

Through – Parivesh Portal

Ref: -PIL/MIN/PCL/2025/24299

November 28, 2025
 दूर की सेवा

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

Subject: Submission of Six Monthly Compliance report for Environment Clearance – Prism Cement Limestone Mines (66.434 ha), M/s Prism Johnson Ltd. In Village -Mankahri, Tehsil Rampur Baghelan, Dist. Satna (M.P.)

Reference: Environmental Clearance Letter No. J-1 1015/8/2000-IA. II (M), dated 14th Feb 2001.

Dear Sir,

With reference to the above subject and the Environmental Clearance granted vide your letter no. J-11015/8/2000-IA. II (M), dated 14th February 2001, we are pleased to submit the six monthly compliance report for the period April 2025 to September 2025 for the limestone deposit at Village Mankahari, Tehsil' Rampur Baghelan, District Satna, Madhya Pradesh.

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

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

Thank you.

Yours sincerely,
 For Prism Johnson Limited


 Chandra Shekhar Pandit

Sr. General Manager - Mines & Project Proponent

Enclosures: As above

Cc: The Director, MOEF & CC, Delhi
 The Member Secretary- MPPCB, Bhopal
 The Regional Director -CPCB, Bhopal
 The Regional Director -CGWB, Bhopal
 The Regional Officer - MPPCB, Satna

PRISM JOHNSON LIMITED

(Cement Division - Unit II)

Works: Village Mankahari, P.O.-Bathia, Dist. Satna - 485 111 (M.P) India T: +91-07672-275301 / 302600

Corres. Add.: 'Rajdeep', Rewa Road, Satna - 485 001 (M.P) India. T: +91-07672-402726

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

CIN: L26942TG1992PLC014033



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

Of

**Additional Limestone Deposit over 66.434
Hect. area**

at

In village Mankahari, Tehsil Rampur Baghelan, dist. Satna (M.P.)

By



M/s Prism Cement Ltd.

EC letter no. J - 11015 / 8 / 2000 - IA II (M) Dated 14.2.2001

Point wise compliance stipulated in Environment Clearance is given as under

EC Conditions			Compliance Status
A.	Specific Conditions:		
A.	I.	Mining should be carried out 500 m away from the Rewa – Satna railway track.	No mining activities are carried out within 500 m of Rewa – Satna Railway track. Authenticated map showing distance is enclosed as Annexure 1
	II.	The topsoil should be stacked properly with adequate measures at earmarked site. It should be used for reclamation and rehabilitation of mined out area.	Topsoil is being used for reclamation and rehabilitation of the mined-out area. No outside stacking is being done.
	III.	OB dumps should be stacked at earmarked dump site(s) only on temporary basis. Concurrent back – filling and reclamation should be carried out from the 3 rd year of operations.	Overburden (OB) generated during mining operations is being temporarily stacked at the earmarked dump site as shown in the approved mining plan. Proper stabilization measures such as gully drains, retaining walls, and plantation have been implemented around the dump to prevent erosion and runoff. Concurrent backfilling and reclamation activities have been initiated as per the Progressive Mine Closure Plan (PMCP) starting from the 3rd year of mining operations. The reclaimed areas are being progressively levelled and topsoil is being spread to facilitate plantation and ecological restoration.
	IV.	A green belt of adequate width by planting the native plant species all around the ML area, roads, OB dump sites etc. should be raised in consultation with local DFO / Agriculture Department.	A greenbelt of adequate width (7.5 m) is being developed around the project area as per the approved environmental management plan. Year-wise details of plantation activities carried out so far are provided in Annexure 2A . A rose garden (0.08 hac.) has been developed within the residential colony, details of which are enclosed as Annexure 2B . Additionally, a nursery (1.30 hac.) has been established for raising various types of saplings to support ongoing and future plantation activities. Photographs are enclosed as Annexure 2C .
	V.	Drill should be operated with dust extractors or only wet drilling should be adopted.	A drill machine (Model: IBH 10, Make: Atlas Copco) is currently in operation at the site. The machine is equipped with a water sprinkler system, which effectively suppresses dust generated during drilling activities, thereby preventing its dispersion into the atmosphere. Photographs of the water sprinkler system installed on the drilling machine are enclosed as Annexure 3
	VI.	Controlled blasting should be carried out.	Controlled blasting is being practiced.
	VII.	Check dam and siltation ponds of appropriate size should be	To prevent the flow of silt and sediment from the Overburden (OB) and mineral dumps, siltation ponds of

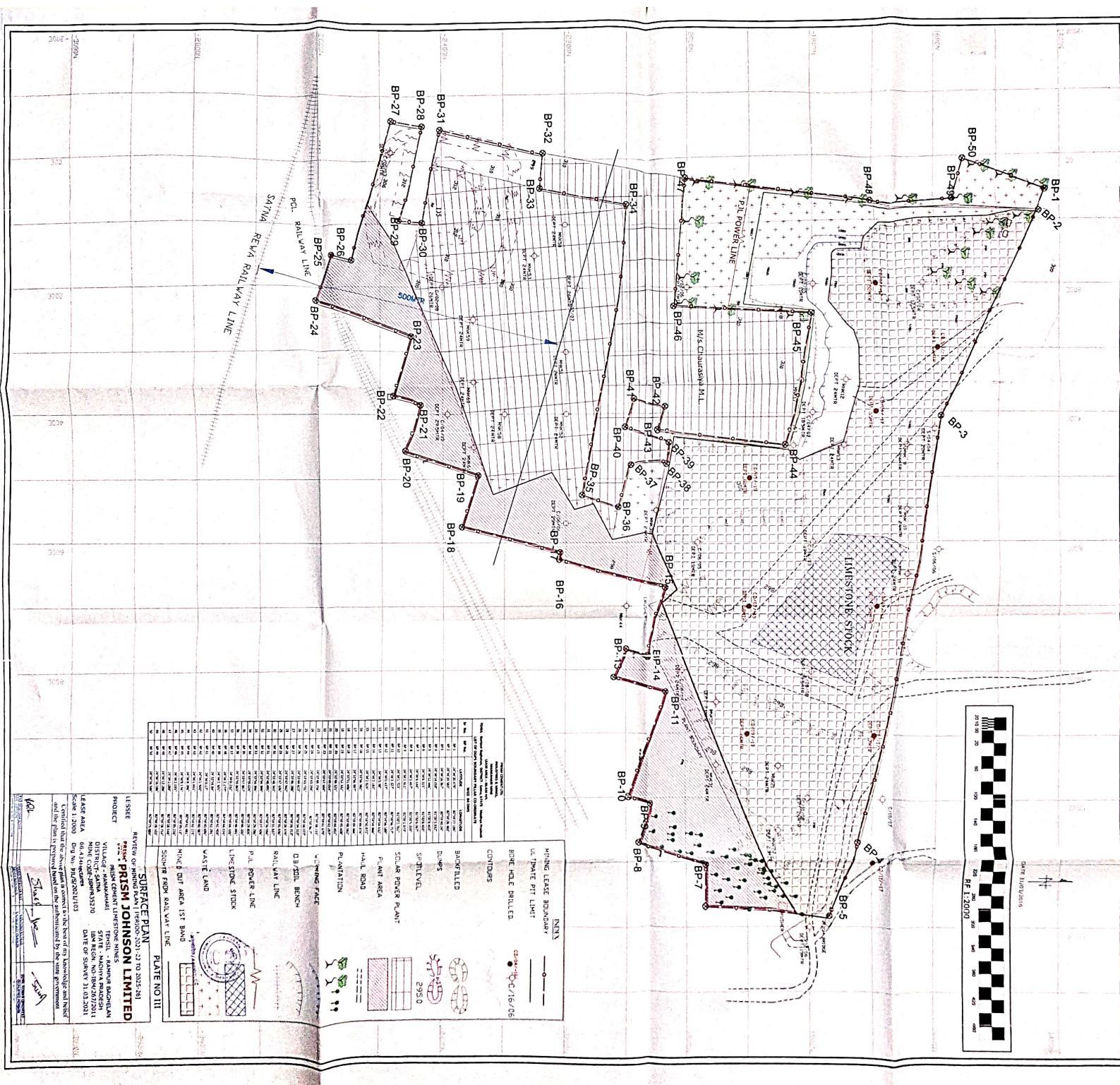
		constructed to arrest silt and sediments flow from OB and mineral dumps. The water so collected should be utilized for watering mine area, roads, greenbelt, etc. The drains should be regularly desilted and maintained properly.	appropriate capacity has been constructed at strategic locations within the lease area. These structures effectively trap suspended solids and prevent sediment-laden runoff from entering natural drainage systems. The water accumulated in these siltation ponds is being reused for dust suppression, road watering, plantation, and other mine-related purposes, thereby promoting water conservation and reducing fresh water demand. Regular desilting and maintenance of drains, and siltation ponds are carried out, especially before and after the monsoon season, to ensure their proper functioning. Photographs of siltation pond & Garland are enclosed as Annexure 4 .
	(VIII)	Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells and constructing new piezometers. Monitoring should be done four times a year- pre-monsoon April / May, Monsoon (August), Post-monsoon (November) and winter (January). Data thus collected should be sent at regular intervals to MoEF.	Regular groundwater level and quality monitoring is being carried out through piezometers installed in and around the mining lease area. Monitoring is conducted as per the prescribed frequency and parameters. All monitoring results are compiled and submitted periodically to the MoEF&CC, SPCB, and other concerned regulatory authorities, as required. Photographs of piezometer and Groundwater level monitoring data are enclosed as Annexure-5A, and groundwater quality monitoring results are enclosed as Annexure 5B .
	IX	Crusher should be installed and operated with adequate capacity de-dusting arrangement	Crusher has been installed with adequate capacity of de-dusting arrangement like bag filters. Continuous water sprinkling arrangement at the crusher hopper has also been provided to suppress the dust generated during unloading of the mineral in the crusher hopper. Attached as Annexure 6 .
	X.	A detailed mine decommissioning plan should be submitted to MoEF 5 year in advance for approval	Will be submitted.

Conditions		Compliance Status
B.	General conditions	
I.	No change on mining technology and scope of working should be made without prior approval of the Ministry of Environment and Forests.	There is no change in mining technology or scope of work from that mentioned in the approved Mining Plan and the Environmental Clearance (EC). Any future modification, if proposed, will be undertaken only after obtaining prior approval from the Ministry of Environment, Forest and Climate Change (MoEF&CC).
	No change in the calendar plan including excavation, quantum of limestone, waste / OB dumps should be made.	There is no change in the approved calendar plan, including excavation, quantum of limestone, and management of waste/OB dumps. All mining operations are being carried out strictly as per the approved Mining Plan and the Environmental Clearance (EC) conditions.
	Four ambient air quality	Four Ambient air quality (AAQ) monitoring stations

