



Through – Parivesh Portal

PJL/MIN/CM/2025/84

November 28, 2025



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

Subject: - Submission of Six-Monthly Compliance Report for Environmental Clearance Chulhi Majhiyar Limestone Mine (176.619 ha), M/s Prism Johnson Ltd., Villages Chulhi & Majhiyar, Tehsil Kotar, District Satna, Madhya Pradesh

Reference: Environmental Clearance Letter No. J-11015/86/2018-IA.II (M), dated 26th July 2021

Dear Sir,

With reference to the above subject and the Environmental Clearance granted vide your letter no. J-11015/86/2018-IA. II (M), dated 26th July 2021, we are pleased to submit the six-monthly compliance report for the period April 2025 to September 2025 for the limestone deposit located at Villages Chulhi & Majhiyar, Tehsil Kotar, District Satna, Madhya Pradesh.

The compliance report has been prepared as per the conditions stipulated in the environmental clearance. All necessary enclosures and supporting documents are included for your kind review.

We trust that the report fulfils the required criteria and is in order.

Yours sincerely,
For Prism Johnson Limited


Chandra Shekhar Pandit

Sr. GM-Mines & Project Proponent

Enclosures: As stated 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)

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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
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CIN: L26942TG1992PLC014033



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

Of

Production of limestone mine with 3.0 million TPA Limestone production capacity and 1.135 million TPA overburden including soil (Total Excavation 4.135 million TPA) in the mean lease area of 176.619 ha

at

In village Chulhi & Majhiyar, Tehsil Kotar, dist. Satna (M.P.)

By



M/s Prism Johnson Ltd.

MoEFcc vide letter no. J - 11015 / 86 / 2018 - IA. II (M) Dated 26th July 2021

Production of limestone mine with 3.0 million TPA Limestone production capacity and 1.135 million TPA overburden including soil (Total Excavation 4.135 million TPA) in the mean lease area of 176.619 hain village Chulhi & Majhiyar, Tehsil Kotar, District Satna, Madhya Pradesh

Compliance Report (April 2025 to September 2025)

Point-wise compliance stipulated in the Environment Clearance is given under

S.No.	Conditions	Compliance Status
A	Specific Conditions	
1	The budget of Rs 1.65 Crores to address the concerns raised by the public including in the public hearing to be completed within 3 years from the date of start of mining operations.	Time bound Action Plan has been sent to the MoEFCC vide letter PJL/MIN/C&M/2022-01A dated 14/03/22 . A copy of the same is attached as Annexure 1 .
2	The Project Proponent shall undertake the plantation in peripheral zone and ensure that the plantation in peripheral zone and plantation along haul roads should be completed within 3 years from the date of commencement of mining operations with at least 90% survival rate. Causalities of the previous year should be replaced other than the saplings proposed to be planted every year. PP shall provide tree guard to maintain the early stages of plant growth.	Plantation in the peripheral zone and along haul roads has been carried out as per the schedule. A minimum 90% survival rate is being maintained through regular monitoring, and all yearly casualties are being replaced in addition to the planned plantation targets. Tree guards are provided to protect saplings during early growth stages. Photographs are enclosed as Annexure 2
3	The Project Proponent shall strictly adhere that the transport of limestone shall be from 8 AM to 8 PM with 25 Ton Tipper with maximum speed of 20 km/hr on public road.	Agreed.
4	The Project Proponent shall implement the Rehabilitation of project affected families (PAFs) and payment of compensation to PAFs as per the policy and guidelines of the Central/State Government, as provided under the law.	Agreed. Compensation to the Project Affected Families (PAFs) will be as per the policy and guidelines of the Government of Madhya Pradesh and the Madhya Pradesh Land Revenue Code, 1959.
5	The Project Proponent should undertake regular monitoring of ground water level and surface water quality and take preventive measures for protection of water bodies within the lease area as well as nearby the mines.	Regular monitoring of groundwater levels and surface water quality is being carried out. The reports are attached as Annexure 3A and Annexure 3B , respectively. A safety barrier of 50 m has been maintained from the water bodies within the mining lease boundary.
6	The Project Proponent shall conduct the detailed hydrogeological study and obtain the NOC/permission from CGWA before intersection of ground water table. The mining operations shall be restricted to above ground water table and it should not intersect the ground water table till obtain the NCDC from the CCWA.	A detailed Comprehensive Hydrological Study has been conducted and a NOC from CGWA has been obtained for a fresh water abstraction of 3 m ³ / day and dewatering capacity of 300 m ³ /day vide Application No. 21-4/1084/MP/MIN/2021 valid from 23/03/24 to 22/03/26 . A copy of the same is attached as Annexure 4 .
7	The Project Proponent shall provide the fresh gas connection to 245 households and 2 no of cylinders per annum.	Considered in Time bound Action Plan regarding the same has been sent to the MoEFCC vide letter PJL/MIN/CM/2022- 01A dated 14/03/22. A copy of the same is attached as Annexure 5 .
8	The Project Proponent shall obtain the NOC from CGWA for intersection of ground water table.	NOC from CGWA has been obtained for a fresh water abstraction of 3 m ³ / day and dewatering

Production of limestone mine with 3.0 million TPA Limestone production capacity and 1.135 million TPA overburden including soil (Total Excavation 4.135 million TPA) in the mean lease area of 176.619 hain village Chulhi & Majhiyar, Tehsil Kotar, District Satna, Madhya Pradesh

Compliance Report (April 2025 to September 2025)

		capacity of 300 m ³ /day vide Application No. 21-4/1084/MP/MIN/2021 valid from 23/03/24 to 22/03/26. A copy of the same is attached as Annexure 6 .
9	The topsoil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.	The top soil will be stacked at earmarked location as per the approved mining plan which will then be used for plantation and reclamation purpose.
10	Regular surveillance on Silicosis shall be carried through regular occupational health checkup of 1/3 of the persons every year.	Occupational health check-ups for the employees and workers are being carried out. The reports have been attached as Annexure 7

B.	Standard Conditions	
I	Statutory compliance	
1	This Environmental Clearance (EC) is subject to orders/ judgment of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, Common Cause Conditions as may be applicable.	Agreed.
2	The Project proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors before commencing the mining operations.	Agreed
3	The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgement of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.	Agreed.
4	The Project Proponent shall follow the mitigation measures provided in MoEFCC, Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014, Titled, "Impact of mining activities on Habitations-Issues related to the mining Projects where Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".	Agreed.
5	A copy of EC letter will be marked to concerned Panchayat / local NGO etc. If any, from whom suggestion / representation has been received while processing the proposal.	A copy of the EC letter has been sent to the Concerned Panchayat. Annexure 8
6	State Pollution Control Board/Committee shall be responsible for display of this EC letter at its regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.	Agreed.

7	The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/Committee and website of the Ministry of Environment, Forest and Climate Change (www.parivesh.com). The advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.	The grant of EC was advertised in two local newspapers namely Star Samachar and Dainik Bhaskar both on date 31st July, 2021 . A copy of the same is attached as Annexure 9 .
8	The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred. PP needs to apply for transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.	Agreed. Any change in ownership or transfer of the mining lease will be informed to MoEF&CC, and the application for transfer of EC will be submitted as per Para 11 of the EIA Notification, 2006 (as amended).
II	Air quality monitoring and preservation	
9	The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, NO ₂ , CO and SO ₂ etc. as per the methodology mentioned in NAAQS Notification No. 8-29016/20/90/PCI/I dated 18.11.2009 covering the aspects of Mining plan and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main gate of mine site.	Online Ambient Air Quality Monitoring Stations are being installed as per long-term wind data and NAAQS guidelines. Monitoring of key parameters (PM ₁₀ , PM _{2.5} , NO ₂ , CO, SO ₂ , etc.) is being carried out, along with ambient air quality monitoring at important site locations such as the office and canteen. The real-time digital display board will be installed at the mine's main gate within the stipulated 3 months. Ambient air quality monitoring reports, are enclosed as Annexures 10
10	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM-10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/ machineries and preventive maintenance. Use of suitable water -soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the Generals prescribed by the MoEFCC/ Central Pollution Control Board.	Effective dust control measures are being implemented in all areas prone to air pollution, including haul roads, loading/unloading points, and transfer points. Regular water sprinkling, metalled road construction, and other dust-suppression practices are being carried out. Fugitive dust emissions from all sources are being minimized through appropriate equipment, machinery, and preventive maintenance. Fugitive dust emission monitoring report, are enclosed as Annexures 11

Production of limestone mine with 3.0 million TPA Limestone production capacity and 1.135 million TPA overburden including soil (Total Excavation 4.135 million TPA) in the mean lease area of 176.619 hain village Chulhi & Majhiyar, Tehsil Kotar, District Satna, Madhya Pradesh

Compliance Report (April 2025 to September 2025)

III.	Water quality monitoring and preservation	
11	In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEFCC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.	NOC from CGWA has been obtained for a fresh water abstraction of 3 m ³ / day and dewatering capacity of 300 m ³ /day vide Application No. 21-4/1084/MP/MIN/2021 valid from 23/03/24 to 22/03/26. A copy of the same is attached as Annexure 12 .
12	Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo -meter installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six- monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.	The Project Proponent is regularly monitoring groundwater levels and quality in and around the mining lease area through a network of existing wells and newly installed piezometers, in consultation with the CGWA and SGWD. Records of all monitoring activities are being properly maintained. Groundwater level monitoring report are enclosed as Annexure 13 A and Ground water quality monitoring report are enclosed a Annexure 13 B
13	The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease including upstream and downstream. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. The parameters to be monitored shall include their water quality vis-a-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre monsoon (April May), monsoon (August), post monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.	Quarterly monitoring of surface water quality is being undertaken in year and concerned parameters is monitored and records of monitoring is maintained. Records of the monitored data is being sent to concerned authorities on six monthly bases. A copy of the same is attached as Annexure 14

14	Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO) pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board at a suitable location near the main gate of the Company. The circular No. J 20012/1/2006/IA. II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change, may also be referred in this regard.	Concerned parameters is being monitored regularly and monitored records is being uploaded on the company website.
15	Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEFCC annually.	Rainwater harvesting structures is being built to augment groundwater resources in the area. Photographs of rain water harvesting is enclosed as Annexure 15
16	Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified Generals prescribed from time to time. The Generals shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.	There will not be any waste water generation due to mining activities. The rainwater runoff from the dumps is being/ will be channeled through garland drains and treated by settling pond. Thus, treated water is being/ shall be used for dust suppression and irrigation purposes for the plantation fulfilling the zero-discharge system. CTO issued by SPCB (Consent no. AW-60449 , valid upto 30/9/2028 is enclosed as annexure 16 A and Photograph of garland drain are enclosed as Annexure 16 B
17	The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of MoEF&CC and State Pollution Control Board/Committee.	A detailed Comprehensive Hydrological Study has been conducted and a NOC from CGWA has been obtained for a fresh water abstraction of 3 m ³ / day and dewatering capacity of 300 m ³ /day vide NOC no. Application No. 21-4/1084/MP/MIN/2021 valid from 23/03/24 to 22/03/26.
IV.	Noise and vibration monitoring and prevention	
18	The peak particle velocity at 500 m distance or within the nearest habitation whichever is closer shall be monitored periodically as per applicable DGMS guidelines.	Agreed. Currently, there is no production in the Chulhi & Majhiyar Mine.

19	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day /night hours.	<p>Agreed</p> <p>Noise level monitoring is being done regularly which show that all the ambient noise levels (both, at day and night) are well within the prescribed limits of CPCB guidelines. A copy of the same is attached as Annexure 17.</p>																														
20	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personnel/ laborers are working without personal protective equipment.	<p>Agreed.</p> <p>Measures like, HEMM fitted with silencer, controlled blasting, proper maintenance of HEMM are being taken. All the personnel working within dusty areas and with heavy machinery at the mines site are being/ shall be provided with protective equipment, along with adequate training and health awareness.</p> <table border="1"> <thead> <tr> <th colspan="3">Total PPEs for Mines from April 2025 – Sep 2025</th></tr> <tr> <th>Material</th><th>Qty.</th><th>Total Amount</th></tr> </thead> <tbody> <tr> <td>Dust Mask</td><td>85</td><td>1332</td></tr> <tr> <td>Google Safety Glass PVC.</td><td>23</td><td>1651</td></tr> <tr> <td>Hand Gloves</td><td>60</td><td>2821</td></tr> <tr> <td>Helmet Industrial Safety</td><td>20</td><td>3450</td></tr> <tr> <td>Jacket fluorescent High Visibility Wear</td><td>90</td><td>12,382</td></tr> <tr> <td>Plug Ear muff</td><td>35</td><td>1100</td></tr> <tr> <td>Safety Shoes</td><td>175</td><td>1,78,150</td></tr> <tr> <td>TOTAL</td><td>1285</td><td>2,00,886</td></tr> </tbody> </table>	Total PPEs for Mines from April 2025 – Sep 2025			Material	Qty.	Total Amount	Dust Mask	85	1332	Google Safety Glass PVC.	23	1651	Hand Gloves	60	2821	Helmet Industrial Safety	20	3450	Jacket fluorescent High Visibility Wear	90	12,382	Plug Ear muff	35	1100	Safety Shoes	175	1,78,150	TOTAL	1285	2,00,886
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V.	Mining plan																															

21	The Project Proponent shall adhere to approved mining plan, including, total excavation (quantum of mineral, waste, over burden, inter burden and top soil etc.); mining technology; lease area; scope of working (method of mining, overburden & dump management, OB& dump mining, mineral Mining plan mode, ultimate depth of mining, concurrent reclamation and reclamation at mine closure; land use of the mine lease area at various stages of mining scheme as well as at the end of life; etc.).	Development and production of the mine is being done as per approved mining plan.
22	The land-use of the mine lease area at various stages of mining scheme as well as at the end-of -life shall be governed as per the approved Mining Plan. The excavation vis-a-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half yearly to the MoEFCC and its concerned Regional Office.	Land use is being done as per approved mining plan and the compliance status is being/ shall be submitted on half yearly basis to concerned office.
VI.	Land reclamation	
23	The Overburden (O.B.), waste and topsoil generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB / waste dumps / topsoil dump like height, width and angle of slope shall be governed as per the approved Mining Plan and the guidelines/circulars issued by D.G.M.S. The topsoil shall be used for land reclamation and plantation.	Development of the mine is being as per the approved mining plan. The top soil is being stacked separately and is being used for land reclamation and plantation only.
24	The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/ compactors thereby ensuring proper filling/ leveling of dump mass. In critical areas, use of geo textiles/ geo-membranes / clay liners / Bentonite etc. shall be undertaken for stabilization of the dump.	Agreed. It will be done as and when required.

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Compliance Report (April 2025 to September 2025)

25	Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/ River/ Pond etc.). The collected water should be utilized for watering the mine area, roads, Greenbelt development, plantation etc. The drains/ sedimentation sumps etc. shall be silted regularly, particularly after monsoon season, and maintained properly.	Agreed. Catch drains and Siltation Pond of appropriate size is being constructed.
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26	Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments/ silt material. The sedimentation pits/ sumps shall be constructed at the corners of the garland drains.	Agreed. Will be done as and when required.
VII.	Transportation	
27	No transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Mining plan of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to Mining plan load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers. [If applicable in case of road transport].	The PP confirms that no mineral transportation will occur through village/habitation roads. Road transport of minerals will be undertaken only after required strengthening to enhance load-bearing capacity. Fugitive emissions will be controlled through regular water sprinkling, speed regulation, and covered transport. All vehicles will be emission-compliant and will maintain valid PUC certificates.
28	The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipment like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while Mining plan. PP shall take necessary measures to avoid generation of fugitive dust emissions.	Water sprinkling is being done by water tankers. There are no crushers, belt conveyors located at the mine site.

VIII.	Greenbelt	
29	The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Greenbelt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.	Agreed. Plantation is being done as per the condition mentioned.
30	The Project Proponent shall carryout plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/ Tribal Welfare Department/ Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.	Agreed. Plantation is being done as per the condition mentioned.
31	The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide midday shelter from the scorching sun, should be scrupulously guarded/ protected against felling and plantation of such trees should be promoted.	There are no grazing lands in the mining lease.
IX.	Public hearing and human health issues	
32	Project Proponent shall make provision for the housing for workers/labors or shall construct labor camps within/outside (company owned land) with necessary basic infrastructure/ facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic waste water should be treated with STP in order to avoid contamination of underground water.	Workers employed in the mine are local residents, and other employees are provided with accommodation in the company township.
X.	Corporate Environment Responsibility (CER)	

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Compliance Report (April 2025 to September 2025)

33	The Project Proponent shall submit the time bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017- IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.	Time bound Action Plan has been sent to the MoEFCC vide letter PJL/MIN/C&M/2022-01A dated 14/03/22. A copy of the same is attached as Annexure 18 .
XI.	Miscellaneous	
34	The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF&CC.	Digital map report is carried out and attached as Annexure 19
35	The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Intimation to RCOM, Indian Bureau of Mines vide letter MIN/PJL/2021/210300 dated 07/12/21 has been attached as annexure 20 A . Consent to Operate from MPPCB has been obtained vide Consent no. AW- 60449 and Outward no.: 120623,15/06/2024 has been attached as annexure 20 B & a copy of Permission under 106(2(b) from DGMS vide letter NO:362639/NZ/Jabalpur Region/Perm/2024/271289, Dhanbad, Date: 9/03/2025 has been attached as annexure 20 C
36	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC and its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.	The Project Proponent has submitted the latest six-monthly compliance report for the period October 2024 to March 2025 to the MoEF&CC, its Regional Office, CPCB, and SPCB as required. The previous submitted compliance report receipt is enclosed as Annexure 21
37	A separate 'Environmental Management Cell' with suitable qualified manpower should be set-up under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEFCC.	A separate Environment Management Cell structure is set-up. A copy of the same is attached as Annexure 22 .

