td rowspan="5">1.</td><td rowspan="5">Air pollution control measures</td><td>1. CAAQMS</td><td>100</td><td>3.65</td></tr><tr><td>2. Tanker deployment for dust Suppression</td><td>16.45</td><td>10</td></tr><tr><td>3. Automated water sprinkler in haul road</td><td>12.81</td><td></td></tr><tr><td>4. Wet drilling for control of fugitive emission IBH Drill</td><td>180</td><td></td></tr><tr><td>ROC Drill</td><td>112.93974</td><td>20.00</td></tr><tr><td rowspan="2">2.</td><td rowspan="2">Water pollution control measures</td><td>Water flow meter</td><td>1.2</td><td>1.50</td></tr><tr><td>Piezometer with telemetry system</td><td>1.2</td><td></td></tr><tr><td rowspan="2">3.</td><td rowspan="2">Rain water harvesting</td><td>Artificial recharge shafts in Abandoned Mine pit</td><td>7.0</td><td>1.0</td></tr><tr><td>River protection Plan</td><td>100</td><td></td></tr><tr><td>4.</td><td>Plantation/ Greenbelt development</td><td>1 Fencing of Greenbelt</td><td>5.70</td><td>26</td></tr><tr><td>5.</td><td>Noise pollution control</td><td></td><td>0</td><td></td></tr></table>	Sr. No.	Particulars		Capital expenditure in Lakh Rupees	Recurring expenditure in Lakh Rupees	1.	Air pollution control measures	1. CAAQMS	100	3.65	2. Tanker deployment for dust Suppression	16.45	10	3. Automated water sprinkler in haul road	12.81		4. Wet drilling for control of fugitive emission IBH Drill	180		ROC Drill	112.93974	20.00	2.	Water pollution control measures	Water flow meter	1.2	1.50	Piezometer with telemetry system	1.2		3.	Rain water harvesting	Artificial recharge shafts in Abandoned Mine pit	7.0	1.0	River protection Plan	100		4.	Plantation/ Greenbelt development	1 Fencing of Greenbelt	5.70	26	5.	Noise pollution control		0	
Sr. No.	Particulars		Capital expenditure in Lakh Rupees	Recurring expenditure in Lakh Rupees																																															
1.	Air pollution control measures	1. CAAQMS	100	3.65																																															
		2. Tanker deployment for dust Suppression	16.45	10																																															
		3. Automated water sprinkler in haul road	12.81																																																
		4. Wet drilling for control of fugitive emission IBH Drill	180																																																
		ROC Drill	112.93974	20.00																																															
2.	Water pollution control measures	Water flow meter	1.2	1.50																																															
		Piezometer with telemetry system	1.2																																																
3.	Rain water harvesting	Artificial recharge shafts in Abandoned Mine pit	7.0	1.0																																															
		River protection Plan	100																																																
4.	Plantation/ Greenbelt development	1 Fencing of Greenbelt	5.70	26																																															
5.	Noise pollution control		0																																																



			<table><tr><td></td><td>measures</td><td></td><td></td><td></td></tr><tr><td>6.</td><td>Socio – economic development</td><td>CSR Expenditure grand total</td><td>2382.46</td><td></td></tr><tr><td></td><td></td><td>Fencing</td><td>5.70</td><td></td></tr><tr><td>7.</td><td>Statutory fees</td><td>CTE &amp; CTO</td><td>0.0</td><td>15.20</td></tr><tr><td>8.</td><td>Calibration of monitoring instruments</td><td>RDS/FPS / Noise and stack monitoring kit etc.</td><td></td><td>0.80</td></tr><tr><td></td><td colspan="2">Total</td><td>2925.45974</td><td>78.15</td></tr></table>		measures				6.	Socio – economic development	CSR Expenditure grand total	2382.46				Fencing	5.70		7.	Statutory fees	CTE & CTO	0.0	15.20	8.	Calibration of monitoring instruments	RDS/FPS / Noise and stack monitoring kit etc.		0.80		Total		2925.45974	78.15
	measures																																
6.	Socio – economic development	CSR Expenditure grand total	2382.46																														
		Fencing	5.70																														
7.	Statutory fees	CTE & CTO	0.0	15.20																													
8.	Calibration of monitoring instruments	RDS/FPS / Noise and stack monitoring kit etc.		0.80																													
	Total		2925.45974	78.15																													
13	<i>The Ministry reserves the right to stipulate any other conditions, as may be required based on feedback etc. in the interest of environmental protection</i>	⇒	Agreed. The Ministry may provide, as it may see fit, additional conditions for protection of environment.																														
14	<i>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.</i>	⇒	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	<i>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.</i>	⇒	Six monthly compliance report is submitted to RO MoEF, Bhopal and respective authorities regularly.																														
16	<i>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.</i>	⇒	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.																														



मध्य प्रदेश शासन  
खनिज तथा खनिज विभाग  
"संज्ञासूचक"

253.326  
3/9/96

क्रमांक 3-29/95/12/ भीषात, 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 प्रिज्म लीमिटेड लि.

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

मैसर्स प्रिज्म 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 प्रिज्म 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 खनिजदाते 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 खनिजदाते में स्वीकृत हेतु उपलब्ध 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 प्रिज्म लीमिटेड लिमिटेड



12] स्वीकृत क्षेत्र का विवरण - ग्राम हिनौली 240.746 हेक्टर  
ग्राम तिजहटा 12.580 हेक्टर

कुल - 253.326 हेक्टर

- 13] खनिज का नाम लाईम स्टोन
- 14] स्वीकृति की अवधि 20वर्ष [बीत वर्ष] बिना नवकरण कण्डिका के ।
- 15] 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 ।
- 16] रायल्टी / डेडरेंट अधिनियम में प्रस्तावित दर से ।
- 17] थियोडोलाईट सर्वे आदि आवश्यक हो तो किया जावे ।
- 18] चुनावत्थर [मार्बल] 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 पत्र क्र. 8814-6384/12 दिनांक 24.11.1962 द्वारा तृपित सर्वे "ख" 21 "क" जोड़ी जावे ।
- 19] 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 लें कि आवेदक के ऊपर किसी प्रकार का खनिज राजस्व की राशि बकाया तो नहीं है ।

मध्य प्रदेश के राज्यपाल के नाम से तथा  
आदेशानुसार.

*Self*

1 स.के. शिवेदी 1

अवर सचिव

मध्य प्रदेश शासन, खनिज साधन विभाग



11/3/1

पु050 3-29/95/12/1

मोपल. दिनांक 31/9/96

प्रतिलिपि:-

- 11] तथिब, भारत सरकार, ज्ञान मंत्रालय, शास्त्री ज्ञान नई दिल्ली ।
- 12] तथिब, मौखिकी तथा खनिज, रायपुर ।
- 13] डायरेक्टर जनरल आक माइन्स सेवटी धनबाद [बिहार]
- 14] कन्ट्रोलर जनरल इण्डियन क्यूरों आक माइन्स नागपुर ।
- 15] केमिस्ट ज्ञान निर्विकार भारतीय ज्ञान क्यूरों जयपुर ।
- 16] मेसर्स प्रिन्स सीमेंट लि. राजेन्द्र नगर ततना  
की ओर सूचनाएं एवं आवश्यककार्यवाही हेतु अग्रिम ।

र. के. त्रिवेदी  
अवर तथिब

गद्यकृदेश शासन, खनिज साधन विभाग

प्रतीवास्तव



## 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,

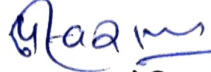
In exercise of the powers conferred under Clause (b) of Sub-section (2) of Section 5 of Mines and Minerals (Development and Regulation) Amendment Act, 2015 read with Government of India Order no. S.O.1857(E), dated 18/05/2016, I hereby **Approve** the above said Review of Mining Plan submitted under 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)

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 253.326 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	00	
						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 (M <sup>3</sup> )	Quantity (Tonnes)	Base Area (M <sup>2</sup> )	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 (M <sup>3</sup> )	Quantity (Tonnes)	Base Area (M <sup>2</sup> )	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

Sample Number : VTL/AA/01

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280005/A  
Format No : 7.8 F-02  
Party Reference No : NIL  
Report Date : 06/07/2024  
Period of Analysis : 28/06/2024-06/07/2024  
Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Chuli Majhiyar Mines (Area 176.619 Ha)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/05  
Coordinates : 80.99117 & 24.56758  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 23/06/2024 To 24/06/2024  
Time of Monitoring : 10:40 to 10:40 Hrs.  
Ambient Temperature (°C) : Min.29° Max 39°  
Surrounding Activity : Human, Vehicular & Mining Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	81.46	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	41.26	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	23.85	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	13.78	µg/m³	80
5	Benzene (as C6H6)	IS 5182 (P-11)-2006, RA.2017	*BLQ (**LOQ 1.0)	µg/m³	5
6	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed.,1988, Method No. 401	7.23	µg/m³	400
7	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	14.32	µg/m³	180
8	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	0.31	µg/m³	1
9	Arsenic (as As)	Methods of air sampling and analysis,3rd ed.,1988, Method No.302	*BLQ (**LOQ 0.15)	ng/m³	6
10	Nickel (as Ni)	USEPA compendium IO-3.2,1999	*BLQ (**LOQ 5.0)	ng/m³	20
11	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	*BLQ (**LOQ 0.2)	ng/m³	1



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 1/2

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020  
9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com





**VIBRANT**

"Experience the unimaginable"

Sample Number : VTL/AA/01

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**TEST REPORT**



Report No. : VTL/A/2406280005/A



**VIBRANT**

"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 2/2

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com





## TEST REPORT

# VIBRANT

"Experience the unimaginable"

Sample Number : VTL/AA/01

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)

Report No. : VTL/A/2406280005/B

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

### General Information:-

Sampling Location : Chuli Majhiyar Mines (Area 176.619 Ha)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/05  
Coordinates : 80.99117 & 24.56758  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 23/06/2024 To 24/06/2024  
Time of Monitoring : 10:40 to 10:40 Hrs.  
Ambient Temperature (°C) : Min.29° Max 39°  
Surrounding Activity : Human, Vehicular & Mining Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.76	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

# VIBRANT

"Experience the unimaginable"



Checked by



RK Yadav

Lab Incharge

Authorized Signatory

Page No. 1/1

Approved & Certified

EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

**VIBRANT***"Experience the unimaginable"***TEST REPORT****Sample Number :** VTL/AA/14**Name & Address of the Party :** M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)**Report No. :** VTL/A/2406280006/A**Format No :** 7.8 F-02**Party Reference No :** NIL**Report Date :** 06/07/2024**Period of Analysis :** 28/06/2024-06/07/2024**Receipt Date :** 28/06/2024**Sample Description :** AMBIENT AIR QUALITY MONITORING**General Information:-**

**Sampling Location :** Nr. Medhi Mines Boundary Pillar No.-28 (Medhi Mine)  
**Sample Collected By :** VTL Team  
**Sampling Equipment used :** RDS/FPS  
**Instrument Code :** VTL/RDS/FPS/06  
**Coordinates :** 81.041406 & 24.513958  
**Meteorological condition during monitoring :** Clear Sky  
**Date of Monitoring :** 23/06/2024 To 24/06/2024  
**Time of Monitoring :** 11:00 to 11:00 Hrs.  
**Ambient Temperature (°C) :** Min.29° Max 39°  
**Surrounding Activity :** Human, Vehicular & Mining Activities  
**Scope of Monitoring :** Regulatory Requirement  
**Method of Sampling :** IS :5182  
**Sampling Duration :** 24 Hrs.  
**Parameter Required :** As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	84.26	µg/m <sup>3</sup>	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	42.15	µg/m <sup>3</sup>	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	21.45	µg/m <sup>3</sup>	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	13.26	µg/m <sup>3</sup>	80

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
*"Experience the unimaginable"*  
Checked byRK Yadav  
Lab Incharge  
Authorized Signatory

Page No. 1/1

**Approved & Certified**

EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

☎ 9929108691, 9810205356, 8005707098, 9549956601

☎ 0141-2954638

✉ bd@vibranttechnolab.com

🌐 www.vibranttechnolab.com





## TEST REPORT

**VIBRANT**

"Experience the unimaginable"

Sample Number : VTL/AA/14

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280006/B  
Format No : 7.8 F-02  
Party Reference No : NIL  
Report Date : 06/07/2024  
Period of Analysis : 28/06/2024-06/07/2024  
Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Nr.Medhi Mines Boundary Pillar No.-28 (Medhi Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/06  
Coordinates : 81.041406 & 24.513958  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 23/06/2024 To 24/06/2024  
Time of Monitoring : 11:00 to 11:00 Hrs.  
Ambient Temperature (°C) : Min.29° Max 39°  
Surrounding Activity : Human, Vehicular & Mining Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.74	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory

Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/AA/16

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280007/A  
Format No : 7.8 F-02  
Party Reference No : NIL  
Report Date : 06/07/2024  
Period of Analysis : 28/06/2024-06/07/2024  
Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Near Nar Nala Bridge (Medhi Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/01  
Coordinates : 81.025812 & 24.574117  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 24/06/2024 To 25/06/2024  
Time of Monitoring : 10:00 to 10:00 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Mining Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	78.42	µg/m <sup>3</sup>	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	39.68	µg/m <sup>3</sup>	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	20.97	µg/m <sup>3</sup>	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	10.23	µg/m <sup>3</sup>	80

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com





## TEST REPORT

# VIBRANT

"Experience the unimaginable"

Sample Number : VTL/AA/16

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)

Report No. : VTL/A/2406280007/B

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Near Nar Nala Bridge (Medhi Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/01  
Coordinates : 81.025812 & 24.574117  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 24/06/2024 To 25/06/2024  
Time of Monitoring : 10:00 to 10:00 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Mining Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.71	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

# VIBRANT

"Experience the unimaginable"