		<p>monitoring stations should be established in the core zone as well as buffer zone for SPM, RPM, SO₂, NO_x and CO monitoring. Location of the ambient air quality stations should be decided based on the meteorological data, topographical features and environmentally sensitive targets in consultation with the State Pollution Control Board.</p>	have been established in the core and buffer zones to monitor SPM, RPM, SO ₂ , NO _x , and CO.
	IV.	Data of ambient air quality should be regularly submitted to the Ministry including its Regional Office at Bhopal and the State Pollution Control Board / Central Pollution Control Board once in six months.	Ambient air quality monitoring data are being regularly compiled and submitted to the Ministry of Environment, Forest and Climate Change (MoEF&CC), including its Regional Office at Bhopal, as well as to the SPCB / CPCB once in six months as per the prescribed requirement. Reports of ambient air quality monitoring device is enclosed as Annexure 7
	V.	Adequate measures for control of fugitive emissions should be taken during drilling and blasting operations, loading and transportation of minerals etc.	The drill machine is operated with an in-built dust extractor, which captures dust generated during drilling operations. Water sprinkling is carried out on the blasted muck after blasting to minimize dust generation during loading. In addition, continuous water spraying is carried out on the haul roads to suppress dust during transportation. Fugitive emission report are enclosed as Annexure 8
	VI.	Adequate measures should be taken for control of noise levels below 85 dB in the work environment.	Adequate measures are being implemented to ensure that noise levels in the work environment are maintained below 85 dB. These measures include regular maintenance of machinery, use of silencers, provision of personal protective equipment (PPE) like earplugs/earmuffs, and monitoring of noise levels at various operational points. Ambient Noise level monitoring report are enclosed as Annexure 9 .
	VII.	<p>Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.</p> <p>Occupational health surveillance programme of the workers should be undertaken periodically to observe any contractions due to exposures to dust and take corrective measures, if needed.</p>	<p>Personnel working in dust-prone areas are provided with protective respiratory devices to prevent inhalation of dust. Workers are also given adequate training and information on safety and health aspects related to their work environment.</p> <p>A periodic occupational health surveillance programme is being conducted for all workers to monitor any health effects due to dust exposure, and corrective measures are taken as required to ensure worker safety and well-being.</p> <p>Training photographs are enclosed as Annexure 10 A, and occupational health surveillance report are enclosed as Annexure 10 B.</p>
	(VIII)	The funds earmarked for environmental protection measures should be kept in separate account	The funds earmarked for environmental protection measures are maintained in a separate account and are not diverted for any other purpose. Year-wise

		<p>and not diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment & Forests.</p>	<p>expenditure on environmental management and protection measures is compiled and reported to the Ministry of Environment, Forest and Climate Change (MoEF&CC) as required. EMP Year-wise expenditure is enclosed as Annexure 11.</p>
	IX	<p>The Regional Office of this Ministry located at Bhopal shall monitor compliance of the stipulated environmental safeguards. The project authority should send one set of EIA / EMP Report and Mining Plan to them and extend full co-operation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring report.</p>	<p>Photocopies of Rapid EIA – EMP Report and Mining Plan have already been sent. Co-operation is being extended to the inspecting Officials.</p>
	X.	<p>The Project authority should inform to the Regional Office located at Bhopal as well as to the Ministry of Environment & Forests regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.</p>	<p>The Project Authority ensures that the Regional Office of MoEF&CC at Bhopal, as well as the Ministry of Environment, Forest and Climate Change, are informed regarding the date of financial closure, final approval of the project by the concerned authorities, and the date of commencement of land development work as required.</p>
	XI.	<p>A copy of the clearance letter will be marked to concerned Panchayat / Local NGO, if any, from whom any suggestion / representation has been received while processing the proposal.</p>	<p>Agreed. A copy of the EC is attached as Annexure 12.</p>
	XII.	<p>State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industry Centre and Collector's Office / Tehsildar's Office for 30 days.</p>	<p>Not applicable to PP</p>
	XIII.	<p>The Project authority should advertise at least in two local newspapers widely circulated around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and the copy of the clearance letter is available with the state Pollution Control Board and may also be seen at the web site of the Ministry of Environment and Forests at http://envfor.nic.in</p>	<p>The advertisement was published in two of the local newspapers viz. 'Dainik Bhaskar' and 'Naw Swadesh' which was earlier informed vide our letter no. MIN / 104 / 5820A dated 27.3.2002.</p>

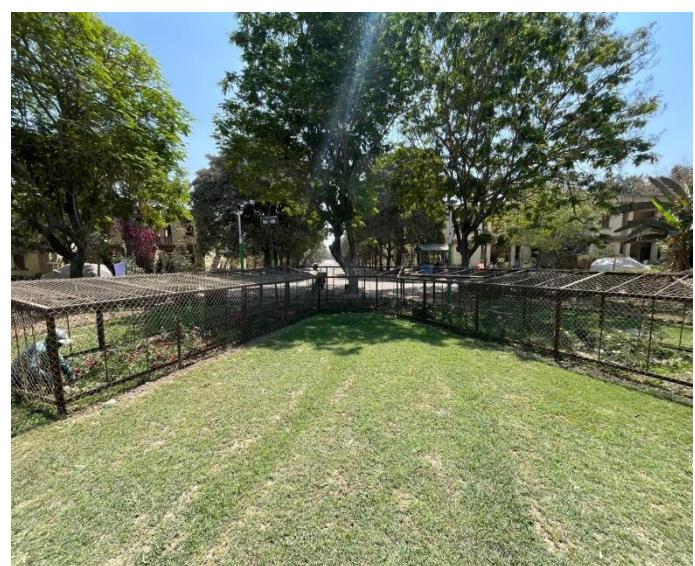
Annexure 1: Map showing distance between railway station and mine



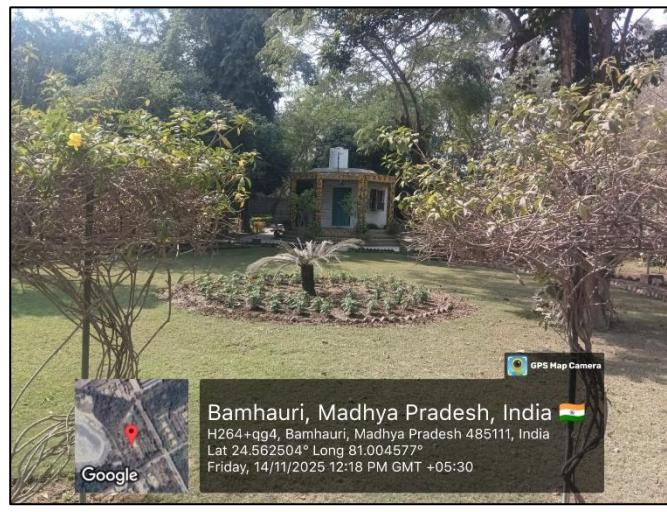
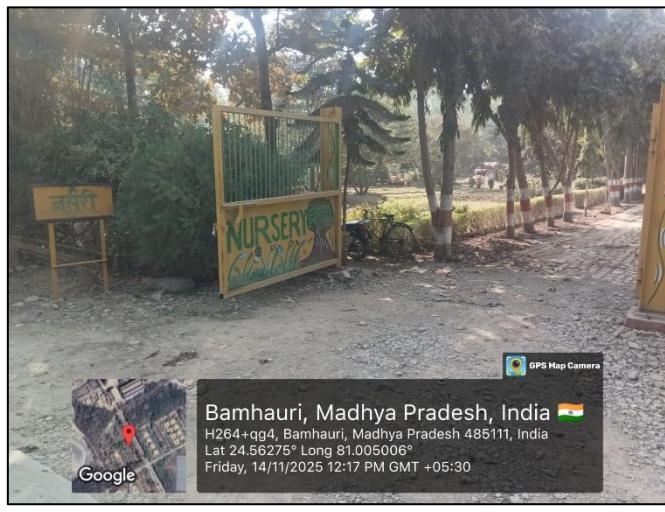
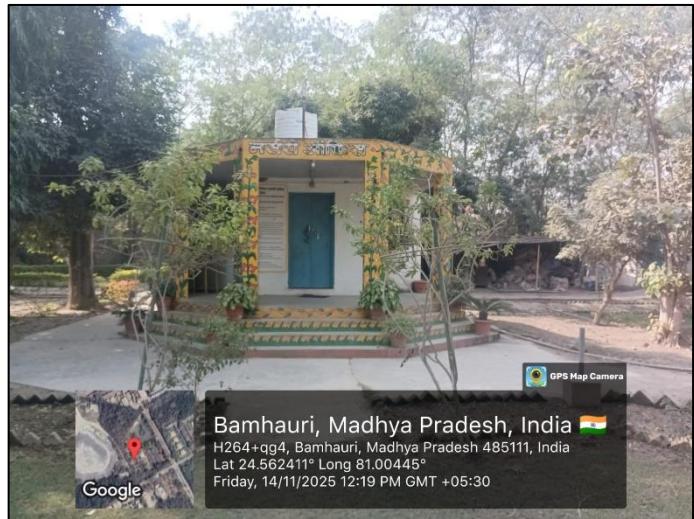
Annexure 2A

Year-wise plantation of 66.434 Ha ML			
S. No.	Year	Number of Plants planted	Greenbelt/ Colony/ CSR
1	2001-02	1132	0
2	2002-03	1937	449
3	2003-04	3522	4387
4	2004-05	982	571
5	2005-06	739	0
6	2006-07	1300	0
7	2007-08	720	600
8	2008-09	1104	4000
9	2009-10	1000	2330
10	2010-11	1640	7258
11	2011-12	1400	3698
12	2012-13	800	3100
13	2013-14	680	2740
14	2014-15	1600	2566
15	2015-16	1000	3200
16	2016-17	1000	37876
17	2017-18	1000	10000
18	2018-19	1000	15000
19	2019-20	1000	43364
20	2020-21	1000	35944
21	2021-22	500	14468
22	2022-23	888	11686
23	2023-24	500	3036
24	2024-25	1420	10081
25	2025-26	470	33076
Total		28334	249430

Annexure 2B: Photographs of Rose Garden



Annexure: 2C Photographs of Nursery



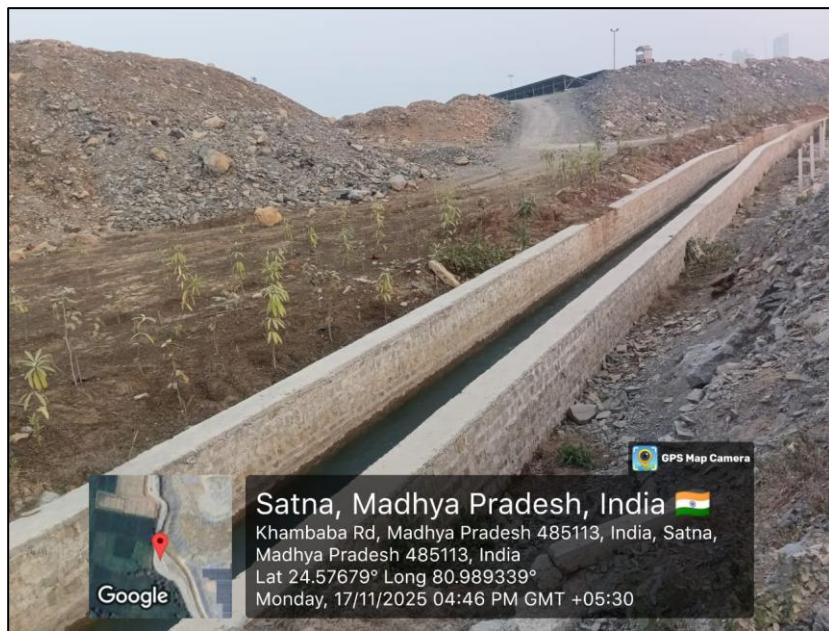
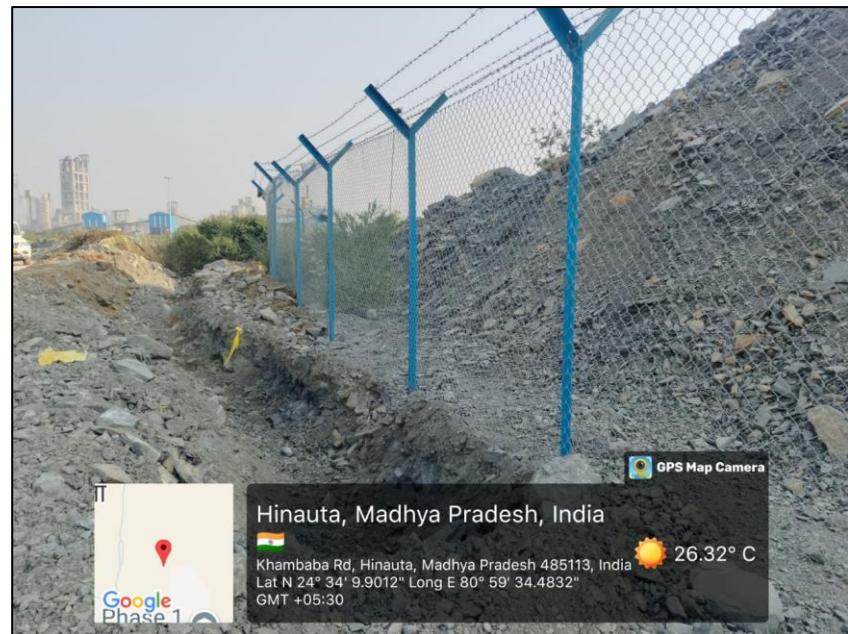
Annexure: 3 Photographs of the water sprinkler system installed on the drilling machine