38	The concerned Regional Office of the MoEFCC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEFCC officer(s) by furnishing the requisite data / information / monitoring reports.	Agreed.
39	In pursuant to Ministry's O.M No 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Hon'ble Supreme Court on 8.01.2020 in W.P. (Civil) No 114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake regrassing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.	Proper mine closure plan will be prepared and approved 12 months before the closure of the mine encompassing all the conditions stipulated and the work will be carried out as per the approved mine closure plan.
40	The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Agreed.
41	Concealing factual data failure to comply with any or submission of false/ fabricated data and of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed.

mean lease area of 176.619 hain village Chulhi & Majhiyar, Tehsil Kotar, District Satna, Madhya Pradesh

Annexure 1: Time bound action plan



PJL/MIN/C&M/2022-01A

दूर की सोच
Date: 14/03/22

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

Sub: Time Bound Action Plan of Corporate Environment Responsibility under Environmental Clearance over 176.619 ha area in Chulhi & Majhiyar Limestone Mines of M/s Prism Johnson Ltd.

Ref:- Letter no. J-11015/86/2018-IA.II (M) dated 26/07/21- grant of EC.

Dear Sir,

This is in reference to the aforesaid subject and referred letter; we are enclosing herewith the Time Bound Action Plan for the Standard Condition point no. X, Corporate Environment Responsibility, of the Environmental Clearance over 176.619 ha area at Villages Chulhi & Majhiyar, Tehsil Kotar, District Satna (M.P.) of M/s Prism Johnson Ltd. (Formerly Prism Cement Ltd.) Satna (M.P.).

For your kind information please.

Thanking you,

Yours faithfully,

For, Prism Johnson Limited

Authorised Signatory
A.V.P Mines
Prism Johnson Limited

15/3/22
RECEIVED
एकीकृत क्षेत्रीय कार्यालय/Integrated Regional Office
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय,
Ministry of Environment, Forest & Climate Change,
भारत सरकार, भोपाल/Govt. of India, Bhopal
भोपाल/BHOPAL 462016 (M.P.)

PRISM JOHNSON LIMITED
(Cement Division)



Works Village Mankhani, 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

Action Plan for Public Hearing Commitments- 176.619 Ha lease at Villages Chulhi & Majhiyar, Tehsil Kotar, District Satna, Madhya Pradesh						
S. No.	Activities	Budget in (Lakh)	Action plan			
			1 st Year	2 nd Year	3 rd year	
1	6 Computers, 6 Nos. Smart boards, wifi facility and water coolers (6) & RO (6) will be provided in School at Villages Chulhi, Majhiyar & Malgaon.	15	2 nos. Computers 2 no. Smart Board Wi-fi	2 nos. Computers 2 no. Smart Board	2 nos. Computers 2 no. Smart Board	
			2 no. water cooler 2 no. RO	2 no. water cooler 2 no. RO	2 no. water cooler 2 no. RO	
2	Furniture (table & Chair) for 200 students from Class 1 to 8 in school at Villages Chulhi, Majhiyar and Malgaon	10	3	3	4	
3	Skill development training center	15	4	5	6	
4	Mobile Health Van for Chulhi/ Majhiyar & Malgaon Village	13	13			
5	Drinking Water facility in Villages Chulhi, Majhiyar & Malgaon. (3 Nos Bore 3 Nos Hand pump) and pipeline will be provided	35	1 no. bore well 1 no. hand pump	1 no. bore well 1 no. hand pump	1 no. bore well 1 no. hand pump	
6	Construction of Drainage system in Chulhi Village	13	13			
7	Construction of Toilets (40 numbers)	2	20 no.s	10 no.s	10 no.s	
8	Playground at Village Majhiyar and Hinoti	20	2			
9	Road repairing from Village Chulhito Nai Basti.	3	0	20	0	
10	Solar lights at Villages Chulhi, Majhiyar & Malgaon	10	1	1	1	
11	Plantation in Primary School at Adiwasi Basti and government school at Majhiyar & Malgaon along with road (Total plantation 30000)	5	10,000 nos	10,000 nos	10,000 nos	
12	Construction of Waiting hall at Majhiyar mod at village Majhiyar	4	0	5	0	
13	Boundary wall at Govt. Primary School, Adiwasi Basti, Chulhi	10	0	4	0	
14	Ground Water Conservation & Water Harvesting Structures	2	3	3	4	
15	Gas Connection to 245 houses of villages	8	3	3	2	
Total		165				

Annexure 2: Photograph of tree plantation





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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)**

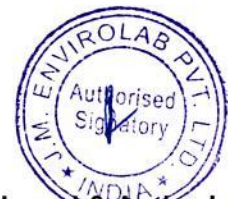
Sample collected by: **JMEPL Team**

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

Page No.1 of 1

Abhishek Tiwari
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Abhishek Tiwari

Reviewed & Authorized by
Reshmi Kumar Yadav

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End of Report



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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**

Date of Reporting: **03/10/2025**

Sample Description: **Ground Water Level Monitoring**

Receipt Date: **29/09/2025**

Client Representative **Mr. Sumitabh Dwivedi**
(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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****End of Report****



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TEST REPORT

Sample Number: **JME/PJCL/SW/03**
 Name & Address of Unit: **M/s. Prism Johnson Limited**
Chuli- Majhiyar Limestone Mine. 176.619 ha, Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh
 Sample Description: **Surface Water**
 Sampling Location: **Chuli-Majhiyar Limestone Mine 176.619 Ha-Pit Water**
 Client Representative (Name & Designation): **Mr. Sumitabh Dwivedi**
(Assistant General Manager- Environment)
 Sample collected by: **JMELPL Team**
 Parameter Required: **As per work order**
 Latitude: **--**
 Longitude: **--**
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/W/250616003**
 Format No.: **7.8 F-01**
 Party Reference: **NIL**
 Reporting Date: **20/06/2025**
 Analysis Completion Date: **20/06/2025**
 Analysis Start Date: **16/06/2025**
 Receipt Date: **16/06/2025**
 Sampling Date: **14/06/2025**
 Sampling Type: **Grab**
 Preservation: **Refrigerated**
 Packing Status: **Temporary Sealed**
 Environmental Condition During Sampling: **Temp. 40°C; Cloudy Sky**
 Sample Quantity: **Approx. 5.0 Litre**

TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.52
2.	Colour	IS:3025 (Part-4)	Hazen	BDL (DL 1.0)
3.	Turbidity	IS:3025 (Part-10)	NTU	BDL(DL 1.0)
4.	Odour	IS:3025 (Part-5)	-	Agreeable
5.	Total Hardness as CaCO ₃	IS:3025 (Part-21)	mg/l	238.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	57.39
7.	Alkalinity as CaCO ₃	IS:3025 (Part-23)	mg/l	198.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	14.28
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	23.06
12.	Total Dissolved Solids	IS:3025 (Part-16)	mg/l	388.0
13.	Sulphate as SO ₄	APHA 23rd Edition, 4500-SO ₄ -C/D/E	mg/l	92.55
14.	Fluoride as F	APHA 23rd Edition, 4500-F- D	mg/l	0.92
15.	Nitrate as NO ₃	IS:3025 (Part-34)	mg/l	0.64
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

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Abhishek Tiwari

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Rajkumar Yadav

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TEST REPORT

Sample Number: JME/PJCL/SW/03

Report No.: JME/SW/250616003

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	3.5
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	2.6
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	9.0
33.	Sodium as Na	IS:3025 (Part-45)	mg/l	25.0
34.	Potassium as K	IS:3025 (Part-45)	mg/l	6.0
35.	Conductivity	IS:3025 (Part-14)	µs/cm	597.0
36.	Nickel as Ni	IS:3025 (Part-54)	mg/l	BDL (DL 0.005)
37.	Dissolve Oxygen	IS:3025 (Part-54)	mg/l	8.1

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

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TEST REPORT

Sample Number:	JME/PJCL/SW/04	Report No.:	JME/W/250616004
Name & Address of Unit:	M/s. Prism Johnson Limited Chuli- Majhiyar Limestone Mine. 176.619 ha, Village- Chulhi and Majhiyar, Tehsil – Kotar, Distt- Satna, Madhya Pradesh	Format No.:	7.8 F-01
		Party Reference:	NIL
Sample Description:	Surface Water	Reporting Date:	20/06/2025
Sampling Location:	Chuli Majhiyar Mines Area 176.619 Ha - Discharge Water	Analysis Completion Date:	20/06/2025
Client Representative (Name & Designation):	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Analysis Start Date:	16/06/2025
Sample collected by:	JMELPL Team	Receipt Date:	16/06/2025
Parameter Required:	As per work order	Sampling Date:	14/06/2025
Latitude:	--	Sampling Type:	Grab
Longitude:	--	Preservation:	Refrigerated
Sampling Protocol:	JMELPL/STOP/04	Packing Status:	Temporary Sealed
		Environmental Condition During Sampling:	Temp. 40°C; Cloudy Sky
		Sample Quantity:	Approx. 5.0 Litre

TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.69
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	245.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	52.49
7.	Alkalinity as CaCO ₃	IS:3025 (Part-23)	mg/l	206.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	20.52
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	27.73
12.	Total Dissolved Solids	IS:3025 (Part-16)	mg/l	382.0
13.	Sulphate as SO ₄	APHA 23rd Edition, 4500-SO ₄ -C/D/E	mg/l	80.55
14.	Fluoride as F	APHA 23rd Edition, 4500-F- D	mg/l	0.81
15.	Nitrate as NO ₃	IS:3025 (Part-34)	mg/l	0.55
16.	Iron as Fe	IS:3025 (Part-53)	mg/l	0.06
17.	Aluminium	IS:3025 (Part-55)	mg/l	BDL (DL 0.03)
18.	Boron	IS:3025 (Part-57)	mg/l	BDL (DL 0.20)
19.	Phenolic Compounds	APHA 23rd edition 5540-Phenol-C/D	mg/l	BDL (DL 0.001)
20.	Anionic Detergents as MBAS	APHA 23rd Edition, 5540-C	mg/l	BDL (DL 0.02)
21.	Hexa Chromium as Cr+6	IS:3025 (Part-52)	mg/l	BDL (DL 0.03)
22.	Zinc as Zn	IS:3025 (Part-49)	mg/l	BDL (DL 0.0005)
23.	Copper as Cu	IS:3025 (Part-42)	mg/l	BDL (DL 0.02)

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TC-6821

TEST REPORT

Sample Number: **JME/PJCL/SW/04**Report No.: **JME/SW/250616004**

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	5.2
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	2.9
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	10.0
33.	Sodium as Na	IS:3025 (Part-45)	mg/l	25.0
34.	Potassium as K	IS:3025 (Part-45)	mg/l	6.0
35.	Conductivity	IS:3025 (Part-14)	µs/cm	589.0
36.	Nickel as Ni	IS:3025 (Part-54)	mg/l	BDL (DL 0.005)
37.	Dissolve Oxygen	IS:3025 (Part-54)	mg/l	7.8

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

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Corporate Office

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

****End of Report****



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

J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC065756



TC-6821

TEST REPORT

Sample Number: **JME/PJCL/SW/03**
 Name & Address of Unit: **M/s. Prism Johnson Limited**
Chuli- Majhiyar Limestone Mine. 176.619 ha, Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh
 Sample Description: **Surface Water**
 Sampling Location: **Chuli-Majhiyar Limestone Mine 176.619 Ha-Pit Water**
 Client Representative (Name & Designation): **Mr. Sumitabh Dwivedi**
(Assistant General Manager- Environment)
 Sample collected by: **JMELPL Team**
 Parameter Required: **As per work order**
 Latitude: **-**
 Longitude: **-**
 Sampling Protocol: **JMELPL/STOP/04**

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

TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.68
2.	Colour	IS:3025 (Part-4)	Hazen	BDL (DL 1.0)
3.	Turbidity	IS:3025 (Part-10)	NTU	BDL(DL 1.0)
4.	Odour	IS:3025 (Part-5)	-	Agreeable
5.	Total Hardness as CaCO ₃	IS:3025 (Part-21)	mg/l	249.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	61.34
7.	Alkalinity as CaCO ₃	IS:3025 (Part-23)	mg/l	205.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	16.82
9.	Residual Chlorine	IS:3025 (Part-26)	mg/l	BDL (DL 0.2)
10.	Cyanide	IS:3025 (Part-27) sec 1	mg/l	BDL (DL 0.02)
11.	Magnesium as Mg	IS:3025 (Part-46)	mg/l	23.34
12.	Total Dissolved Solid	IS:3025 (Part-16)	mg/l	397.0
13.	Sulphate as SO ₄	APHA 24th Edition, 4500-SO ₄ -E	mg/l	97.36
14.	Fluoride as F	APHA 24th Edition, 4500-F- D	mg/l	0.83
15.	Nitrate Nitrogen as NO ₃	IS:3025 (Part-34) sec 1: Para 6.3, Cadmium reduction method	mg/l	0.75
16.	Iron	IS:3025 (Part-53)	mg/l	BDL (DL 0.02)
17.	Aluminium	IS:3025 (Part-55)	mg/l	BDL (DL 0.03)
18.	Boron as B	IS:3025 (Part-57)	mg/l	BDL (DL 0.2)
19.	Phenols	APHA 24th Edition 5530-Phenol-D, Direct Photometric	mg/l	BDL (DL 0.001)
20.	Anionic Surfactant	APHA 24th Edition, 5540-C	mg/l	BDL (DL 0.02)
21.	Hexa Chromium as Cr+6	IS:3025 (Part-52)	mg/l	BDL (DL 0.03)
22.	Zinc	IS:3025 (Part-49)	mg/l	BDL (DL 0.1)
23.	Copper	IS:3025 (Part-42)	mg/l	BDL (DL 0.02)

Srishti
 Checked by
 Srishti Mehta

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

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CIN No. :U74220HR2011PTC086766

J.M. ENVIROLAB PVT. LTD.



TC-6821

TEST REPORT

Sample Number: **JME/PJCL/SW/03**

Report No.: **JME/SW/250923004**

S. No.	Parameters	Testing Protocol	Unit	Result
24.	Manganese	IS:3025 (Part-59)	mg/l	BDL (DL 0.08)
25.	Lead	IS:3025 (Part-47)	mg/l	BDL (DL 0.008)
26.	Selenium	IS:3025 (Part-56)	mg/l	BDL (DL 0.005)
27.	Arsenic	IS:3025 (Part-37)	mg/l	BDL (DL 0.002)
28.	Mercury	IS:3025 (Part-48)	mg/l	BDL (DL 0.001)
29.	Phosphate	APHA 24th Edition, 4500-P-C/D	mg/l	BDL (DL 0.02)
30.	Total Suspended Solid	IS:3025 (Part-17)	mg/l	5.1
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	2.3
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	8.0
33.	Sodium	IS:3025 (Part-45)	mg/l	20.0
34.	Potassium	IS:3025 (Part-45)	mg/l	3.0
35.	Conductivity	APHA 24th Edition, 2510 B	µs/cm	610.0
36.	Nickel	IS:3025 (Part-54)	mg/l	BDL (DL 0.005)
37.	Dissolve Oxygen	IS:3025 (Part-38)	mg/l	6.5

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

Page No. 2 of 2

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J.M. ENVIROLAB PVT. LTD.

