

दूर की सोच

Date: 29.09.2025

Ref: PJJ/ENV/2025/F15/1009

To,
The Member Secretary,
M.P. Pollution Control Board
Paryavaran Parisar
Sector E-5, Arera Colony
Bhopal (M.P.) - 462016

Sub: Submission of Environment Statement Reports (Form-V) for the FY24-25.

Dear Sir,

With reference to the above mentioned subject, we are herewith submitting the Environmental Statement Reports of our Limestone mines (772.067 Ha - Hinauti-Sijahata Limestone Mines, 253.326 Ha - Hinauti-Sijahata Limestone Mines, 99.416 Ha - Hinauti-Sijahata Limestone Mines, 512.317 Ha - Baghai Limestone Mines, 117.59 Ha - Medhi Limestone Mines, 66.43 Ha - Mankahari Limestone Mines, 40 Ha - Badarkha Limestone Mines & 176.619 Chulhi Majhiyar Limestone Mines) for the FY24-25.

Thanking You

Yours faithfully,
For Prism Johnson Limited



Manoj Kumar
Vice President

Encl: As Above

CC: The Regional Director - MoEF&CC, Bhopal (M.P.)
The Regional Officer – MPPCB, Satna (M.P.)

PRISM JOHNSON LIMITED
(Cement Division)

Works: Village Mankahari, P.O.-Bathia, Dist. Satna - 485 111 (M.P.) India T: +91-07672-275301 / 302600
Corres. Add.: 'Rajdeep', Rewa Road, Satna - 485 001 (M.P.) India. T: +91-07672-402726
Registered Office: Prism Johnson Limited, 305, Laxmi Niwas Apartments, Ameerpet, Hyderabad - 500 016, India.
w: www.prismjohnson.in, www.cement.prismjohnson.in, E: info@prismjohnson.in

CIN: L26942TG1992PLC014033

FORM-V

(See Rule – 14)

Environment Statement for the financial year ending the 31st March 2025

PART – A

- i) Name & Address of the owner /occupier : **Manish Singh** (President & Plant-Head)
of the industry, operation or process **PRISM JOHNSON LIMITED**
(LIMESTONE MINES – 40.236 Ha)
VILLAGE – BADARKHA
POST – BATHIA
DISTT – SATNA (M.P.)
- ii) Industry category Primary (STC) Code : Limestone Mine (Large Scale)
Secondary (SIC) Code
- iii) Production Capacity (Units) : 0.24 MTPA Limestone
- iv) Year of Establishment : 2017
- v) Date of the last Environment Statement : 27.09.2024
Submitted

PART – B

Water and Raw Material Consumption

(I) Water Consumption m³/d

- Process* : 28 KL/Day
- Cooling : ---
- Domestic : 1.6 KL/Day

* Water used for process is taken as spraying in haulage roads for dust suppression, plantation irrigation and used for wet drilling process.

Name of Product	Process water consumption per unit of product output	
	During FY (01.04.23 – 31.03.24)	During FY (01.04.24 – 31.03.25)
1- Limestone	43.71 Lit / Ton of LS	40.31 Lit / Ton of LS

(II) Raw Material Consumption

Name of Raw Materials	Name of Products	Consumption of raw material per unit of output	
		During FY (01.04.23 – 31.03.24)	During FY (01.04.24 – 31.03.25)
1. High Speed Diesel	Limestone	0.75 Lit / Ton of Limestone	0.72 Lit / Ton of Limestone
2. Slurry Explosives	Limestone	0.162 Kg / Ton of Limestone	0.266 Kg / Ton of Limestone

PART – C**Pollution discharged to environment/ unit of output****(Parameter as specified in consent issued)**

Pollutants	Quantity of Pollutants discharged (mass/day)	Concentration of pollutants in discharges (mass/volume)	Percentage of variation from prescribes standards with reason
(a) Water #	Water quality report is enclosed in Annexure A		
(b) Air *	Report of ambient air quality report is enclosed in Annexure B		

PART – D**Hazardous Wastes**

(As specified under Hazardous Wastes (Management & Handling) Rules, 1989 and Amendment 2008)(As specified under Hazardous Wastes (Management & Handling) Rules, 1989 and Amendment 2008 & Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016)