Annexure 4: Photographs of siltation pond & Garland



Annexure 4: Photographs of siltation pond & Garland



Annexure 5A: Ground water level monitoring report





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TC-6821

TEST REPORT

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

Report No.: **JME/WL/250609001**
Ref. No.: **Nil**

Date of Reporting: **09/06/2025**Sample Description: **Ground Water Level Monitoring**Receipt Date: **05/06/2025**

Client Representative **Mr. Sumitabh Dwivedi**
(Name & Designation): **(Assistant General Manager- Environment)**

Sample collected by: **JMEPL Team**

GROUND WATER LEVEL (IN METERS)

S. No.	Location	Date of Monitoring	Type of Well	Water Level (m bgl)
1.	Near Colony Gate	03/06/2025	Piezo Well	18.06
2.	Front of Den	03/06/2025	Piezo Well	8.59
3.	Behind B-Block Colony	03/06/2025	Piezo Well	19.51
4.	Behind C-Block colony	03/06/2025	Piezo Well	9.86
5.	New Magazine Mines	03/06/2025	Piezo Well	15.3
6.	Ramprasan Mines	03/06/2025	Piezo Well	16.22
7.	Western Block Mines	03/06/2025	Piezo Well	9.35
8.	Medhi Mine's	03/06/2025	Piezo Well	13.38
9.	Near Auto Work Shop	03/06/2025	Piezo Well	12.65
10.	Rose Garden Near Road	03/06/2025	Piezo Well	22.81

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Checked by
Abhishek Tiwari

Reviewed & Authorized by
Krunal Yadav

Note:

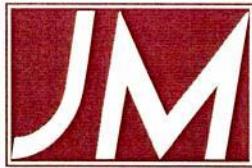
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Reg. Office & Lab.

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

Corporate Office

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



TEST REPORT

Name & Address of Unit: **M/s. Prism Johnson Limited.
(Unit- Cement Division) At Village- Mankahari,
PO- Bathia, Dist-Satna, Madhya Pradesh.** Report No.: **JME/WL/250929001-011/N**
Ref. No.: **Nil**

Sample Description: **Ground Water Level Monitoring** Date of Reporting: **03/10/2025**
Client Representative **Mr. Sumitabh Dwivedi** Receipt Date: **29/09/2025**
(Name & Designation): **(Assistant General Manager- Environment)** Sample collected by: **JMELPL Team**

GROUND WATER LEVEL (IN METERS)

S. No.	Location	Date of Monitoring	Type of Well	Water Level (m bgl)
1.	Near Colony Gate	26/09/2025	Piezo Well	4.55
2.	Front of Den	26/09/2025	Piezo Well	2.72
3.	Behind B-Block Colony	26/09/2025	Piezo Well	1.35
4.	Behind C-Block colony	26/09/2025	Piezo Well	1.34
5.	New Magazine Mines	26/09/2025	Piezo Well	14.32
6.	Ramprasan Mines	26/09/2025	Piezo Well	7.5
7.	Western Block Mines	26/09/2025	Piezo Well	6.18
8.	Medhi Mine's	26/09/2025	Piezo Well	3.4
9.	Near Auto Work Shop	26/09/2025	Piezo Well	4.36
10.	Rose Garden Near Road	26/09/2025	Piezo Well	5.93
11.	Badarkha Mines	26/09/2025	Piezo Well	6.35

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Srishti
Checked by
Srishti Mehta



Reviewed & Authorized by
Pallavi Verma

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

Corporate Office

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



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TEST REPORT

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

TEST RESULTS

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

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TEST REPORT

Sample Number: JME/PJCL/W/09

Report No.: JME/W/250616009

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

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

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TEST REPORT

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

TEST RESULTS

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

Page No. 1 of 1

Checked by
Kumari Bhumika



Reviewed & Authorized by
Vineet Kumar

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TEST REPORT

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

TEST RESULTS

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

Page No. 1 of 3

Srishti
Checked by
Srishti Mehta



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Pallavi Verma

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TEST REPORT

Sample Number: JME/PJCL/W/09

Report No.: JME/W/250923009

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

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

Page No. 2 of 3

Srishti
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Srishti Mehta



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TEST REPORT

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

TEST RESULTS

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

Page No. 3 of 3

Checked by
Vineet Kumar

Checked by
Vineet Kumar

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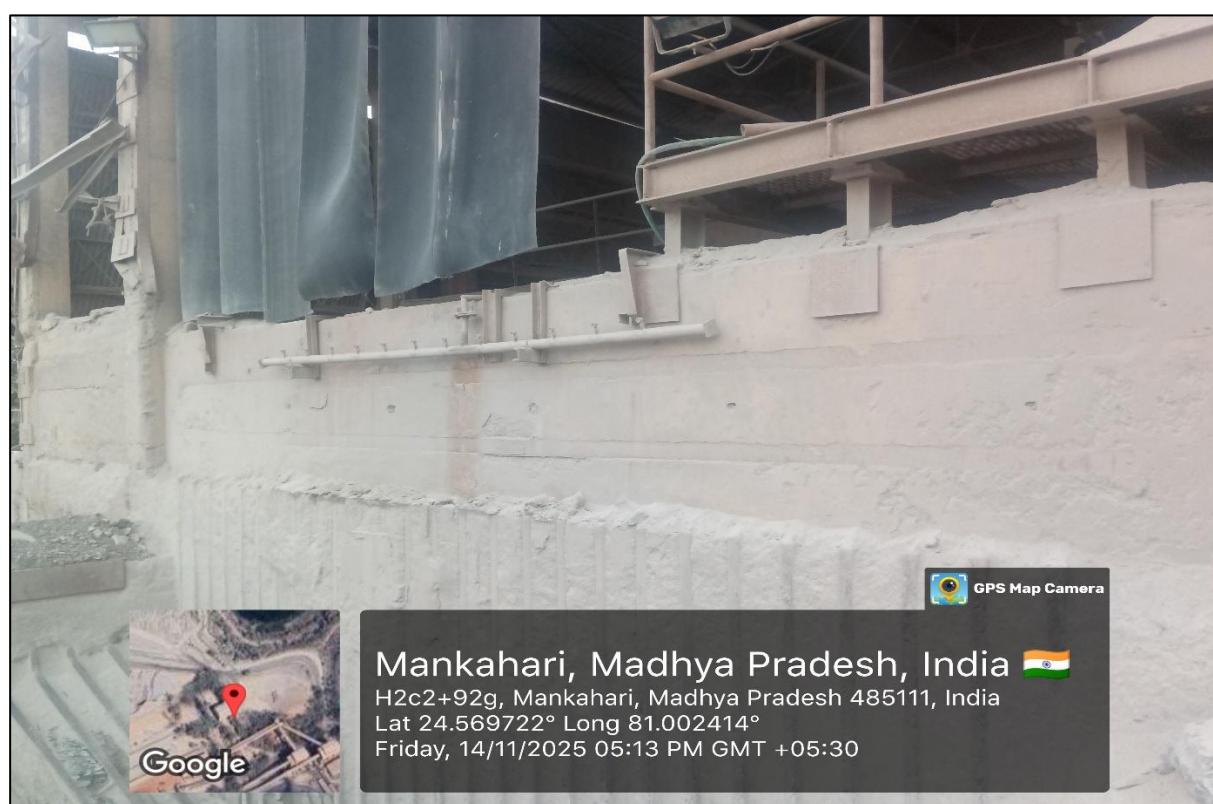
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End of Report

Annexure 6: Dedusting near crusher





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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 Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Report No.: JME/A/250407620
Sample Description:	AMBIENT AIR QUALITY MONITORING	Date of Reporting: 05/05/2025
Sampling Location:	Near Mankahari Village	Monitoring Month: April, 2025
Sample Collected by:	JMELPL Team	Protocol Used: IS-5182
Client Representative:	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	

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
02/04/2025 to 03/04/2025	24.17	48.25	13.51	7.83	0.57
04/04/2025 to 05/04/2025	29.46	55.07	17.35	8.84	0.60
08/04/2025 to 09/04/2025	33.27	62.32	21.22	10.88	0.65
11/04/2025 to 12/04/2025	31.40	60.83	20.32	9.90	0.64
15/04/2025 to 16/04/2025	22.90	45.71	11.81	6.45	0.56
18/04/2025 to 19/04/2025	27.91	52.17	16.44	8.37	0.58
22/04/2025 to 23/04/2025	30.58	57.16	17.86	9.10	0.62
25/04/2025 to 26/04/2025	38.29	67.43	24.03	12.41	0.72
28/04/2025 to 29/04/2025	34.05	63.65	22.55	11.17	0.69
29/04/2025 to 30/04/2025	36.39	66.07	23.21	11.50	0.71
Minimum	22.90	45.71	11.81	6.45	0.56
Maximum	38.29	67.43	24.03	12.41	0.72
Average	30.84	57.87	18.83	9.64	0.63

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

Deepak Singh
Checked by

Sita Ram Yadav
Authorized Signatory

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TEST REPORT

Name & Address of Unit: **M/s. Prism Johnson Limited
Limestones Mines
Area (772 ha, 99 ha, 253 ha & 66 ha)
Tehsil- Rampur Baghelan, Distt. -Satna
Madhya Pradesh** Report No.: **JME/A/250505620**

Sample Description: **AMBIENT AIR QUALITY MONITORING** Instrument Used for Sampling: **RDS & FPS**
Sampling Location: **Near Mankahari Village**
Sample Collected by: **JMELPL Team** Latitude: **24° 35' 36" N**
Client Representative: **Mr. Sumitabh Dwivedi** Longitude: **81° 1' 17" E**
(Assistant General Manager- Environment)

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
01/05/2025 to 02/05/2025	26.9	51.6	14.1	8.1	0.59
02/05/2025 to 03/05/2025	31.5	58.9	18.0	9.2	0.63
06/05/2025 to 07/05/2025	35.6	66.7	22.1	11.3	0.68
09/05/2025 to 10/05/2025	33.6	65.1	21.1	10.3	0.67
13/05/2025 to 14/05/2025	41.0	72.2	24.6	12.6	0.75
16/05/2025 to 17/05/2025	38.9	70.7	24.1	12.0	0.74
20/05/2025 to 21/05/2025	32.7	61.2	18.6	9.4	0.64
23/05/2025 to 24/05/2025	24.5	48.9	12.3	6.7	0.58
27/05/2025 to 28/05/2025	29.9	55.8	17.1	8.7	0.60
30/05/2025 to 31/05/2025	36.4	68.1	23.4	11.6	0.71
Minimum	24.5	48.9	12.3	6.7	0.58
Maximum	41.0	72.2	24.6	12.6	0.75
Average	33.10	61.92	19.55	9.99	0.66

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

Deepak Singh
Checked by

Sita Ram Yadav
Authorized Signatory

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TEST REPORT

Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Report No.:	JME/A/250606620
Sample Description:	AMBIENT AIR QUALITY MONITORING	Date of Reporting:	04/07/2025
Sampling Location:	Near Mankahari Village	Monitoring Month:	June, 2025
Sample Collected by:	JMELPL Team	Protocol Used:	JMELPL/STOP/04
Client Representative:	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Instrument Used for Sampling:	RDS & FPS
		Latitude:	24° 35' 36" N
		Longitude:	81° 1' 17" E