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TC-6821

TEST REPORT

Sample Number:	JME/PJCL/SW/04	Report No.:	JME/SW/250923008
Name & Address of Unit:	M/s. Prism Johnson Limited Chuli- Majhiyar Limestone Mine. 176.619 ha, Village- Chulhi and Majhiyar, Tehsil – Kotar, Distt- Satna, Madhya Pradesh	Format No.:	7.8 F-01
Sample Description:	Surface Water	Party Reference:	NIL
Sampling Location:	Chuli Majhiyar Mines Area 176.619 Ha - Discharge Water	Reporting Date:	30/09/2025
Client Representative (Name & Designation):	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Analysis Completion Date:	30/09/2025
Sample collected by:	JMELPL Team	Analysis Start Date:	23/09/2025
Parameter Required:	As per work order	Receipt Date:	23/09/2025
Latitude:	-	Sampling Date:	22/09/2025
Longitude:	-	Sampling Type:	Grab
Sampling Protocol:	JMELPL/STOP/04	Preservation:	Refrigerated
		Packing Status:	Temporary Sealed
		Environmental Condition During Sampling:	Temp. 30°C; Clear Sky
		Sample Quantity:	Approx. 5.0 Litre

TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.73
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	251.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	55.82
7.	Alkalinity as CaCO ₃	IS:3025 (Part-23)	mg/l	210.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	25.34
9.	Residual Chlorine	IS:3025 (Part-26)	mg/l	BDL (DL 0.2)
10.	Cyanide	IS:3025 (Part-27) sec 1	mg/l	BDL (DL 0.02)
11.	Magnesium as Mg	IS:3025 (Part-46)	mg/l	27.17
12.	Total Dissolved Solid	IS:3025 (Part-16)	mg/l	388.0
13.	Sulphate as SO ₄	APHA 24th Edition, 4500-SO ₄ -E	mg/l	86.26
14.	Fluoride as F	APHA 24th Edition, 4500-F- D	mg/l	0.89
15.	Nitrate Nitrogen as NO ₃	IS:3025 (Part-34) sec 1: Para 6.3, Cadmium reduction method	mg/l	0.49
16.	Iron	IS:3025 (Part-53)	mg/l	0.08
17.	Aluminium	IS:3025 (Part-55)	mg/l	BDL (DL 0.03)
18.	Boron as B	IS:3025 (Part-57)	mg/l	BDL (DL 0.2)
19.	Phenols	APHA 24th Edition 5530-Phenol-D, Direct Photometric	mg/l	BDL (DL 0.001)
20.	Anionic Surfactant	APHA 24th Edition, 5540-C	mg/l	BDL (DL 0.02)
21.	Hexa Chromium as Cr+6	IS:3025 (Part-52)	mg/l	BDL (DL 0.03)
22.	Zinc	IS:3025 (Part-49)	mg/l	BDL (DL 0.1)
23.	Copper	IS:3025 (Part-42)	mg/l	BDL (DL 0.02)

Srishti
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Srishti Mehta

Page No. 1 of 2
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Signature
[Signature]

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Pallavi Verma

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J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC086756



TC-6821

TEST REPORT

Sample Number: **JME/PJCL/SW/04**

Report No.: **JME/SW/250923008**

S. No.	Parameters	Testing Protocol	Unit	Result
24.	Manganese	IS:3025 (Part-59)	mg/l	BDL (DL 0.08)
25.	Lead	IS:3025 (Part-47)	mg/l	BDL (DL 0.008)
26.	Selenium	IS:3025 (Part-56)	mg/l	BDL (DL 0.005)
27.	Arsenic	IS:3025 (Part-37)	mg/l	BDL (DL 0.002)
28.	Mercury	IS:3025 (Part-48)	mg/l	BDL (DL 0.001)
29.	Phosphate	APHA 24th Edition, 4500-P-C/D	mg/l	BDL (DL 0.02)
30.	Total Suspended Solid	IS:3025 (Part-17)	mg/l	4.1
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	2.6
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	9.0
33.	Sodium	IS:3025 (Part-45)	mg/l	22.0
34.	Potassium	IS:3025 (Part-45)	mg/l	5.0
35.	Conductivity	APHA 24th Edition, 2510 B	µs/cm	597.0
36.	Nickel	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

Page 2 of 2

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Corporate Office

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****End of Report****



Government of India
Ministry of Jal Shakti
Department of Water Resources, River Development and
Ganga Rejuvenation
Central Ground Water Authority (CGWA)



**Application for Issue of NOC to Abstract Ground Water
(NOCAP)**

Welcome: EONorthCentR

Previous Login Date Time: 01/03/2024 12:36:17 PM , IP Address: 164.100.177.244

[Logout](#)

New - Mining Issued Letter Details

Application Number : 21-4/1084/MP/MIN/2021

Application Code :

55266

1. General Miningormation:

Water Quality Type: *

Fresh Water

Application Type Category/ Type of Application: *

Limestone

(i) Name of Mining: *

PROPOSED LIMESTONE MINE_ML AREA 176.619 HA

(ii) Location Details of the Mining Unit

Address Line 1: *

VILLAGES CHULHI AND MAJHIYAR

Address Line 2:

TEHSIL KOTAR

Address Line 3:

State: *

MADHYA PRADESH

District: *

SATNA

Sub-District: *

RAMPUR BAGHELAN

Village/Town: *

Chulhi

Area Type: *

Non-Notified

Area Type Category: *

Semi Critical

(iii) Communication Address

Address Line 1: *

305

Address Line 2:

LAXMI NIWAS APARTMENTS

Address Line 3:

AMEERPET

State: *

TELANGANA

District: *

HYDERABAD

Sub-District:

AMEERPET

Pincode: *

500016

Phone Number with Area Code:

Mobile Number: *	91-8877611114																						
Fax Number:																							
E-Mail: *	manoj.singh@prismjohnson.in																						
(iv) Salient Features of the Mining Activity:																							
M/s Prism Johnson Limited (formerly Prism Cement Limited) is proposing Proposed Limestone Mine (ML Area 176.619 ha.) with 3.0 Million TPA Limestone Production Capacity and 1.135 Million TPA Overburden including Soil (Total Excavation 4.135 Million TPA) at Villages Chulhi and Majhiyar, Tehsil Kotar, District Satna, Madhya Pradesh.																							
(v) Whether Ground Water Utilization for:	New Industry																						
2. Application Status	Approved																						
3. Issued Letter Details																							
(i) Letter Type	NOC Letter (NOC Number: CGWA/NOC/MIN/ORIG/2022/14880)																						
(ii) Letter Date	29/02/2024 00:00:00																						
(iii) Validity Start Date:	23/03/2024																						
(iv) Validity End Date:	22/03/2026																						
(v) Water Quality:	Fresh Water																						
(vi) Ground Water Abstraction Approved	3 (m ³ /day) 300 (m ³ /day) (Mine seepage/Dewatering, if any) 303 (m ³ /day) (Total) 900 (m ³ /year) 90000 (m ³ /year) (Mine seepage/Dewatering, if any)																						
(vi) Numbers / Types of Existing and Additional Ground Water Abstraction Structures Recommended to Approve	<table><tr><td>Existing:</td><td><table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr><tr><td>1</td><td>Borewell</td><td>1</td></tr></table></td></tr><tr><td>Proposed / Additional:</td><td><table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr><tr><td colspan="3">No Records exist in Groundwater Abstraction Structure- Existing.</td></tr></table></td></tr></table>	Existing:	<table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr><tr><td>1</td><td>Borewell</td><td>1</td></tr></table>	Detail of Structures			SNo.	Type of Structure Name	Type of Structure No	1	Borewell	1	Proposed / Additional:	<table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr><tr><td colspan="3">No Records exist in Groundwater Abstraction Structure- Existing.</td></tr></table>	Detail of Structures			SNo.	Type of Structure Name	Type of Structure No	No Records exist in Groundwater Abstraction Structure- Existing.		
Existing:	<table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr><tr><td>1</td><td>Borewell</td><td>1</td></tr></table>	Detail of Structures			SNo.	Type of Structure Name	Type of Structure No	1	Borewell	1													
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Proposed / Additional:	<table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr><tr><td colspan="3">No Records exist in Groundwater Abstraction Structure- Existing.</td></tr></table>	Detail of Structures			SNo.	Type of Structure Name	Type of Structure No	No Records exist in Groundwater Abstraction Structure- Existing.															
Detail of Structures																							
SNo.	Type of Structure Name	Type of Structure No																					
No Records exist in Groundwater Abstraction Structure- Existing.																							
(vi) Numbers/Types of Existing and Additional ground water (Mine seepage/Dewatering, if any) Structures Recommended to Approve	<table><tr><td>Existing:</td><td><table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr><tr><td>1</td><td>Mining Pits</td><td>1</td></tr></table></td></tr><tr><td>Proposed / Additional:</td><td><table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr></table></td></tr></table>	Existing:	<table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr><tr><td>1</td><td>Mining Pits</td><td>1</td></tr></table>	Detail of Structures			SNo.	Type of Structure Name	Type of Structure No	1	Mining Pits	1	Proposed / Additional:	<table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr></table>	Detail of Structures			SNo.	Type of Structure Name	Type of Structure No			
Existing:	<table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr><tr><td>1</td><td>Mining Pits</td><td>1</td></tr></table>	Detail of Structures			SNo.	Type of Structure Name	Type of Structure No	1	Mining Pits	1													
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Detail of Structures																							
SNo.	Type of Structure Name	Type of Structure No																					

No Records exist in Groundwater Abstraction Structure-Existing.

(vii) Recommendation for Quantum of Rainwater Runoff / Artificial Recharge to be Harvested. 0 (m³/year)

Official Document

Sr.No.	Attachment Name	File Name	Submitted On	Submitted By	View File
1	request mail and documents for extension	request mail and documents for extension.pdf	29/02/2024	AONorthCentR	View
2	Inspection report and field photographs	Inspection report and field photographs.pdf	29/02/2024	AONorthCentR	View

Issued Letter History

S.No.	Project Name	Application Number	Issue Letter Date	Validity Start Date	Validity End Date	Digital Signed	NOC Abs	NOC Abs Dew	NOC For Abstraction And Dewatering	Issued Letter Type Name	Digital Signed Letter	Scan Letter
1	PROPOSED LIMESTONE MINE_ML AREA 176.619 HA	21-4/1084/MP/MIN/2021	23/03/2022	23/03/2022	22/03/2024	No	Yes	No	No	NOC Letter		View
2	PROPOSED LIMESTONE MINE_ML AREA 176.619 HA	21-4/1084/MP/MIN/2021	23/03/2022	23/03/2022	22/03/2024	No	No	No	No	NOC Letter		

Annexure 5: Time bound action plan



PJL/MIN/C&M/2022-01A

दूर की सोच
Date: 14/03/22

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

Sub: Time Bound Action Plan of Corporate Environment Responsibility under Environmental Clearance over 176.619 ha area in Chulhi & Majhiyar Limestone Mines of M/s Prism Johnson Ltd.

Ref.:- Letter no. J-11015/86/2018-IA.II (M) dated 26/07/21- grant of EC.

Dear Sir,

This is in reference to the aforesaid subject and referred letter; we are enclosing herewith the Time Bound Action Plan for the Standard Condition point no. X, Corporate Environment Responsibility, of the Environmental Clearance over 176.619 ha area at Villages Chulhi & Majhiyar, Tehsil Kotar, District Satna (M.P.) of M/s Prism Johnson Ltd. (Formerly Prism Cement Ltd.) Satna (M.P.).

For your kind information please.

Thanking you,

Yours faithfully,

For, Prism Johnson Limited

Authorised Signatory
A.V.P Mines
Prism Johnson Limited

15/3/22
RECEIVED
एकीकृत क्षेत्रीय कार्यालय/Integrated Regional Office
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय,
Ministry of Environment, Forest & Climate Change,
भारत सरकार, भोपाल/Govt. of India, Bhopal
भोपाल/BHOPAL-462016 (M.P.)

PRISM JOHNSON LIMITED
(Cement Division)

Works Village Mankahani, 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: L26942TG1992PLCO14033

Action Plan for Public Hearing Commitments- 176.619 Ha lease at Villages Chulhi & Majhiyar, Tehsil Kotar, District Satna, Madhya Pradesh						
S. No.	Activities	Budget in (Lakh)	Action plan			
			1 st Year	2 nd Year	3 rd year	
1	6 Computers, 6 Nos. Smart boards, wifi facility and water coolers (6) & RO (6) will be provided in School at Villages Chulhi, Majhiyar & Malgaon.	15	2 nos. Computers 2 no. Smart Board Wi-fi	2 nos. Computers 2 no. Smart Board	2 nos. Computers 2 no. Smart Board	
2	Furniture (table & Chair) for 200 students from Class 1 to 8 in school at Villages Chulhi, Majhiyar and Malgaon	10	2 no. water cooler 2 no. RO	2 no. water cooler 2 no. RO	2 no. water cooler 2 no. RO	
3	Skill development training center	15	4	5	6	
4	Mobile Health Van for Chulhi/ Majhiyar & Malgaon Village	13	13			
5	Drinking Water facility in Villages Chulhi, Majhiyar & Malgaon. (3 Nos Bore 3 Nos Hand pump) and pipeline will be provided	35	1 no. bore well 1 no. hand pump	1 no. bore well 1 no. hand pump	1 no. bore well 1 no. hand pump	
6	Construction of Drainage system in Chulhi Village	13	13			
7	Construction of Toilets (40 numbers)	2	20 no.s	10 no.s	10 no.s	
8	Playground at Village Majhiyar and Hinoti	20	2			
9	Road repairing from Village Chulhito Nai Basti.	3	0	20	0	
10	Solar lights at Villages Chulhi, Majhiyar & Malgaon	10	1	1	1	
11	Plantation in Primary School at Adiwasi Basti and government school at Majhiyar & Malgaon along with road (Total plantation 30000)	5	10,000 nos	10,000 nos	10,000 nos	
12	Construction of Waiting hall at Majhiyar mod at village Majhiyar	4	0	5	0	
13	Boundary wall at Govt. Primary School, Adiwasi Basti, Chulhi	10	0	4	0	
14	Ground Water Conservation & Water Harvesting Structures	2	3	3	4	
15	Gas Connection to 245 houses of villages	8	3	3	2	
Total		165				



Government of India
Ministry of Jal Shakti
Department of Water Resources, River Development and
Ganga Rejuvenation
Central Ground Water Authority (CGWA)



**Application for Issue of NOC to Abstract Ground Water
(NOCAP)**

Welcome: EONorthCentR

Previous Login Date Time: 01/03/2024 12:36:17 PM , IP Address: 164.100.177.244

[Logout](#)

New - Mining Issued Letter Details

Application Number : 21-4/1084/MP/MIN/2021

Application Code :	55266
1. General Miningormation:	
Water Quality Type: *	Fresh Water
Application Type Category/ Type of Application: *	Limestone
(i) Name of Mining: *	PROPOSED LIMESTONE MINE_ML AREA 176.619 HA
(ii) Location Details of the Mining Unit	
Address Line 1: *	VILLAGES CHULHI AND MAJHIYAR
Address Line 2:	TEHSIL KOTAR
Address Line 3:	
State: *	MADHYA PRADESH
District: *	SATNA
Sub-District: *	RAMPUR BAGHELAN
Village/Town: *	Chulhi
Area Type: *	Non-Notified
Area Type Category: *	Semi Critical
(iii) Communication Address	
Address Line 1: *	305
Address Line 2:	LAXMI NIWAS APARTMENTS
Address Line 3:	AMEERPET
State: *	TELANGANA
District: *	HYDERABAD
Sub-District:	AMEERPET
Pincode: *	500016
Phone Number with Area Code:	

Mobile Number: *	91-8877611114																						
Fax Number:																							
E-Mail: *	manoj.singh@prismjohnson.in																						
(iv) Salient Features of the Mining Activity:																							
M/s Prism Johnson Limited (formerly Prism Cement Limited) is proposing Proposed Limestone Mine (ML Area 176.619 ha.) with 3.0 Million TPA Limestone Production Capacity and 1.135 Million TPA Overburden including Soil (Total Excavation 4.135 Million TPA) at Villages Chulhi and Majhiyar, Tehsil Kotar, District Satna, Madhya Pradesh.																							
(v) Whether Ground Water Utilization for:	New Industry																						
2. Application Status	Approved																						
3. Issued Letter Details																							
(i) Letter Type	NOC Letter (NOC Number: CGWA/NOC/MIN/ORIG/2022/14880)																						
(ii) Letter Date	29/02/2024 00:00:00																						
(iii) Validity Start Date:	23/03/2024																						
(iv) Validity End Date:	22/03/2026																						
(v) Water Quality:	Fresh Water																						
(vi) Ground Water Abstraction Approved	3 (m ³ /day) 300 (m ³ /day) (Mine seepage/Dewatering, if any) 303 (m ³ /day) (Total) 900 (m ³ /year) 90000 (m ³ /year) (Mine seepage/Dewatering, if any)																						
(vi) Numbers / Types of Existing and Additional Ground Water Abstraction Structures Recommended to Approve	<table><tr><td>Existing:</td><td><table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr><tr><td>1</td><td>Borewell</td><td>1</td></tr></table></td></tr><tr><td>Proposed / Additional:</td><td><table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr><tr><td colspan="3">No Records exist in Groundwater Abstraction Structure-Existing.</td></tr></table></td></tr></table>	Existing:	<table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr><tr><td>1</td><td>Borewell</td><td>1</td></tr></table>	Detail of Structures			SNo.	Type of Structure Name	Type of Structure No	1	Borewell	1	Proposed / Additional:	<table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr><tr><td colspan="3">No Records exist in Groundwater Abstraction Structure-Existing.</td></tr></table>	Detail of Structures			SNo.	Type of Structure Name	Type of Structure No	No Records exist in Groundwater Abstraction Structure-Existing.		
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(vi) Numbers/Types of Existing and Additional ground water (Mine seepage/Dewatering, if any) Structures Recommended to Approve	<table><tr><td>Existing:</td><td><table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr><tr><td>1</td><td>Mining Pits</td><td>1</td></tr></table></td></tr><tr><td>Proposed / Additional:</td><td><table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr></table></td></tr></table>	Existing:	<table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr><tr><td>1</td><td>Mining Pits</td><td>1</td></tr></table>	Detail of Structures			SNo.	Type of Structure Name	Type of Structure No	1	Mining Pits	1	Proposed / Additional:	<table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr></table>	Detail of Structures			SNo.	Type of Structure Name	Type of Structure No			
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Detail of Structures																							
SNo.	Type of Structure Name	Type of Structure No																					

No Records exist in Groundwater Abstraction Structure-Existing.

(vii) Recommendation for Quantum of Rainwater Runoff / Artificial Recharge to be Harvested. 0 (m³/year)

Official Document

Sr.No.	Attachment Name	File Name	Submitted On	Submitted By	View File
1	request mail and documents for extension	request mail and documents for extension.pdf	29/02/2024	AONorthCentR	View
2	Inspection report and field photographs	Inspection report and field photographs.pdf	29/02/2024	AONorthCentR	View

Issued Letter History

S.No.	Project Name	Application Number	Issue Letter Date	Validity Start Date	Validity End Date	Digital Signed	NOC Abs	NOC Abs Dew	NOC For Abstraction And Dewatering	Issued Letter Type Name	Digital Signed Letter	Scan Letter
1	PROPOSED LIMESTONE MINE_ML AREA 176.619 HA	21-4/1084/MP/MIN/2021	23/03/2022	23/03/2022	22/03/2024	No	Yes	No	No	NOC Letter		View
2	PROPOSED LIMESTONE MINE_ML AREA 176.619 HA	21-4/1084/MP/MIN/2021	23/03/2022	23/03/2022	22/03/2024	No	No	No	No	NOC Letter		

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 : deotaledeepak19577@gmail.com

MEDICAL CHECK-UP REPORT

SR NO.	113
Certificate No	122
EMP CODE	102494
Work Station /Grade	Chulhi
Designation	Astt Manager
MOB NO	6263710010
CHECK-UP DATE	14-12-24

EMPLOYEES NAME: Shashank Shrivastava Kailashnath Shrivastava

Gender: MALE Age : 53 Yrs Ht : 168 cms BMI : 29.76 Wt: 84 Kg

Company Address: PRISM JOHNSON LIMITED,
MANKAHARI, PO: BATHIA, TEHSIL: RAMPUR BAGHELAN, DIST: SATNA, PIN: 485111 (M.P.)