Checked by



RK Yadav

Lab Incharge

Authorized Signatory

Page No. 1/1

Approved & Certified

EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/AA/13

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280008/A  
Format No : 7.8 F-02  
Party Reference No : NIL  
Report Date : 06/07/2024  
Period of Analysis : 28/06/2024-06/07/2024  
Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Nr. Boundary Piller No.64, Bagahai (Bagahai Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/02  
Coordinates : 81.043743 & 24.577705  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 24/06/2024 To 25/06/2024  
Time of Monitoring : 10:30 to 10:30 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Mining Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	70.42	µg/m <sup>3</sup>	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	35.85	µg/m <sup>3</sup>	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	17.53	µg/m <sup>3</sup>	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	9.83	µg/m <sup>3</sup>	80

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by  




RK Yadav  
Lab Incharge  
Authorized Signatory  




Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020  
9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com





## TEST REPORT

**VIBRANT**

"Experience the unimaginable"

Sample Number : VTL/AA/13

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280008/B

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Nr. Boundary Pillar No.64, Bagahai (Bagahai Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/02  
Coordinates : 81.043743 & 24.577705  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 24/06/2024 To 25/06/2024  
Time of Monitoring : 10:30 to 10:30 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Mining Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.72	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory

Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



Sample Number : VTL/AA/10

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280009/A  
Format No : 7.8 F-02  
Party Reference No : NIL  
Report Date : 06/07/2024  
Period of Analysis : 28/06/2024-06/07/2024  
Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : South Side of working pit (Bagahai Mines)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/03  
Coordinates : 81.044145 & 24.561192  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 24/06/2024 To 25/06/2024  
Time of Monitoring : 11:00 to 11:00 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Mining Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	86.26	µg/m <sup>3</sup>	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	43.52	µg/m <sup>3</sup>	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	23.75	µg/m <sup>3</sup>	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	12.95	µg/m <sup>3</sup>	80

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/AA/10

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)

Report No. : VTL/A/2406280009/B

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : South Side of working pit (Bagahai Mines)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/03  
Coordinates : 81.044145 & 24.561192  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 24/06/2024 To 25/06/2024  
Time of Monitoring : 11:00 to 11:00 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Mining Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.82	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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




Checked by  




RK Yadav

Lab Incharge

Authorized Signatory  


Page No. 1/1

Approved & Certified

EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



Sample Number : VTL/AA/11

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280010/A  
Format No : 7.8 F-02  
Party Reference No : NIL  
Report Date : 06/07/2024  
Period of Analysis : 28/06/2024-06/07/2024  
Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : At Baisan Tola (Nr. Bagahai ML Area)(Bagahai Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/04  
Coordinates : 81.051734 & 24.559126  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 24/06/2024 To 25/06/2024  
Time of Monitoring : 11:30 to 11:30 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Mining Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	69.32	µg/m <sup>3</sup>	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	38.45	µg/m <sup>3</sup>	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	19.64	µg/m <sup>3</sup>	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	9.85	µg/m <sup>3</sup>	80

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by  




RK Yadav  
Lab Incharge  
Authorized Signatory  




Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



**VIBRANT***"Experience the unimaginable"***TEST REPORT**

Sample Number : VTL/AA/11

Name &amp; Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)

Report No. : VTL/A/2406280010/B

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : At Baisan Tola (Nr. Bagahai ML Area)(Bagahai Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/04  
Coordinates : 81.051734 & 24.559126  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 24/06/2024 To 25/06/2024  
Time of Monitoring : 11:30 to 11:30 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Mining Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.62	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT***"Experience the unimaginable"*Checked by  


RK Yadav

Lab Incharge

Authorized Signatory  

Page No. 1/1

Approved &amp; Certified

EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/AA/12

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280011/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Adiwasi Tola (Nr. Bagahai ML Area)(Bagahai Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/05  
Coordinates : 81.053377 & 24.564937  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 24/06/2024 To 25/06/2024  
Time of Monitoring : 12:00 to 12:00 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Mining Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	83.26	µg/m <sup>3</sup>	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	39.74	µg/m <sup>3</sup>	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	21.45	µg/m <sup>3</sup>	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	10.44	µg/m <sup>3</sup>	80

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



Sample Number : VTL/AA/12

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)

Report No. : VTL/A/2406280011/B

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Adiwasi Tola (Nr. Bagahai ML Area)(Bagahai Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/05  
Coordinates : 81.053377 & 24.564937  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 24/06/2024 To 25/06/2024  
Time of Monitoring : 12:00 to 12:00 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Mining Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.63	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory

Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



Sample Number : VTL/AA/09  
Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280012/A  
Format No : 7.8 F-02  
Party Reference No : NIL  
Report Date : 06/07/2024  
Period of Analysis : 28/06/2024-06/07/2024  
Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**  
Sampling Location : Village - Sijahata (Hinauti & Sijahata PCL Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/06  
Coordinates : 81.021389 & 24.576411  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 24/06/2024 To 25/06/2024  
Time of Monitoring : 11:55 to 11:55 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	72.45	µg/m <sup>3</sup>	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	36.88	µg/m <sup>3</sup>	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	18.03	µg/m <sup>3</sup>	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	9.74	µg/m <sup>3</sup>	80

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020  
9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



**VIBRANT**  
"Experience the unimaginable"

TEST REPORT

Sample Number : VTL/AA/09

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280012/B

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Village - Sijahata (Hinauti & Sijahata PCL Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/06  
Coordinates : 81.021389 & 24.576411  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 24/06/2024 To 25/06/2024  
Time of Monitoring : 11:55 to 11:55 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.58	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav

Lab Incharge

Authorized Signatory

Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



Sample Number : VTL/AA/03

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280013/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Village - Hinauti (Hinauti & Sijahata PCL Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/01  
Coordinates : 81.002441 & 24.587458  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 25/06/2024 To 26/06/2024  
Time of Monitoring : 10:30 to 10:30 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	72.56	µg/m <sup>3</sup>	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	35.49	µg/m <sup>3</sup>	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	17.23	µg/m <sup>3</sup>	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	8.54	µg/m <sup>3</sup>	80

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com





# VIBRANT

"Experience the unimaginable"

## TEST REPORT

Sample Number : VTL/AA/03

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280013/B

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Village - Hinauti (Hinauti & Sijahata PCL Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/01  
Coordinates : 81.002441 & 24.587458  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 25/06/2024 To 26/06/2024  
Time of Monitoring : 10:30 to 10:30 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.59	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

# VIBRANT

"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory

Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/AA/08

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280014/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Near Western Block Garden (Hinauti & Sijahata PCL Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/02  
Coordinates : 80.990481 & 24.585602  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 25/06/2024 To 26/06/2024  
Time of Monitoring : 11:20 to 11:20 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	65.77	µg/m <sup>3</sup>	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	32.54	µg/m <sup>3</sup>	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	16.85	µg/m <sup>3</sup>	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	8.32	µg/m <sup>3</sup>	80

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com





**VIBRANT**  
"Experience the unimaginable"

TEST REPORT

Sample Number : VTL/AA/08

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280014/B

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Near Western Block Garden (Hinauti & Sijahata PCL Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/02  
Coordinates : 80.990481 & 24.585602  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 25/06/2024 To 26/06/2024  
Time of Monitoring : 11:20 to 11:20 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.57	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav

Lab Incharge

Authorized Signatory

Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



Sample Number : VTL/AA/07

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280015/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Near Mines Site Office (Hinauti & Sijahata PCL Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/03  
Coordinates : 80.99725 & 24.575807  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 25/06/2024 To 26/06/2024  
Time of Monitoring : 11:45 to 11:45 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	63.99	µg/m <sup>3</sup>	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	31.85	µg/m <sup>3</sup>	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	17.36	µg/m <sup>3</sup>	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	9.44	µg/m <sup>3</sup>	80

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

**VIBRANT***"Experience the unimaginable"***TEST REPORT****Sample Number :** VTL/AA/07**Name & Address of the Party :** M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)**Report No. :** VTL/A/2406280015/B**Format No :** 7.8 F-02**Party Reference No :** NIL**Report Date :** 06/07/2024**Period of Analysis :** 28/06/2024-06/07/2024**Receipt Date :** 28/06/2024**Sample Description : AMBIENT AIR QUALITY MONITORING****General Information:-**

**Sampling Location :** Near Mines Site Office (Hinauti & Sijahata PCL Mine)  
**Sample Collected By :** VTL Team  
**Sampling Equipment used :** RDS/FPS  
**Instrument Code :** VTL/RDS/FPS/03  
**Coordinates :** 80.99725 & 24.575807  
**Meteorological condition during monitoring :** Clear Sky  
**Date of Monitoring :** 25/06/2024 To 26/06/2024  
**Time of Monitoring :** 11:45 to 11:45 Hrs.  
**Ambient Temperature (°C) :** Min.30° Max 39°  
**Surrounding Activity :** Human, Vehicular & Other Activities  
**Scope of Monitoring :** Regulatory Requirement  
**Method of Sampling :** IS :5182  
**Sampling Duration :** 24 Hrs.  
**Parameter Required :** As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.62	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
*"Experience the unimaginable"*

Checked by

RK Yadav  
Lab Incharge  
Authorized Signatory 

Page No. 1/1

**Approved & Certified** EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



Sample Number : VTL/AA/03

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280016/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Village - Hinauti (Chuli Majhiyar Mines)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/04  
Coordinates : 81.002441 & 24.587488  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 25/06/2024 To 26/06/2024  
Time of Monitoring : 12:00 to 12:00 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	64.85	µg/m <sup>3</sup>	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	32.99	µg/m <sup>3</sup>	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	18.32	µg/m <sup>3</sup>	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	8.92	µg/m <sup>3</sup>	80

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



**VIBRANT***"Experience the unimaginable"***TEST REPORT**

Sample Number : VTL/AA/03

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)

Report No. : VTL/A/2406280016/B

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Village - Hinauti (Chuli Majhiyar Mines)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/04  
Coordinates : 81.002441 & 24.587488  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 25/06/2024 To 26/06/2024  
Time of Monitoring : 12:00 to 12:00 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.63	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT***"Experience the unimaginable"*

Checked by



RK Yadav

Lab Incharge

Authorized Signatory

Page No. 1/1

Approved &amp; Certified

EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/AA/17

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280017/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Village - Malgaon (Chuli Majhiyar Mines)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/05  
Coordinates : 81.004569 & 24.605146  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 25/06/2024 To 26/06/2024  
Time of Monitoring : 11:30 to 11:30 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	65.12	µg/m <sup>3</sup>	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	32.74	µg/m <sup>3</sup>	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	17.99	µg/m <sup>3</sup>	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	10.41	µg/m <sup>3</sup>	80

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by  




RK Yadav  
Lab Incharge  
Authorized Signatory  




Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com





**VIBRANT**  
"Experience the unimaginable"

TEST REPORT

Sample Number : VTL/AA/17

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280017/B  
Format No : 7.8 F-02  
Party Reference No : NIL  
Report Date : 06/07/2024  
Period of Analysis : 28/06/2024-06/07/2024  
Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Village - Malgaon (Chuli Majhiyar Mines)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/05  
Coordinates : 81.004569 & 24.605146  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 25/06/2024 To 26/06/2024  
Time of Monitoring : 11:30 to 11:30 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.67	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory

Page No. 1/1

Term & conditions PTO

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



Sample Number : VTL/AA/22

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280018/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Village - Majhiyar (Chuli Majhiyar Mines)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/06  
Coordinates : 81.006206 & 24.600534  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 25/06/2024 To 26/06/2024  
Time of Monitoring : 12:30 to 12:30 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	74.56	µg/m <sup>3</sup>	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	36.99	µg/m <sup>3</sup>	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	19.42	µg/m <sup>3</sup>	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	10.67	µg/m <sup>3</sup>	80

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

**VIBRANT***"Experience the unimaginable"***TEST REPORT**

Sample Number : VTL/AA/22

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280018/B

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Village - Majhiyar (Chuli Majhiyar Mines)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/06  
Coordinates : 81.006206 & 24.600534  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 25/06/2024 To 26/06/2024  
Time of Monitoring : 12:30 to 12:30 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.76	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
*"Experience the unimaginable"*

Checked by



RK Yadav

Lab Incharge

Authorized Signatory

Page No. 1/1

Approved &amp; Certified

EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



Sample Number : VTL/AA/20

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280019/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Village - Chulhi (Chulhi Majiyar Mines)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/01  
Coordinates : 81.002619 & 24.594461  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 26/06/2024 To 27/06/2024  
Time of Monitoring : 11:00 to 11:00 Hrs.  
Ambient Temperature (°C) : Min.29° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	75.26	µg/m <sup>3</sup>	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	37.85	µg/m <sup>3</sup>	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	20.45	µg/m <sup>3</sup>	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	10.89	µg/m <sup>3</sup>	80

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by  




RK Yadav  
Lab Incharge  
Authorized Signatory  




Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/AA/20

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280019/B

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Village - Chulhi (Chulhi Majiyar Mines)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/01  
Coordinates : 81.002619 & 24.594461  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 26/06/2024 To 27/06/2024  
Time of Monitoring : 11:00 to 11:00 Hrs.  
Ambient Temperature (°C) : Min.29° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.71	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by 



RK Yadav  
Lab Incharge  
Authorized Signatory 

Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



Sample Number : VTL/AA/21

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280020/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Village - Kulhari (Badarkha Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/02  
Coordinates : 81.034753 & 24.567341  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 26/06/2024 To 27/06/2024  
Time of Monitoring : 11:30 to 11:30 Hrs.  
Ambient Temperature (°C) : Min.29° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	72.15	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	34.26	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	18.92	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	10.42	µg/m³	80

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by  




RK Yadav  
Lab Incharge  
Authorized Signatory  




Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSA§:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



**VIBRANT**  
"Experience the unimaginable"

TEST REPORT

Sample Number : VTL/AA/21

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)

Report No. : VTL/A/2406280020/B

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Village - Kulhari (Badarkha Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/02  
Coordinates : 81.034753 & 24.567341  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 26/06/2024 To 27/06/2024  
Time of Monitoring : 11:30 to 11:30 Hrs.  
Ambient Temperature (°C) : Min.29° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.69	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by  
*Rajni*



RK Yadav

Lab Incharge

Authorized Signatory

Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSA§:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