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)
03/06/2025 to 04/06/2025	36.6	66.5	22.7	10.9	0.69
06/06/2025 to 07/06/2025	38.5	67.8	23.1	11.9	0.70
10/06/2025 to 11/06/2025	31.6	61.2	19.9	9.7	0.63
13/06/2025 to 14/06/2025	33.5	62.7	20.7	10.6	0.64
17/06/2025 to 18/06/2025	30.8	57.5	17.5	8.8	0.61
20/06/2025 to 21/06/2025	28.6	55.4	17.0	7.6	0.59
24/06/2025 to 25/06/2025	23.0	46.0	11.5	6.3	0.55
27/06/2025 to 28/06/2025	25.3	48.5	13.2	7.6	0.56
Minimum	23.0	46.0	11.5	6.3	0.55
Maximum	38.5	67.8	23.1	11.9	0.70
Average	30.98	58.19	18.20	9.17	0.62
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2)	IS 5182 (Part-10)
NAAQS	60	100	80	80	4

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

Abbreviations:

NAAQS	: National Ambient Air Quality Standard
PM _{2.5}	: Fine Particulate Matter
PM ₁₀	: Respirable Suspended Particulate Matter
NO ₂	: Nitrogen Dioxide
SO ₂	: Sulphur Dioxide
CO	: Carbon Monoxide

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Checked by

Deepak Singh Yadav

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Sita Ram Yadav

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TC-6821

TEST REPORT

Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Report No.:	JME/A/250707620
Sample Description:	AMBIENT AIR QUALITY MONITORING	Date of Reporting:	05/08/2025
Sampling Location:	Near Mankahari Village	Monitoring Month:	July, 2025
Sample Collected by:	JMELPL Team	Protocol Used:	JMELPL/STOP/04
Client Representative:	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Instrument Used for Sampling:	RDS & FPS
		Latitude:	24° 35' 36" N
		Longitude:	81° 1' 17" E

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)
02/07/2025 to 03/07/2025	23.5	49.9	15.9	8.3	0.54
04/07/2025 to 05/07/2025	25.3	52.2	17.3	8.7	0.52
08/07/2025 to 09/07/2025	25.1	52.5	17.4	8.8	0.55
11/07/2025 to 12/07/2025	25.3	53.6	18.1	9.0	0.51
15/07/2025 to 16/07/2025	22.5	47.7	14.4	7.6	0.56
18/07/2025 to 19/07/2025	24.3	51.1	16.6	8.3	0.58
22/07/2025 to 23/07/2025	22.7	47.9	14.7	7.5	0.57
25/07/2025 to 26/07/2025	23.3	49.2	15.5	8.1	0.55
29/07/2025 to 30/07/2025	27.1	55.5	19.1	9.7	0.60
30/07/2025 to 31/07/2025	28.8	58.9	20.8	10.3	0.56
Minimum	22.5	47.7	14.4	7.5	0.51
Maximum	28.8	58.9	20.8	10.3	0.60
Average	24.79	51.85	16.98	8.63	0.55
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2)	IS 5182 (Part-10)
NAAQS	60	100	80	80	4 (1 hourly)

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

Abbreviations:

NAAQS	: National Ambient Air Quality Standard
PM _{2.5}	: Fine Particulate Matter
PM ₁₀	: Respirable Suspended Particulate Matter
NO ₂	: Nitrogen Dioxide
SO ₂	: Sulphur Dioxide
CO	: Carbon Monoxide

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TEST REPORT

Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Report No.:	JME/A/250807620
		Date of Reporting:	05/09/2025
		Monitoring Month:	August, 2025
		Protocol Used:	JMELPL/STOP/04
Sample Description:	AMBIENT AIR QUALITY MONITORING	Instrument Used for Sampling:	RDS & FPS
Sampling Location:	Near Mankahari Village		
Sample Collected by:	JMELPL Team	Latitude:	24° 35' 36" N
Client Representative:	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Longitude:	81° 1' 17" E

TEST RESULTS

Date	Parameter				
	PM _{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)
04/08/2025 to 05/08/2025	19.6	44.9	13.6	6.8	BDL (DL 0.5)
07/08/2025 to 08/08/2025	18.0	42.6	12.9	5.7	BDL (DL 0.5)
11/08/2025 to 12/08/2025	21.1	46.9	15.5	7.9	BDL (DL 0.5)
14/08/2025 to 15/08/2025	24.7	55.6	17.1	8.7	BDL (DL 0.5)
18/08/2025 to 19/08/2025	25.0	62.6	18.6	9.2	0.52
21/08/2025 to 22/08/2025	20.6	45.6	14.8	7.4	BDL (DL 0.5)
25/08/2025 to 26/08/2025	18.1	43.8	13.1	6.5	BDL (DL 0.5)
28/08/2025 to 29/08/2025	22.2	48.9	16.2	8.0	BDL (DL 0.5)
Minimum	18.0	42.6	12.9	5.7	0.52
Maximum	25.0	62.6	18.6	9.2	0.52
Average	21.16	48.86	15.22	7.51	0.52
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2) sec 1	IS 5182 (Part-10)
NAAQS	60 (24 hourly)	100 (24 hourly)	80 (24 hourly)	80 (24 hourly)	4 (1 hourly)

Abbreviations:

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

Page No.1 of 1

Checked by
Abhishek Tiwari



Reviewed & Authorized by
Sita Ram Yadav

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TC-6821

TEST REPORT

Name & Address of Unit:

M/s. Prism Johnson Limited
Limestones Mines
Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh
AMBIENT AIR QUALITY MONITORING
Near Mankahari Village

Sample Description:

Sampling Location:

Sample Collected by:

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

Report No.:

JME/A/250904620

Date of Reporting:

03/10/2025

Monitoring Month:

September, 2025

Protocol Used:

JMELPL/STOP/04

Instrument Used for Sampling:

RDS & FPS

Latitude:

24° 35' 36" N

Longitude:

81° 1' 17" E

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)
01/09/2025 to 02/09/2025	19.2	44.0	13.4	6.6	BDL (DL 0.5)
04/09/2025 to 05/09/2025	20.6	45.9	15.2	7.7	BDL (DL 0.5)
08/09/2025 to 09/09/2025	17.8	42.9	12.9	6.4	BDL (DL 0.5)
11/09/2025 to 12/09/2025	24.5	63.3	18.2	9.0	0.53
15/09/2025 to 16/09/2025	21.8	47.9	15.8	7.9	BDL (DL 0.5)
18/09/2025 to 19/09/2025	22.3	54.5	16.7	8.5	BDL (DL 0.5)
22/09/2025 to 23/09/2025	20.2	44.7	14.5	7.3	BDL (DL 0.5)
25/09/2025 to 26/09/2025	16.5	41.7	12.6	5.6	BDL (DL 0.5)
Minimum	16.5	41.7	12.6	5.6	0.53
Maximum	24.5	63.3	18.2	9.0	0.53
Average	20.37	48.13	14.92	7.36	0.53
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2) sec 1	IS 5182 (Part-10)
NAAQS	60 (24 hourly)	100 (24 hourly)	80 (24 hourly)	80 (24 hourly)	4 (1 hour)

Abbreviations:

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

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 Deepak Singh Yadav



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 Rajkumar Yadav

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TEST REPORT

Sample Number:	JME/PJCL/FD/13	Report No.:	JME/FD/250616683
Name & Address of Unit	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.8 F-02
		Party Reference No.:	Nil
		Reporting Date:	19/06/2025
		Analysis Completion Date:	19/06/2025
		Analysis Start Date:	16/06/2025
Sample Description:	FUGITIVE EMISSION	Receipt Date:	16/06/2025

General Information

Client Representative (Name & Designation)

Mr. Sumitabh Dwivedi
(Assistant General Manager- Environment)

Sample collected by

JMEPL Team

Sampling Location

Near Haul Road

Instrument used

HVS

Instrument code

JME/HVS/01/01

Instrument calibration status

Calibrated

Meteorological condition during monitoring

Clear Sky

Date of Monitoring

13/06/2025

Time of Monitoring

08:18 to 12:20 hrs.

Duration of Monitoring, (minutes)

240.0

Ambient Temperature (°C)

40.0

Surrounding activity

Operational Activities

Sampling Protocol

JMEPL/STOP/04

Parameter Required

SPM

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit
1.	Suspended Particulate Matter	JMEPL/STOP/03	419.0	µg/m ³

Note: As per CPCB Guideline

1. Permissible limit for other than coal dust is 5000 µg/m³
2. Permissible limit for Coal Dust is 2000 µg/m³

Page 1 of 1

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Sita Ram Yadav

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End of Report



TEST REPORT

Sample Number:	JME/PJCL/FD/14	Report No.:	JME/FD/250616684
Name & Address of Unit	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.8 F-02
Sample Description:	FUGITIVE EMISSION	Party Reference No.:	Nil
		Reporting Date:	19/06/2025
		Analysis Completion Date:	19/06/2025
		Analysis Start Date:	16/06/2025
		Receipt Date:	16/06/2025

General Information

Client Representative (Name & Designation)

Mr. Sumitabh Dwivedi
(Assistant General Manager- Environment)

Sample collected by

JMEPL Team

Sampling Location

Near Drilling/Loading Point

Instrument used

HVS

Instrument code

JME/HVS/01/01

Instrument calibration status

Calibrated

Meteorological condition during monitoring

Clear Sky

Date of Monitoring

13/06/2025

Time of Monitoring

14:00 to 18:03 Hrs.

Duration of Monitoring, (minutes)

240.0

Ambient Temperature (°C)

41.0

Surrounding activity

Operational Activities

Sampling Protocol

JMEPL/STOP/04

Parameter Required

SPM

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit
1.	Suspended Particulate Matter	JMEPL/STOP/03	399.0	µg/m ³

Note: As per CPCB Guideline

1. Permissible limit for other than coal dust is 5000 µg/m³
2. Permissible limit for Coal Dust is 2000 µg/m³

Page 1 of 1

Deepak
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TEST REPORT

Sample Number:	JME/PJCL/FD/13	Report No.:	JME/FD/250918683
Name & Address of Unit	M/s. Prism Johnson Limited Limestones Mines Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. - Satna Madhya Pradesh	Format No.:	7.8 F-02
		Party Reference No.:	Nil
		Reporting Date:	22/09/2025
		Analysis Completion Date:	22/09/2025
		Analysis Start Date:	18/09/2025
Sample Description:	FUGITIVE EMISSION	Receipt Date:	18/09/2025

General Information

Client Representative (Name & Designation)	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)
Sample collected by	JMELPL Team
Sampling Location	Near Haul Road
Instrument used	HVS
Instrument code	JME/HVS/01/01
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Cloudy Sky
Date of Monitoring	15/09/2025
Time of Monitoring	08:05 to 12:09 hrs.
Duration of Monitoring, (minutes)	240.0
Ambient Temperature (°C)	34.0
Surrounding activity	Operational Activities
Sampling Protocol	JMELPL/STOP/04
Parameter Required	SPM

TEST RESULTS

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

Note: As per CPCB Guideline

1. Permissible limit for other than coal dust is 5000 µg/m³
2. Permissible limit for Coal Dust is 2000 µg/m³

Page No. 1 of 1

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TEST REPORT

Sample Number:	JME/PJCL/FD/14	Report No.:	JME/FD/250918684
Name & Address of Unit	M/s. Prism Johnson Limited Limestones Mines Area (772.067 ha, 99.416 ha, 253.326 ha & 66.43 ha) Tehsil- Rampur Baghelan, Distt. - Satna Madhya Pradesh	Format No.:	7.8 F-02
Sample Description:	FUGITIVE EMISSION	Party Reference No.:	Nil
		Reporting Date:	22/09/2025
		Analysis Completion Date:	22/09/2025
		Analysis Start Date:	18/09/2025
		Receipt Date:	18/09/2025