Personal H/O: ALCOHOL: NO TABACCO: NO SMOKING: NO GUTKHA: NO

General Exam:- Healthy BP : 140/100 mmHg PLUSE : 80 mm/hr

C.V.S.: N R/S : N CNS : N SP/LIVER : N/P

Abdomen : soft

BLOOD TEST

Test	Result	Normal Range
Blood Sugar	201 mg/dl	70-160 mg/dl
Hemoglobin	12.9 gm/dl	12.5 to 16.5 gm/dl
Total Leukocyte Count	4900 Cumm	4000-11000 /Cumm
Neutrophils	67 %	40-80 %
Lymphocyte	28 %	20-40 %
Eosinophils	3 %	1-6 %
Monocytes	2 %	2-10 %
ESR	2 mm/hr	< 20 mm/hr
Cholesterol	164 mg/dl	< 220 mg/dl
Triglycerides	153 mg/dl	> 200 mg/dl
HDL	50 mg/dl	35 TO 50 mg/dl
LDL	83.4 mg/dl	
VLDL	30.6 mg/dl	
CHO/HDL Ratio:	3.3	
Urea	27 mg/dl	10-50
Creatinine	0.7 mg/dl	0.8-1.3
SGPT	31 U/L	0-40
SGOT	24 U/L	0-40
SUTUM AFB	NEGATIVE	
STOOL	NEGATIVE	
Colour Blindness	NO	
EKG	WNL	
X-Ray	WNL	Spirometry WNL
AUDIOMETRY	RT : WNL	LF. WNL
Vision:	Unaided - Dist. Rt - 6/6	Dist. Lf - 6/6
	Unaided - Near Rt - N/12	Near Lf - N/12
	With Spect Dist. Rt - 6/6	With Spect Dist. Lf - 6/6
	With Spect Near. Rt - N/6	With Spect Near. Lf - N/6

MEDICAL CHECK - UP:- NORMAL DM HT

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. 122 Certified that Shri/Shrimati* Shashank Shrivastava
employed as Manager In Chulhi mine,
Form B No. 13 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* Shashank Shrivastava.....

(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 : 14/12/24

DR. DEEPAK P. DEOTALE

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. 122..... as result of medical examination on

Identification Mark... Scar on Chin



Left thumb impression of the candidate

1. General development- Good/Fair/Poor

2. Height 168 Cms.

3 Weight 84 kg.

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

Right eye..... 6/6

Left eye..... 6/6

(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

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

Any organic diseases.

6. Respiratory system. Chest measurement : (i) After full inspiration 100 cms.
(ii) After full expiration..... 107 cms.

7. Circulatory system: (i) Blood Pressure 140/100 (ii) Pulse 80

8. Abdomen : Tenderness No
Liver. N/P
Spleen. N/P
Tumour. No
N

9. Nervous system:

History of fits or epilepsy No
Paralysis No
Mental health. Cleared

10. Locomotory system : N

11. Skin. : Normeal

12. Hydrocele. : No

13. Hernia. : No

14. Any other abnormality : N

15. Urine : Reaction. Normeal
Albumin. N
Sugar. N

16. Skiagram of chest. :

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

18. Any opinion of specialist considered necessary. No

Signature of the examining authority

Place:

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

Certificate No. 122

Name: Shashank Shrivastava

Identification Marks: Scar on face chin

Result of Lung Function Test (Spirometry)

Parameters	Predicted Value	Performed Value	% of Predicted
Forced Vital Capacity (FEV)	<u>03.12</u>	<u>03.07</u>	<u>098</u>
Forced Vital Capacity FEV1	<u>02.44</u>	<u>03.04</u>	<u>125</u>
FEV 1/ FVC	<u>78.21</u>	<u>99.02</u>	<u>127</u>
Peak Expiratory Flow	<u>08.18</u>	<u>03.48</u>	<u>043</u>

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. 122

Name: Shashank Shrivastava

Identification Marks: Scar on face chin

1. Cardiological Assessment

Auscultation	S1	<u>N</u>	Performed Value	% of Predicted
	S2	<u>N</u>		
	Additional Sound	<u>No</u>		
FEV1/ FVC			<u>99.02</u>	<u>127</u>
Electrocardiograph(12leads) findings			<u>Normal/Abnormal</u>	

Enclosed ECG

2. Neurological Assessment

Findings	Normal/Abnormal
Superficial Reflexes	<u>Normal</u>
Deep Reflexes	<u>N</u>
Peripheral Circulation	<u>N</u>
Vibrational Syndromes	<u>N</u>

3. ILO Classification of Chest Radiograph

Profusion of Pneumoconiotic Opacities	Grades	Types
Present / Absent ✓		

Enclosed Chest Radiograph

4. Audiometry Findings:

Conduction 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 Sugar-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 ✓
	Adiadocokinesia ✓	Present/Not Present ✓
	Emotional Changes ✓	Present/Not Present ✓

Enclosed ECG

7. Any other Special Tests Required:

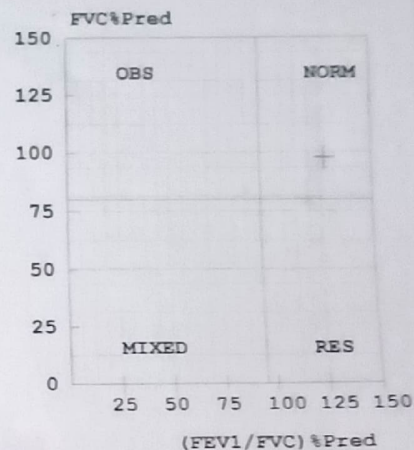
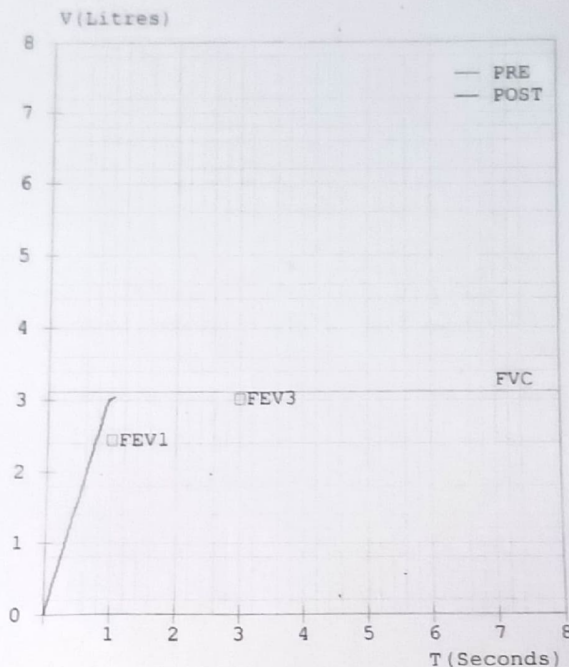
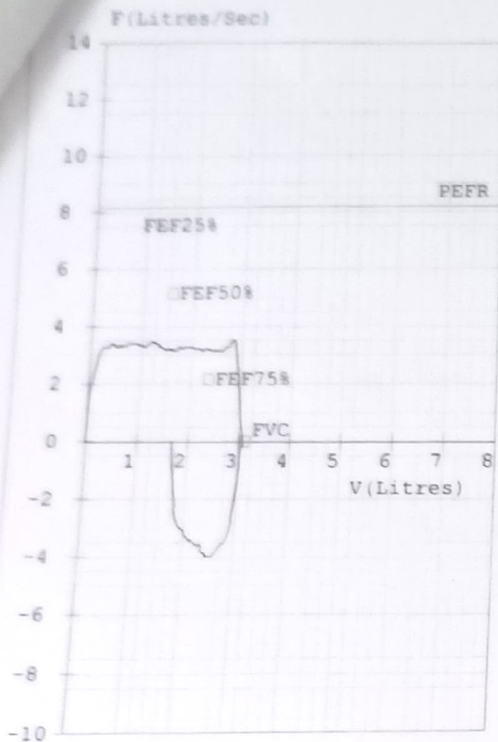
NO

Signature of the Examination Authority
Seal

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

SHASHANK SHRIVASTAVA
Age: 53 Years
Height: 167 Cms
Weight: 84 Kgs
ID: PR 122

Gender: Male
Smoker: No
Eth. Corr: 100
Temp: degrees



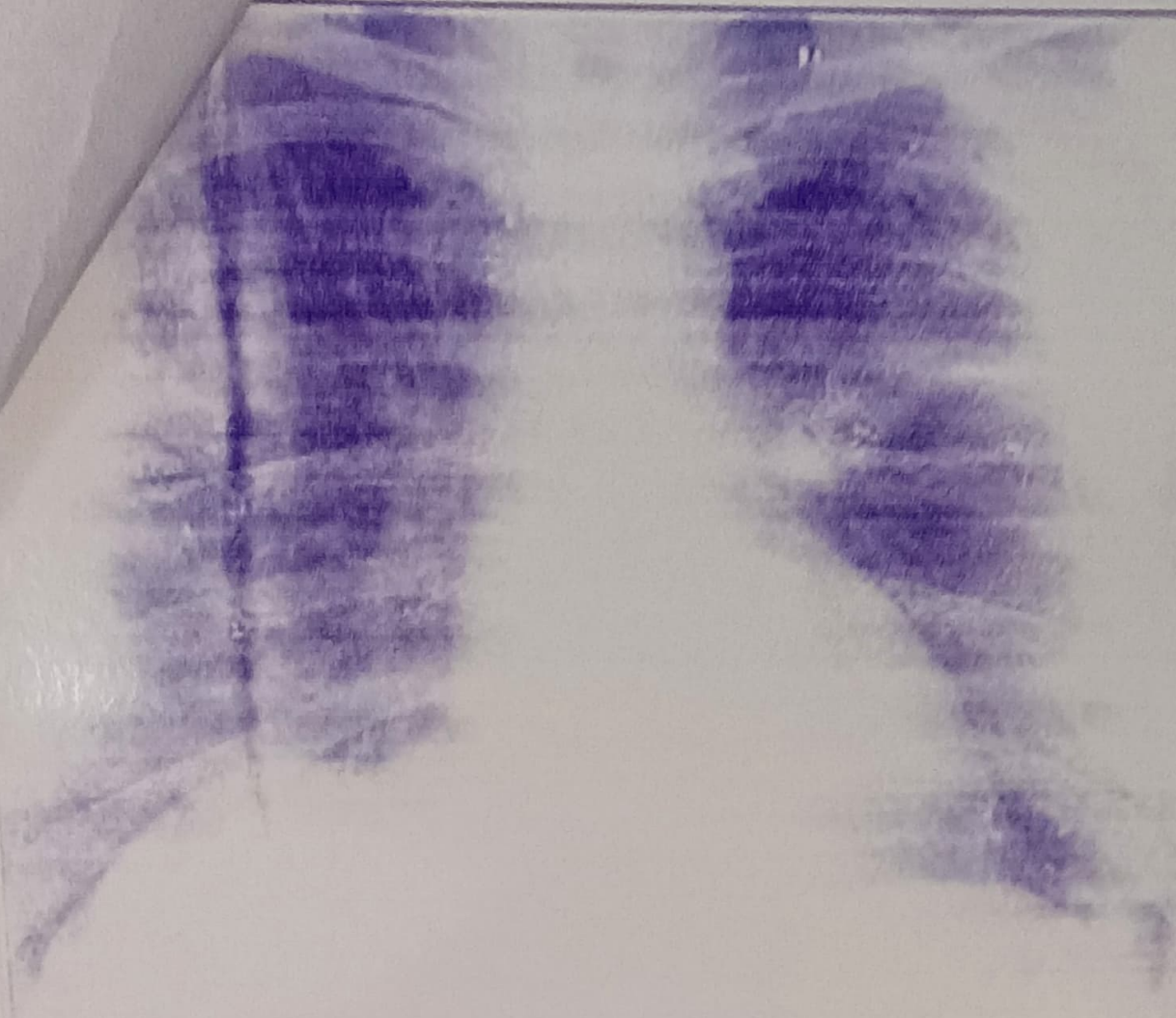
FVC Results

Parameter	Pred	M.Pre%Pred	M.Post %Pred	%Imp
FVC (L)	03.12	03.07	098	---
FEV1 (L)	02.44	03.04	125	---
FEV1/FVC (%)	78.21	99.02	127	---
FEF25-75 (L/s)	03.30	03.19	097	---
PEFR (L/s)	08.18	03.48	043	---
FIVC (L)	-----	01.38	---	---
FEV.5 (L)	-----	01.64	---	---
FEV3 (L)	03.02	03.07	102	---
PIFR (L/s)	-----	03.99	---	---
FEF75-85 (L/s)	-----	03.07	---	---
FEF.2-1.2 (L/s)	05.85	03.26	056	---
FEF 25% (L/s)	07.52	03.35	045	---
FEF 50% (L/s)	05.15	03.14	061	---
FEF 75% (L/s)	02.14	03.14	147	---
FEV.5/FVC (%)	-----	53.42	---	---
FEV3/FVC (%)	96.79	100.00	103	---
FET (Sec)	-----	01.12	---	---
ExptTime (Sec)	-----	00.13	---	---

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.

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

View Acq. Date: 14-Dec-24
Acq. Time: 10:00:55 AM
Exp. Index: 650



16cm

CHEST

PA

W: 4096, C: 2048

Scale: 0.13

MAYA DIAGNOSTICS

Group Layout

Re Layout

Delete Page

Combining

Clear All

Add Page

Deotale Diagnostic Centre (we care)

Consultation - Diagnostics - Health Check-Up - Immunization.

Clinic: Vinayak Apt. 3rd floor Dhantoli Lokmat Chowk Nagpur

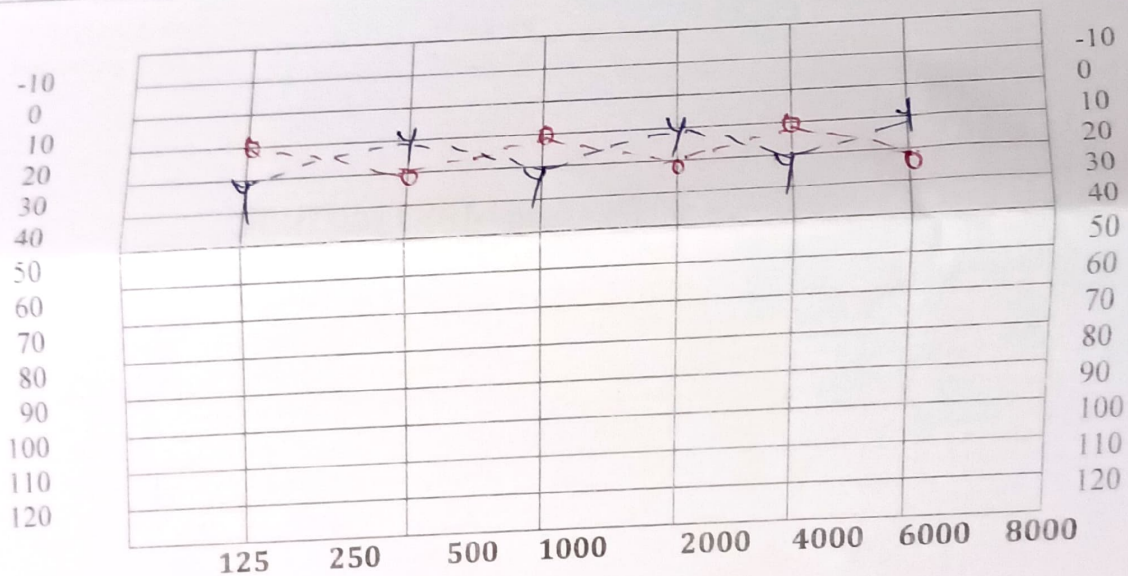
(Clinic Reg. No. 699)

For any assistance call at . 9860204241, 0712-6610595

Date: 14-12-24

AUDIOLOGICAL EVALUATION

1. SR. NO. 113	2. CERTIFICATE NO : 122
3. EMPLOYEES NAME : Shashank Shrivastava Kailashnath Shrivastava	
4. Employee Mob No : 6263710010	
6. SEX : MALE	7. AGE : 53 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 (we care)

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 : deotaledeepak19577@gmail.com

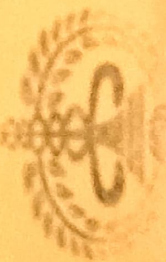
Patient Name:	Shashank Shrivastava Kailashnath Shrivastava
Age :	53 yrs.
Gender:	MALE
Req. Doctor:	
Reg . Number:	6263710010
Collection Date:	14-12-24
Reporting Date :	14-12-24

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.

113

Certificate N

122

Emp Code

102494

MAYA HOSPITAL

& RESEARCH INSTITUTE

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

Builbori (Nagpur)

Ph 07103-684885

Deotale Diagnostic Center We Care

Coitation = Diagnostics Health = Check-Ups = Immunization

Dr. Deepak P. Deotale

M.B.B.S., A.F.I.H.

(Associated fellow Of internal health)

Certifying Surgeon Reg # 48366

Clinic : Vinayak Apt. 3rd Dhantoli,

Lokmat Chowk ,Nagpur M.C. Reg. No. 699)

MOB. No . 9860204241 17771341

Phone No : 0712-242484

Email Id:deotaledeepak177@gmail.com

Name

Shashank Shrivastava Kailashnath Shrivastava

Age

53 YRS.

Gender

MALE

Check Up Date

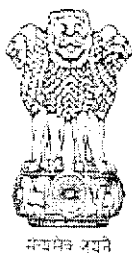
14-12-24

MOB NO

6263710010

Company Name: PRISM JOHNSON LIMITED,

MANKAHARI,PO: BATHIA,
TEHSIL: RAMPUR BAGHELAN,
DIST: SATNA,PIN:485111 (M.P.)