Sample Number : VTL/AA/20

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280021/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Village - Chulhi (Badarkha Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/03  
Coordinates : 81.002619 & 24.594461  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 26/06/2024 To 27/06/2024  
Time of Monitoring : 12:00 to 12:00 Hrs.  
Ambient Temperature (°C) : Min.29° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	71.26	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	33.45	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	17.99	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	10.74	µg/m³	80

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by  




RK Yadav  
Lab Incharge  
Authorized Signatory  




Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSA§:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

**VIBRANT***"Experience the unimaginable"***TEST REPORT****Sample Number :** VTL/AA/20**Name & Address of the Party :** M/s PRISM JOHNSON LIMITEDVillage- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)**Report No. :** VTL/A/2406280021/B**Format No :** 7.8 F-02**Party Reference No :** NIL**Report Date :** 06/07/2024**Period of Analysis :** 28/06/2024-06/07/2024**Receipt Date :** 28/06/2024**Sample Description : AMBIENT AIR QUALITY MONITORING****General Information:-**

**Sampling Location :** Village - Chulhi (Badarkha Mine)  
**Sample Collected By :** VTL Team  
**Sampling Equipment used :** RDS/FPS  
**Instrument Code :** VTL/RDS/FPS/03  
**Coordinates :** 81.002619 & 24.594461  
**Meteorological condition during monitoring :** Clear Sky  
**Date of Monitoring :** 26/06/2024 To 27/06/2024  
**Time of Monitoring :** 12:00 to 12:00 Hrs.  
**Ambient Temperature (°C) :** Min.29° Max 39°  
**Surrounding Activity :** Human, Vehicular & Other Activities  
**Scope of Monitoring :** Regulatory Requirement  
**Method of Sampling :** IS :5182  
**Sampling Duration :** 24 Hrs.  
**Parameter Required :** As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.68	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
*"Experience the unimaginable"*  
Checked by

RK Yadav

Lab Incharge

Authorized Signatory

Page No. 1/1

**Approved & Certified**

EPA 1986 Recognised, ISO:9001 and OHSA§:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



Sample Number : VTL/AA/19

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280022/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Village - Hinauta (Badarkha Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/04  
Coordinates : 80.985206 & 24.569934  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 26/06/2024 To 27/06/2024  
Time of Monitoring : 12:30 to 12:30 Hrs.  
Ambient Temperature (°C) : Min.29° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	78.45	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	35.62	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	19.84	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	11.14	µg/m³	80

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSA§:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



**VIBRANT**  
"Experience the unimaginable"

TEST REPORT

Sample Number : VTL/AA/19

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280022/B

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Village - Hinauta (Badarkha Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/04  
Coordinates : 80.985206 & 24.569934  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 26/06/2024 To 27/06/2024  
Time of Monitoring : 12:30 to 12:30 Hrs.  
Ambient Temperature (°C) : Min.29° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.67	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory

Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



Sample Number : VTL/AA/18

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280023/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Village - Badarkha (Badarkha Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/05  
Coordinates : 80.982443 & 24.584626  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 26/06/2024 To 27/06/2024  
Time of Monitoring : 13:00 to 13:00 Hrs.  
Ambient Temperature (°C) : Min.29° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	79.24	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	38.96	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	20.45	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	11.96	µg/m³	80

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

**VIBRANT***"Experience the unimaginable"***TEST REPORT**

Sample Number : VTL/AA/18

Name &amp; Address of the Party :

M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)

Report No. : VTL/A/2406280023/B

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Village - Badarkha (Badarkha Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/05  
Coordinates : 80.982443 & 24.584626  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 26/06/2024 To 27/06/2024  
Time of Monitoring : 13:00 to 13:00 Hrs.  
Ambient Temperature (°C) : Min.29° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.67	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
*"Experience the unimaginable"*Checked by  


RK Yadav

Lab Incharge

Authorized Signatory  

Page No. 1/1

Approved &amp; Certified

EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



Sample Number : VTL/AA/17

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)

Report No. : VTL/A/2406280024/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Village - Malgaon (Medhi Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/06  
Coordinates : 81.004574 & 24.605147  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 26/06/2024 To 27/06/2024  
Time of Monitoring : 12:45 to 12:45 Hrs.  
Ambient Temperature (°C) : Min.29° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	64.21	µg/m <sup>3</sup>	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	32.15	µg/m <sup>3</sup>	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	17.96	µg/m <sup>3</sup>	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	10.03	µg/m <sup>3</sup>	80

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



**VIBRANT**  
"Experience the unimaginable"

TEST REPORT

Sample Number : VTL/AA/17

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280024/B

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Village - Malgaon (Medhi Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/06  
Coordinates : 81.004574 & 24.605147  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 26/06/2024 To 27/06/2024  
Time of Monitoring : 12:45 to 12:45 Hrs.  
Ambient Temperature (°C) : Min.29° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.63	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav

Lab Incharge

Authorized Signatory

Page No. 1/1

Approved & Certified

EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



Sample Number : VTL/AA/15

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280025/A  
Format No : 7.8 F-02  
Party Reference No : NIL  
Report Date : 06/07/2024  
Period of Analysis : 28/06/2024-06/07/2024  
Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Medhi Mines Boundary Pillar No.-23 (Medhi Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/07  
Coordinates : 81.031055 & 24.575677  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 26/06/2024 To 27/06/2024  
Time of Monitoring : 13:00 to 13:00 Hrs.  
Ambient Temperature (°C) : Min.29° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	84.01	µg/m <sup>3</sup>	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	41.63	µg/m <sup>3</sup>	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	22.41	µg/m <sup>3</sup>	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	11.78	µg/m <sup>3</sup>	80

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by  




RK Yadav  
Lab Incharge  
Authorized Signatory  




Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

**VIBRANT***"Experience the unimaginable"***TEST REPORT**

Sample Number : VTL/AA/15

Name &amp; Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)

Report No. : VTL/A/2406280025/B

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Medhi Mines Boundary Pillar No.-23 (Medhi Mine)  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/07  
Coordinates : 81.031055 & 24.575677  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 26/06/2024 To 27/06/2024  
Time of Monitoring : 13:00 to 13:00 Hrs.  
Ambient Temperature (°C) : Min.29° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	IS:5182 (P- 10) 1999 RA 2019 (NDIR)	0.71	mg/m <sup>3</sup>	4

\*BLQ-Below Limit Of Quantification, \*\*LOQ-Limit Of Quantification

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

**VIBRANT***"Experience the unimaginable"*Checked by  
RK Yadav  
Lab Incharge  
Authorized Signatory  

Page No. 1/1

Approved &amp; Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



Sample Number : VTL/AA/03

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/A/2406280026/A  
Format No : 7.8 F-02  
Party Reference No : NIL  
Report Date : 06/07/2024  
Period of Analysis : 28/06/2024-06/07/2024  
Receipt Date : 28/06/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

**General Information:-**

Sampling Location : Crusher Unit -II  
Sample Collected By : VTL Team  
Sampling Equipment used : RDS/FPS  
Instrument Code : VTL/RDS/FPS/07  
Coordinates : 80.99101& 24.56720  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 25/06/2024 To 26/06/2024  
Time of Monitoring : 13:30 to 13:30 Hrs.  
Ambient Temperature (°C) : Min.29° Max 39°  
Surrounding Activity : Human, Vehicular & Plant Activities  
Scope of Monitoring : Regulatory Requirement  
Method of Sampling : IS :5182  
Sampling Duration : 24 Hrs.  
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	85.12	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	44.96	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	24.85	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	13.78	µg/m³	80
5	Benzene (as C6H6)	IS 5182 (P-11)-2006, RA.2017	*BLQ (**LOQ 1.0)	µg/m³	5
6	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed.,1988, Method No. 401	6.59	µg/m³	400
7	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	16.42	µg/m³	180
8	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	0.29	µg/m³	1
9	Arsenic (as As)	Methods of air sampling and analysis,3rd ed.,1988, Method No.302	*BLQ (**LOQ 0.15)	ng/m³	6
10	Nickel (as Ni)	USEPA compendium IO-3.2,1999	*BLQ (**LOQ 5.0)	ng/m³	20
11	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	*BLQ (**LOQ 0.2)	ng/m³	1



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 1/2

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



**VIBRANT**  
"Experience the unimaginable"

TEST REPORT



Sample Number : VTL/WW/01  
Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)

Sample Description : Waste Water  
Sampling Location : STP Inlet  
Sample Collected By : VTL Team  
Preservation : Suitable Preservation  
Method of sampling : IS :3025

ULR No. : TC1122724000001312F  
Report No. : VTL/WW/2406280001/A  
Format No : 7.8 F-01  
Party Reference No : NIL  
Report Date : 06/07/2024  
Period of Analysis : 28/06/2024-06/07/2024  
Receipt Date : 28/06/2024  
Sampling Date : 27/06/2024  
Sampling Type : Grab  
Sample Quantity : 2 Ltr.  
Coordinates : 81.998838 & 24.564754

S.No.	Test Parameters	Test Method	Result	Unit
1	pH	IS: 3025 (P-11): 2022	6.92	-
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	149.00	mg/l
3	Total Dissolved Solids (TDS)	IS:3025 (P-16): 2023	1410.00	mg/l
4	Oil & Grease	IS:3025 (P-39): 2021	6.21	mg/l
5	Biochemical Oxygen Demand (BOD) (3 days @ 27°C )	IS: 3025 (P-44): 2023	52.0	mg/l
6	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2023	240.0	mg/l

\*BLQ-Below Limit Of Quantification, \*\*LOQ- Limit Of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020  
9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com





**VIBRANT**  
"Experience the unimaginable"

TEST REPORT

Sample Number : VTL/WW/01

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)

Sample Description : Waste Water

Sampling Location : STP Inlet

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTL/WW/2406280001/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sampling Date : 27/06/2024

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 81.998838 & 24.564754

S.No.	Test Parameters	Test Method	Result	Unit
1	Fecal Coliform	APHA: 9221 C: 2023	170.0	MPN/100 ml

\*BLQ-Below Limit OF Quantification, \*\*LOQ- Limit Of Quantification

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



**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory

Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



**VIBRANT**  
"Experience the unimaginable"

TEST REPORT



TC-11227

Sample Number : VTL/WW/02

M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)

Name & Address of the Party :

Sample Description : Waste Water

Sampling Location : STP Outlet

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

ULR No. : TC1122724000001313F

Report No. : VTL/WW/2406280002/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sampling Date : 27/06/2024

Sampling Type : Grab

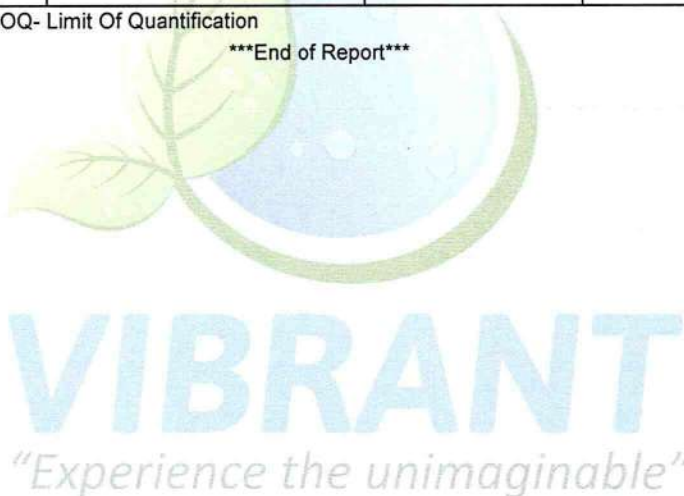
Sample Quantity : 2 Ltr.

Coordinates : 81.998838 & 24.564754

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.34	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	28.4	mg/l	100
3	Total Dissolved Solids (TDS)	IS:3025 (P-16): 2023	840.0	mg/l	2100
4	Oil & Grease	IS:3025 (P-39): 2021	*BLQ(**LOQ-4.0)	mg/l	10
5	Biochemical Oxygen Demand (BOD) (3 days @ 27°C )	IS: 3025 (P-44): 2023	12.50	mg/l	30
6	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2023	54.23	mg/l	250

\*BLQ-Below Limit OF Quantification, \*\*LOQ- Limit Of Quantification

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



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com





**VIBRANT**  
"Experience the unimaginable"

TEST REPORT

Sample Number : VTL/WW/02

M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Name & Address of the Party :

Sample Description : Waste Water

Sampling Location : STP Outlet

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTL/WW/2406280002/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sampling Date : 27/06/2024

Sampling Type : Grab

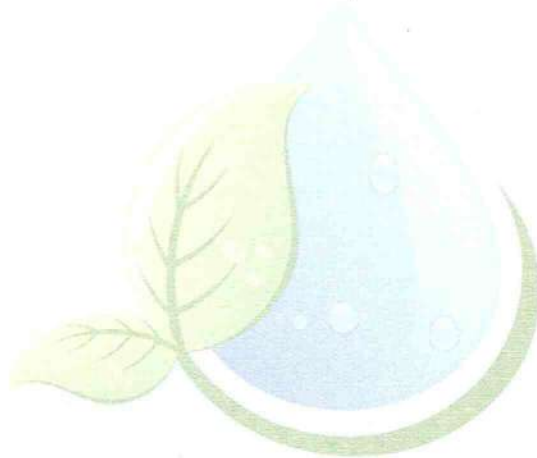
Sample Quantity : 2 Ltr.