General Information

Client Representative (Name & Designation)	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)
Sample collected by	JMELPL Team
Sampling Location	Near Drilling/Loading Point
Instrument used	HVS
Instrument code	JME/HVS/01/01
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Cloudy Sky
Date of Monitoring	15/09/2025
Time of Monitoring	13:35 to 17:39 Hrs.
Duration of Monitoring, (minutes)	240.0
Ambient Temperature (°C)	25.0
Surrounding activity	Operational Activities
Sampling Protocol	JMELPL/STOP/04
Parameter Required	SPM

TEST RESULTS

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

Note: As per CPCB Guideline

1. Permissible limit for other than coal dust is 5000 µg/m³
2. Permissible limit for Coal Dust is 2000 µg/m³

Page No. 1 of 1

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TC-6821

TEST REPORT

Sample Number:	JME/PJCL/AN/13	Report No.:	JME/AN/250623658
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.5 F-04
Sample Description:	AMBIENT NOISE LEVEL MONITORING	Party Ref. No.:	Nil
		Reporting Date:	26/06/2025
		Analysis Completion Date:	26/06/2025
		Analysis Start Date:	23/06/2025
		Receipt Date:	23/06/2025

General Information

Client Representative (Name & Designation)

Mr. Sumitabh Dwivedi
(Assistant General Manager- Environment)

Sample collected by

JMELPL Team

Sampling Location

Near Mankahari Village

Date of Monitoring

19/06/2025 to 20/06/2025

Time of Monitoring

06:00 AM to 06:00 AM

Latitude

Longitude

Instrument used

Sound Level Meter

Instrument code

JME/SLM/02/04

Instrument calibration status

Calibrated

Meteorological condition during monitoring

Clear Sky

Ambient Temperature (°C)

Max 34°C, Min 29°C

Surrounding activity

Human and Vehicular Activities

Scope of Monitoring

Regulatory Requirement

Control measure if any

--

Sampling Protocol

JMELPL/STOP/04

Duration of Monitoring, (minutes)

24 Hrs.

Parameter Required

As per work order**TEST RESULTS**

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

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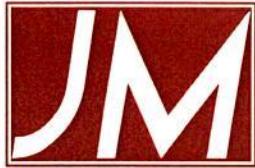
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****End of Report****



TEST REPORT

Sample Number:	JME/PJCL/AN/13	Report No.:	JME/AN/250623658
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.5 F-04
Sample Description:	AMBIENT NOISE LEVEL MONITORING	Party Ref. No.:	Nil
		Reporting Date:	26/06/2025
		Analysis Completion Date:	26/06/2025
		Analysis Start Date:	23/06/2025
		Receipt Date:	23/06/2025

General Information

Client Representative (Name & Designation)

Mr. Sumitabh Dwivedi
(Assistant General Manager- Environment)

Sample collected by

JMELPL Team

Sampling Location

Near Mankahari Village

Date of Monitoring

19/06/2025 to 20/06/2025

Time of Monitoring

06:00 AM to 06:00 AM

Latitude

Longitude

Instrument used

Sound Level Meter

Instrument code

JME/SLM/02/04

Instrument calibration status

Calibrated

Meteorological condition during monitoring

Clear Sky

Ambient Temperature (°C)

Max 34°C, Min 29°C

Surrounding activity

Human and Vehicular Activities

Scope of Monitoring

Regulatory Requirement

Control measure if any

--

Sampling Protocol

JMELPL/STOP/04

Duration of Monitoring, (minutes)

24 Hrs.

Parameter Required

As per work order

TEST RESULTS

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

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TC-6821

TEST REPORT

Sample Number:	JME/PJCL/AN/10	Report No.:	JME/AN/250623655
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.5 F-04
Sample Description:	AMBIENT NOISE LEVEL MONITORING	Party Ref. No.:	Nil
		Reporting Date:	26/06/2025
		Analysis Completion Date:	26/06/2025
		Analysis Start Date:	23/06/2025
		Receipt Date:	23/06/2025

General Information

Client Representative (Name & Designation)

Mr. Sumitabh Dwivedi

(Assistant General Manager- Environment)

JMELPL Team

Sample collected by

SW (BP No.18)

Sampling Location

16/06/2025 to 17/06/2025

Date of Monitoring

06:00 AM to 06:00 AM

Time of Monitoring

Latitude

Longitude

Instrument used

Sound Level Meter

Instrument code

JME/SLM/02/05

Instrument calibration status

Calibrated

Meteorological condition during monitoring

Cloudy Sky

Ambient Temperature (°C)

Max 34°C, Min 28°C

Surrounding activity

Human & Vehicular Activities

Scope of Monitoring

Regulatory Requirement

Control measure if any

--

Sampling Protocol

JMELPL/STOP/04

Duration of Monitoring, (minutes)

24 Hrs.

Parameter Required

As per work order

TEST RESULTS

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

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TC-6821

TEST REPORT

Sample Number:	JME/PJCL/AN/11	Report No.:	JME/AN/250623656
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.5 F-04
Sample Description:	AMBIENT NOISE LEVEL MONITORING	Party Ref. No.:	NII
		Reporting Date:	26/06/2025
		Analysis Completion Date:	26/06/2025
		Analysis Start Date:	23/06/2025
		Receipt Date:	23/06/2025

General Information

Client Representative (Name & Designation)

Mr. Sumitabh Dwivedi
(Assistant General Manager- Environment)

Sample collected by

JMELPL Team

Sampling Location

Near Western Side ML Boundary
(Pillar No. 14) of ML Area

17/06/2025 to 18/06/2025

Date of Monitoring

06:00 AM to 06:00 AM

Time of Monitoring

Latitude

Longitude

Instrument used

Sound Level Meter

Instrument code

JME/SLM/02/04

Instrument calibration status

Calibrated

Meteorological condition during monitoring

Cloudy Sky

Ambient Temperature (°C)

Max 34°C, Min 29°C

Surrounding activity

Human Activity

Scope of Monitoring

Regulatory Requirement

Control measure if any

--

Sampling Protocol

JMELPL/STOP/04

Duration of Monitoring, (minutes)

24 Hrs.

Parameter Required

As per work order

TEST RESULTS

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

Page 1 of 1

Checked by
Deepak Singh Yadav



Reviewed & Authorized by
Sita Ram Yadav

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Corporate Office

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



TEST REPORT

Sample Number:	JME/PJCL/AN/12	Report No.:	JME/AN/250623657
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.5 F-04
Sample Description:	AMBIENT NOISE LEVEL MONITORING	Party Ref. No.:	Nil
		Reporting Date:	26/06/2025
		Analysis Completion Date:	26/06/2025
		Analysis Start Date:	23/06/2025
		Receipt Date:	23/06/2025

General Information

Client Representative (Name & Designation)

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

Sample collected by

Near Hinauti Village

Sampling Location

18/06/2025 to 19/06/2025

Date of Monitoring

06:00 AM to 06:00 AM

Time of Monitoring

Latitude

Longitude

Sound Level Meter

Instrument used

JME/SLM/02/05

Instrument code

Calibrated

Instrument calibration status

Clear Sky

Meteorological condition during monitoring

Max 35°C, Min 27°C

Ambient Temperature (°C)

Human & Vehicular Activities

Surrounding activity

Regulatory Requirement

Scope of Monitoring

--

Control measure if any

JMEPL/STOP/04

Sampling Protocol

24 Hrs.

Duration of Monitoring, (minutes)

As per work order

Parameter Required

TEST RESULTS

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

Page 1 of 1

Deepak Singh Yadav
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Sample Number:	JME/PJCL/AN/13	Report No.:	JME/AN/250623658
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.5 F-04
Sample Description:	AMBIENT NOISE LEVEL MONITORING	Party Ref. No.:	Nil
		Reporting Date:	26/06/2025
		Analysis Completion Date:	26/06/2025
		Analysis Start Date:	23/06/2025
		Receipt Date:	23/06/2025

General Information

Client Representative (Name & Designation)

Mr. Sumitabh Dwivedi
(Assistant General Manager- Environment)

Sample collected by

JMELPL Team

Sampling Location

Near Mankahari Village

Date of Monitoring

19/06/2025 to 20/06/2025

Time of Monitoring

06:00 AM to 06:00 AM

Latitude

Longitude

Instrument used

Sound Level Meter

Instrument code

JME/SLM/02/04

Instrument calibration status

Calibrated

Meteorological condition during monitoring

Clear Sky

Ambient Temperature (°C)

Max 34°C, Min 29°C

Surrounding activity

Human and Vehicular Activities

Scope of Monitoring

Regulatory Requirement

Control measure if any

--

Sampling Protocol

JMELPL/STOP/04

Duration of Monitoring, (minutes)

24 Hrs.

Parameter Required

As per work order

TEST RESULTS

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

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Note:

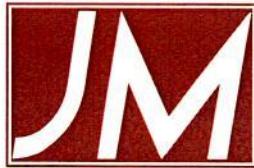
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TC-6821

TEST REPORT

Sample Number:	JME/PJCL/AN/10	Report No.:	JME/AN/250623655
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.5 F-04
Sample Description:	AMBIENT NOISE LEVEL MONITORING	Party Ref. No.:	Nil
		Reporting Date:	26/06/2025
		Analysis Completion Date:	26/06/2025
		Analysis Start Date:	23/06/2025
		Receipt Date:	23/06/2025

General Information

Client Representative (Name & Designation)

Mr. Sumitabh Dwivedi

(Assistant General Manager- Environment)

JMELPL Team

Sample collected by

SW (BP No.18)

Sampling Location

16/06/2025 to 17/06/2025

Date of Monitoring

06:00 AM to 06:00 AM

Time of Monitoring

Latitude

Longitude

Sound Level Meter

Instrument used

JME/SLM/02/05

Instrument code

Calibrated

Instrument calibration status

Cloudy Sky

Meteorological condition during monitoring

Max 34°C, Min 28°C

Ambient Temperature (°C)

Human & Vehicular Activities

Surrounding activity

Regulatory Requirement

Scope of Monitoring

--

Control measure if any

JMELPL/STOP/04

Sampling Protocol

24 Hrs.

Duration of Monitoring, (minutes)

As per work order

Parameter Required

TEST RESULTS

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

Page 1 of 1

Checked by
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TC-6821

TEST REPORT

Sample Number:	JME/PJCL/AN/11	Report No.:	JME/AN/250623656
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.5 F-04
Sample Description:	AMBIENT NOISE LEVEL MONITORING	Party Ref. No.:	NII
		Reporting Date:	26/06/2025
		Analysis Completion Date:	26/06/2025
		Analysis Start Date:	23/06/2025
		Receipt Date:	23/06/2025

General Information

Client Representative (Name & Designation)

Mr. Sumitabh Dwivedi
(Assistant General Manager- Environment)

Sample collected by

JMELPL Team

Sampling Location

Near Western Side ML Boundary
(Pillar No. 14) of ML Area

17/06/2025 to 18/06/2025

Date of Monitoring

06:00 AM to 06:00 AM

Time of Monitoring

Latitude

Longitude

Sound Level Meter

Instrument used

JME/SLM/02/04

Instrument code

Calibrated

Instrument calibration status

Cloudy Sky

Meteorological condition during monitoring

Max 34°C, Min 29°C

Ambient Temperature (°C)

Human Activity

Surrounding activity

Regulatory Requirement

Scope of Monitoring

--

Control measure if any

JMELPL/STOP/04

Sampling Protocol

24 Hrs.

Duration of Monitoring, (minutes)

As per work order

Parameter Required

TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
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Sample Description:	AMBIENT NOISE LEVEL MONITORING	Party Ref. No.:	Nil
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		Analysis Start Date:	23/06/2025
		Receipt Date:	23/06/2025

General Information

Client Representative (Name & Designation)

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

Sample collected by

Near Hinauti Village

Sampling Location

18/06/2025 to 19/06/2025

Date of Monitoring

06:00 AM to 06:00 AM

Time of Monitoring

Latitude

Longitude

Sound Level Meter

Instrument used

JME/SLM/02/05

Instrument code

Calibrated

Instrument calibration status

Clear Sky

Meteorological condition during monitoring

Max 35°C, Min 27°C

Ambient Temperature (°C)