F.No. J-11015/86/2018-IA.II (M)

Government of India
Ministry of Environment, Forest and Climate Change
Impact Assessment Division

Indira Paryavaran Bhavan,
Prithvi Wing, 2nd Floor, Aliganj,
JorBagh Road, New Delhi-110 003

Dated: 26th July, 2021

To,

M/s Prism Johnson Limited

Village mankhari, PO Bathia,
Tehsil Rampur- Baghelan,
District- Satna, Madhya Pradesh-485111

Subject: Proposal for Environmental Clearance (EC) of M/s Prism Johnson Limited for Proposed production of Limestone mine with 3.0 Million TPA Limestone Production Capacity and 1.135 Million TPA Overburden including Soil (Total Excavation 4.135 Million TPA) in the mine lease area of 176.619 ha at Villages Chulhi & Majhiyar, Tehsil Kotar, District Satna, Madhya Pradesh - (EC) regarding.

Sir,

This has reference to the proposal no. IA/MP/MIN/76001/2018 of M/s Prism Johnson Ltd for grant of Environmental Clearance for Proposed Limestone Mine (ML Area: 176.619 ha.) with 3.0 Million TPA Limestone Production Capacity and 1.135 Million TPA Overburden including Soil (Total Excavation 4.135 Million TPA) at Villages Chulhi & Majhiyar, Tehsil Kotar, District Satna, Madhya Pradesh. The mine lease area located between Latitude 24°35'16.54"N to 24°36'30.00"N and longitude 80°58'56.46"E to 81°00'47.67" E. The mine lease area falls under the Survey of India Toposheet No G44U14 and G44V2 and in seismic zone-II. The PP presented the KML file during the presentation to indicate the location of mine lease on Google Earth/ DSS.

2. M/s Prism Johnson Ltd has made an online application vide proposal no. IA/MP/MIN/76001/2018 dated 12.02.2021 along with the Form 2 and EIA report after conducting the public hearing on 14.08.2020 under the provisions of the EIA Notification, 2006 for the project mentioned above. The proposed project activity is listed at schedule no. 1(a) Mining of Minerals under Category "A" of the schedule of the EIA Notification, 2006 as the mining lease area is greater than 100 ha and appraised at Central level. The proposal was earlier considered in the 29th EAC meeting held during 15th-17th March, 2021, wherein the Committee deferred the proposal for want of information. (i) The demand of the electricity i.e. 1000 KWh as proposed by the PP shall be used for mine illumination purpose

and not for other purpose. The details of the emissions of Sulphur dioxide and Hydrogen Sulphide from the operating machines at the site to be submitted in the EIA Report, (ii) The project proponent needs to submit the detailed plan for assessing each block with the mineable reserves and production proposed. PP need to clarify the blocks will be assessed simultaneously or one followed by other. PP need to submit the production schedule for each block in a single table for entire life of mine. PP should also submit the undertaking in this regard, (iii) The project proponent needs to submit the block wise progressive mining and closure plan, (iv) The project proponent needs to predict the air quality modeling with the impact of distance for each block separately to understand the impacts of sensitive receptors for total excavation. Isopleths should also be drawn to show the impact on the reserve forest area falling within three blocks, (v) The project proponent should address the separate scenario for transportation on approach road as well as tar road integrating the isopleths of area and point source at the mine with 20 km/hr and 25 km/hr with 25 T. PP shall also submit the integrated pollution scenario for dust generation and emission from truck, (vi) The Project Proponent should also demonstrate the worst-case meteorological conditions with EMP and without EMP to understand the efficacy of the EMP, (vii) The Project Proponent should simulate a noise modeling showing the anticipated noise level along with the distance in each block separately considering all the mining activity, (viii) The Project Proponent should give undertaking that they will restrict the use of public road beyond 8 PM to 8 AM. The use of public road with 25T trucks to be restricted with a speed limit of 20 km/hr, (ix) The Project Proponent needs to prepare an action plan to reduce the pressure on the forest by providing LPG cylinders to the villagers, dwellings in the forest area and workers of the mines, (x) The Project Proponent should submit the copy of the letter obtained from the DFO vide letter no 5320 dated 04.06.2019 regarding no forest land involved, (xi) The Project Proponent should submit the NOC obtained from CGWA for withdrawal of water.

3. The PP submitted the information vide Lr MIN/2021-210168/2021-210172 dated 13.04.2021. The proposal was considered in the 31st EAC in its meeting held on 9-15 June, 2021 wherein PP submitted the following: (i) PP submitted that 1000 KWH power will be used for mine illumination as well as for office use etc. The machinery & equipment required for mining operation will be Excavator, Haul Pack, Dumper, Rock Breaker, Dozer, Drill Machine and Pump. Diesel consumption by machineries is calculated as 0.5 Litre per tonne of material. So, total diesel consumption per day will be ~6.8 or 7 KLD. SO₂ generation from the operating machines will be 1.05 gm/day. Company has also proposed to use bio diesel up to 25% to reduce the SO₂ generation. However, Air quality modeling has been carried out to predict the impact due to SO₂. (ii) PP submitted that Mining in three blocks will not be done simultaneously, it will be done first in Block II (1 to 6.5 years), then in Block I (6.5 to 17.5 years) and finally in Block III (17.5 to 40 years). Undertaking in this regard has been submitted by PP, (iii) PP submitted that Closure plan will be prepared first for Block II (after 6.5 years), then for block I (after 10 years) and finally Block III (after 23.5 years), (iv) PP submitted that Ambient air quality modelling has been carried out composite for three blocks as well as separate for each block by using Model AERMOD version 9.9.0

for prediction of impact of the proposed mining activity on the air quality of the study area. Impact prediction has been carried out for total excavation of 4.135 million TPA, (v) PP submitted that Transportation of limestone from mine face to the limestone crusher at the cement Plant at Village Mankahari of the lessee by tipper (25 tonner). ~0.90 km length of approach road will be constructed by company. Percentage of utilization of road will be from 31 to 48%, (vi) PP submitted that Ambient air quality modelling has been carried out normative as well as for worst-case meteorological conditions with EMP and without EMP. Impact prediction in worst-case meteorological conditions has been calculated block wise, (vii) PP submitted that Noise Impact Prediction has been carried out using iNoise Software V 2020.0 by DGMR Software. The model reflects noise levels due to operation of HEMMs viz. Drills, hydraulic excavators, Dumpers, Tippers, water tankers and other medium sized vehicles within lease area, (viii) PP submitted the undertaking dated 08.04.2021 that we will transport limestone from 8 AM to 8 PM with 25 Ton Tipper with maximum speed of 20 km/hr on public road, (ix) PP submitted that there are total 330 no of houses in the Villages Chulhi&Mjahiyar including forest dwellers, of which 85 houses have gas connection while the balance 245 houses do not have gas connection. Manpower for the mining operations will be hired from these 2 villages subject to their qualification. Company will provide fresh gas connection to these 245 households apart from 2 no of cylinders per annum, (x) PP submitted the NOC from DFO vide letter no 5320 dated 04.06.2019 regarding no forest land involved and Further, Confirmation for the same has also been received from Chief Wildlife Warden & Principal Chief Conservator of Forest vide letter no wildlife/Maa.Chi/GEN-255/7156 dated 27.11.2020, (xi) PP submitted that the total water requirement for the proposed project will be 67 KLD in which, drinking water of 3 KLD will be sourced from ground water by means of bore well in existing cement plant. All other water requirement will be met from the surface water accumulated in the adjacent mining pits of Prism Cement (during first year). After 1st year of mining operations, rainwater accumulated in mine pits shall be sufficient to meet the overall water requirement. Application has been submitted to CGWA for Water abstraction as well as for de-watering (which will be required after the Plan period) vide NOC No 21-4/1084/MP/MIN/2021 dated 10.02.2021. Approval from CGWA is in process.

4. The details of the ToR are furnished as below:

Date of application	Proposal No	Consideration	Details	Date of accord
30.07.2018	IA/MP/MIN/76001/2018	August 24, 2018 and October 23-24, 2018	Terms of reference	18.11.2019

5. Details of Mine lease

S.no	Grant of Pl/mine lease/ Order	Date of the grant	Name of the Minerals	Period of Grant		Granted by	Mine lease area in Ha
				From	To		
1	Prospecting License vide order no. F2-55/ 2007/12/1	14.03.2008	Limestone	2 years		Government of Madhya Pradesh	
2	Letter of Intent vide order no F3- 60/2008/12/1 Bhopal	25.04.2017	Limestone	50 years		Government of Madhya Pradesh	176.619
3	Letter regarding name change in LOI from M/s Prism Cement Limited to "M/s Prism Johnson Limited" vide Lr 4397/1825/20 18/12	20.09.2018	Limestone	-	-	Directorate of Geology and Mining	176.619
4	Grant of Mining lease vide Lr 3- 60/2008/12/1	22.07.2019	Limestone	04.11. 2019	03.11. 2069	Government of Madhya Pradesh	176.619

6. Details of executed Mine leases.

S.no	Date of grant of Lease execution	Period of Grant		Details
		From	To	
1	Date of entering into	04.11.2019	03.11.2069	MP348642019A1742560

	original lease deed.		between Govt of Madhya Pradesh and "M/s Prism Johnson Limited" registered on 04.11.2019
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7. Land Ownership and land use details:

S No	Particulars	Details
1	Involvement of Forest land if any	Nil
2	Private Agriculture land exists within the project site	176.242 ha
3	Government Land (ha.)	0.37/ha
4	Government Land (ha.)	Nil
5	Gazing land exists within the project site	Nil
6	Others (Waste land)	Nil
	Water body exists within the project site as	Nil
7	Total land	176.619 ha
8	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	Out of 176.619 ha 176.24ha is private land and the land acquisition is under process.
9	Existence of habitation & involvement of R&R, if any	2 no. of villages and there are 158 Project Affected Families and 29 Project Displaced Families.
10	Elevation of the project site	283 m AMSL to 299 m AMSL
11	Existence of ESZ / ESA / national park / wildlife Sanctuary / biosphere Reserve / tiger reserve / elephant reserve etc. if any within the study	Nil

| area |

8. Details of Mine Plant:-

S.no	Mining Plan along with the Conceptual Plan Approved By	Letter no	Dated of Approval	For a period of		Details
				From	To	
1	Indian Bureau of Mines	MP/ Satna/ Limestone/MPLN/G-30/18-19	09.01.2019	5 years		3.0 MTP of Limestone

9. The Project Proponent submitted that the mining activity will be carried out by open cast mechanized method with drilling and blasting. Mining is proposed maximum working depth of mining will be 30m in below the ground whereas the ground water table exists at an average depth of 22-25m bgl and 20-22 m bgl during pre-monsoon and during post monsoon respectively, so mining depth will intersect the ground water table. The PP submitted that the total geological reserve is 20.81 Million Tonnes and Mineable Reserve is 16.97 Million Tonnes. PP submitted that Life of Block I is 10 years having 6.5 Million Ton Reserve, Block II is 6.5 years having 16.9 Million Ton Reserve and Block III is 23.5 years having 14.1 Million Ton Reserve. The proposed bench height will be 8m (max) and width will be 18 m (working) and 8 m max (Ultimate). Topsoil generated from the mining activity will be stacked separately and will be utilized for plantation. Soil removed to expose the limestone underneath will be kept stacked in a temporary dump during the first year for the backfilling in the future. Con – current backfilling operation will start from the second year period onwards of the mined out area. After removing topsoil and other soil, the limestone benches will be operated by drilling and blasting. Drilling will be carried out with the help of sharp drill bits for noise reduction. Drilling will be done with water injection system & dust collector. Control Blasting will be carried out. Rock breaker will be used to avoid blasting in 100 m vicinity of habitations. The ROM is crushed to -80 mm size. There are three crushers installed. Line-I has 1200 TPH, Hammer type crusher of FLS make whereas Line-II has two separate 750 TPH Impact type crushers of L&T make. These crushers feed unit 1 and unit 2 of the cement plant. The limestone to be mined out from proposed limestone mine will be transported to the limestone crusher at mine adjacent near the cement Plant at Village Mankahari of the lessee at a distance of ~5.35 km (~2.60 km public road and ~2.75 km haul roads of existing mines) from Block III. From Block I, it will be ~3.65 km (~0.25 km approach road, 0.65 km public road and ~2.75 km haul roads of existing mines). From Block II, it will be ~3.85 km (~0.60 km approach road, 0.50 km public road and ~2.75 km haul roads of existing mines) with the help of 25 tonne capacity dumper. PP submitted vide Lr dated 11.06.2021 that the working of the mine is proposed such that one block at a time will be exploited and the progressive mine closure plan is also proposed separately. The working of the block and also its closure is planned sequentially, starting with Block II, then block I and

finally Block III. Total excavated area at the conceptual stage will be 164.488 ha in which 80.99 ha area will be backfilled (49.23% of total excavated area) and 83.498 ha area will be converted in to water reservoir.

10. The Project Proponent submitted that the nearest Village is Majhiyar (~350 m, NW) while some habitation of village majhiyar is 70 m and some are existing in excluded area in Block I, from Block II is of Village Chulhi (Adjacent) and Village Khajurhara (~200 m in West direction) from Block III is of Village Majhiyar (~50 m in NE direction). Nearest School is ~1.2 km in South direction from mine site. There is also another school in village Chulhi. Nearest highway is 130 B (~1.8 Km in South direction). Nearest highway is NH-75 (~4.5 km in SSW direction).

11. The Project Proponent submitted that the total water requirement for the proposed project will be 67 KLD which will be sourced from two separate sources; the drinking water of 3 KLD will be sourced from ground water by means of bore well. All other water requirement will be met from the surface water accumulated in the adjacent mining pits of Prism Cement. Application has been submitted to CGWA for Water abstraction and de-watering vide NOC No 21-4/1084/MP/MIN/2021 dated 10.02.2021 and is under process.

12. The Project Proponent submitted that green belt will be done on 10.0 ha area on 7.5 m safety zone of lease boundary. Plantation will be done on 83.121 ha (80.99 ha on backfilled area & 2.13 ha area on safety barriers). Thus, total greenbelt/plantation will be done on 93.121 ha area. PP reported that about Rs 2.99 Crore proposed as cost for development of plantation/greenbelt over 93.121 Ha including cost for sapling, fertilizers, tree guard, tool stackers and maintenance etc. The area designated for each year shall be planted with trees and shrubs @ 2000 Plants/ ha.

13. The Project Proponent reported that there is no National Parks, Biosphere Reserve, Wildlife Corridors, and Tiger/Elephant Reserves/ Critically Polluted area/Aravali located within the radius of 10km of the mine lease area. PP submitted that there is no forest land. PP reported that there are no Schedule-I species duly authenticated by DFO vide letter no Maa.Chi/5959 dated 21.06.2019 and from Chief Wildlife Warden & Principal Chief Conservator of Forest vide letter no wildlife/Maa.Chi/GEN255/7156 dated 27.11.2020.

14. The primary baseline data for specific micro meteorology data, ambient air quality, waste quality, noise level, soil and flora & fauna has been collected during Summer Season. The Monitoring results of ambient air, surface water, soil, ambient noise and ground water for the month of March to May, 2019 have been reported and no major divergence was observed with respect to concentration values of various parameters of collected samples.