Hazardous Wastes	Total Quantity (KL)	
	During FY (01.04.23 – 31.03.24)	During FY (01.04.24 – 31.03.25)
(a) From Process	0	2.6 MT
(b) From Pollution Control Facilities	---	---

PART – E**Solid Wastes**

Solid Waste	Total Quantity (Kg)	
	During FY (01.04.23 – 31.03.24)	During FY (01.04.24 – 31.03.25)
(a) From Process	12066 MT	6725 MT
(b) From Pollution Control Facilities	NIL	NIL
(c) 1) Quantity Recycles or Re utilized within the unit	12066 MT	6725 MT

2) Sold	NIL	NIL
3) Disposed	*	*

- * OB Soil was dumped for reclamation of mines in future as well as partially utilised for reclamation over back filled area, however hard rock is simultaneously used for back filling of mined out area.

PART – F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

- In mines, waste lube oil, generated from the gear boxes of machineries, is the only hazardous waste. This used oil if generated is sold to authorized recycler registered with CPCB as Recycler / Re-processor.
- The excavated stone may also consist OB with CaO < 34% and/or MgO > 5.00 %, which is undesirable. Hence it is treated as waste and handled separately. This will be dumped on the non-mineralized areas. This mineral is proposed to be utilized for back filling after the entire depth of limestone is fully excavated.

PART - G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

- From mines presently there is no discharge of effluent to nearby stream except rainy water. For preventing dust emission from roads proper sprinkling of water through tankers on road is done. Drilling machines are having water injection system. Generally, lime stone containing 42.5 % CaO is utilized for clinkerization, but lime stone containing CaO ranges from 34% to 42.55% is also utilized by blending with lime stone of hire CaO content in such a way so that blended lime stone reaches required CaO content. These efforts help for conservation of natural resource. During financial year ending 31st March 2025 all above mentioned efforts of mineral (Natural Resource) conservation were adopted properly.
- Rainwater stored in this reservoir helps in groundwater recharging of the nearby area and promotes water conservation practices. This practice also reduces groundwater extraction.
- To conserve natural resources, we had desilted 145 m waterways channel at Bamahuri, constructed a single-bore shaft water harvesting structures at Magardaha river, Selhana Baijanaha and constructed a single-bore shaft water harvesting structures at Magardaha river at Padkhuri.
- In the field of water conservation, constructed 50 perforated drum based water harvesting structures at Bairiha village, 50 perforated drum based water harvesting structures at Tapa village, 50 perforated drum-based water harvesting structures at Bamhauri & Bathiya in this fiscal year.

PART - H

Additional Measures/ investment proposal for environment protection including abatement of pollution, prevention of pollution.

- Prism Johnson has set a long-term ambition to create a robust and resilient business model that not only generates economic value but also contributes to the safeguarding of the environment. In this regard, several additional measures and investments have been implemented to strengthen environmental protection, abatement of pollution, and prevention of pollution across the mining and cement operations.
- For the control of air pollution, Wet drilling arrangements have been introduced at all drilling sites, which significantly reduce fugitive dust emissions generated during drilling activities. Haul roads within the mines are one of the primary sources of dust due to vehicular movement so that permanent water sprinkling systems have been installed along haulage routes, and on the other hand, truck-mounted water tankers operate continuously to effective dust suppression. In addition to this, controlled blasting practices are followed to minimize noise, vibration, and dust dispersion.
- For water management. Along with monitoring, active water conservation and recharge measures have been implemented. Garland drain & siltation pond is constructed in mines area. Photographs attached in **Annexure I**. These initiatives not only reduce dependency on external water sources but also contribute to long-term groundwater sustainability.
- Mine environment rehabilitation is another important area where significant investments have been made. Large-scale plantation programs are carried out every year. During financial year 2024–25, total 835 saplings planted and total 10910 plantation done in Badarkha mines. Photographs of plantation attached in **Annexure II**.
- Mines Environment and Mineral Conservation Week was celebrated annually, in December 2024, during which various programs such as poster making, poem writing, and awareness campaigns are organized to promote safe environmental practices. Expert panels are also invited to share knowledge and experience on topics like controlled blasting, dump management, water sprinkling, and plantation. Badarkha Limestone Mines Secured 2nd Place in Overall Category. Photograph of award enclosed in **Annexure III**.
- Over the years, the company has celebrated milestones in plantation drives, including the planting of the millionth sapling, which was carried out with the involvement of dignitaries, local communities, and government authorities. Plantations are not restricted only to the mining lease areas but also extended to government and forest lands, roadside avenues, and village common lands with the distribution of fruit-bearing plants to local farmers. These plantations serve the dual purpose of ecological restoration and community benefit.
- Beyond the mine lease, Prism Johnson has undertaken extensive Corporate Social Responsibility (CSR) initiatives focusing on water conservation, health, education, livelihood, rural infrastructure, sanitation, and cultural development. Water harvesting programs in surrounding villages have resulted in the installation of more than 1,000 rooftop rainwater harvesting structures. Eighteen ponds have been deepened so far artificial recharge structures such as double bore and single bore systems have been constructed at the center of these ponds to enhance percolation. Three new ponds were constructed in nearby villages in taking the total to four, while twenty-eight abandoned dug wells have been identified and