Coordinates : 81.998838 & 24.564754

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	Fecal Coliform	APHA: 9221 C: 2023	92	MPN/100 ml	---

\*BLQ-Below Limit OF Quantification, \*\*LOQ- Limit Of Quantification

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



**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav

Lab Incharge

Authorized Signatory

Page No. 1/1

Approved & Certified

EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/WW/03

M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Name & Address of the Party :

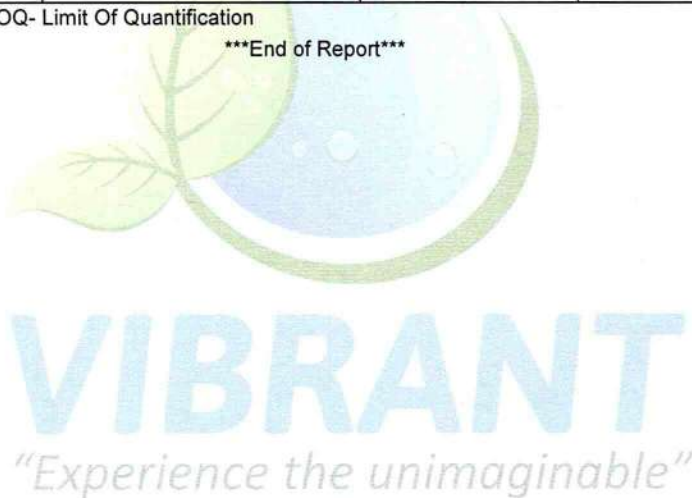
Sample Description : Waste Water  
Sampling Location : Mine Workshop  
Sample Collected By : VTL Team  
Preservation : Suitable Preservation  
Method of sampling : IS :3025

ULR No. : TC1122724000001314F  
Report No. : VTL/WW/2406280003/A  
Format No : 7.8 F-01  
Party Reference No : NIL  
Report Date : 06/07/2024  
Period of Analysis : 28/06/2024-06/07/2024  
Receipt Date : 28/06/2024  
Sampling Date : 27/06/2024  
Sampling Type : Grab  
Sample Quantity : 2 Ltr.  
Coordinates : 81.998838 & 24.564754

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.42	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	30.4	mg/l	100
3	Total Dissolved Solids (TDS)	IS:3025 (P-16): 2023	941.0	mg/l	2100
4	Oil & Grease	IS:3025 (P-39): 2021	*BLQ(**LOQ-4.0)	mg/l	10
5	Biochemical Oxygen Demand (BOD) (3 days @ 27°C )	IS: 3025 (P-44): 2023	10.0	mg/l	30
6	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2023	42.69	mg/l	250

\*BLQ-Below Limit OF Quantification, \*\*LOQ- Limit Of Quantification

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



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



**VIBRANT***"Experience the unimaginable"***TEST REPORT**

Sample Number : VTL/WW/03

M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Name &amp; Address of the Party :

Sample Description : Waste Water

Sampling Location : Mine Workshop

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTL/WW/2406280003/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 06/07/2024

Period of Analysis : 28/06/2024-06/07/2024

Receipt Date : 28/06/2024

Sampling Date : 27/06/2024

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 81.998838 &amp; 24.564754

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	Fecal Coliform	APHA: 9221 C: 2023	29	MPN/100 ml	---

\*BLQ-Below Limit OF Quantification, \*\*LOQ- Limit Of Quantification

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

**VIBRANT***"Experience the unimaginable"*

Checked by



RK Yadav

Lab Incharge

Authorized Signatory

Page No. 1/1

Approved &amp; Certified

EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



## TEST REPORT



TC-11227

**VIBRANT**

"Experience the unimaginable"

Sample Number : VTL/W/01

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)

Sample Description : Water Sample

Sampling Location : Sijahata - Village (Borewell)

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

ULR No. : TC1122724000002451F

Report No. : VTL/W/2410240001/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 28/10/2024

Period of Analysis : 24/10/2024-28/10/2024

Receipt Date : 24/10/2024

Sampling Date : 21/10/2024

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 81.998838 &amp; 24.564754

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.36	--	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025: (P-10) : 2023	*BLQ(**LOQ-1.0)	NTU	1	5
3	Total Hardness (as CaCO <sub>3</sub> )	IS: 3025 (P-21): 2009, RA 2019	245.0	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	58.14	mg/l	75	200
5	Total Alkalinity (as CaCO <sub>3</sub> )	IS: 3025 (P-23): 2023	210.0	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	46.39	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 2023	23.99	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 2023	592.0	mg/l	500	2000
9	Sulphate (as SO <sub>4</sub> )	IS: 3025 (P-24): Sec : 1 : 2022	42.1	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition ,4500FD :2017	0.41	mg/l	1.0	1.5
11	Nitrate (as NO <sub>3</sub> )	IS: 3025 (P-34): 1988	12.5	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition , 3111B,2017	0.26	mg/l	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ-0.03 )	mg/l	0.03	0.2
14	Boron (as B)	APHA 23rd Edition, 4500B,2017	*BLQ(**LOQ-0.2)	mg/l	0.5	2.4
15	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	No Relaxation
16	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.29	mg/l	5.0	15.0
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	1.5



Checked by

RK Yadav  
Lab Incharge  
Authorized Signatory 

Approved &amp; Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Page No. 1/2

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com





# TEST REPORT



TC-11227

## VIBRANT

"Experience the unimaginable"

Sample Number : VTLW/01

ULR No. : TC112272400002451F

Report No. : VTLW/2410240001/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3
19	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation
20	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05
22	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	*BLQ(**LOQ-0.001)	mg/l	0.001	No Relaxation
23	Total Coliform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
24	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
25	Nickel as Ni	APHA 23rd Edition, 3030D, 3113B 2017	*BLQ(**LOQ-0.01)	mg/l	0.02	No relaxation
26	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0

\*BLQ-Below Limit Of Quantification, \*\*LOQ- Limit of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Approved & Certified

EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Page No. 2/2

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



## TEST REPORT

**VIBRANT***"Experience the unimaginable"*

Sample Number : VTL/W/01

Name &amp; Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)

Sample Description : Water Sample

Sampling Location : Sijahata - Village (Borewell)

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTL/W/2410240001/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 28/10/2024

Period of Analysis : 24/10/2024-28/10/2024

Receipt Date : 24/10/2024

Sampling Date : 21/10/2024

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 81.998838 &amp; 24.564754

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025:(P-4) : 2021	*BLQ(**LOQ-5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-5) : 2018	Agreeable	--	Agreeable	Agreeable
3	Taste	IS :3025 (P-8): 2023	Agreeable	--	Agreeable	Agreeable
4	Sulphide	IS 3025 (P-29) :1986 RA 2019 Idometric	*BLQ(**LOQ-0.1)	mg/l	0.05	No Relaxation

\*BLQ-Below Limit Of Quantification, \*\*LOQ- Limit of Quantification

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

**VIBRANT***"Experience the unimaginable"*

Checked by



RK Yadav

Lab Incharge

Authorized Signatory

Approved &amp; Certified

EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Page No. 1/1

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com





## TEST REPORT



TC-11227

**VIBRANT**

"Experience the unimaginable"

Sample Number : VTL/GW/15

Name &amp; Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)

Sample Description : Water Sample

Sampling Location : Hinauti Village - Hand Pump

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

ULR No. : TC1122724000002453F

Report No. : VTL/W/2410240003/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 28/10/2024

Period of Analysis : 24/10/2024-28/10/2024

Receipt Date : 24/10/2024

Sampling Date : 21/10/2024

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 81.998838 &amp; 24.564754

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.39	--	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025: (P-10) : 2023	*BLQ(**LOQ-1.0)	NTU	1	5
3	Total Hardness (as CaCO <sub>3</sub> )	IS: 3025 (P-21): 2009, RA 2019	213.0	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	49.85	mg/l	75	200
5	Total Alkalinity (as CaCO <sub>3</sub> )	IS: 3025 (P-23): 2023	198.0	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	79.6	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 2023	21.53	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 2023	590.0	mg/l	500	2000
9	Sulphate (as SO <sub>4</sub> )	IS: 3025 (P-24): Sec : 1 : 2022	62.4	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition ,4500FD :2017	0.42	mg/l	1.0	1.5
11	Nitrate (as NO <sub>3</sub> )	IS: 3025 (P-34): 1988	9.85	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition , 3111B,2017	0.26	mg/l	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ-0.03 )	mg/l	0.03	0.2
14	Boron (as B)	APHA 23rd Edition, 4500B,2017	*BLQ(**LOQ-0.2)	mg/l	0.5	2.4
15	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	No Relaxation
16	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.34	mg/l	5.0	15.0
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	1.5



Checked by

RK Yadav  
Lab Incharge  
Authorized Signatory 

Approved &amp; Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Page No. 1/2

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



# TEST REPORT



**VIBRANT**

"Experience the unimaginable"

Sample Number : VTL/GW/15

ULR No. : TC1122724000002453F

Report No. : VTLW/2410240003/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3
19	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation
20	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05
22	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	*BLQ(**LOQ-0.001)	mg/l	0.001	No Relaxation
23	Total Coliform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
24	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
25	Nickel as Ni	APHA 23rd Edition, 3030D, 3113B 2017	*BLQ(**LOQ-0.01)	mg/l	0.02	No relaxation
26	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0

\*BLQ-Below Limit Of Quantification, \*\*LOQ- Limit of Quantification

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



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Page No. 2/2

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com





## TEST REPORT

**VIBRANT***"Experience the unimaginable"*

Sample Number : VTL/GW/15

Name &amp; Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)

Sample Description : Water Sample

Sampling Location : Hinauti Village - Hand Pump

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTL/W/2410240003/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 28/10/2024

Period of Analysis : 24/10/2024-28/10/2024

Receipt Date : 24/10/2024

Sampling Date : 21/10/2024

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 81.998838 &amp; 24.564754

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025 (P-4) : 2021	*BLQ(**LOQ-5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-5) : 2018	Agreeable	--	Agreeable	Agreeable
3	Taste	IS :3025 (P-8): 2023 .	Agreeable	--	Agreeable	Agreeable
4	Sulphide	IS 3025 (P-29) :1986 RA 2019 Idometric	*BLQ(**LOQ-0.1)	mg/l	0.05	No Relaxation

\*BLQ-Below Limit Of Quantification, \*\*LOQ- Limit of Quantification

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

Checked by  
RK Yadav  
Lab Incharge  
Authorized Signatory  

Approved &amp; Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Page No. 1/1

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



## TEST REPORT



TC-11227

**VIBRANT**

"Experience the unimaginable"

Sample Number : VTL/GW/05

Name &amp; Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)

Sample Description : Water Sample

Sampling Location : Mankahari Village - Hand Pump

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

ULR No. : TC1122724000002455F

Report No. : VTL/W/2410240005/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 28/10/2024

Period of Analysis : 24/10/2024-28/10/2024

Receipt Date : 24/10/2024

Sampling Date : 21/10/2024

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 81.998838 &amp; 24.564754

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.26	--	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025: (P-10) : 2023	*BLQ(**LOQ-1.0)	NTU	1	5
3	Total Hardness (as CaCO <sub>3</sub> )	IS: 3025 (P-21): 2009, RA 2019	225.0	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	58.74	mg/l	75	200
5	Total Alkalinity (as CaCO <sub>3</sub> )	IS: 3025 (P-23): 2023	142.0	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	36.4	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 2023	19.06	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 2023	490.0	mg/l	500	2000
9	Sulphate (as SO <sub>4</sub> )	IS: 3025 (P-24): Sec : 1 : 2022	41.32	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition ,4500FD :2017	0.28	mg/l	1.0	1.5
11	Nitrate (as NO <sub>3</sub> )	IS: 3025 (P-34): 1988	16.45	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition , 3111B,2017	0.24	mg/l	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ-0.03 )	mg/l	0.03	0.2
14	Boron (as B)	APHA 23rd Edition, 4500B,2017	*BLQ(**LOQ-0.2)	mg/l	0.5	2.4
15	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	No Relaxation
16	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.26	mg/l	5.0	15.0
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	1.5



Checked by

RK Yadav  
Lab Incharge  
Authorized Signatory

Approved &amp; Certified

EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Page No. 1/2

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



**VIBRANT**

"Experience the unimaginable"

**TEST REPORT**

TC-11227

Sample Number : VTL/GW/05

ULR No. : TC1122724000002455F

Report No. : VTL/W/2410240005/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3
19	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation
20	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05
22	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	*BLQ(**LOQ-0.001)	mg/l	0.001	No Relaxation
23	Total Coliform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
24	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
25	Nickel as Ni	APHA 23rd Edition, 3030D, 3113B 2017	*BLQ(**LOQ-0.01)	mg/l	0.02	No relaxation
26	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0

\*BLQ-Below Limit Of Quantification, \*\*LOQ- Limit of Quantification

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

**VIBRANT**  
"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Term &amp; conditions PTO

Approved &amp; Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Page No. 2/2

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



## TEST REPORT

**VIBRANT**

"Experience the unimaginable"

Sample Number : VTL/GW/05

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)

Sample Description : Water Sample

Sampling Location : Mankahari Village - Hand Pump

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTL/W/2410240005/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 28/10/2024

Period of Analysis : 24/10/2024-28/10/2024

Receipt Date : 24/10/2024

Sampling Date : 21/10/2024

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 81.998838 &amp; 24.564754

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025:(P-4) : 2021	*BLQ(**LOQ-5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-5) : 2018	Agreeable	--	Agreeable	Agreeable
3	Taste	IS :3025 (P-8): 2023	Agreeable	--	Agreeable	Agreeable
4	Sulphide	IS 3025 (P-29) :1986 RA 2019 Idometric	*BLQ(**LOQ-0.1)	mg/l	0.05	No Relaxation

\*BLQ-Below Limit Of Quantification, \*\*LOQ- Limit of Quantification

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

**VIBRANT**

"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory

Approved &amp; Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Page No. 1/1

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com





# TEST REPORT



TC-11227

**VIBRANT**

"Experience the unimaginable"

Sample Number : VTL/GW/12

Name & Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Sample Description : Water Sample

Sampling Location : PCL Limestone Mines Site Office D. Water

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

ULR No. : TC1122724000002460F

Report No. : VTL/W/2410240010/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 28/10/2024