Period					
AAQ parameters	Pollutant	Min,	Max,	98 %ile	Standard,

at 12 locations	<table><tr><td></td><td>$\mu\text{g}/\text{m}^3$</td><td>$\mu\text{g}/\text{m}^3$</td><td>$\mu\text{g}/\text{m}^3$</td><td>$\mu\text{g}/\text{m}^3$</td></tr><tr><td>PM2.5</td><td>24.2</td><td>46.5</td><td>46.1</td><td>60</td></tr><tr><td>PM10</td><td>53.8</td><td>89.2</td><td>88.4</td><td>100</td></tr><tr><td>SO2</td><td>6.3</td><td>13.3</td><td>13.1</td><td>80</td></tr><tr><td>NOx</td><td>10.7</td><td>14.3</td><td>24.0</td><td>80</td></tr></table>		$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	PM2.5	24.2	46.5	46.1	60	PM10	53.8	89.2	88.4	100	SO2	6.3	13.3	13.1	80	NOx	10.7	14.3	24.0	80
	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$																						
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NOx	10.7	14.3	24.0	80																						
AAQ modelling (Incremental GLC)	<table><tr><td>Pollutant</td><td>Baseline Concentration, $\mu\text{g}/\text{m}^3$</td><td>Incremental Concentration, $\mu\text{g}/\text{m}^3$</td><td>Total GLC, $\mu\text{g}/\text{m}^3$</td><td>Standard</td></tr><tr><td>PM2.5</td><td>34.3</td><td>0.69</td><td>34.9</td><td>60</td></tr><tr><td>PM10</td><td>73.5</td><td>2.30</td><td>75.8</td><td>100</td></tr><tr><td>SO2</td><td>10.6</td><td>1.71</td><td>12.3</td><td>80</td></tr><tr><td>NOx</td><td>17.9</td><td>1.81</td><td>19.7</td><td>80</td></tr></table>	Pollutant	Baseline Concentration, $\mu\text{g}/\text{m}^3$	Incremental Concentration, $\mu\text{g}/\text{m}^3$	Total GLC, $\mu\text{g}/\text{m}^3$	Standard	PM2.5	34.3	0.69	34.9	60	PM10	73.5	2.30	75.8	100	SO2	10.6	1.71	12.3	80	NOx	17.9	1.81	19.7	80
Pollutant	Baseline Concentration, $\mu\text{g}/\text{m}^3$	Incremental Concentration, $\mu\text{g}/\text{m}^3$	Total GLC, $\mu\text{g}/\text{m}^3$	Standard																						
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PM10	73.5	2.30	75.8	100																						
SO2	10.6	1.71	12.3	80																						
NOx	17.9	1.81	19.7	80																						
Noise level at 12 locations	Day Time: 51.5 to 62.4 Leq dB (A) Night Time: 42.0 to 58.9 Leq dB (A)																									
Ground water quality at 10 locations	pH of collected water samples varied from 7.03 to 8.10, Total hardness varied from 265.20 to 588.50 mg/l, Total dissolved solids varied from 456 to 789 mg/l, Conductivity varied from 706 mg/l to 1201 mg/l, the water samples contain, chloride from 27.87 to 79.85 mg/l, SO4 varied from 33.68 to 210.51 mg/l, Fluoride 0.72 to 1.23 mg/l, Ca from 81.76 to 179.88 mg/l, Mg varies from 13.63 to 42.99 mg/l.																									
Surface water quality at 4 locations (Fresh assessment of surface water quality has been carried out on 23/12/2018 to 24/12/2018)	pH of collected water samples varied from 7.39 to 7.46, Turbidity varied from 4.0 to 14.0 NTU, Total hardness varied from 100 mg/l to 265 mg/l, Total dissolved solids varied from 171.0 mg/l to 362.0 mg/l, Fluoride as F varied from 0.34 mg/l to 0.97 mg/l, BOD varied from 5.20 mg/l to 9.60 mg/l and COD varied from 11.80 mg/l to 22.80 mg/l.																									
Soil quality at 10	The soil sampling was done in 10 locations which reveals that pH																									

locations	value ranged from 7.23 to 8.15, the soil texture is silty clay at the sampling locations. The organic matter% ranged from 0.68% to 1.24%. The concentration of Nitrogen varied considerably from 162.48 kg/ha to 307.16 kg/ha and Phosphorous found in less to medium amount i.e. from 6.61 to 40.71 kg/ha, whereas the Potassium is found to be ranging from 102.85 to 391.44 kg/ha, which is from less to average in quantity.
Traffic assessment study findings	PP submitted that impact on existing roads has been calculated for peak production capacity. It is seen that percentage of utilization of road will increase from 31% to 55%. To reduce the impact on existing road, same shall need to be widened and strengthened as per IRC guidelines to enhance road way capacity and safer commuting environment for the mixed mode traffic witnessed on the existing road.
Flora and fauna	PP reported that there are no Schedule-I species duly authenticated by DFO vide letter no Maa.Chi/5959 dated 21.06.2019 and from Chief Wildlife Warden & Principal Chief Conservator of Forest vide letter no wildlife/Maa.Chi/GEN255/7156 dated 27.11.2020.

15. Public Hearing.

Details of Advertisement given	04.07.2020
Date of Public Consultation	14.08.2020
Venue	ShashkiyaPrathmikShala, AdiwasiBastiChulhi, Vikaskhand Rampur Baghelan, Tehsil Kotar, District Satna (Madhya Pradesh)
Presiding Officer	Shri I.J. Khalkho Additional Collector, Satna and Dr. A.K.Shrivastav: Regional Officer, Regional Office (MPPCB), Satna (Madhya Pradesh).
Major Issues Raised	education, health facility, infrastructure development, water arrangement, employment, compensation to farmers etc.
No of People Attended	120

16. Public hearing action plan as per MoEF&CC O.M. dated 30/09/2020.

Sl.	Activities	Yr1	Yr2	Yr3	Total (Rs. In Lakhs)
1	6 Computers, 6 Nos. Smart boards, wifi facility and water coolers (6) & RO (6) will be provided in School at Villages Chulhi, Majhiyar&Malgaon.	√	√	√	15.0
2	Furniture (table & Chair) for 200 students from Class 1 to 8 in school at Villages Chulhi, Majhiyar and Malgaon	√	√	√	10.0
3	Skill development training center	√	√	√	15.0
4	Mobile Health Van for Chulhi/ Majhiyar&Malgaon Village	√			13.0
5	Drinking Water facility in Villages Chulhi, Majhiyar&Malgaon. (3 Nos Bore 3 Nos Hand pump) and pipeline will be provided	√	√	√	35.0
6	Construction of Drainage system in Chulhi Village	√	-	-	13.0
7	Construction of Toilets (40 numbers)	√			2.0
8	Playground at Village Majhiyar and Hinoti		√		20.0
9	Road repairing from Village ChulhitoNaiBasti.	√	√	√	3.0
10	Solar lights at Villages Chulhi, Majhiyar&Malgaon	√	√	√	10.0
11	Plantation in Primary School at AdiwasiBasti and government school at Majhiyar&Malgaon along with road (Total plantation 30000)		√		5.0
12	Construction of Waiting hall at Majhiyar mod at village Majhiyar		√		4.0

13	Boundary wall at Govt. Primary School, AdivasiBasti, Chulhi	√	√	√	10.0
14	Ground Water Conservation & Water Harvesting Structures	√			2.0

17. The Project Proponent submitted that the total ML Area is 176.619 ha falls in revenue land of 2 Villages (Chulhi&Majhiyar). Out of total mine lease area; 0.377 ha is Government land and 176.242 ha is a private land (Agricultural land). Land will be purchased through mutual agreement and negotiation. There are 158 Project Affected Families. There are 11 SC families out of 29 coming within the mine lease. There is no ST family involved in this project. Total budget for R&R is Rs. 52.542 Crores.

18. The Project Proponent submitted the affidavit dated 11.02.2021 that the company hereby undertake by affidavit shall comply with all the statutory requirement & judgment of Hon'ble Supreme Court dated 2nd August 2017 in writ Petition (civil) No. 114 of 2014 in the matter of common cause versus Union of India &Ors.

19. The Project Proponent submitted that the budget earmarked for Environmental Management Plan (EMP) shall be Rs. 4.34 Crore (Capital) &Rs. 1.25 Crore (recurring/annum). which includes i) Rs 68.0 Lakh (Capital) &Rs 6.0 Lakh (recurring) for Air Quality monitoring and Protection, ii) Rs 8.0 Lakh (Capital) &Rs 2.20 Lakh (recurring) for Water Quality monitoring and Preservation, iii) Rs 3.0 Lakh (Capital) &Rs 0.75 Lakh (recurring) for Noise and Vibration monitoring and Preservation, iv) Rs 190.0 Lakh (Capital) &Rs 113.80 Lakh (recurring) for Plantation and Greenbelt Development. PP earmarked budget for Occupational Health and Safety for Rs 3.50 Lakh as recurring cost.

20. The Project Proponent submitted that there is no any litigation pending against the project and/or land in which the project is proposed to be set up.

21. The Project proponent submitted an undertaking for compliance of Common Cause order and other statutory requirements by the way of an affidavit on Rs 100 (Non judicial Stamp paper) bearing certificate number 01013430062020000468 dated 11.02.2021. In addition to this PP submitted an undertaking dated 01.02.2021 & that all the data and information given in the application, enclosures, and other documents are true. The Consultant submitted the NABET Accreditation Certificate NABET/LIA/2023/RA 0186 which was valid up to 07.02.2023. The Project Proponent submitted an undertaking dated 01.02.2021 to the effect that the conditions laid down in Terms of Reference prescribed by MoEF&CC, New Delhi vide Letter No. 110115/86/2018 IA.II(M) on 18.11.2019 have been complied with, and the data submitted and the information presented in this report are factually correct. The Consultant submitted an undertaking dated 09.02.2021 to the effect that the ToRs prescribed by MoEF&CC, New Delhi vide Letter No. J 110115/86/2018-

IA.II(M) on 18.11.2019 have been complied as per data/details provided by Project Proponent & as per approved Mining Plan approved by IBM and the data submitted are factually correct. The Consultant also given declaration that the Consultant Organization shall be fully responsible for any misleading information mentioned in this statement.

22. The capital cost of the project is Rs. 82.332 Crore and the capital cost for environmental protection measures is proposed as Rs. 4.34 Crore. The annual recurring cost towards the environmental protection measures is proposed as Rs. 1.25 Crore. The employment generation from the proposed project is 96 Nos.

23. The proposal for Environmental Clearance was considered in the 31st EAC meeting held during 9th - 15th June, 2021. Based on the documents submitted and presentation made by the Project Proponent and the Consultant, the Committee **recommended** the proposal for grant of Environmental Clearance of M/s Prism Johnson Limited for Proposed production of Limestone mine with 3.0 Million TPA Limestone Production Capacity and 1.135 Million TPA Overburden including Soil (Total Excavation 4.135 Million TPA) in the mine lease area of 176.619 ha at Villages Chulhi&Majhiyar, Tehsil Kotar, District Satna, Madhya Pradesh with the specific conditions in addition to the standard conditions applicable for non-coal mining projects.

24. The Ministry of Environment, Forest and Climate Change has examined the proposal in accordance with the Environmental Impact Assessment Notification, 2006 and further amendments thereto and hereby accords the above mentioned Environmental Clearance recommended by EAC during its 31st EAC meeting held during 9th - 15th June, 2021 for grant of Environmental Clearance of M/s Prism Johnson Limited for Proposed production of Limestone mine with 3.0 Million TPA Limestone Production Capacity and 1.135 Million TPA Overburden including Soil (Total Excavation 4.135 Million TPA) in the mine lease area of 176.619 ha at Villages Chulhi&Majhiyar, Tehsil Kotar, District Satna, Madhya Pradesh subject to compliance of the terms & conditions and the environmental safeguards mentioned below:-

SPECIFIC CONDITIONS

- 1) The budget of Rs 1.65 Crores to address the concerns raised by the public including in the public hearing to be completed within 3 years from the date of start of mining operations.
- 2) The Project Proponent shall undertake the plantation in peripheral zone and ensure that the plantation in peripheral zone and plantation along haul roads should be completed within 3 years from the date of commencement of mining operation with at least 90% survival rate. Causalities of the previous year should be replaced other than the saplings proposed to be planted every year. PP shall provide the guard to maintain the early stages of plant growth.



- 3) The Project Proponent shall strictly adhere that the transport of limestone shall be from 8 AM to 8 PM with 25 Ton Tipper with maximum speed of 20 km/hr on public road.
- 4) The Project Proponent shall implement the Rehabilitation of project affected families (PAFs) and payment of compensation to PAFs as per the policy and guidelines of the Central/State Government, as provided under the law.
- 5) The Project Proponent should undertake regular monitoring of ground water level and surface water quality and take preventive measures for protection of water bodies within the lease area as well as nearby the mines.
- 6) The Project Proponent shall conduct the detailed hydrogeological study and obtain the NOC/permission from CGWA before intersection of ground water table. The mining operations shall be restricted to above ground water table and it should not intersect the ground water table till obtain the NOC from the CGWA.
- 7) The Project Proponent shall provide the fresh gas connection to 245 households and 2 no of cylinders per annum.
- 8) The Project Proponent shall obtain the NOC from CGWA for intersection of ground water table.
- 9) The topsoil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.
- 10) Regular surveillance on Silicosis shall be carried through regular occupational health checkup of 1/3 of the persons every year.

STANDARD CONDITIONS

i. Statutory compliance

- 1) This Environmental Clearance (EC) is subject to orders/ judgment of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, Common Cause Conditions as may be applicable.
- 2) The Project proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors before commencing the mining operations.
- 3) The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project

Proponent through their respective Department of Mining & Geology in strict compliance of Judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India &Ors.

- 4) The Project Proponent shall follow the mitigation measures provided in MoEFCC Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014. The "Impact of mining activities on Habitations-Issues related to the mining Projects where Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
- 5) A copy of EC letter will be marked to concerned Panchayat / local NGO etc. if any from whom suggestion / representation has been received while processing the proposal.
- 6) State Pollution Control Board/Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar Office for 30 days.
- 7) The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/Committee and web site of the Ministry of Environment, Forest and Climate Change (www.paryavaran.gov.in). A copy of the advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.
- 8) The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred, it needs to apply for transfer of EC as per provisions of the para 11 of EIA Notification, 2007 as amended from time to time.

II. Air quality monitoring and preservation

- 9) The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, NO2, CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No. B-29016/20/90/PCI/I, dated 18.11.2007 covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.

10) -Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/ machineries and preventive maintenance. Use of suitable water soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC/ Central Pollution Control Board.

iii. Water quality monitoring and preservation

11) In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEFCC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.

12) Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.

13) The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease including upstream and downstream. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre- monsoon (April May), monsoon (August), post monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.

14) Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board at a suitable location near the main gate of the Company. The circular No. J- 20012/1/2008-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.

15) Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEFCC annually.

16) Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.

17) The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF&CC and State Pollution Control Board/Committee.

IV. Noise and vibration monitoring and prevention

18) The peak particle velocity at 500m distance or within the nearest habitation whichever is closer shall be monitored periodically as per applicable DGMS guidelines.

19) The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day /night hours.

20) The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has

been found that workers/ personals/ laborers are working without personal protective equipment.

V. Mining plan

21) The Project Proponent shall adhere to approved mining plan, inter alia, including, total excavation (quantum of mineral, waste, over burden, inter burden and top soil etc.); mining technology; lease area; scope of working (method of mining, overburden & dump management, O.B& dump mining, mineral transportation mode, ultimate depth of mining, concurrent reclamation and reclamation at mine closure; land use of the mine lease area at various stages of mining scheme as well as at the end of life; etc.).

22) The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEFCC and its concerned Regional Office.

VI. Land reclamation

23) The Overburden (O.B.), waste and topsoil generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB / waste dumps / topsoil dump like height, width and angle of slope shall be governed as per the approved Mining Plan and the guidelines/circulars issued by D.G.M.S. The topsoil shall be used for land reclamation and plantation.

24) The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/ compactors thereby ensuring proper filling/ leveling of dump mass. In critical areas, use of geo textiles/ geo-membranes / clay liners / Bentonite etc. shall be undertaken for stabilization of the dump.

25) Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/ River/ Pond etc.). The collected water should be utilized for watering the mine area, roads,

green belt development, plantation etc. The drains/ sedimentation sumps etc. shall be desilted regularly, particularly after monsoon season, and maintained properly.

26) Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and in adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments/ silt material. The sedimentation pits/ sumps shall be constructed at the corners of the garland drains.

VII. Transportation

27) No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers. [If applicable in case of road transport].

28) The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.

VIII. Green Belt

29) The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of

greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.

30) The Project Proponent shall carryout plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/ Tribal Welfare Department/ Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.

31) The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded/ protected against felling and plantation of such trees should be promoted.

IX. Public hearing and human health issues

32) Project Proponent shall make provision for the housing for workers/labors or shall construct labor camps within/outside (company owned land) with necessary basic infrastructure/ facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic waste water should be treated with SIP in order to avoid contamination of underground water.

X. Corporate Environment Responsibility (CER)

33) The Project Proponent shall submit the time- bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.

XI. Miscellaneous



34) The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF&CC.

35) The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.

36) The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC and concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.

37) A separate 'Environmental Management Cell' with suitable qualified manpower should be set-up under the control of a Senior Executive. The Senior Executive should directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEFCC.

38) The concerned Regional Office of the MoEFCC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEFCC officer(s) by furnishing the requisite data / information / monitoring reports.

39) In pursuant to Ministry's O.M No 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Hon'ble Supreme Court on 8.01.2020 in W.P. (Civil) No 114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake regrassing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

40) The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

41) Concealing factual data failure to comply with any or submission of false/ fabricated data and of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

25. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.

26. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

27. This issues with the approval of Competent Authority.

Yours faithfully,



(Pankaj Verma)

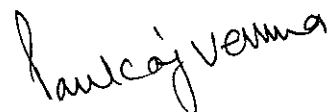
Scientist 'E'

Email pankaj.verma@nic.in

Tel./Fax 011-24695264

Copy to:

- 1). **The Secretary**, Ministry of Mines, Government of India, Shastri Bhavan, New Delhi.
- 2). **The Secretary**, Department of Mines & Geology, Government of Madhya Pradesh, Secretariat, Bhopal.
- 3). **The Secretary**, Department of Environment, Government of Madhya Pradesh, Secretariat, Bhopal.
- 4). **The Secretary**, Department of Forests, Government of Madhya Pradesh, Secretariat, Bhopal.
- 5). **The Chief Wildlife Warden**, Government of Madhya Pradesh, Van Bhavan, 1st Floor, Tulsi Nagar, Bhopal - 462 003.
- 6). **Regional Officer**, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, E-5, Kendriya Paryavaran Bhawan, E-5 Arera Colony, Link Road No.3, Ravishankar Nagar, Bhopal - 462 016.
- 7). **The Chairman**, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office complex, East Arjun Nagar, New Delhi-1100032.
- 8). **The Member Secretary**, Central Ground Water Authority, 18/11, Jam Nagar House, Man Singh Road, New Delhi-110011.
- 9). **The Chairman**, Madhya Pradesh State Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal - 462016.
- 10). **The Controller General**, Indian Bureau of Mines, Indira Bhavan, Civil Lines, Nagpur-440 001.
- 11). **The District Collector**, District Satna, Madhya Pradesh.
- 12). **Guard File.**
- 13). **PARIVESH PORTAL.**



(Pankaj Verma)

Scientist 'E'

Annexure 9: Published Newspaper

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

दैनिक भास्कर

आम सूचना

सर्वसाधारण को सूचित किया जाता है कि प्रिज्म जॉनसन लिमिटेड, ग्राम मनकहरी, जिला सतना को पर्यावरण और जलवायु परिवर्तन मंत्रालय (MOEF&CC), भारत सरकार द्वारा पत्र क्रमांक F.No.J-11015/86/2018-IA.II(M) दिनांक 26.07.2021 के माध्यम से जिला सतना के तहसील कोटर अंतर्गत ग्राम चूल्ही एवं मझियार में खनिज चूना पत्थर उत्खनन हेतु 176.619 हे. क्षेत्र पर पर्यावरणीय स्वीकृत प्रदान की गयी है। पर्यावरणीय स्वीकृत की प्रति/विस्तृत जानकारी म.प्र. प्रदूषण नियंत्रण बोर्ड एवं पर्यावरण और जलवायु परिवर्तन मंत्रालय (MOEF&CC), भारत सरकार की वेबसाइट <https://moef.gov.in> पर उपलब्ध है। सूचना सर्वसाधारण की जानकारी हेतु प्रकाशित की जा रही है।

वास्ते- प्रिज्म जॉनसन लि., मनकहरी
जिला- सतना (म.प्र.)