converted into rainwater harvesting structures. Together, these interventions ensure better water availability for agriculture and household use in nearby communities.

- Healthcare support has been institutionalized through the establishment of a fully equipped medical center that provides free treatment to villagers round the clock. Ambulance services are also available free of cost to ensure timely access to health facilities. The company regularly organizes mega health camps, cataract surgery sponsorships, and mobile health van services, while also supporting malnutrition eradication programs under Integrated Child Development Schemes. Assistance to handicapped persons, distribution of tricycles, and provision of other support materials form part of social welfare measures.
- Education and skill development are also central to the CSR framework. Several government schools in surrounding villages have been renovated, with provision of modern seating arrangements, smart class setups, and solar power backups. A total of 20 smart classes had been donated, benefiting hundreds of students. Parallely, various skill development programs are conducted for villagers, including driving training, beautician courses for women, sustainable farming techniques, embroidery and stitching, bag and agarbatti making, candle and cotton wick production, achar and papad making, and computer training. These programs have improved livelihood opportunities and empowered local communities, especially women and youth.
- Rural infrastructure development has also received attention through the construction of WBM and PCC roads, cremation sheds, bus shelters, drainage systems, playgrounds, and small bridges. The company has supported the conservation of cultural sites such as river embankments and has constructed a stadium in Mankahari village, apart from maintaining sports grounds in several other villages to promote sports and cultural activities. Sanitation is another priority, and under the ODF initiative, 236 toilets have been constructed so far in nearby villages.
- Going forward, Prism Johnson plans to further expand its environmental investments. Future proposals include the extension of solar power generation capacity by utilizing more backfilled mine areas, installation of additional CAAQMS and piezometers for improved monitoring, and expansion of rooftop rainwater harvesting structures in community institutions like schools and panchayat buildings. Biodiversity parks and eco-restoration zones are also planned in reclaimed mine areas, while the gradual introduction of electric and alternate fuel-based vehicles in mining operations is being explored to reduce diesel consumption and related emissions.
- Through this multi-pronged approach combining pollution abatement, resource conservation, renewable energy adoption, large-scale afforestation, and community-centered CSR initiatives, Prism Johnson demonstrates its strong commitment towards sustainable mining practices, environmental protection, and long-term socio-economic development of surrounding regions.

PART – I

Any other particulars for improving the quality of environment.

For improving quality of environment plantation work in large scale is in progress. In financial year ending 31st March 2025, total 10,910 plants were planted in mines area. 5200 plant saplings were distributed to the villagers of surrounding villages to promote the plantation activity. For the survival of 490 saplings planted at Mahurachh, fencing of 5,544

5,544 m2 area is done. Additionally, in FY24-25 total 835 saplings planted in this particular mining lease area.

We executed road side plantation with 65 tree guards at Baghai & Medhi village. We assured survival of 53,000 saplings at Khamhariya Forest Land and 20,000 saplings at Chulhi Jamodi Forest Land. To promote plantation among villagers, 5000 Fruit Plant Distributed to Villagers of mankahari, Malgaon, Mahurachh, Bahelia Bhat, Baghai, Narsinghpur, Hinauti, Ghunghunchihai, Sajjanpur, Bairiha, Sijahata, Bathiya, Municipal Corporation Rampur Baghelan as well as planted 200 saplings at in villages.