Period of Analysis : 24/10/2024-28/10/2024

Receipt Date : 24/10/2024

Sampling Date : 21/10/2024

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 81.998838 & 24.564754

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.85	--	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025: (P-10) : 2023	*BLQ(**LOQ-1.0)	NTU	1	5
3	Total Hardness (as CaCO <sub>3</sub> )	IS: 3025 (P-21): 2009, RA 2019	298.0	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	85.04	mg/l	75	200
5	Total Alkalinity (as CaCO <sub>3</sub> )	IS: 3025 (P-23): 2023	210.0	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	142.0	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 2023	20.85	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 2023	682.0	mg/l	500	2000
9	Sulphate (as SO <sub>4</sub> )	IS: 3025 (P-24): Sec : 1 : 2022	39.41	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition ,4500FD :2017	0.42	mg/l	1.0	1.5
11	Nitrate (as NO <sub>3</sub> )	IS: 3025 (P-34): 1988	15.4	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition , 3111B,2017	0.23	mg/l	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ-0.03 )	mg/l	0.03	0.2
14	Boron (as B)	APHA 23rd Edition, 4500B,2017	*BLQ(**LOQ-0.2)	mg/l	0.5	2.4
15	Total Chromium (as Cr)	APHA 23rd Edition 2017 3113 B, 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	No Relaxation
16	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.24	mg/l	5.0	15.0
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.05	1.5



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Approved & Certified

EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Page No. 1/2

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



# TEST REPORT



TC-11227

**VIBRANT**

"Experience the unimaginable"

Sample Number : VTL/GW/12

ULR No. : TC1122724000002460F

Report No. : VTL/W/2410240010/A

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3
19	Cadmium (as Cd)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation
20	Lead (as Pb)	APHA 23rd Edition, 3030D, 3113 B, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05
22	Mercury (as Hg)	APHA 23rd edition, 3114C 2017	*BLQ(**LOQ-0.001)	mg/l	0.001	No Relaxation
23	Total Coliform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
24	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	--
25	Nickel as Ni	APHA 23rd Edition, 3030D, 3113B 2017	*BLQ(**LOQ-0.01)	mg/l	0.02	No relaxation
26	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0

\*BLQ-Below Limit Of Quantification, \*\*LOQ- Limit of Quantification

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



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Approved & Certified

EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Page No. 2/2

Term & conditions PTO

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com





## TEST REPORT

**VIBRANT**

"Experience the unimaginable"

Sample Number : VTL/GW/12

Name &amp; Address of the Party : M/s PRISM JOHNSON LIMITED

Village- Mankahari, Tehsil- Rampur Baghelan, Dist. -  
Satna (M.P.)

Sample Description : Water Sample

Sampling Location : PCL Limestone Mines Site Office D. Water

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTL/W/2410240010/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 28/10/2024

Period of Analysis : 24/10/2024-28/10/2024

Receipt Date : 24/10/2024

Sampling Date : 21/10/2024

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 81.998838 &amp; 24.564754

S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS : 3025:(P-4) : 2021	*BLQ(**LOQ-5.0)	Hazen	5	15
2	Odour	IS : 3025 (P-5) : 2018	Agreeable	--	Agreeable	Agreeable
3	Taste	IS :3025 (P-8): 2023	Agreeable	--	Agreeable	Agreeable
4	Sulphide	IS 3025 (P-29) :1986 RA 2019 Idometric	*BLQ(**LOQ-0.1)	mg/l	0.05	No Relaxation

\*BLQ-Below Limit Of Quantification, \*\*LOQ- Limit of Quantification

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



Checked by



RK Yadav

Lab Incharge

Authorized Signatory

Approved &amp; Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Page No. 1/1

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

Sample Number : VTL/AN/04

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/N/2406280010/A  
Format No : 7.8 F-04  
Party Reference No : NIL  
Report Date : 06/07/2024  
Receipt Date : 28/06/2024  
Sampling Duration : 24 Hrs.  
Sample Collected : VTL Team  
Instrument : Calibrated  
Calibration Status

Sample Description : Ambient Noise Level Monitoring  
Scope of Monitoring : Regulatory Requirement  
Protocol Used : IS 9989  
Instrument Used : SLM

**General Information:-**

Sampling Location : Village - Sijahata (Hinauti & Sijahata PCL Mine)  
Instrument Code : VTL/SLM/04  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 24/06/2024 To 25/06/2024  
Time of Monitoring : 06:00 to 06:00 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Parameter Required : As per work order  
Coordinates : 80.99117 & 24.56758

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Leq	IS 9989 - 1981 RA:2020	51.8	42.1

**Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000**

Area Code	Category of Area/Zone	Limits in dB(A) Leq*	
		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

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

"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com





**VIBRANT**  
"Experience the unimaginable"

## TEST REPORT



Sample Number : VTL/AN/03

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/N/2406280011/A

Format No : 7.8 F-04

Party Reference No : NIL

Report Date : 06/07/2024

Receipt Date : 28/06/2024

Sampling Duration : 24 Hrs.

Sample Collected : VTL Team

Instrument : Calibrated

Calibration Status

Sample Description : Ambient Noise Level Monitoring  
Scope of Monitoring : Regulatory Requirement  
Protocol Used : IS 9989  
Instrument Used : SLM

### General Information:-

Sampling Location : Village - Hinauti (Hinauti & Sijahata PCL Mine)  
Instrument Code : VTL/SLM/05  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 24/06/2024 To 25/06/2024  
Time of Monitoring : 06:00 to 06:00 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Parameter Required : As per work order  
Coordinates : 80.99117 & 24.56758

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Leq	IS 9989 - 1981 RA:2020	52.6	39.9

### Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in dB(A) Leq*	
		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

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

"Experience the unimaginable"



Checked by  
*[Signature]*



RK Yadav  
Lab Incharge  
Authorized Signatory  
*[Signature]*



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



**VIBRANT**  
"Experience the unimaginable"

## TEST REPORT



TC-11227

Sample Number : VTL/AN/02

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/N/2406280012/A

Format No : 7.8 F-04

Party Reference No : NIL

Report Date : 06/07/2024

Receipt Date : 28/06/2024

Sampling Duration : 24 Hrs.

Sample Collected : VTL Team

Instrument : Calibrated

Calibration Status

Sample Description : Ambient Noise Level Monitoring  
Scope of Monitoring : Regulatory Requirement  
Protocol Used : IS 9989  
Instrument Used : SLM

### General Information:-

Sampling Location : Near Western Block Garden (Hinauti & Sijahata PCL Mine)  
Instrument Code : VTL/SLM/06  
Meteorological condition during monitoring : Clear Sky  
Date of Monitoring : 24/06/2024 To 25/06/2024  
Time of Monitoring : 06:00 to 06:00 Hrs.  
Ambient Temperature (°C) : Min.30° Max 39°  
Surrounding Activity : Human, Vehicular & Other Activities  
Parameter Required : As per work order  
Coordinates : 80.99117 & 24.56758

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Leq	IS 9989 - 1981 RA:2020	49.8	38.1

### Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in dB(A) Leq*	
		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

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

"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com



Sample Number : VTL/AN/01

Name & Address of the Party : M/s PRISM JOHNSON LIMITED  
Village- Mankahari, Tehsil- Rampur Baghelan, Dist. - Satna (M.P.)

Report No. : VTL/N/2406280013/A

Format No : 7.8 F-04

Party Reference No : NIL

Report Date : 06/07/2024

Receipt Date : 28/06/2024

Sampling Duration : 24 Hrs.

Sample Collected : VTL Team

Instrument : Calibrated

Calibration Status

Sample Description : Ambient Noise Level Monitoring

Scope of Monitoring : Regulatory Requirement

Protocol Used : IS 9989

Instrument Used : SLM

**General Information:-**

Sampling Location : Near Mine Site Office ((Hinauti & Sijahata PCL Mine)

Instrument Code : VTL/SLM/07

Meteorological condition during monitoring : Clear Sky

Date of Monitoring : 24/06/2024 To 25/06/2024

Time of Monitoring : 06:00 to 06:00 Hrs.

Ambient Temperature (°C) : Min.30° Max 39°

Surrounding Activity : Human, Vehicular & Other Activities

Parameter Required : As per work order

Coordinates : 80.99117 & 24.56758

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Leq	IS 9989 - 1981 RA:2020	49.8	39.5

**Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000**

Area Code	Category of Area/Zone	Limits in dB(A) Leq*	
		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

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

"Experience the unimaginable"



Checked by



RK Yadav  
Lab Incharge  
Authorized Signatory



Page No. 1/1

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

**Vibrant Techno Lab Pvt. Ltd.**

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020

9929108691, 9810205356, 8005707098, 9549956601

0141-2954638

bd@vibranttechnolab.com

www.vibranttechnolab.com

## PRISM CEMENT LIMESTONE MINES

Detail of Personal Protective Equipments are given below

Total PPE's for Mines From Apr 2024 - Sep 2024				
S.No	Material	Qty.	Per Qty in RS	Amount in Rs.
1	Dust Mask	195	15.23	2969.85
2	Google Safety Glass PVC.	55	50.83	2795.65
3	Hand Gloves	180	34.2	6156
4	Helmet Industrial Safety	40	115	4600
5	Jacket fluorescent High Visibility Wear	172	127	21844
6	Plug Ear muff	260	8	2080
7	Safety Shoes	350	1018	356300
TOTAL		1252		396745.5



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 pointiwise 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 ::

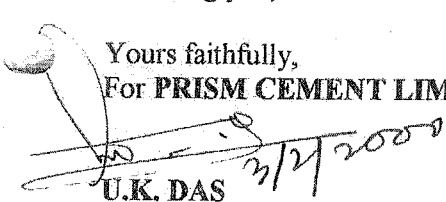
- h) **Regular submission of reports for every 6 months about environmental compliance to Regional office:**

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: Addiional 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)

**PRISM JOHNSON LTD.**  
**CSR Activities Status and Expense Summary FY 2024-25 (Cement)**

Sl. No.	CSR Project Name/ Activities Undertaken	Item from the list of activities in Schedule VII of the Act	Location of the Project			Implementation Schedule during FY 2024-245 in crore					Amount Spent In the Project or Programs (Rs. in Crore)	Mode of Implementation on Direct: Yes/No	Mode of Implementation - Through Implementing Agency	
			Local Area (Yes/No)	State	District	Q1	Q2	Q3	Q4	Total			Name	CSR Registration No.
A.	Availability of drinking water Schedule VII (i))													
1	Drinking water supply through Water Tanker at nearby villages in summer season	Availability of drinking water Schedule VII (i))	Yes	Madhya Pradesh	Satna	0.02	0	0	0.01	0.03	0.02	Yes	-	-
2	Drilling of a 300-foot bore well with 1 HP submersible water pump installation at Khambha Baba Mankahari	Availability of drinking water Schedule VII (i))	Yes	Madhya Pradesh	Satna	0	0	0	0	0.00	0.01	Yes	-	-
3	Installation of new hand pump at Sijahata	Availability of drinking water Schedule VII (i))	Yes	Madhya Pradesh	Satna	0	0.015	0	0	0.02	0.00	Yes	-	-
4	Installation of new Hand pump with bore well at nearby villages Baghai	Availability of drinking water Schedule VII (i))	Yes	Madhya Pradesh	Satna	0	0	0	0	0.00	0.00	Yes	-	-
5	Installation of new hand pump at Bathiya	Availability of drinking water Schedule VII (i))	Yes	Madhya Pradesh	Satna	0	0	0	0	0.00	0.00	Yes	-	-
			Sub Total			0.02	0.02	0.00	0.01	0.05	0.03			
B.	Environment, water Conservation and Promoting renewable energy													
6	Road side plantation with tree guards at Baghai and Medhi (65)	Plantation for Environment Conservation Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0	0.02	0	0	0.02	0.02	Yes	-	-
7	Survival of 53000 saplings at Khamhariya Forest Land plantation	Plantation for Environment Conservation Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0.04	0.03	0.03	0.04	0.14	0.05	Yes	-	-
8	Survival of 20000 saplings at Chulhi Jamodi Forest Land plantation under CSE/CSR redencification Scheme	Plantation for Environment Conservation Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0.03	0	0	0	0.03	0.03	No	Divisional Forest Officer Satna	CSR00033247
9	Distribution of 5200 Fruit Plants to villagers at Mankahari, Malgaon, Mahurachh, Bahelia Bhat, Baghai, Narsinghpur, Hinauti, Ghunghunehai, Sailanpur	Plantation for Environment Conservation Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0	0.01	0	0	0.01	0.01	Yes	-	-
10	Desilting of 145 M waterways channel at Bamhauri	Conservation of Natural Resources Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0.01	0.02	0	0	0.03	0.02	Yes	-	-



**PRISM JOHNSON LTD.**  
**CSR Activities Status and Expense Summary FY 2024-25 (Cement)**

Sl. No.	CSR Project Name/ Activities Undertaken	Item from the list of activities in Schedule VII of the Act	Location of the Project			Implementation Schedule during FY 2024-245 in crore					Amount Spent In the Project or Programs (Rs. in Crore)	Mode of Implementation Direct: Yes/No	Mode of Implementation - Through Implementing Agency	
			Local Area (Yes/No)	State	District	Q1	Q2	Q3	Q4	Total			Name	CSR Registration No.
11	Construction of Single Bore shaft water harvesting structures at Selhana Baijanaha	Water Conservation Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0.01	0	0	0	0.01	0.00	Yes	-	-
12	Construction of Single Bore shaft water harvesting structures at Padkhuri	Water Conservation Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0	0.02	0	0	0.02	0.00	Yes	-	-