Human & Vehicular Activities

Surrounding activity

Regulatory Requirement

Scope of Monitoring

--

Control measure if any

JMEPL/STOP/04

Sampling Protocol

24 Hrs.

Duration of Monitoring, (minutes)

As per work order

Parameter Required

TEST RESULTS

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

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TC-6821

TEST REPORT

Sample Number:	JME/PJCL/AN/13	Report No.:	JME/AN/250623658
Name & Address of Unit:	M/s. Prism Johnson Limited Limestones Mines Area (772 ha, 99 ha, 253 ha & 66 ha) Tehsil- Rampur Baghelan, Distt. -Satna Madhya Pradesh	Format No.:	7.5 F-04
Sample Description:	AMBIENT NOISE LEVEL MONITORING	Party Ref. No.:	Nil
		Reporting Date:	26/06/2025
		Analysis Completion Date:	26/06/2025
		Analysis Start Date:	23/06/2025
		Receipt Date:	23/06/2025

General Information

Client Representative (Name & Designation)

Mr. Sumitabh Dwivedi
(Assistant General Manager- Environment)

Sample collected by

JMELPL Team

Sampling Location

Near Mankahari Village

Date of Monitoring

19/06/2025 to 20/06/2025

Time of Monitoring

06:00 AM to 06:00 AM

Latitude

Longitude

Instrument used

Sound Level Meter

Instrument code

JME/SLM/02/04

Instrument calibration status

Calibrated

Meteorological condition during monitoring

Clear Sky

Ambient Temperature (°C)

Max 34°C, Min 29°C

Surrounding activity

Human and Vehicular Activities

Scope of Monitoring

Regulatory Requirement

Control measure if any

--

Sampling Protocol

JMELPL/STOP/04

Duration of Monitoring, (minutes)

24 Hrs.

Parameter Required

As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
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2.	L _{min}	IS-9989	41.2	35.8	dB(A)
3.	L _{eq}	IS-9989	51.1	39.1	dB(A)
4.	CPCB Limits in dB(A) L _{eq} (Residential area)	--	55	45	dB(A)

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Annexure 10A: Training Details and photographs

GVTC TRAINING DETAILS FROM 1 APRIL 2025 TO 30 SEPTEMBER 2025

Particulars	Number of Participants	Grade
Mines vocational Class room training (Mines basic safety training, First aid training, Hemm's Safety Features, Hemm's Specification, Sop's Discussion, Mines Accident videos etc..)	93	Staff- 21 +Workmen-17+ contractor-46+ Apprentice-09
Neighbouring Mine (Amanganj limestone Mine Eco cement opencast workers class room training)	09	Staff -09
Hazard identification and risk assessment and SMP training	13	Staff- 11+ Apprentice -02
Firefighting uses and its types training	12	Workmen-10+ Apprentice- 01 + Apprentice- 01
HEMM Operation and Maintenance training for Hemm operators	19	Staff-13 + workmen-06
Surpac software training	19	Staff -14+ Apprentice-05
Mines general safety and dangers associated with Fly rock special training for workers near mines vicinity by Blasting officer	45	Staff-02 + Contractor -43
Electrical safety Training	38	Staff-24+ workmen- 03, Contractor-11
HEMM Safety features uses Training by Mines workshop team	13	Staff-06 + workmen- 01 + Apprentice -06
Safety management Plan special training	10	Staff-08 + Apprentice- 02
Front line supervisory official Fire Fighting Training	22	Staff-05 + workmen-15 contractor - 02
SOT (Safety observation tool and Reporting Training)	34	Staff -34
Total	327	

Training photographs

Annexure 9B: Training photographs





Deotale Diagnostic Centre

Consultation Diagnostics Health Check- Ups Immunization.
 Clinic: Vinayak Apt. 3rd floor Dhantoli Lokmat Chouk Nagpur
 For any assistance call at . 9860204241, 0712-2424868
 Email ID : deotaleddeepak19577@gmail.com

MEDICAL CHECK-UP REPORT

SR NO.	4
Certificate No	7
EMP CODE	102178
Work Station /Grade	G
Designation	Mines Foreman
MOB NO	8109339836
CHECK-UP DATE	11-12-24

EMPLOYEES NAME: Ashok Kumar Tiwari Rishi Dev Tiwari

Gender: MALE	Age : 52 Yrs	Ht : 172 cms	BMI : 28.06	Wt: 83 Kg
Company Address: PRISM JOHNSON LIMITED, MANKAHARI,PO: BATHIA, TEHSIL: RAMPUR BAGHAN, DIST: SATNA, PIN:485111 (M.P.)				
Personal H/O:	ALCOHOL: NO	TABACCO: NO	SMOKING: NO	GUTKHA: NO
General Exam:-	Healthy	BP .: 162/89 mmHg	PLUSE : 95 mm/hr	SP/LIVER :N/P
C.V.S.: N	R/S : N	CNS :N		

Abdomen : soft

BLOOD TEST

Test	Result	Normal Range
Blood Sugar	200 mg/dl	70-160 mg/dl
Hemoglobin	12.8 gm/dl	12.5 to 16.5 gm/dl
Total Leukocyte Count	7300 Cumm	4000-11000 /Cumm
Neutrophils	75 %	40-80 %
Lymphocyte	20 %	20-40 %
Eosinophils	3 %	1-6 %
Monocytes	2 %	2-10 %
ESR	8 mm/hr	< 20 mm/hr
Cholesterol	169 mg/dl	< 220 mg/dl
Triglycerides	153 mg/dl	> 200 mg/dl
HDL	43 mg/dl	35 TO 50 mg/dl
LDL	95.4 mg/dl	
VLDL	30.6 mg/dl	
CHO/HDL Ratio:	3.9	
Urea	23 mg/dl	10-50
Creatinine	0.9 mg/dl	0.8-1.3
SGPT	30 U/L	0-40
SGOT	23 U/L	0-40
STOOL AFB	NEGATIVE	
STOOL	NEGATIVE	
Colour Blindness	NO	
ECG	WNL	
X-Ray	WNL	Spirometry WNL
AUDIOMETRY	RT : WNL	LF. WNL
Vision:	Unaided - Dist. Rt - 6/9	Dist. Lf - 6/9
	Unaided - Near Rt - N/6	Near Lf - N/6
	With Spect Dist. Rt -	With Spect Dist. Lf -
	With Spect Near . Rt -	With Spect Near . Lf -

MEDICAL CHECK - UP:- NORMAL

Opinion: He/She is physically & mentally fit . He/She is not suffering from any infectious or contagious diseases

Dr. DEEPAK P. DEOTALE
M.B.B.S. A.F.I.H. (Reg. No. 48366)

Dr. Deepak Deotale
MBBS, AFIH
Reg. No. 48366

(FORM - O)

(See rule 29F (2) and 29L)

Report of medical examination under rule 29B (To be issued in triplicate)

** Certificate No. 7 Certified that Shri/Shrimati* Ashok Kumar Tiwari, employed as 102178 In PCL mine, Form B No. 33 has been examined for an initial/periodical medical examination. He/she* appears to be years of age.

The findings of the examining authority are given in the attached sheet. It is considered that Shri/Shrimati* Ashok Kumar Tiwari.....

(a)* is medically fit for any employment in mines.

(b)* is suffering from..... and is medically unfit for

- (i) any employment in mine; or
- (ii) any employment below ground; or
- (iii) any employment or work.....

(c)* is suffering from..... is should get this disability* cured/controlled and should be again examined within a period ofmonths. He/She will appear for re-examination with the result of test of and the opinion of Specialist from He/She may be permitted/not* permitted to carry on his duties during this period.



Place : PCL

Date :

DR. DEEPAK P. DROTAL
Signature of the examining authority
Name and designation in Block letters

* Delete whatever is not applicable.

** One copy of the certificate shall be handed over to the person concerned and another copy shall be sent to the manager of the mine concerned by registered post; and the third copy shall be retained by the examining authority,

Report of the examining authority

(to be filled in for every medical examination whether initial or periodical or re-examination or after cure/control of disability).

Annexure to Certificate No. 7 as result of medical examination on

Identification Mark... Scar on face left side

Left thumb impression of the candidate

1. General development- Good/Fair/Poor

2. Height 172 Cms.

3 Weight 83 kg.

4 Eyes : (i) Visual acuity-Distant vision (with or without glasses).

Right eye..... 6/9 Left eye..... 6/9

(ii) any organic disease of eyes NO

(iii) night blindness NO

(iv) Colour blindness NO

(v) Squint (* to be tested in special cases)

Inserted vide notification No.GSR 656 dated 5.6.1980 NO

5 Ears : Hearing : Right ear..... N Left ear

Any organic diseases.

6. Respiratory system. Chest measurement : (i) After full inspiration cms.
(ii) After full expiration cms.

7. Circulatory system: (i) Blood Pressure 162/89 (ii) Pulse 95

8. Abdomen : Tenderness NO
Liver. N.P.
Spleen. N.P.
Tumour. NO

9. Nervous system:

History of fits or epilepsy N

Paralysis NO

Mental health. GOOD

10. Locomotory system : N

11. Skin. : N

12. Hydrocele. : NO

13. Hernia. : NO

14. Any other abnormality : NO

15. Urine : Reaction. N
Albumin..... NO
Sugar..... NO

16. Skiagram of chest. : WNL

17. Any other test considered necessary by the examining authority. : NO

18. Any opinion of specialist considered necessary NO

Place:

Signature of the examining authority

Report of Medical Examination under Mines Rule 29B
(To be used in continuation with Form O)

Certificate No. 7

Name: Ashok Kumar Tiwari

Identification Marks: Scar on face left side

Result of Lung Function Test (Spirometry)

Parameters	Predicted Value	Performed Value	% of Predicted
Forced Vital Capacity (FEV)	3.45	3.12	89
Forced Vital Capacity FEV1	2.76	3.01	109
FEV 1/ FVC	80.00	96.47	121
Peak Expiratory Flow	8.15	8.11	100

Spirometry Report enclosed.

Signature of the Examination Authority

Report of Medical Examination as per the recommendations of National Safety
Conferences in Mines
(To be used in continuation with Form O)

Certificate No. 7

Name: Ashok Kumar Tiwari

Identification Marks: Scar on face left side

1. Cardiological Assessment

Auscultation	S ₁	S ₂	Performed Value	% of Predicted
	N	N		
	N	N		
Additional Sound	NO			
FEV1/ FVC			96.47	121
Electrocardiograph(12leads) findings			Normal/Abnormal	

Enclosed ECG

2. Neurological Assessment

Findings	Normal/Abnormal
Superficial Reflexes MBBS ARIH	Normal
Deep Reflexes Red No. 4222	Normal
Peripheral Circulation	Normal
Vibrational Syndromes	Normal

3. ILO Classification of Chest Radiograph

Profusion of Pneumoconiotic Opacities	Grades	Types
Present /Absent		

Enclosed Chest Radiograph

4. Audiometry Findings:

Condution Type	Left Ear	Right Ear
Ear Conduction	Normal/Abnormal	Normal/Abnormal
Bone Conduction	Normal/Abnormal	Normal/Abnormal

Enclosed Audiometry Report

5. Pathological/Microbiological Investigations:

S.No.	Tests	Findings
1.	Blood-Tc,Dc,Hb,ESR,Platelets	WNL/Abnormal
2.	Blood Suger-Fasting & P.P.	WNL/Abnormal
3.	Lipid Profile	WNL/Abnormal
4.	Blood Urea, Creatinine	WNL/Abnormal
5.	Urine Routine	WNL/Abnormal
6.	Stool Routine	WNL/Abnormal

Enclosed Investigation Reports

6. Special Tests for Mn Exposure:

Behavioral Disturbances		Present/Not Present
Neurological Disturbances	Speech Defect	Present/Not Present
	Tremor	Present/Not Present
	Adiadiocokinesia	Present/Not Present
	Emotional Changes	Present/Not Present