The above efforts would certainly help in improving the quality of environment.

For Prism Johnson Ltd.


for **Manoj Kumar**
Vice President

Annexure I

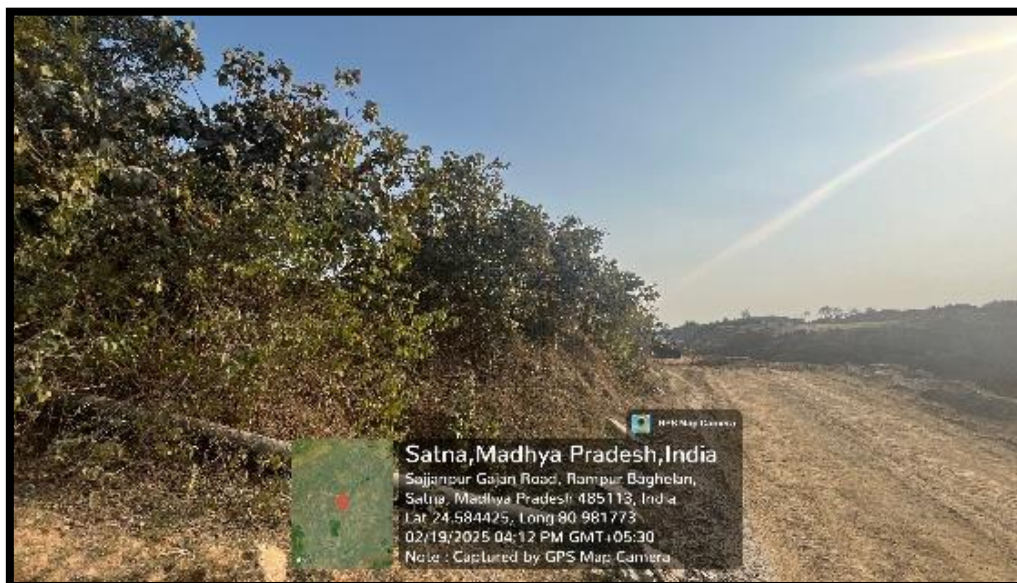


Siltation Pond



Garland Drain

Annexure II



Plantation in Badarkha Mines

Awards & Recognition



Safety Awareness and Supervision Award



Dust Suppression, Silicosis & Health Awareness Award



Welfare Amenities Award



Electrical Installation and Ore Handling Plant Award



Safety Management Plan (PCL) Award



PCL and Amalgamated Bandarkha Limestone Mines Secured 2nd Place in Overall Category



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J.M. ENVIROLAB PVT. LTD.

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

TEST REPORT

TC-6821

Sample Number: **JME/PJCL/SW/01** Report No.: **JME/SW/250317001**
 Name & Address of Unit: **M/s. Prism Johnson Limited** Format No.: **7.5 F-01**
Badarkha Lime Stone Mines. 40.236 ha,
Village - Badarkha, Tehsil -Rampur Baghelan, Party Reference: **NIL**
Distt. – Satna, Madhya Pradesh
 Sample Description: **Surface Water** Reporting Date: **21/03/2025**
 Analysis Completion Date: **21/03/2025**
 Analysis Start Date: **17/03/2025**
 Receipt Date: **17/03/2025**
 Sampling Date: **15/03/2025**
 Sample Location: **Badarkha Mines 40.236 Ha - Pit Water** Preservation: **Refrigerated**
 Client Representative (Name & Designation): **Mr. Sumitabh Dwivedi** Sampling Type: **Grab**
(Assistant General Manager- Environment) Sample Quantity: **2.0 litre**
 Sample collected by **JMEPL Team** Packing Status: **Temporary Sealed**
 Latitude : ----- Parameter Required: **As per work order**
 Longitude : -----
 Protocol Used : **IS:3025 & APHA 23rd Edition 2017**

TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.80
2.	Colour	IS:3025 (Part-4)	Hazen	BDL (DL 1.0)
3.	Turbidity	IS:3025 (Part-10)	NTU	BDL(DL 1.0)
4.	Odour	IS:3025 (Part-5)	-	Agreeable
5.	Total Hardness as CaCO ₃	IS:3025 (Part-21)	mg/l	256.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	61.75
7.	Alkalinity as CaCO ₃	IS:3025 (Part-23)	mg/l	207.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	14.59
9.	Residual Free Chlorine	IS:3025 (Part-26)	mg/l	BDL (DL 0.2)
10.	Cyanide	IS:3025 (Part-27)	mg/l	BDL (DL 0.02)
11.	Magnesium as Mg	IS:3025 (Part-46)	mg/l	24.77
12.	Total Dissolved Solids	IS:3025 (Part-16)	mg/l	394.0
13.	Sulphate as SO ₄	APHA 23rd Edition, 4500-SO ₄ -C/D/E	mg/l	109.0
14.	Fluoride as F	APHA 23rd Edition, 4500-F- D	mg/l	1.17
15.	Nitrate as NO ₃	IS:3025 (Part-34)	mg/l	0.56
16.	Iron as Fe	IS:3025 (Part-53)	mg/l	BDL(DL 0.02)
17.	Aluminium	IS:3025 (Part-55)	mg/l	BDL (DL 0.03)
18.	Boron	IS:3025 (Part-57)	mg/l	BDL (DL 0.20)
19.	Phenolic Compounds	APHA 23rd edition 5540-Phenol-C/D	mg/l	BDL (DL 0.001)
20.	Anionic Detergents as MBAS	APHA 23rd Edition, 5540-C	mg/l	BDL (DL 0.02)
21.	Hexa Chromium as Cr+6	IS:3025 (Part-52)	mg/l	BDL (DL 0.03)
22.	Zinc as Zn	IS:3025 (Part-49)	mg/l	BDL(DL 0.0005)
23.	Copper as Cu	IS:3025 (Part-42)	mg/l	BDL (DL 0.02)

Page 1 of 2

D Singh
Dharmender Singh
 Tested by

Abhishek Tiwari
Abhishek Tiwari
 Checked by

Raj Kumar Yadav
Raj Kumar Yadav
 Authorized Signatory

Note:

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

Reg. Office & Lab.

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

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
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TC-6821

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TEST REPORT

Sample Number: JME/PJCL/SW/01

Report No.: JME/SW/250317001

S. No.	Parameters	Testing Protocol	Unit	Result
24.	Manganese as Mn	IS:3025 (Part-59)	mg/l	BDL(DL 0.01)
25.	Lead as Pb	IS:3025 (Part-47)	mg/l	BDL (DL 0.008)
26.	Selenium as Se	IS:3025 (Part-56)	mg/l	BDL (DL 0.005)
27.	Arsenic as As	IS:3025 (Part-37)	mg/l	BDL (DL 0.002)
28.	Mercury as Hg	IS:3025 (Part-48)	mg/l	BDL (DL 0.001)
29.	Phosphate as Po ₄	APHA 23rd Edition, 4500-P-C/D	mg/l	BDL(DL 0.02)
30.	Total Suspended Solid	IS:3025 (Part-17)	mg/l	3.7
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	3.4
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	12.0
33.	Sodium as Na	IS:3025 (Part-45)	mg/l	40.0
34.	Potassium as K	IS:3025 (Part-45)	mg/l	3.0
35.	Conductivity	IS:3025 (Part-14)	µs/cm	608.0
36.	Nickel as Ni	IS:3025 (Part-54)	mg/l	BDL (DL 0.005)
37.	Dissolve Oxygen	IS:3025 (Part-54)	mg/l	6.5

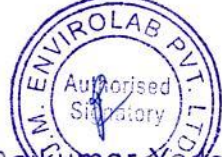
Note: BDL – Below Detection Limit, DL – Detection Limit

End of Report

Page 2 of 2


Harmander Singh
Tested by


Abhishek Tiwari
Checked by


Rakuldeep Yadav
Authorized Signatory

Note:

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TC-6821

TEST REPORT

Name & Address of Unit

M/s. Prism Johnson Limited
Badarkha Lime Stone Mines. 40.236 ha,
Village - Badarkha, Tehsil -Rampur
Baghelan, Distt. - Satna, Madhya Pradesh