**PRISM JOHNSON LTD.**  
**CSR Activities Status and Expense Summary FY 2024-25 (Cement)**

Sl. No.	CSR Project Name/ Activities Undertaken	Item from the list of activities in Schedule VII of the Act	Location of the Project			Implementation Schedule during FY 2024-245 in crore					Amount Spent In the Project or Programs (Rs. in Crore)	Mode of Implementation on Direct: Yes/No	Mode of Implementation - Through Implementing Agency	
			Local Area (Yes/No)	State	District	Q1	Q2	Q3	Q4	Total			Name	CSR Registration No.
13	Construction of 50 perforated drum based water harvesting structures at Tapa	Water Conservation Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0	0.02	0	0	0.02	0.00	Yes	-	-
14	Construction of 50 perforated drum based water harvesting structures at Bairiha	Water Conservation Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0	0.02	0	0	0.02	0.01	Yes	-	-
15	Construction of 50 perforated drum based water harvesting structures at Bathiya	Water Conservation Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0	0.03	0	0	0.03	0.00	Yes	-	-
			Sub Total			0.09	0.17	0.03	0.04	0.33	0.14			
C.	Health & Hygiene Schedule VII (i)													
16	Free consultation & medicines distribution to ----- patients from PCL Medical centre Out door patient to nearby villagers from Mankahari, Hinauta, Hinauti, Pithaipur, Badarakha, Sijahata, Medhi, Jhanjhar, Mugwari, Baghai, Bathiya, Bamhauri, Mahurachh, Narsinghpur, Chulhi, Majhiyar, Bairiha & Chormari	Health & Hygiene Schedule VII (i)	Yes	Madhya Pradesh	Satna	0.01	0.01	0.01	0.01	0.04	0.04	Yes	-	-
17	Providing of free ambulance services to --- patients from Mankahari, Hinauta, Hinauti, Pithaipur, Badarakha, Sijahata, Medhi, Jhanjhar, Mugwari, Baghai, Bathiya, Bamhauri, Mahurachh, Narsinghpur, Chulhi, Majhiyar, Bairiha & Chormari	Health & Hygiene Schedule VII (i)	Yes	Madhya Pradesh	Satna	0.02	0.02	0.02	0.02	0.08	0.03	Yes	-	-
18	Organisation of Mega Medical Camps in nearby villages (4 Nos.)	Health & Hygiene Schedule VII (i)	Yes	Madhya Pradesh	Satna	0	0	0.02	0.01	0.03	0.00	Yes	-	-
19	Operation & Maintenance of Sulabh Complex at Mahurachh Turning (12 months)	Health & Hygiene Schedule VII (i)	Yes	Madhya Pradesh	Satna	0.00075	0.00075	0.00075	0.00075	0	0.00	Yes	-	-



**PRISM JOHNSON LTD.**  
**CSR Activities Status and Expense Summary FY 2024-25 (Cement)**

Sl. No.	CSR Project Name/ Activities Undertaken	Item from the list of activities in Schedule VII of the Act	Location of the Project			Implementation Schedule during FY 2024-245 in crore					Amount Spent In the Project or Programs (Rs. in Crore)	Mode of Implementation on Direct: Yes/No	Mode of Implementation - Through Implementing Agency	
			Local Area (Yes/No)	State	District	Q1	Q2	Q3	Q4	Total			Name	CSR Registration No.
20	Providing sanitary machines and awareness training in Baghai, Bairiha and Sijahata villages	Health & Hygiene Schedule VII (i)	Yes	Madhya Pradesh	Satna	0	0.01	0	0	0.01	0.00	Yes	-	-
			Sub Total			0.03	0.04	0.05	0.04	0.16	0.07			

**PRISM JOHNSON LTD.**  
**CSR Activities Status and Expense Summary FY 2024-25 (Cement)**

Sl. No.	CSR Project Name/ Activities Undertaken	Item from the list of activities in Schedule VII of the Act	Location of the Project			Implementation Schedule during FY 2024-245 in crore					Amount Spent In the Project or Programs (Rs. in Crore)	Mode of Implementation on Direct: Yes/No	Mode of Implementation - Through Implementing Agency	
			Local Area (Yes/No)	State	District	Q1	Q2	Q3	Q4	Total			Name	CSR Registration No.
D.	Promoting Education Schedule VII (ii)													
21	Renovation of Government Middle School Chulhi	Promoting Education Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0	0.01	0.02	0	0.03	0.00	Yes	-	-
22	Painting of Govt. Degree College Rampur Baghelan	Promoting Education Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0	0.01	0.01	0	0.02	0.00	Yes	-	-
23	Renovation of Government Middle School Bardadih	Promoting Education Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0	0	0.01	0.01	0.02	0.00	Yes	-	-
24	Construction of 179 M Boundary wall at Government Primary School Medhi	Promoting Education Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0.03	0.03	0.02	0.04	0.12	0.00	Yes	-	-
25	Renovation and support to Anganvadi at Bamhauri villages	Promoting Education Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0	0	0.01	0.01	0.02	0.00	Yes	-	-
26	200 Awareness Wall paintings and slogans writing pertaining to different social themes at Mahurachh, Karmau, Bairiha and Tapa	Promoting Education Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0.01	0	0	0	0.01	0.01	Yes	-	-
27	Distribution of stationery and Bag to 500 students from Govt Schools Hinauti, Sijahata and Baghai and Vaccume Cleaner to Govt Middle School Malgaon	Promoting Education Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0	0.01	0.01	0	0.02	0.00	Yes	-	-
28	Scholarship to 36 Meritorious (1st, 2nd and 3rd rank holder) Students from Government Higher Secondary School Sijahata and Bamhauri, Government Girls Middle School Sijahata, Government Middle School Mankahari, Hinauti, Baghai, Malgaon and Chulhi	Promoting Education Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0	0.01	0	0	0.01	0.01	Yes	-	-
			Sub Total			0.04	0.07	0.08	0.06	0.25	0.02			
E.	Rural Infrastructure Development Schedule VII (X)													
29	Construction of 2.5KM*4M WBM road at Chulhi	Rural Infrastructure Development Schedule VII (X)	Yes	Madhya Pradesh	Satna	0.01	0.01	0	0	0.02	0.00	Yes	-	-



**PRISM JOHNSON LTD.**  
**CSR Activities Status and Expense Summary FY 2024-25 (Cement)**

Sl. No.	CSR Project Name/ Activities Undertaken	Item from the list of activities in Schedule VII of the Act	Location of the Project			Implementation Schedule during FY 2024-245 in crore					Amount Spent In the Project or Programs (Rs. in Crore)	Mode of Implementation on Direct: Yes/No	Mode of Implementation - Through Implementing Agency	
			Local Area (Yes/No)	State	District	Q1	Q2	Q3	Q4	Total			Name	CSR Registration No.
30	135 meters Pathway construction along with pond at Mankahari	Rural Infrastructure Development Schedule VII (X)	Yes	Madhya Pradesh	Satna	0	0.01	0.02	0	0.03	0.04	Yes	-	-
31	Construction of 100 running meter drainage at Chulhi	Rural Infrastructure Development Schedule VII (X)	Yes	Madhya Pradesh	Satna	0	0.02	0.02	0	0.04	0.00	Yes	-	-
32	Construction of 100 running meter drainage at Baghai	Rural Infrastructure Development Schedule VII (X)	Yes	Madhya Pradesh	Satna	0	0.02	0.02	0	0.04	0.00	Yes	-	-
33	Construction of devighat at Hinauti	Rural Infrastructure Development Schedule VII (X)	Yes	Madhya Pradesh	Satna	0	0.02	0.02	0	0.04	0.00	Yes	-	-
			Sub Total			0.01	0.08	0.08	0.00	0.17	0.04			
<b>F.</b>	<b>Social Welfare Schedule VII (iii, iv &amp; vi)</b>													
34	Support to Old Age Home, Dr. Lalta Prasad Khare Charitable Trust, Nimi Babupur	Social Welfare Schedule VII (iii)	Yes	Madhya Pradesh	Satna	0.02	0.02	0.01	0.01	0.06	0.03	No	Dr. Lalta Prasad Khare Public Charitable Trust Chandrashaya Sakariya Road Nimi Satna Mob: 9425172747	CSR00000455
35	Assistance Measures for development of societies, war widows, social weaker section of society, promoting art and culture etc.	Social Welfare Schedule VII (iii)	Yes	Madhya Pradesh	Satna	0	0	0.01	0	0.01	0.00	Yes	-	-
36	Fodder arrangement for 100 cows at Gaushala Mahurachh	Animal Welfare Schedule VII (iv)	Yes	Madhya Pradesh	Satna	0.02	0.01	0	0	0.03	0.03	Yes	-	-
			Sub Total			0.04	0.03	0.02	0.01	0.10	0.06			
<b>G.</b>	<b>Vocational Skill Development Schedule VII (ii)</b>													
37	Training program for driver with license making for 50 persons	Vocational Skill Development Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0	0	0.01	0	0.01	0.00	Yes	-	-
38	Training program for Stitching for 33 persons from nearby villages.	Vocational Skill Development Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0	0	0.02	0.01	0.03	0.00	Yes	-	-
39	Training program for farmers for organic farming and NADEP from nearby villages training to 50 farmers	Livelihood Assistance Schedule VII (ii)	Yes	Madhya Pradesh	Satna	0	0	0.01	0	0.01	0.00	Yes	-	-

**PRISM JOHNSON LTD.**  
**CSR Activities Status and Expense Summary FY 2024-25 (Cement)**

Sl. No.	CSR Project Name/ Activities Undertaken	Item from the list of activities in Schedule VII of the Act	Location of the Project			Implementation Schedule during FY 2024-245 in crore					Amount Spent In the Project or Programs (Rs. in Crore)	Mode of Implementation on Direct: Yes/No	Mode of Implementation - Through Implementing Agency	
			Local Area (Yes/No)	State	District	Q1	Q2	Q3	Q4	Total			Name	CSR Registration No.
			Sub Total			0.00	0.00	0.04	0.01	0.05	0.00			
			Grand Total			0.23	0.41	0.30	0.17	1.11	0.36			

Prakash Pandey  
Prepared By

Devendra Mishra  
Checked By

M. K. Sinha  
Functional Head

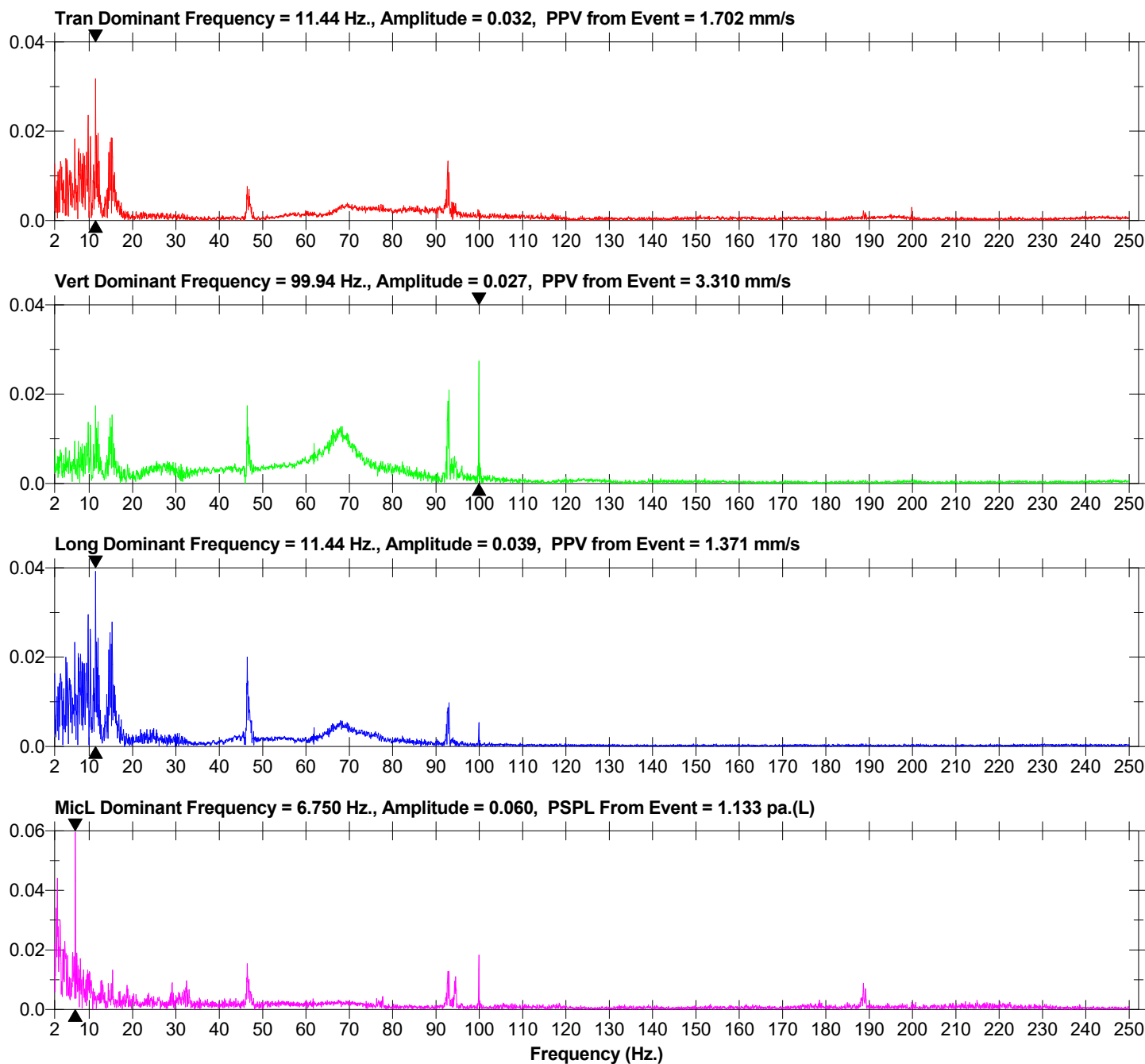
**Date/Time** Vert at 13:56:57 April 20, 2024  
**Trigger Source** Geo: 0.500 mm/s, Mic: 2.000 pa.(L)  
**Range** Geo: 254.0 mm/s  
**Record Time** 10.725 sec (Auto=7Sec) at 1024 sps  
**Operator/Setup:** Operator/BGM.MMB

**Serial Number** UM8131 V 10-76 Micromate ISEE  
**Battery Level** 3.8 Volts  
**Unit Calibration** January 29, 2024 by UES New Delhi  
**File Name** UM8131\_20240420135657.IDFW

**Notes**  
 Location: Amalgamated Prism Cement and Bandarkha  
 Client:  
 User Name: PRISM JOHNSON LIMITED  
 General:

**Extended Notes**  
 Amalgamated Prism Cement and Bandarkha Limestone Mine

**Post Event Notes**  
 MNK/2ND BENCH/HR/SOUTH SIDE  
 Nos. OF Holes 41, Avg. Depth 7.81 Mtrs.,  
 Ch./Delay 40.2 Kgs., OBSERVATION Dist. 250 Mtrs.