Date
31/07/21

To
Core Committee
For your kind information please
Regards
Pis

स्टार समाचार

आम सूचना

सर्व साधारण को सूचित किया जाता है कि प्रिज्म जॉनसन लिमिटेड, ग्राम मनकहरी, जिला-सतना को पर्यावरण और जलवायु परिवर्तन मंत्रालय (MOEF&CC), भारत सरकार द्वारा पत्र क्रमांक F.No.J-11015/86/2018-IA.II(M) दिनांक 26.07.2021 के माध्यम से जिला-सतना के तहसील कोटर अंतर्गत ग्राम चूल्ही एवं मझियार में खनिज चूना पत्थर उत्खनन हेतु 176.619 हे. क्षेत्र पर पर्यावरणीय स्वीकृत प्रदान की गयी है। पर्यावरणीय स्वीकृत की प्रति/विस्तृत जानकारी म.प्र. प्रदूषण नियंत्रण बोर्ड एवं पर्यावरण और जलवायु परिवर्तन मंत्रालय (MOEF&CC) भारत सरकार की वेबसाइट <https://moef.gov.in> पर उपलब्ध है। सूचना सर्व साधारण की जानकारी हेतु प्रकाशित की जा रही है।

वास्ते-प्रिज्म जॉनसन लि.,
मनकहरी जिला-सतना (म.प्र.)

Date
31/07/21

To
Core Committee
For your kind information please
Regards
Pis



30 years of success

J.M. ENVIROLAB PVT. LTD.

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
Chull- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh
AMBIENT AIR QUALITY MONITORING
Village- Chulhi
JMEPL Team
Mr. Sumitabh Dwivedi
(Assistant General Manager- Environment)

Report No.:

JME/A/250407601

Date of Reporting:

05/05/2025

Monitoring Month:

April, 2025

Protocol Used:

IS-5182

Sample Description:

AMBIENT AIR QUALITY MONITORING

Sampling Location:

Village- Chulhi

Sample Collected by:

JMEPL Team

Client Representative:

Mr. Sumitabh Dwivedi

Instrument Used for Sampling:

RDS & FPS

Latitude:

24° 34' 22" N

Longitude:

81° 1' 44" E

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
02/04/2025 to 03/04/2025	19.44	40.71	13.36	6.66	BDL (DL 0.5)
04/04/2025 to 05/04/2025	23.95	44.80	15.69	8.26	0.50
08/04/2025 to 09/04/2025	27.53	52.72	17.72	10.03	0.52
11/04/2025 to 12/04/2025	25.01	48.41	16.93	9.17	0.51
15/04/2025 to 16/04/2025	17.42	38.57	12.83	6.13	BDL (DL 0.5)
18/04/2025 to 19/04/2025	21.10	43.84	14.44	7.85	BDL (DL 0.5)
22/04/2025 to 23/04/2025	24.61	46.92	16.15	8.50	0.51
25/04/2025 to 26/04/2025	31.51	58.82	20.57	11.66	0.58
28/04/2025 to 29/04/2025	28.74	53.82	18.33	10.47	0.55
29/04/2025 to 30/04/2025	30.80	55.87	19.64	11.13	0.57
Minimum	17.42	38.57	12.83	6.13	0.50
Maximum	31.51	58.82	20.57	11.66	0.58
Average	25.01	48.45	16.57	8.98	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

Deepak Singh
Deepak Singh
 Checked by

Sita Ram Yadav
Sita Ram Yadav
 Authorized Signatory

Note:

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

Reg. Office & Lab.

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

Corporate Office

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



30 years of success

J.M. ENVIROLAB PVT. LTD.

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
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh
AMBIENT AIR QUALITY MONITORING
Village- Majhiyar
JMELPL Team
Mr. Sumitabh Dwivedi
(Assistant General Manager- Environment)

Report No.:

JME/A/250407602

Date of Reporting:

05/05/2025

Monitoring Month:

April, 2025

Protocol Used:

IS-5182

Instrument Used for Sampling:

RDS & FPS

Sample Description:

Sampling Location:

Sample Collected by:

Client Representative:

Latitude:

24° 36' 1" N

Longitude:

81° 0' 30" E**TEST RESULTS**

Date	Parameter				
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02/04/2025 to 03/04/2025	18.34	38.99	12.31	6.66	BDL (DL 0.5)
04/04/2025 to 05/04/2025	21.41	45.04	14.78	8.31	0.52
08/04/2025 to 09/04/2025	25.41	50.47	16.52	9.91	0.55
11/04/2025 to 12/04/2025	23.70	47.89	15.69	9.22	0.54
15/04/2025 to 16/04/2025	16.38	36.94	11.65	5.81	BDL (DL 0.5)
18/04/2025 to 19/04/2025	20.28	42.67	14.36	7.76	0.50
22/04/2025 to 23/04/2025	22.23	46.75	15.22	8.56	0.54
25/04/2025 to 26/04/2025	29.79	56.81	18.94	11.82	0.56
28/04/2025 to 29/04/2025	26.34	51.12	17.72	10.49	0.55
29/04/2025 to 30/04/2025	27.35	53.07	18.24	11.34	0.57
Minimum	16.38	36.94	11.65	5.81	0.50
Maximum	29.79	56.81	18.94	11.82	0.57
Average	23.12	46.97	15.54	8.99	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
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

Deepak Singh
Deepak Singh
Checked by

Sita Ram Yadav
Sita Ram Yadav
Authorized Signatory

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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**

Name & Address of Unit:

M/s. Prism Johnson Limited
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh

Report No.:

JME/A/250407603

Date of Reporting:

05/05/2025

Monitoring Month:

April, 2025

Protocol Used:

IS-5182

Sample Description:

AMBIENT AIR QUALITY MONITORING

Instrument Used for Sampling:

RDS & FPS

Sampling Location:

Village- Malgaon

Latitude:

24° 36' 22" N

Sample Collected by:

JMELPL Team

Longitude:

81° 0' 19" E

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
02/04/2025 to 03/04/2025	17.13	31.67	10.73	5.67	BDL (DL 0.5)
04/04/2025 to 05/04/2025	19.26	39.35	13.02	7.82	0.51
08/04/2025 to 09/04/2025	25.10	48.84	14.95	9.03	0.57
11/04/2025 to 12/04/2025	22.29	46.92	14.21	8.44	0.54
15/04/2025 to 16/04/2025	14.84	30.01	10.16	5.39	BDL (DL 0.5)
18/04/2025 to 19/04/2025	18.59	37.28	12.49	7.19	0.50
22/04/2025 to 23/04/2025	20.00	40.85	13.40	8.05	0.52
25/04/2025 to 26/04/2025	31.60	58.51	17.69	10.83	0.61
28/04/2025 to 29/04/2025	28.97	51.13	15.92	9.51	0.58
29/04/2025 to 30/04/2025	30.07	53.08	16.38	10.48	0.60
Minimum	14.84	30.01	10.16	5.39	0.50
Maximum	31.60	58.51	17.69	10.83	0.61
Average	22.79	43.76	13.90	8.24	0.55

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
 Tested by


Deepak Singh
 Checked by


S.N. Ram Yadav
 Authorized Signatory

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J.M. ENVIROLAB PVT. LTD.

CIN No.: U74220HR2011PTC085756



TC-6821

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

TEST REPORT

Name & Address of Unit:

M/s. Prism Johnson Limited
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh

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

JME/A/250505601
05/06/2025
May, 2025
IS-5182

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

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

Instrument Used for Sampling: **RDS & FPS**
 Latitude: **24° 34' 22" N**
 Longitude: **81° 1' 44" E**

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
01/05/2025 to 02/05/2025	20.8	43.6	13.9	6.9	BDL (DL 0.5)
02/05/2025 to 03/05/2025	25.6	47.9	16.3	8.6	0.52
06/05/2025 to 07/05/2025	29.5	56.4	18.4	10.4	0.54
09/05/2025 to 10/05/2025	26.8	51.8	17.6	9.5	0.53
13/05/2025 to 14/05/2025	34.7	62.9	21.4	12.1	0.60
16/05/2025 to 17/05/2025	33.0	59.8	20.4	11.6	0.59
20/05/2025 to 21/05/2025	26.3	50.2	16.8	8.8	0.53
23/05/2025 to 24/05/2025	18.6	41.3	13.3	6.4	BDL (DL 0.5)
27/05/2025 to 28/05/2025	22.6	46.9	15.0	8.2	0.51
30/05/2025 to 31/05/2025	30.8	57.6	19.1	10.9	0.57
Minimum	18.6	41.3	13.3	6.4	0.51
Maximum	34.7	62.9	21.4	12.1	0.60
Average	26.86	51.84	17.23	9.34	0.55

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

Deepak Singh
Deepak Singh
 Checked by

Ram. Yadav
Ram. Yadav
 Authorized Signatory

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J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



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
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh

Report No.:

JME/A/250505602

Date of Reporting:

05/06/2025

Monitoring Month:

May, 2025

Protocol Used:

IS-5182

Sample Description:

AMBIENT AIR QUALITY MONITORING

Instrument Used for Sampling:

RDS & FPS

Sampling Location:

Village- Majhiyar

Sample Collected by:

JMELPL Team

Latitude:

24° 36' 1" N

Client Representative:

Mr. Sumitabh Dwivedi
(Assistant General Manager- Environment)

Longitude:

81° 0' 30" 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)
NAAQS	60	100	80	80	4
01/05/2025 to 02/05/2025	19.6	41.7	12.8	6.9	0.50
02/05/2025 to 03/05/2025	22.9	48.2	15.4	8.6	0.54
06/05/2025 to 07/05/2025	27.2	54.0	17.2	10.3	0.57
09/05/2025 to 10/05/2025	25.4	51.2	16.3	9.6	0.56
13/05/2025 to 14/05/2025	31.9	60.8	19.7	12.3	0.59
16/05/2025 to 17/05/2025	29.3	56.8	19.0	11.8	0.59
20/05/2025 to 21/05/2025	23.8	50.0	15.8	8.9	0.56
23/05/2025 to 24/05/2025	17.5	39.5	12.1	6.0	BDL (DL 0.5)
27/05/2025 to 28/05/2025	21.7	45.7	14.9	8.1	0.52
30/05/2025 to 31/05/2025	28.2	54.7	18.4	10.9	0.58
Minimum	17.5	39.5	12.1	6.0	0.50
Maximum	31.9	60.8	19.7	12.3	0.59
Average	24.74	50.26	16.16	9.35	0.56

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

Deepak Singh
Deepak Singh
Checked by

Sia Ram Yadav
Sia Ram Yadav
Authorized Signatory

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J.M. ENVIROLAB PVT. LTD.

CIN No. U74220HR2011PTC085756

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 Chuli- Majhiyar Limestone Mine. 176.619 ha, Village- Chulhi and Majhiyar, Tehsil – Kotar, Distt- Satna, Madhya Pradesh	Report No.:	JME/A/250505603
		Date of Reporting:	05/06/2025
		Monitoring Month:	May, 2025
		Protocol Used:	IS-5182
Sample Description:	AMBIENT AIR QUALITY MONITORING	Instrument Used for Sampling:	RDS & FPS
Sampling Location:	Village- Malgaon	Latitude:	24° 36' 22" N
Sample Collected by:	JMELPL Team	Longitude:	81° 0' 19" E
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
01/05/2025 to 02/05/2025	18.3	33.9	11.2	5.9	0.50
02/05/2025 to 03/05/2025	20.6	42.1	13.5	8.1	0.53
06/05/2025 to 07/05/2025	26.9	52.3	15.6	9.4	0.59
09/05/2025 to 10/05/2025	23.9	50.2	14.8	8.8	0.56
13/05/2025 to 14/05/2025	34.8	62.6	18.4	11.3	0.63
16/05/2025 to 17/05/2025	32.2	56.8	17.0	10.9	0.62
20/05/2025 to 21/05/2025	21.4	43.7	13.9	8.4	0.54
23/05/2025 to 24/05/2025	15.9	32.1	10.6	5.5	BDL (DL 0.5)
27/05/2025 to 28/05/2025	19.9	39.9	13.0	7.5	0.52
30/05/2025 to 31/05/2025	31.0	54.7	16.6	9.9	0.60
Minimum	15.9	32.1	10.6	5.5	0.50
Maximum	34.8	62.6	18.4	11.3	0.63
Average	24.48	46.83	14.45	8.56	0.57

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
Tested by

Deepak Singh
Checked by

Sita Ram Yadav
Authorized Signatory

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J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

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TEST REPORT

Name & Address of Unit: **M/s. Prism Johnson Limited**
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh

Report No.: **JME/A/250606601**
 Date of Reporting: **04/07/2025**
 Monitoring Month: **June, 2025**
 Sampling Protocol: **JMELPL/STOP/04**

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

Instrument Used for Sampling: **RDS & FPS**
 Latitude: **24° 34' 22" N**
 Longitude: **81° 1' 44" E**

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)
03/06/2025 to 04/06/2025	31.0	56.2	19.2	10.9	0.55
06/06/2025 to 07/06/2025	32.6	59.2	20.1	11.4	0.56
10/06/2025 to 11/06/2025	26.2	48.7	16.6	9.0	0.52
13/06/2025 to 14/06/2025	28.7	53.0	17.3	9.8	0.51
17/06/2025 to 18/06/2025	25.8	47.2	15.8	8.3	0.50
20/06/2025 to 21/06/2025	23.1	45.1	15.3	8.1	BDL (DL 0.5)
24/06/2025 to 25/06/2025	17.5	38.8	12.5	6.0	BDL (DL 0.5)
27/06/2025 to 28/06/2025	19.6	40.9	13.1	6.5	BDL (DL 0.5)
Minimum	17.52	38.79	12.54	5.99	0.50
Maximum	32.64	59.16	20.11	11.40	0.56
Average	25.55	48.63	16.24	8.74	0.53
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2)	IS 5182 (Part-10)
NAAQS	60	100	80	80	4

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
BDL : Below Detection Limit
DL : Detection Limit

Page No.1 of 1

Checked by

Deepak Singh Yadav



Reviewed & Authorized by
 Sita Ram Yadav

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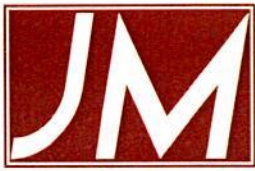
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Corporate Office

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End of Report



J.M. ENVIROLAB PVT. LTD.



TC-6821

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TEST REPORT

Name & Address of Unit: **M/s. Prism Johnson Limited**
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh

Report No.: **JME/A/250606602**
 Date of Reporting: **04/07/2025**
 Monitoring Month: **June, 2025**
 Sampling Protocol: **JMELPL/STOP/04**

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

Instrument Used for Sampling: **RDS & FPS**
 Latitude: **24° 36' 1" N**
 Longitude: **81° 0' 30" E**

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)
03/06/2025 to 04/06/2025	27.5	53.4	17.8	11.1	0.56
06/06/2025 to 07/06/2025	30.0	57.1	18.5	11.6	0.55
10/06/2025 to 11/06/2025	23.8	48.2	15.3	8.8	0.53
13/06/2025 to 14/06/2025	25.6	50.8	16.2	9.7	0.53
17/06/2025 to 18/06/2025	22.4	47.0	14.9	8.4	0.52
20/06/2025 to 21/06/2025	20.5	45.3	14.4	7.1	0.51
24/06/2025 to 25/06/2025	16.5	37.2	11.4	5.7	BDL (DL 0.5)
27/06/2025 to 28/06/2025	18.4	39.2	12.0	6.5	BDL (DL 0.5)
Minimum	16.47	37.15	11.39	5.68	0.51
Maximum	29.97	57.14	18.51	11.56	0.56
Average	23.08	47.27	15.07	8.60	0.53
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2)	IS 5182 (Part-10)
NAAQS	60	100	80	80	4

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
BDL : Below Detection Limit
DL : Detection Limit

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Checked by

Sita Ram Yadav



Reviewed & Authorized by
 Sita Ram Yadav

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End of Report



J.M. ENVIROLAB PVT. LTD.