Report No.
Date of Reporting
Monitoring Period
Protocol Used

JME/A/250307605
03/04/2025
March, 2025
IS-5182

Sample Description
Sampling Location
Sample Collected By

AMBIENT AIR QUALITY MONITORING
Village- Badarkha
JMEPL Team

Instrument Used for Sampling

RDS & FPS

Client Representative

Mr. Sumitabh Dwivedi
(Assistant General Manager- Environment)

Latitude

Longitude

TEST RESULTS

Date	Parameter				
	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO ₂ (µg/m ³)	SO ₂ (µg/m ³)	CO (mg/m ³)
NAAQS	60	100	80	80	4
04/03/2025 to 05/03/2025	31.87	63.91	20.08	10.36	0.65
07/03/2025 to 08/03/2025	34.03	65.79	20.80	11.89	0.67
11/03/2025 to 12/03/2025	25.99	44.74	16.20	7.93	0.53
14/03/2025 to 15/03/2025	30.83	54.49	19.18	9.82	0.64
18/03/2025 to 19/03/2025	23.36	39.14	14.16	7.23	0.51
21/03/2025 to 22/03/2025	21.18	37.08	12.46	6.62	BDL (DL 0.5)
25/03/2025 to 26/03/2025	26.10	45.17	17.10	8.65	0.55
27/03/2025 to 28/03/2025	37.18	71.80	21.63	12.92	0.70
Minimum	21.18	37.08	12.46	6.62	0.51
Maximum	37.18	71.80	21.63	12.92	0.70
Average	28.82	52.77	17.70	9.43	0.61

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

Abbreviations:

NAAQS : National Ambient Air Quality Standard
PM_{2.5} : Fine Particulate Matter
PM₁₀ : Respirable Suspended Particulate Matter
NO₂ : Nitrogen Dioxide
SO₂ : Sulphur Dioxide
CO : Carbon Monoxide (One Hour)

End of Report

Ritika Saini
Tested by

Abhishek Tiwari
Checked by

Sita Ram Yadav
Authorized Signatory

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TC-6821

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TEST REPORT

Name & Address of Unit	M/s. Prism Johnson Limited Badarkha Lime Stone Mines. 40.236 ha, Village - Badarkha, Tehsil -Rampur Baghelan, Distt. - Satna, Madhya Pradesh	Report No.	JME/A/250307606
Sample Description	AMBIENT AIR QUALITY MONITORING	Date of Reporting	03/04/2025
Sampling Location	Village- Hinauta	Monitoring Period	March, 2025
Sample Collected By	JMELPL Team	Protocol Used	IS-5182
Client Representative	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Instrument Used for Sampling	RDS & FPS
		Latitude	---
		Longitude	---

TEST RESULTS

Date	Parameter				
	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	NO ₂ ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
NAAQS	60	100	80	80	4
04/03/2025 to 05/03/2025	32.77	57.43	20.11	11.15	0.61
07/03/2025 to 08/03/2025	36.74	64.51	21.78	12.71	0.71
11/03/2025 to 12/03/2025	27.50	50.19	17.03	8.82	0.58
14/03/2025 to 15/03/2025	31.57	55.70	19.08	10.80	0.64
18/03/2025 to 19/03/2025	25.61	45.03	14.70	8.20	0.55
21/03/2025 to 22/03/2025	22.37	42.66	13.93	7.82	0.53
25/03/2025 to 26/03/2025	29.94	52.98	17.97	9.83	0.57
27/03/2025 to 28/03/2025	33.80	59.66	20.67	11.87	0.69
Minimum	22.37	42.66	13.93	7.82	0.53
Maximum	36.74	64.51	21.78	12.71	0.71
Average	30.04	53.52	18.16	10.15	0.61

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

Abbreviations:

NAAQS : National Ambient Air Quality Standard
PM_{2.5} : Fine Particulate Matter
PM₁₀ : Respirable Suspended Particulate Matter
NO₂ : Nitrogen Dioxide
SO₂ : Sulphur Dioxide
CO : Carbon Monoxide (One Hour)

End of Report

Ritika Saini
 Tested by

Abhishek Tiwari
 Checked by

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J.M. ENVIROLAB PVT. LTD.