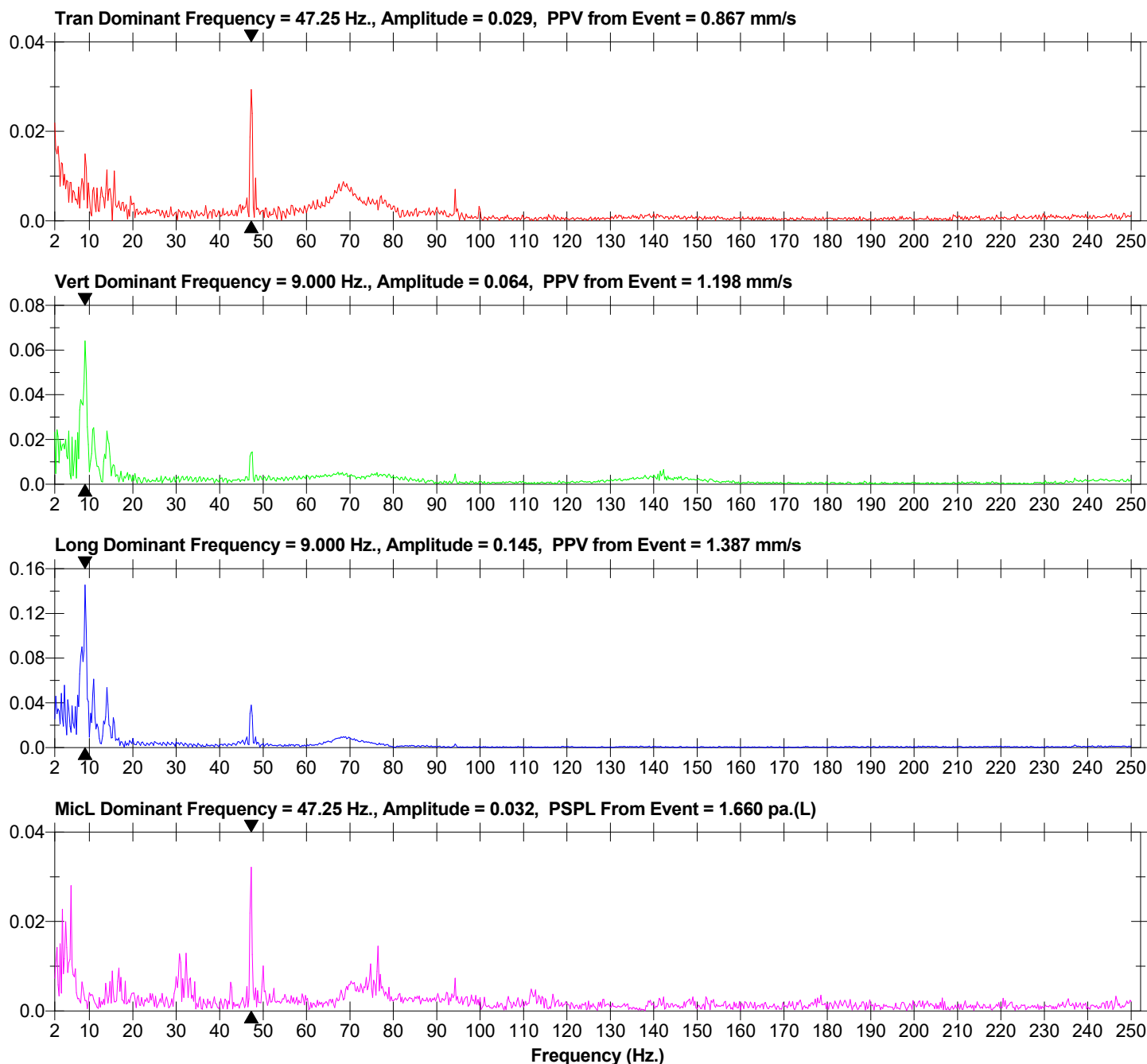
**Date/Time** Vert at 13:55:07 May 14, 2024  
**Trigger Source** Geo: 0.500 mm/s, Mic: 2.000 pa.(L)  
**Range** Geo: 254.0 mm/s  
**Record Time** 2.0 sec (Auto=7Sec) at 1024 sps  
**Operator/Setup:** Operator/BGM.MMB

**Serial Number** UM8131 V 10-76 Micromate ISEE  
**Battery Level** 3.8 Volts  
**Unit Calibration** January 29, 2024 by UES New Delhi  
**File Name** UM8131\_20240514135507.IDFW

**Notes**  
 Location: Amalgamated Prism Cement and Bandarkha  
 Client:  
 User Name: PRISM JOHNSON LIMITED  
 General:

**Extended Notes**  
 Amalgamated Prism Cement and Bandarkha Limestone Mine

**Post Event Notes**  
 BDK/1ST BENCH/LS/EAST SIDE  
 Nos. OF Holes 25, Avg. Depth 7.18 Mtrs.,  
 Ch./Delay 35 Kgs., OBSERVATION Dist. 250 Mtrs.



**Date/Time** Tran at 01:34:14 June 29, 2024  
**Trigger Source** Geo: 0.500 mm/s, Mic: 2.000 pa.(L)  
**Range** Geo: 254.0 mm/s  
**Record Time** 1.5 sec (Auto=7Sec) at 1024 sps  
**Operator/Setup:** Operator/BGM.mmb

**Serial Number** UM8131 V 10-76 Micromate ISEE  
**Battery Level** 3.8 Volts  
**Unit Calibration** January 29, 2024 by UES New Delhi  
**File Name** UM8131\_20240629013414.IDFW

## Notes

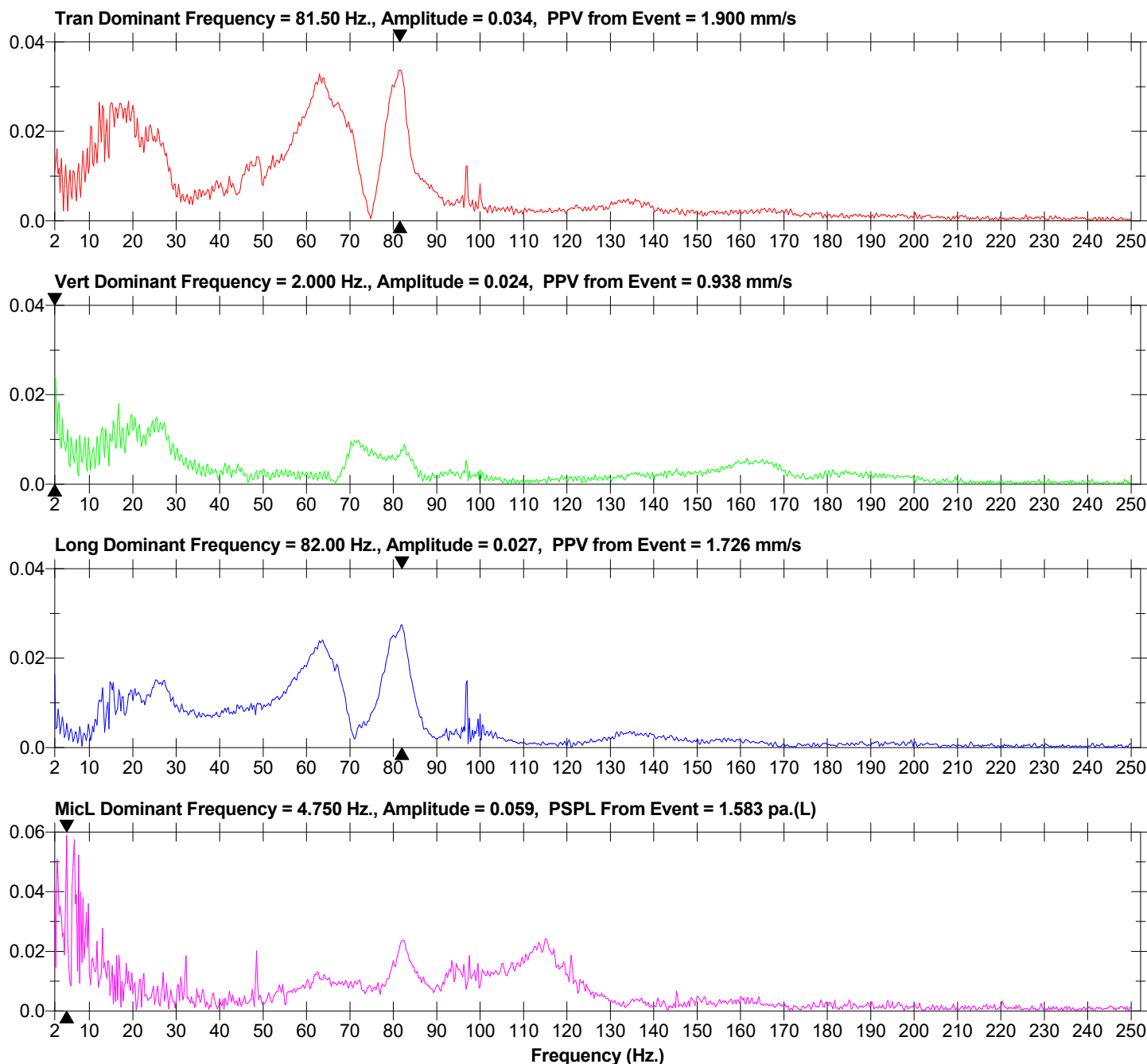
**Location:** Amalgamated Prism Cement & Bandarkha LS  
**Client:**  
**User Name:** PRISM JOHNSON LIMITED SATNA  
**General:**

## Extended Notes

Amalgamated Prism Cement & Bandarkha Limestone Mine

## Post Event Notes

MNK/5th Bench Low MgO, South,  
 No of holes 60 nos, Depth - 5.45 Mtrs.  
 Charge/delay - 28.33 Kgs, Obsevation Distance - 250 m



**Date/Time** Vert at 01:38:19 July 5, 2024  
**Trigger Source** Geo: 0.500 mm/s, Mic: 2.000 pa.(L)  
**Range** Geo: 254.0 mm/s  
**Record Time** 2.5 sec (Auto=7Sec) at 1024 sps  
**Operator/Setup:** Operator/BGM.mmb

**Serial Number** UM8131 V 10-76 Micromate ISEE  
**Battery Level** 3.8 Volts  
**Unit Calibration** January 29, 2024 by UES New Delhi  
**File Name** UM8131\_20240705013819.IDFW

## Notes

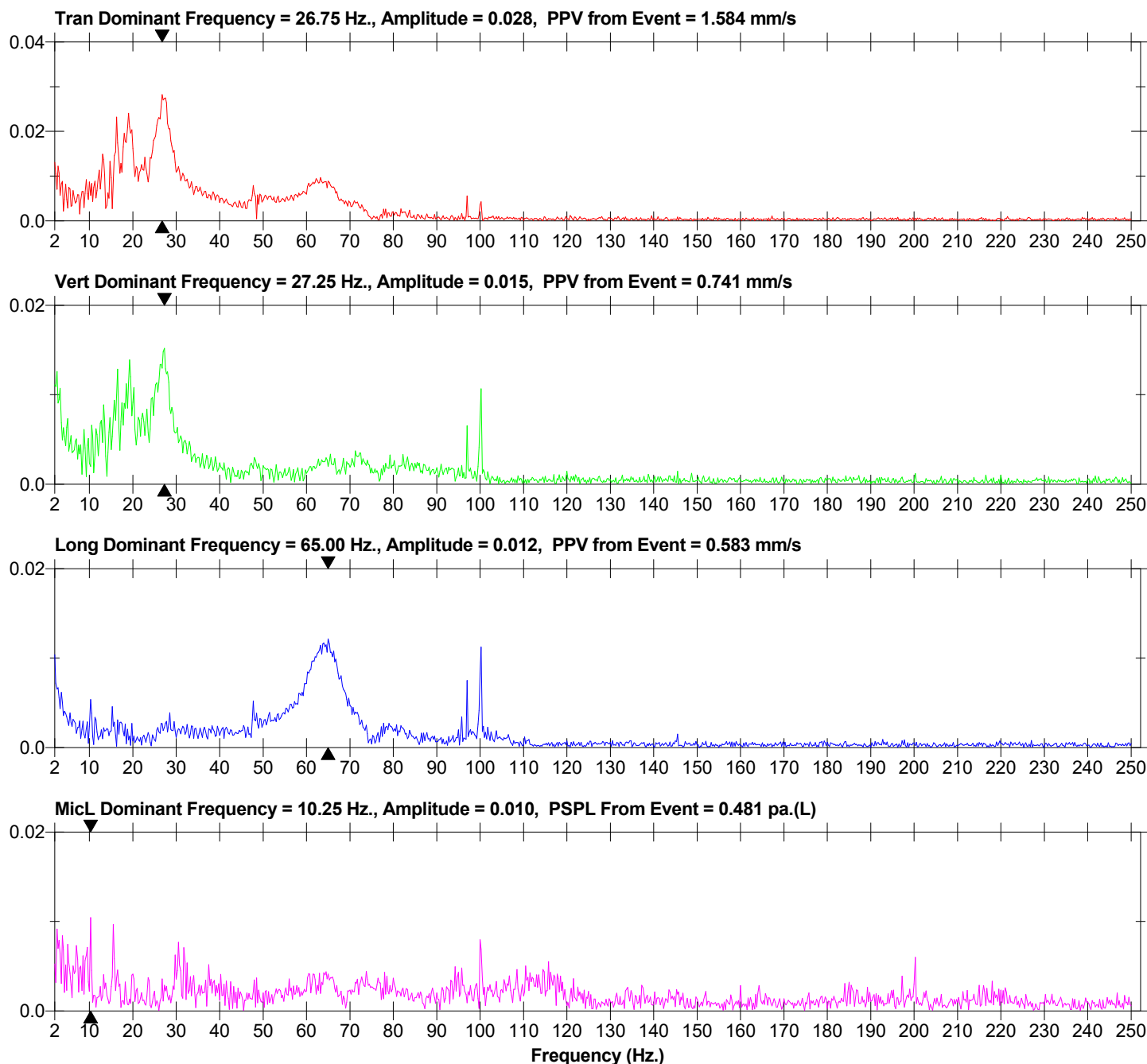
**Location:** Amalgamated Prism Cement & Bandarkha LS  
**Client:**  
**User Name:** PRISM JOHNSON LIMITED SATNA  
**General:**