Enclosed ECG

7. Any other Special Tests Required: NO

8
Signature of the Examination Authority
Seal

✓

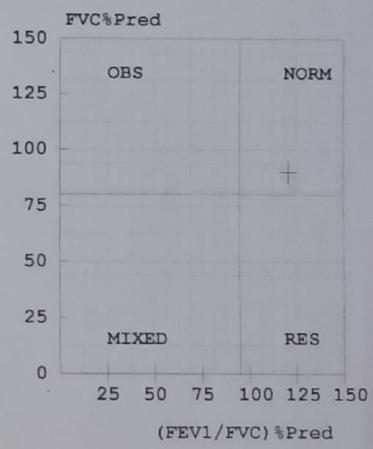
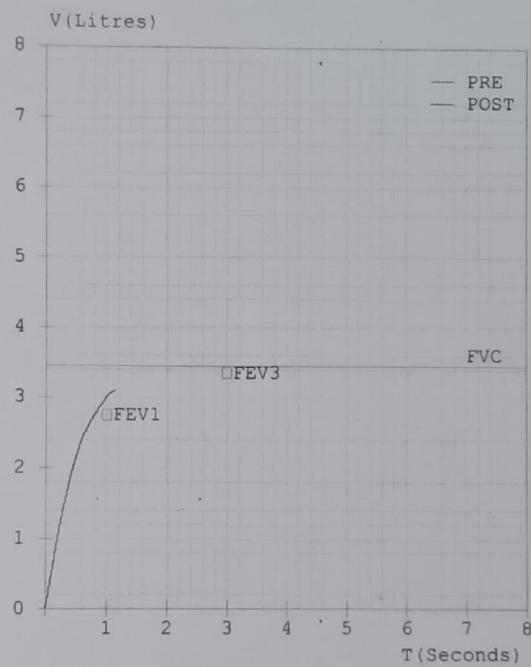
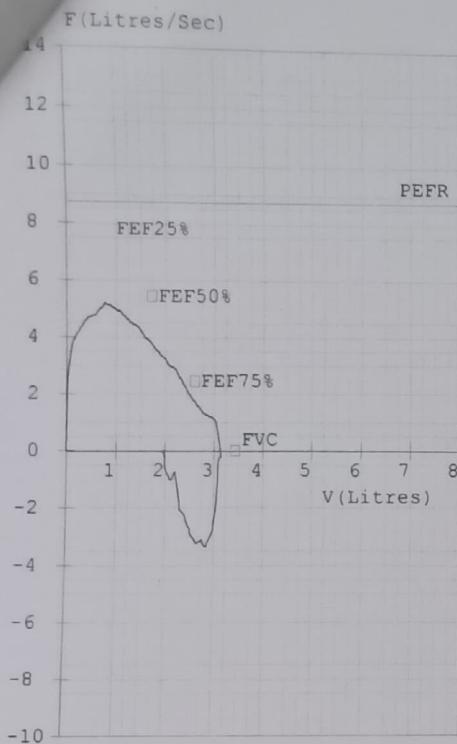
Dr. Deepak Deotale
MBBS, AFIM
Reg. No. 48305

JK KUMAR TIWARI

RECORDERS

1-12-2024 10:50:29

Age : 47 Years Gender : Male
 Height : 172 Cms Smoker : No
 Weight : 83 Kgs Eth. Corr: 100
 ID: PR 07 Temp : degrees



FVC Results						
Parameter	Pred	M.Pred%Pred	M.Post	%Pred	%Imp	
FVC (L)	03.45	03.12	090	---	---	---
FEV1 (L)	02.76	03.01	109	---	---	---
FEV1/FVC (%)	80.00	96.47	121	---	---	---
FEF25-75 (L/s)	03.66	03.77	103	---	---	---
PEFR (L/s)	08.75	05.11	058	---	---	---
FIVC (L)	---	01.17	---	---	---	---
FEV.5 (L)	---	02.17	---	---	---	---
FEV3 (L)	03.35	03.12	093	---	---	---
PIFR (L/s)	---	03.33	---	---	---	---
FEF75-85 (L/s)	---	01.94	---	---	---	---
FEF.2-1.2 (L/s)	06.52	04.69	072	---	---	---
FEF 25% (L/s)	07.81	05.11	065	---	---	---
FEF 50% (L/s)	05.46	04.01	073	---	---	---
FEF 75% (L/s)	02.46	02.45	100	---	---	---
FEV.5/FVC (%)	---	69.55	---	---	---	---
FEV3/FVC (%)	97.10	100.00	103	---	---	---
FET (Sec)	---	01.19	---	---	---	---
ExplTime (Sec)	---	00.15	---	---	---	---

Pre Medication Report Indicates
 Early Small Airway Obstruction as FEF 25-75 %Pred or PEFR %Pred < 70
 Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80.

8

Dr. Deepak Doctate
 MBBB, AFIM
 Reg. No. 42335

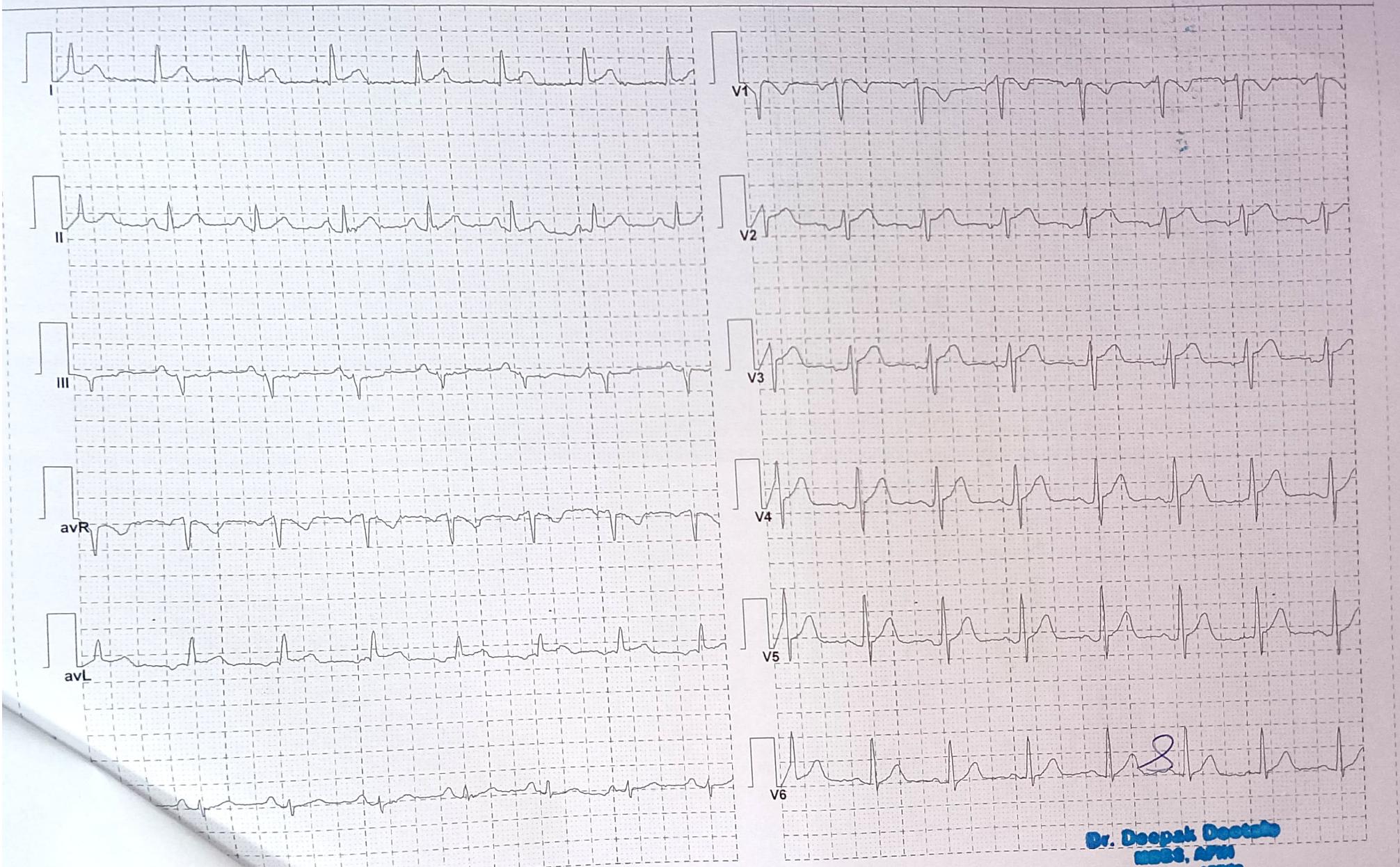
DEOTALE DIAGNOSTIC CENTRE

1940042251 / ASHOK KUMAR TIWARI / 47 Yrs / M / 172Cms. / 83Kgs. / Non Smoker

Heart Rate : 90 bpm / Dr.: DR DEOTALE Tested On : 11-Dec-24 11:09:52 / HF 0.05 Hz - LF 100 Hz / Notch 50 Hz / Sn 1.00 Cm/mV / Sw 25 mm/s

ECG

AGHPL

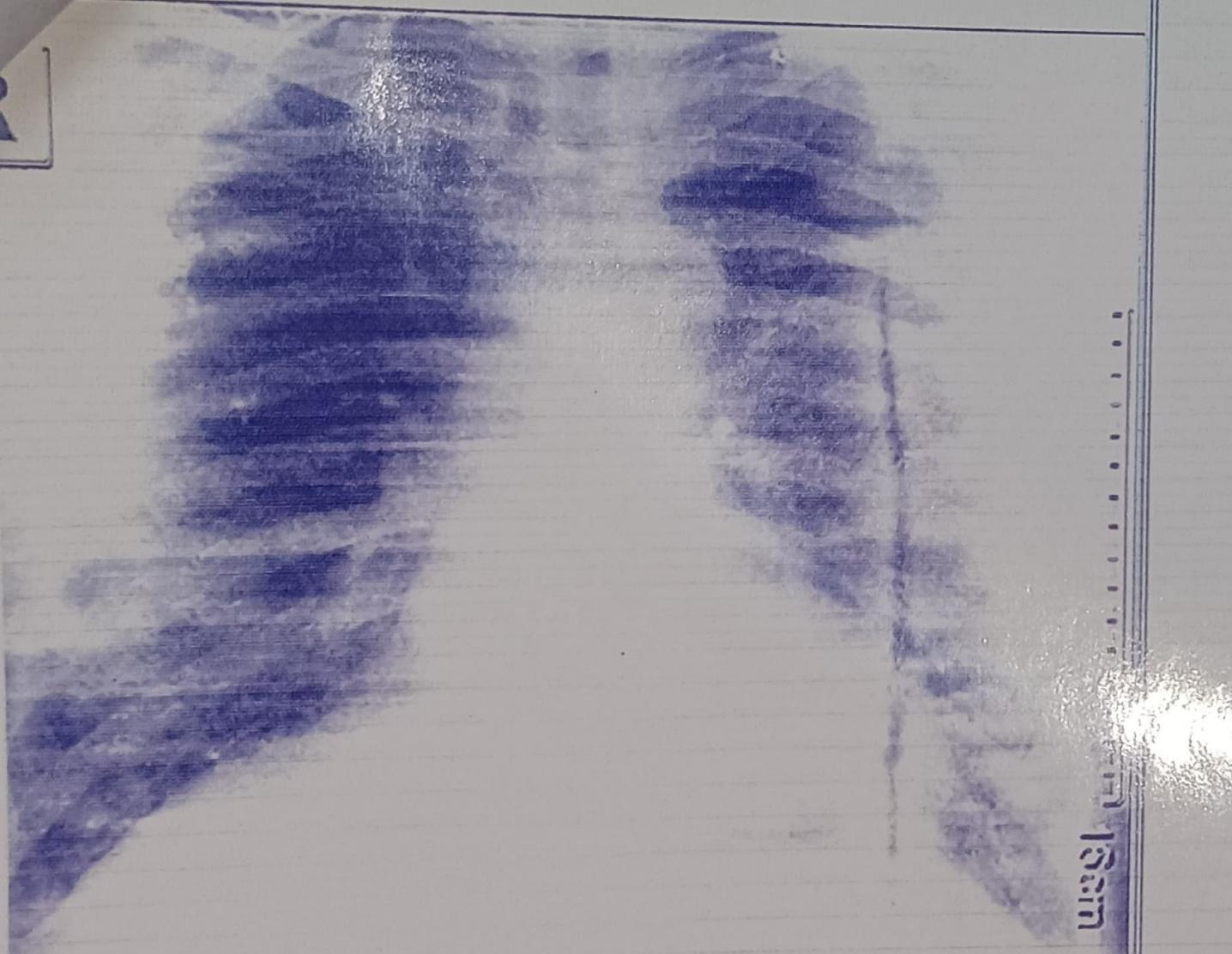


Dr. Deepak Dector
MBBS, APH
Reg. No. 44444



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Acq. Date: 11-Dec-24
Acq. Time: 11:23:24 AM
Exp. Index: 888