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TC-6821

TEST REPORT

Name & Address of Unit	M/s. Prism Johnson Limited Badarkha Lime Stone Mines. 40.236 ha, Village - Badarkha, Tehsil -Rampur Baghelan, Distt. - Satna, Madhya Pradesh	Report No. Date of Reporting Monitoring Period Protocol Used	JME/A/250307607 03/04/2025 March, 2025 IS-5182
Sample Description	AMBIENT AIR QUALITY MONITORING	Instrument Used for Sampling	RDS & FPS
Sampling Location	Village- Chulhi	Latitude	---
Sample Collected By	JMELPL Team	Longitude	---
Client Representative	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)		

TEST RESULTS

Date	Parameter				
	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO ₂ (µg/m ³)	SO ₂ (µg/m ³)	CO (mg/m ³)
NAAQS	60	100	80	80	4
04/03/2025 to 05/03/2025	24.86	50.21	17.37	9.83	0.51
07/03/2025 to 08/03/2025	30.01	56.02	18.72	11.11	0.57
11/03/2025 to 12/03/2025	20.10	41.75	14.15	7.70	BDL (DL 0.5)
14/03/2025 to 15/03/2025	22.81	44.68	16.60	8.99	0.50
18/03/2025 to 19/03/2025	18.52	38.77	13.10	6.34	BDL (DL 0.5)
21/03/2025 to 22/03/2025	16.59	36.73	12.58	6.01	BDL (DL 0.5)
25/03/2025 to 26/03/2025	22.95	42.58	15.38	8.09	BDL (DL 0.5)
27/03/2025 to 28/03/2025	26.42	51.26	17.97	10.27	0.54
Minimum	16.59	36.73	12.58	6.01	0.50
Maximum	30.01	56.02	18.72	11.11	0.57
Average	22.78	45.25	15.73	8.54	0.53

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

Abbreviations:

NAAQS : National Ambient Air Quality Standard
PM_{2.5} : Fine Particulate Matter
PM₁₀ : Respirable Suspended Particulate Matter
NO₂ : Nitrogen Dioxide
SO₂ : Sulphur Dioxide
CO : Carbon Monoxide (One Hour)
BDL : Below Detection Limit
DL : Detection Limit

End of Report

Ritika Saini
Ritika Saini
Tested by

Abhishek Tiwari
Abhishek Tiwari
Checked by

Sita Ram Yadav
Sita Ram Yadav
Authorized Signatory

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CIN No. :U74220HR2011PTC085756



TC-6821

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

Name & Address of Unit	M/s. Prism Johnson Limited Badarkha Lime Stone Mines. 40.236 ha, Village - Badarkha, Tehsil -Rampur Baghelan, Distt. - Satna, Madhya Pradesh	Report No.	JME/A/250307608
Sample Description	AMBIENT AIR QUALITY MONITORING	Date of Reporting	03/04/2025
Sampling Location	Village- Kulhari	Monitoring Period	March, 2025
Sample Collected By	JMELPL Team	Protocol Used	IS-5182
Client Representative	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Instrument Used for Sampling	RDS & FPS
		Latitude	---
		Longitude	---

TEST RESULTS

Date	Parameter				
	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	NO ₂ ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
NAAQS	60	100	80	80	4
04/03/2025 to 05/03/2025	24.66	49.90	17.28	9.40	0.54
07/03/2025 to 08/03/2025	25.72	53.37	17.97	9.38	0.57
11/03/2025 to 12/03/2025	19.36	36.87	12.78	6.63	0.52
14/03/2025 to 15/03/2025	22.81	45.84	15.96	7.89	BDL (DL 0.5)
18/03/2025 to 19/03/2025	18.60	31.93	11.33	6.24	BDL (DL 0.5)
21/03/2025 to 22/03/2025	15.73	30.25	10.74	5.30	BDL (DL 0.5)
25/03/2025 to 26/03/2025	20.77	38.77	13.49	7.02	0.50
27/03/2025 to 28/03/2025	28.23	55.09	19.13	10.36	0.59
Minimum	15.73	30.25	10.74	5.30	0.50
Maximum	28.23	55.09	19.13	10.36	0.59
Average	21.98	42.75	14.84	7.78	0.54

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

NAAQS : National Ambient Air Quality Standard
PM_{2.5} : Fine Particulate Matter
PM₁₀ : Respirable Suspended Particulate Matter
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