## Extended Notes

Amalgamated Prism Cement & Bandarkha Limestone Mine

## Post Event Notes

MNK/6 Bench High Mgo,  
 No of holes 21 nos, Avg. Depth - 7.75 Mtrs.  
 Charge/delay -38.10 Kgs., Obsevation Distance - 250 m





**Date/Time** Tran at 01:48:56 August 8, 2024  
**Trigger Source** Geo: 0.500 mm/s, Mic: 2.000 pa.(L)  
**Range** Geo: 254.0 mm/s  
**Record Time** 2.0 sec (Auto=7Sec) at 1024 sps  
**Operator/Setup:** Operator/BGM.mmb

**Serial Number** UM8131 V 10-76 Micromate ISEE  
**Battery Level** 3.8 Volts  
**Unit Calibration** January 29, 2024 by UES New Delhi  
**File Name** UM8131\_20240808014856.IDFW

## Notes

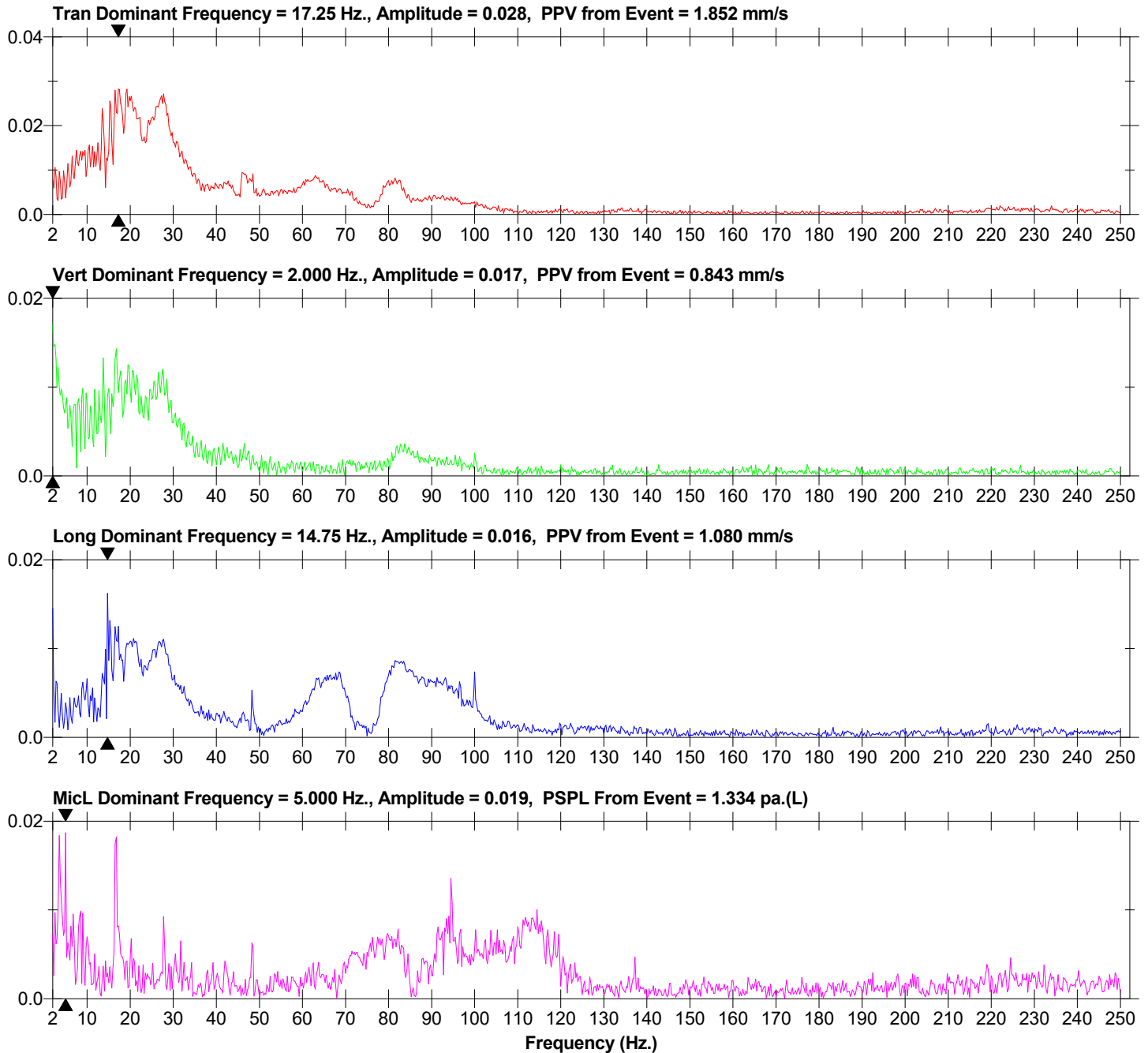
**Location:** Amalgamated Prism Cement & Bandarkha LS  
**Client:**  
**User Name:** PRISM JOHNSON LIMITED SATNA  
**General:**

## Extended Notes

Amalgamated Prism Cement & Bandarkha Limestone Mine

## Post Event Notes

MNK/1st Bench WR,North,  
 No of holes 79 nos, Depth - 5.47 Mtrs.  
 Charge/delay -24.68 Kgs, Observation Distance - 250 m



**Date/Time** Long at 13:56:45 September 21, 2024  
**Trigger Source** Geo: 0.500 mm/s, Mic: 2.000 pa.(L)  
**Range** Geo: 254.0 mm/s  
**Record Time** 4.5 sec (Auto=7Sec) at 1024 sps  
**Operator/Setup:** Operator/BGM.mmb

**Serial Number** UM8131 V 10-76 Micromate ISEE  
**Battery Level** 3.7 Volts  
**Unit Calibration** January 29, 2024 by UES New Delhi  
**File Name** UM8131\_20240921135645.IDFW

**Notes**  
 Location: Amalgamated Prism Cement & Bandarkha LS  
 Client:  
 User Name: PRISM JOHNSON LIMITED SATNA  
 General:

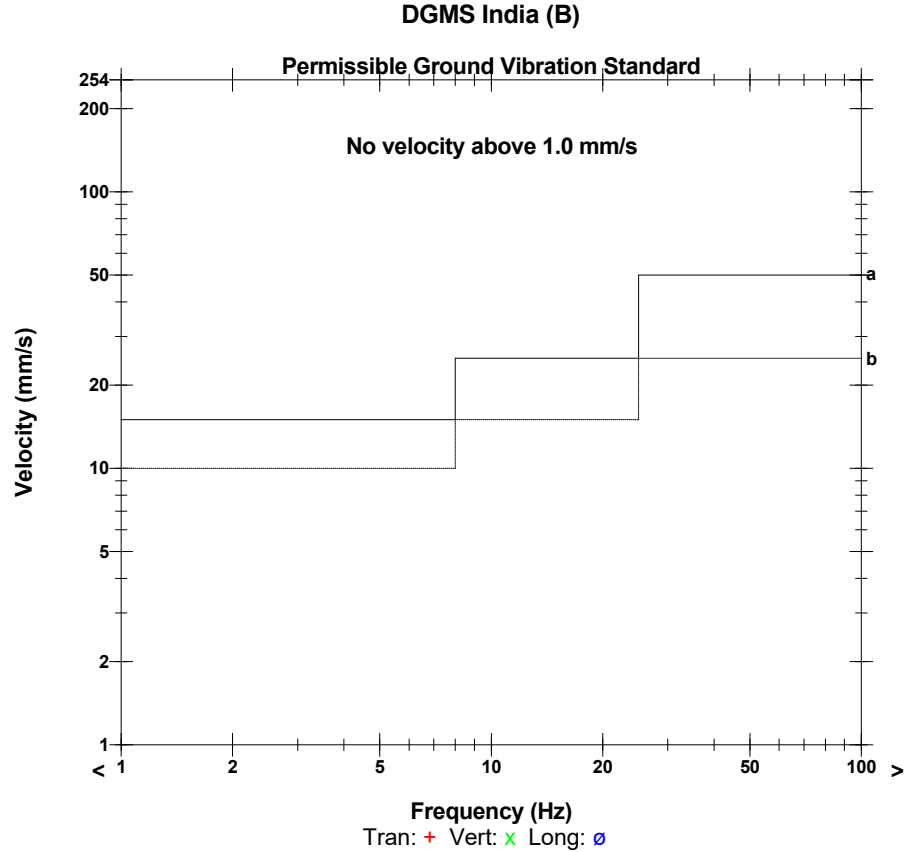
**Post Event Notes**  
 MNK/East/2nd Bench (HR),  
 No of holes 51 nos, Depth - 5.50  
 Mtrs. Charge/delay - 22.05 Kg/delay, Obsevation Distance - 280 m

**Extended Notes**  
 Amalgamated Prism Cement & Bandarkha Limestone Mine

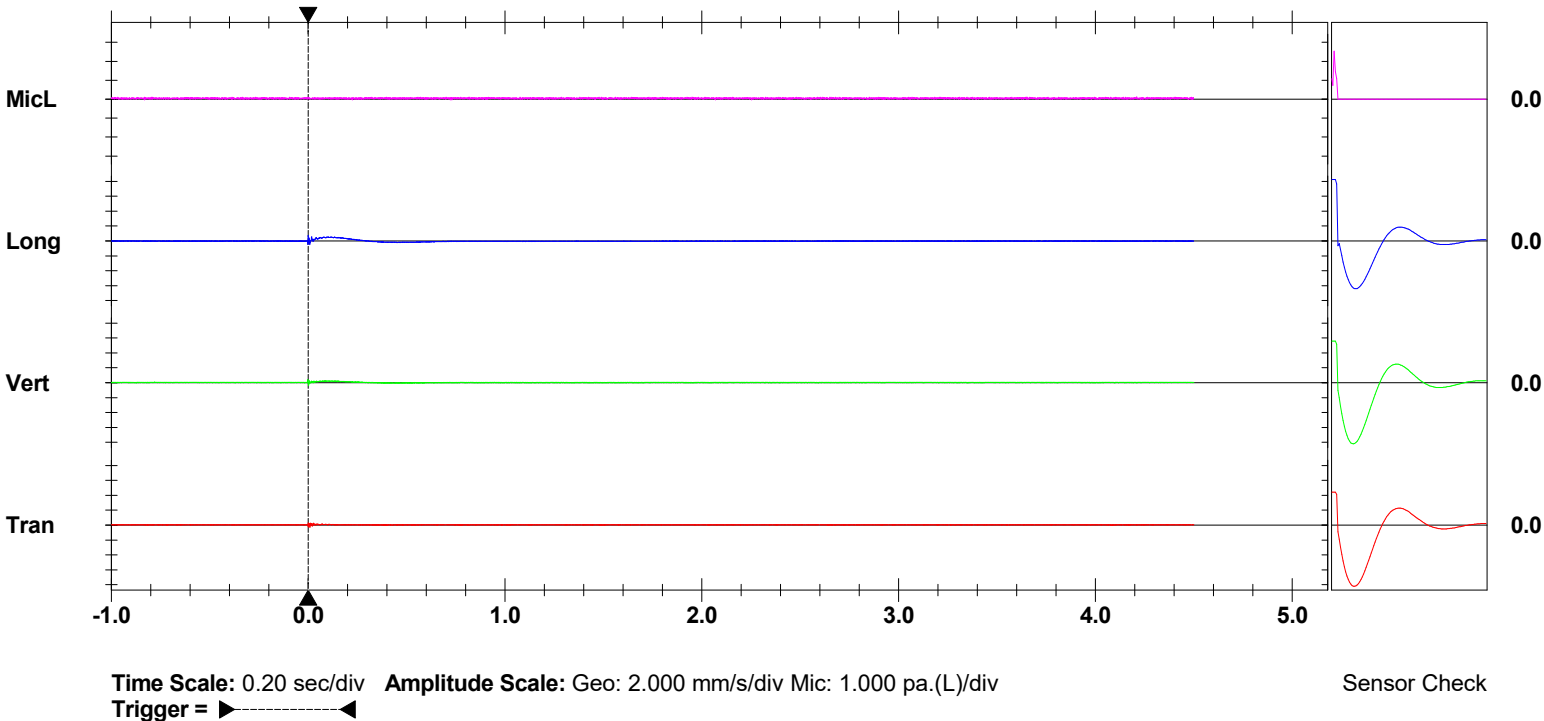
**Microphone** Linear Weighting  
**PSPL** <0.500 pa.(L)  
**ZC Freq** 30 Hz  
**Channel Test** Check (Freq = 0.0 Hz Amp = 0 mv )

	Tran	Vert	Long	
<b>PPV</b>	0.315	0.410	0.725	mm/s
<b>ZC Freq</b>	>100	85	>100	Hz
<b>Time (Rel. to Trig)</b>	0.000	-0.002	0.000	sec
<b>Peak Acceleration</b>	0.039	0.039	0.070	g
<b>Peak Displacement</b>	0.014	0.020	0.048	mm
<b>Sensor Check</b>	Passed	Passed	Check	
<b>Frequency</b>	7.3	7.7	7.1	Hz
<b>Overswing Ratio</b>	3.6	3.3	3.4	

**Peak Vector Sum** 0.793 mm/s at 0.000 sec  
 N/A: Not Applicable



a) Industrial buildings  
 b) Domestic houses/structures



# Prism Johnson Limited

## ENVIRONMENT MANAGEMENT CELL