CHEST

PA

W: 4096, C: 2048

Scale: 0.13

..... MAYA DIAGNOSTICS

Layout

ReLayout

Delete Page

Deotale Diagnostic Centre (we care)

■ Consultation ■ Diagnostics ■ Health Check- Up ■ Immunization.
Clinic: Vinayak Apt. 3rd floor Dhantoli Lokmat Chowk Nagpur

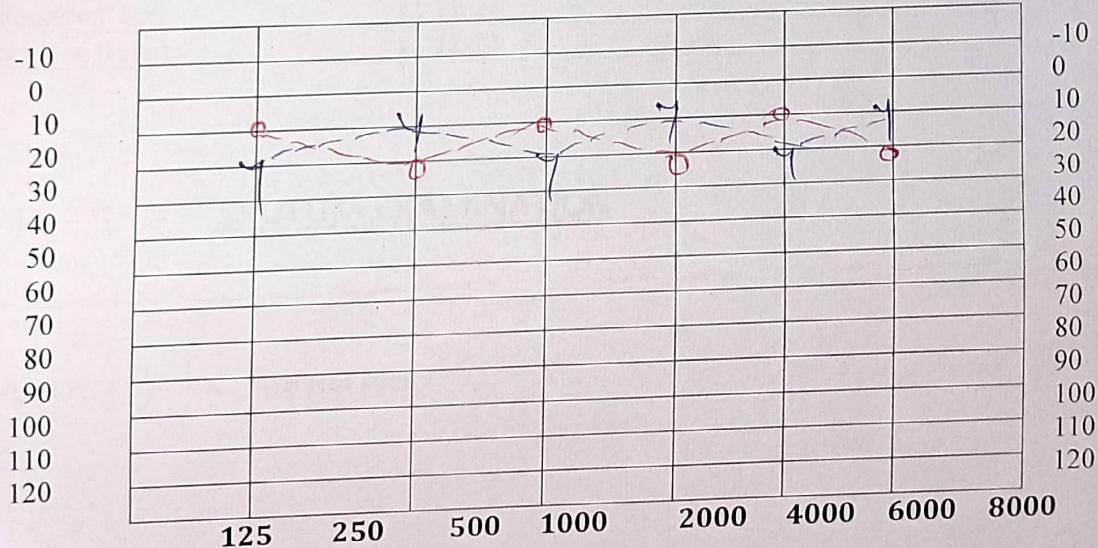
(Clinic Reg. No. 699)

For any assistance call at . 9860204241, 0712-6610595

Date: 11-12-24

AUDIOLOGICAL EVALUATION

1. SR. NO. 4	2. CERTIFICATE NO : 7
3. EMPLOYEES NAME : Ashok Kumar Tiwari Rishi Dev Tiwari	
4. Employee Mob No : 8109339836	
6. SEX : MALE	7. AGE : 52 yrs
8. ADDRESS : PRISM JOHNSON LIMITED, MANKAHARI, PO: BATHIA, TEHSIL: RAMPUR BAGHELAN, DIST: SATNA, PIN:485111 (M.P.)	
9. DIAGNOSIS LT. : WNL	RT. : WNL



TEST FREQUENCY

Air O	= LEFT EAR :	●	WNL
Y	= RIGHT EAR :	●	WNL
Masking			
No Response: Audiologists Remarks			

Dr. DEEPAK P. DEOTALE
M.B.B.S. A.F.I.H.
Reg. No. 48366

Dr. Deepak Deotale
MBBS, AFIH
Reg. No. 48366

Deotale Diagnostic Centre

Consultation Diagnostics Health Check- Ups Immunization.

Clinic: Vinayak Apt. 3rd floor Dhandoli Lokmat Chouk Nagpur

For any assistance call at . 9860204241, 0712-2424868

Email ID : deotaleddeepak19577@gmail.com

Patient Name:	Ashok Kumar Tiwari Rishi Dev Tiwari
Age :	52 yrs.
Gender:	MALE
Req. Doctor:	
Reg . Number:	8109339836
Collection Date:	11-12-24
Reporting Date :	11-12-24

SPUTUM EXAMINATION

ZEIHL NEELSEN STAIN : AFB Not seen

DR .DEEPAK DEVATALE
M.B.B.S A.F.I.H(REG NO.48366)
Dr. Deepak Deotale
MBBS, AFIH
Reg. No. 48366

SR. No.

4

Certificate No.

7

Emp Code

102178



MAYA HOSPITAL & RESEARCH INSTITUTE

Add.: Plot .P 78, Opposite State Bank of India , M.I.D.C.

Butibori (Nagpur)

Ph 07103-684885

Deotale Diagnostic Center We Care

Consultation = Diagnostics = Health = Check-Ups = Immunization

Dr. Deepak P. Deotale
M.B.B.S., A.F.I.H.
(Associated fellow Of industrial health)
Certifying Surgeon Reg .No. 48366
Clinic : Vinayak Apt. 3rd floor Dhantoli,
Lokmat Chowk ,Nagpur (Clinic Reg. No. 699)
Mob. No . 9860204241 /8007771341
Phone No : 0712-2424868
Email Id:deotaleddeepak19577@gmail.com

Name	Ashok Kumar Tiwari Rishi Dev Tiwari
Age	52 YRS.
Gender	MALE
Check Up Date	11-12-24
MOB NO	8109339836
Company Name: PRISM JOHNSON LIMITED, MANKARHARLPO: BATHIA, TEHSIL: RAMPUR BAGHELAK, DIST: SATNA PIN-455111 (M.P.)	

Annexure 11: EMP Expenditure

Environment Management Plan		
1	Air, water, noise Quality monitoring and Protection	1.5
4	Plantation and Greenbelt Development	1.05
6	Professional Fees/NOCs	4.98
	Total	6.03

No.I-11015/8/2000-JA, II (M)
Government of India
Ministry of Environment & Forests

Tele No. 436 4968
Parivarayan Bhawan,
C.G.O. Complex, Lodi Road,
New Delhi - 110 003

Dated February 14, 2001

To

✓ **Shri U.M.Das**
Joint General Manager (Mines),
Prism Cement Ltd.,
Rajdeep, Rewa Road,
Satna, Madhya Pradesh 485 001

Subject: Additional limestone deposit at village Mankhari, Tehsil RAMPUR Dhagelan, District Satna (M.P.) of M/s Prism Cement Ltd.- Environmental clearance req.

Sir,

This has reference to Department of Mines, Government of Madhya Pradesh letter No. D-3932/2019/99/12/2 dated 24.09.1999 and your letter No. MINO107/990668 dated 18.11.1999 and subsequent communications dated the 07.04.2000, 12.06.2000, 20.07.2000, 27.09.2000, 18.10.2000, and 01.01.2001 on the subject mentioned above. The Ministry of Environment and Forests has examined the application. It has been noted that the total applied mining lease area is 66.434 ha. Mining would be carried out in 36.434 ha. No forest land is involved. Targeted production capacity of the mine is 0.3 million tonnes/annum. There are only four land trustees in Manikahari village. Approvals from the M. P. Pollution Control Board and IBM have been obtained. Public hearing was held on 11.10.1999. The proponent has agreed to comply with the recommendations made by the Public Hearing panel.

2. The Ministry of Environment and Forests hereby accords environmental clearance to the additional lime-stone deposit of M/s Prism Cement Ltd. for 0.3 million tonnes/annum production capacity by open cast mechanised method, involving lease area of 66.434 ha under the provisions of the Environmental Impact Assessment Notification, 1994 as amended on 04.05.1994 and 10.04.1997 subject to the compliance of the terms and conditions mentioned below:

A. Specific conditions

- (i) Mining should be carried out 500 m away from the Rewa-Satna railway track.
- (ii) Top soil should be stacked properly with adequate measures at earmarked site. It should be used for reclamation and rehabilitation of mined out area.
- (iii) OB dumps should be stacked at earmarked dump site (a) only on temporary basis. Concurrent backfilling and reclamation should be carried out from the 3rd year of operations.
- (iv) A greenbelt of adequate width by planting the native plant species all around the ML area, roads, OB dump sites etc. should be raised in consultation with local DFO/ Agriculture Department.
- (v) Drills should be operated with dust extractors or only wet drilling should be adopted.
- (vi) Controlled blasting should be carried out.
- (vii) Check dam and siltation ponds of appropriate size should be constructed to arrest silt and sediments flows from OB and mineral dumps. The water so collected should be utilized for watering mine area, roads, greenbelt etc. The drains should be regularly desilted and maintained properly.
- (viii) Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells and constructing new piezometers. Monitoring should be done four times a year - pre-monsoon April / May, monsoon (August), post-monsoon (November) and winter (January). Data thus collected should be sent at regular intervals to MoEF.
- (ix) Crusher should be installed and operated with adequate capacity dedusting arrangement.
- (x) A detailed mine decommissioning plan should be submitted to MoEF 5 years in advance for approval.

B. GENERAL CONDITIONS

- (i) No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment and Forests.

- (ii) No change in the calendar plan including excavation, quantum of limestone, waste/ OB dumps should be made.
- (iii) Four Ambient air quality monitoring stations should be established in the core zone as well as buffer zone for SiPM, RPM, SO₂, NO_x and CO monitoring. Location of the ambient air quality stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board.
- (iv) Data on ambient air quality should be regularly submitted to the Ministry including its Regional Office at Bhopal and the State pollution control Board/ Central pollution Control Board once in six months.
- (v) Adequate measures for control of fugitive emissions should be taken during drilling and blasting operations, loading and transportation of minerals etc.
- (vi) Adequate measures should be taken for control of noise levels below 85 db in the work environment.
- (vii) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
Occupational health surveillance programme of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- (viii) The funds earmarked for Environmental Protection measures should be kept in separate account and not diverted for other purpose. Year-wise expenditure should be reported to the Ministry of Environment & Forests.
- (ix) The Regional Office of this Ministry located at Bhopal shall monitor compliance of the stipulated environmental safeguards. The project authorities should send one set of EIA/EMP report and mining plan (to them and extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data/information/monitoring reports.
- (x) The project authority should inform to the Regional Office located at Bhopal as well as to the Ministry of Environmental & Forests regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.

-4-

(xi) A copy of the clearance letter will be mailed to concerned Panchayat/ local NOO, if any, from whom any suggestion/ representation has been received while processing the proposal.

(xii) State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/ Tehsildar's Office for 30 days.

(xiii) The project authorities should advertise at least in two local newspapers widely circulated around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and may also be seen at web site of the Ministry of Environment & Forests at <http://envfor.nic.in>.

3. The Ministry or any other competent authority may stipulate any further condition for environmental protection.

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

5. The above conditions will be enforced, *inter alia*, under the provisions of water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, Environment (Protection) Act, 1986 and Public Liability Insurance Act, 1991 along with their amendments and rules.


(K. K. Jain)
ADDITIONAL DIRECTOR