TC-6821

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

TEST REPORT

Name & Address of Unit: **M/s. Prism Johnson Limited
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh**

Report No.: **JME/A/250606603**
Date of Reporting: **04/07/2025**
Monitoring Month: **June, 2025**
Sampling Protocol: **JMELPL/STOP/04**

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

Instrument Used for Sampling: **RDS & FPS**
Latitude: **24° 36' 22" N**
Longitude: **81° 0' 19" E**

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)
03/06/2025 to 04/06/2025	30.2	53.4	16.0	9.9	0.59
06/06/2025 to 07/06/2025	32.7	58.9	17.3	10.6	0.60
10/06/2025 to 11/06/2025	22.4	47.2	13.9	8.2	0.53
13/06/2025 to 14/06/2025	25.2	49.1	14.6	9.3	0.55
17/06/2025 to 18/06/2025	20.1	41.1	13.1	7.9	0.51
20/06/2025 to 21/06/2025	19.4	39.6	12.7	6.6	0.50
24/06/2025 to 25/06/2025	14.9	30.2	9.9	5.1	BDL (DL 0.5)
27/06/2025 to 28/06/2025	17.2	32.9	10.5	6.4	BDL (DL 0.5)
Minimum	14.9	30.2	9.9	5.1	0.50
Maximum	32.7	58.9	17.3	10.6	0.60
Average	22.79	44.03	13.51	8.01	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

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
BDL : Below Detection Limit
DL : Detection Limit

Page No.1 of 1

Checked by
Deenak Singh Yadav

Reviewed & Authorized by
Sita Ram Yadav

Note:

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****End of Report****



J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

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

TEST REPORT

Name & Address of Unit:

M/s. Prism Johnson Limited
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh

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

JME/A/250707601
05/08/2025
July, 2025
JMELPL/STOP/04

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

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

Instrument Used for Sampling: RDS & FPS
Latitude: 24° 34' 22" N
Longitude: 81° 1' 44" E

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)
02/07/2025 to 03/07/2025	18.5	39.1	16.7	6.1	0.56
04/07/2025 to 05/07/2025	20.8	40.5	12.2	5.2	BDL (DL 0.5)
08/07/2025 to 09/07/2025	22.1	44.2	14.8	7.2	0.57
11/07/2025 to 12/07/2025	15.4	38.7	10.1	3.9	BDL (DL 0.5)
15/07/2025 to 16/07/2025	24.7	54.4	16.3	6.8	0.55
18/07/2025 to 19/07/2025	29.3	46.9	15.1	8.9	0.59
22/07/2025 to 23/07/2025	22.8	49.1	17.8	7.1	0.56
25/07/2025 to 26/07/2025	19.3	41.8	14.2	6.5	0.53
29/07/2025 to 30/07/2025	23.8	47.3	15.7	9.8	0.55
30/07/2025 to 31/07/2025	20.6	44.6	13.1	7.4	0.52
Minimum	15.4	38.7	10.1	3.9	0.52
Maximum	29.3	54.4	16.7	9.8	0.59
Average	21.73	44.66	14.24	6.89	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
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
Deepak Singh Yadav



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End of Report



J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

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TEST REPORT

Name & Address of Unit:

M/s. Prism Johnson Limited
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil - Kotar, Distt- Satna, Madhya Pradesh

Report No.:

JME/A/250707602

Date of Reporting:

05/08/2025

Monitoring Month:

July, 2025

Sampling Protocol:

JMELPL/STOP/04

Sample Description:

AMBIENT AIR QUALITY MONITORING

Instrument Used for Sampling:

RDS & FPS

Sampling Location:

Village- Majhiyar

Latitude:

24° 36' 1" N

Sample Collected by:

JMELPL Team

Longitude:

81° 0' 30" E

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)
02/07/2025 to 03/07/2025	20.9	46.8	17.2	7.4	0.59
04/07/2025 to 05/07/2025	16.7	37.3	12.5	5.1	BDL (DL 0.5)
08/07/2025 to 09/07/2025	19.4	42.7	16.8	7.8	0.58
11/07/2025 to 12/07/2025	14.9	35.2	10.3	4.2	BDL (DL 0.5)
15/07/2025 to 16/07/2025	20.3	41.9	14.6	8.1	0.56
18/07/2025 to 19/07/2025	25.1	46.5	16.7	9.4	0.60
22/07/2025 to 23/07/2025	22.7	43.9	15.1	7.5	0.57
25/07/2025 to 26/07/2025	17.4	37.6	13.2	6.3	0.54
29/07/2025 to 30/07/2025	21.8	44.1	17.6	8.7	0.61
30/07/2025 to 31/07/2025	18.1	36.7	14.3	5.9	0.53
Minimum	14.9	35.2	10.3	4.2	0.53
Maximum	25.1	46.8	17.6	9.4	0.61
Average	19.73	41.27	14.83	7.04	0.57
Testing Protocol	IS 5182 (Part-24)	IS 5182 (Part-23)	IS 5182 (Part-6)	IS 5182 (Part-2)	IS 5182 (Part-10)
NAAQS	60	100	80	80	4 (1 Hourly)

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

Abbreviations:

NAAQS : National Ambient Air Quality Standard
PM_{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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End of Report



J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

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

TEST REPORT

Name & Address of Unit:

M/s. Prism Johnson Limited
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh

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

JME/A/250707603
05/08/2025
July, 2025
JMELPL/STOP/04

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

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

Instrument Used for Sampling:
Latitude:
Longitude:

RDS & FPS
24° 36' 22" N
81° 0' 19" E

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)
02/07/2025 to 03/07/2025	20.9	36.7	17.1	7.6	BDL (DL 0.5)
04/07/2025 to 05/07/2025	16.7	40.6	12.8	5.5	BDL (DL 0.5)
08/07/2025 to 09/07/2025	18.4	45.1	16.2	7.4	0.57
11/07/2025 to 12/07/2025	13.6	41.3	11.9	4.1	BDL (DL 0.5)
15/07/2025 to 16/07/2025	19.8	44.8	15.4	6.4	0.54
18/07/2025 to 19/07/2025	21.3	49.6	18.2	7.2	0.59
22/07/2025 to 23/07/2025	18.6	46.2	16.6	6.7	0.52
25/07/2025 to 26/07/2025	14.2	36.9	13.1	5.4	BDL (DL 0.5)
29/07/2025 to 30/07/2025	20.8	44.3	16.3	7.1	0.53
30/07/2025 to 31/07/2025	15.4	38.7	14.7	4.6	0.51
Minimum	13.6	36.7	11.9	4.1	0.51
Maximum	21.3	49.6	18.2	7.6	0.59
Average	17.97	42.42	15.23	6.20	0.54
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
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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End of Report



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CIN No. :U74220HR2011PTC085756



TC-6821

TEST REPORT

Name & Address of Unit:

M/s. Prism Johnson Limited
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh

Report No.:

JME/A/250807601

Date of Reporting:

05/09/2025

Monitoring Month:

August, 2025

Sampling Protocol:

JMELPL/STOP/04

Sample Description:

AMBIENT AIR QUALITY MONITORING

Instrument Used for Sampling:

RDS & FPS

Sampling Location:

Village- Chulhi

Latitude:

24° 34' 22" N

Sample Collected by:

JMELPL Team

Longitude:

81° 1' 44" E

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)
04/08/2025 to 05/08/2025	15.0	34.8	13.0	5.6	BDL (DL 0.5)
07/08/2025 to 08/08/2025	11.9	33.3	9.2	3.6	BDL (DL 0.5)
11/08/2025 to 12/08/2025	17.1	38.0	13.5	6.7	0.51
14/08/2025 to 15/08/2025	19.1	42.2	15.2	7.0	BDL (DL 0.5)
18/08/2025 to 19/08/2025	22.7	46.8	16.2	8.1	BDL (DL 0.5)
21/08/2025 to 22/08/2025	16.1	36.0	14.9	6.2	BDL (DL 0.5)
25/08/2025 to 26/08/2025	14.3	33.6	11.1	4.7	BDL (DL 0.5)
28/08/2025 to 29/08/2025	17.7	40.3	13.8	5.9	0.51
Minimum	11.9	33.3	9.2	3.6	0.51
Maximum	22.7	46.8	16.2	8.1	0.51
Average	16.75	38.14	13.37	5.98	0.51
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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End of Report



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TC-6821

TEST REPORT

Name & Address of Unit: **M/s. Prism Johnson Limited**
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh

Report No.: **JME/A/250807602**
Date of Reporting: **05/09/2025**
Monitoring Month: **August, 2025**
Sampling Protocol: **JMELPL/STOP/04**

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

Instrument Used for Sampling: **RDS & FPS**
Latitude: **24° 36' 1" N**
Longitude: **81° 0' 30" E**

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)
04/08/2025 to 05/08/2025	13.4	31.7	11.7	5.6	BDL (DL 0.5)
07/08/2025 to 08/08/2025	11.4	29.7	9.1	3.7	BDL (DL 0.5)
11/08/2025 to 12/08/2025	16.1	37.0	13.4	6.6	BDL (DL 0.5)
14/08/2025 to 15/08/2025	17.4	39.2	14.9	7.7	0.52
18/08/2025 to 19/08/2025	19.3	38.8	15.2	8.3	0.53
21/08/2025 to 22/08/2025	14.9	36.0	14.8	6.9	0.51
25/08/2025 to 26/08/2025	12.8	31.4	11.1	4.5	BDL (DL 0.5)
28/08/2025 to 29/08/2025	14.1	35.3	12.9	6.1	BDL (DL 0.5)
Minimum	11.4	29.7	9.1	3.7	0.51
Maximum	19.3	39.2	15.2	8.3	0.53
Average	14.93	34.87	12.87	6.18	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

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Abhishek Tiwari



Reviewed & Authorized by
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End of Report



J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

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

TEST REPORT

Name & Address of Unit:

M/s. Prism Johnson Limited
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh

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

JME/A/250807603
05/09/2025
August, 2025
JMELPL/STOP/04

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

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

Instrument Used for Sampling:
Latitude:
Longitude:

RDS & FPS
24° 36' 22" N
81° 0' 19" E

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)
04/08/2025 to 05/08/2025	14.6	36.1	11.9	4.9	BDL (DL 0.5)
07/08/2025 to 08/08/2025	11.9	31.3	10.8	3.7	BDL (DL 0.5)
11/08/2025 to 12/08/2025	15.1	35.5	14.8	6.6	BDL (DL 0.5)
14/08/2025 to 15/08/2025	18.3	41.5	15.6	6.7	0.52
18/08/2025 to 19/08/2025	18.6	43.4	16.6	7.2	0.54
21/08/2025 to 22/08/2025	16.3	38.4	14.0	5.8	BDL (DL 0.5)
25/08/2025 to 26/08/2025	12.4	32.1	11.7	4.5	BDL (DL 0.5)
28/08/2025 to 29/08/2025	17.3	39.4	15.1	6.1	BDL (DL 0.5)
Minimum	11.9	31.3	10.8	3.7	0.52
Maximum	18.6	43.4	16.6	7.2	0.54
Average	15.56	37.21	13.82	5.71	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 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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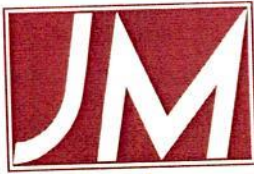
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End of Report



J.M. ENVIROLAB PVT. LTD.



TC-6821

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TEST REPORT

Name & Address of Unit: **M/s. Prism Johnson Limited**
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh

Report No.: **JME/A/250904601**
 Date of Reporting: **03/10/2025**
 Monitoring Month: **September, 2025**
 Sampling Protocol: **JMELPL/STOP/04**

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

Instrument Used for Sampling: **RDS & FPS**
 Latitude: **24° 34' 22" N**
 Longitude: **81° 1' 44" E**

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)
01/09/2025 to 02/09/2025	14.7	34.1	12.7	5.5	BDL (DL 0.5)
04/09/2025 to 05/09/2025	16.8	37.3	13.5	6.1	0.52
08/09/2025 to 09/09/2025	13.5	33.0	10.9	4.6	BDL (DL 0.5)
11/09/2025 to 12/09/2025	22.3	45.9	15.9	8.0	0.55
15/09/2025 to 16/09/2025	18.8	41.4	14.9	6.9	0.53
18/09/2025 to 19/09/2025	15.8	35.2	13.2	5.8	0.51
22/09/2025 to 23/09/2025	17.3	39.5	14.6	6.6	0.52
25/09/2025 to 26/09/2025	11.7	30.6	9.0	3.5	BDL (DL 0.5)
Minimum	11.7	30.6	9.0	3.5	0.51
Maximum	22.3	45.9	15.9	8.0	0.55
Average	16.35	37.13	13.10	5.86	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

Page No.1 of 1

Checked by
Deepak Singh Yadav



Reviewed & Authorized by
Rajkumar Yadav

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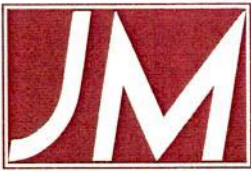
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TEST REPORT

Name & Address of Unit: **M/s. Prism Johnson Limited**
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh

Report No.: **JME/A/250904602**
 Date of Reporting: **03/10/2025**
 Monitoring Month: **September, 2025**
 Sampling Protocol: **JMELPL/STOP/04**

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

Instrument Used for Sampling: **RDS & FPS**
 Latitude: **24° 36' 1" N**
 Longitude: **81° 0' 30" E**

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)
01/09/2025 to 02/09/2025	13.1	31.0	11.4	5.5	BDL (DL 0.5)
04/09/2025 to 05/09/2025	14.6	35.3	13.1	6.5	0.51
08/09/2025 to 09/09/2025	12.6	30.8	10.8	4.4	BDL (DL 0.5)
11/09/2025 to 12/09/2025	18.9	38.4	14.9	8.1	0.54
15/09/2025 to 16/09/2025	15.7	36.2	14.6	7.6	0.53
18/09/2025 to 19/09/2025	17.1	38.0	13.8	6.8	0.52
22/09/2025 to 23/09/2025	13.9	34.6	12.7	6.0	0.51
25/09/2025 to 26/09/2025	11.2	29.1	8.9	3.6	BDL (DL 0.5)
Minimum	11.2	29.1	8.9	3.6	0.51
Maximum	18.9	38.4	14.9	8.1	0.54
Average	14.63	34.17	12.52	6.06	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 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

Reviewed & Authorized by
Rajkumar Yadav

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TC-6821

TEST REPORT

Name & Address of Unit:	M/s. Prism Johnson Limited Chuli- Majhiyar Limestone Mine. 176.619 ha, Village- Chulhi and Majhiyar, Tehsil – Kotar, Distt- Satna, Madhya Pradesh	Report No.: Date of Reporting: Monitoring Month: Sampling Protocol:	JME/A/250904603 03/10/2025 September, 2025 JMELPL/STOP/04
Sample Description:	AMBIENT AIR QUALITY MONITORING	Instrument Used for Sampling:	RDS & FPS
Sampling Location:	Village- Malgaon	Latitude:	24° 36' 22" N
Sample Collected by:	JMELPL Team	Longitude:	81° 0' 19" E
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)
01/09/2025 to 02/09/2025	13.8	34.8	11.7	4.8	BDL (DL 0.5)
04/09/2025 to 05/09/2025	15.9	37.6	13.5	6.0	BDL (DL 0.5)
08/09/2025 to 09/09/2025	12.2	31.4	11.4	4.4	BDL (DL 0.5)
11/09/2025 to 12/09/2025	18.2	42.5	16.3	7.1	0.55
15/09/2025 to 16/09/2025	17.9	40.7	15.3	6.6	0.53
18/09/2025 to 19/09/2025	14.8	35.4	12.8	5.7	BDL (DL 0.5)
22/09/2025 to 23/09/2025	17.0	38.6	14.8	6.4	BDL (DL 0.5)
25/09/2025 to 26/09/2025	11.7	30.7	10.6	3.7	BDL (DL 0.5)
Minimum	11.7	30.7	10.6	3.7	0.53
Maximum	18.2	42.5	16.3	7.1	0.55
Average	15.19	36.46	13.29	5.59	0.54
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

Page No.1 of 1

Checked by
 Deepak Singh Yadav

Reviewed & Authorized by
 Rajkumar Yadav

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End of Report

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

TC-6821

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TEST REPORT

Sample Number: **JME/PJCL/FD/15**
Name & Address of Unit: **M/s. Prism Johnson Limited
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh**

Report No.: **JME/FD/250616685**
Format No.: **7.5 F-02**
Party Reference No.: **Nil**
Reporting Date: **19/06/2025**
Analysis Completion Date: **19/06/2025**
Analysis Start Date: **16/06/2025**
Receipt Date: **16/06/2025**

Sample Description: **FUGITIVE EMISSION****General Information**

Client Representative (Name & Designation)

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

Sample collected by

JMELPL Team

Sampling Location

Near Haul Road

Instrument used

HVS

Instrument code

JME/HVS/01/01

Instrument calibration status

Calibrated

Meteorological condition during monitoring

Clear Sky

Date of Monitoring

14/06/2025

Time of Monitoring

08:30 to 12:34 Hrs.

Duration of Monitoring, (minutes)

240.0

Ambient Temperature (°C)

40.0

Surrounding activity

Operational Activities

Sampling Protocol

JMELPL/STOP/04

Parameter Required

SPM**TEST RESULTS**

S. No.	Parameters	Testing Protocol	Result	Unit
1.	Suspended Particulate Matter	JMELPL/STOP/03	465.0	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

Checked by

Deepak Singh Yadav

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

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****End of Report****



J.M. ENVIROLAB PVT. LTD.



TC-6821

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TEST REPORT

Sample Number: **JME/PJCL/FD/16**
 Name & Address of Unit: **M/s. Prism Johnson Limited**
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh

Report No.: **JME/FD/250616686**
 Format No.: **7.5 F-02**
 Party Reference No.: **Nil**
 Reporting Date: **19/06/2025**
 Analysis Completion Date: **19/06/2025**
 Analysis Start Date: **16/06/2025**
 Receipt Date: **16/06/2025**

Sample Description: **FUGITIVE EMISSION**

General Information

Client Representative (Name & Designation)

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

Sample collected by

Sampling Location

Near Drilling/Loading Point

Instrument used

HVS

Instrument code

JME/HVS/01/01

Instrument calibration status

Calibrated

Meteorological condition during monitoring

Clear Sky

Date of Monitoring

14/06/2025

Time of Monitoring

14:15 to 18:15 Hrs.

Duration of Monitoring, (minutes)

240.0

Ambient Temperature (°C)

35.0

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	503.0	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 Singh Yadav

Checked by
Deepak Singh Yadav



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Sita Ram Yadav

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30 years of success

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CIN No.: U74220HR2011PTC086766



TC-6821

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TEST REPORT

Sample Number: **JME/PJCL/FD/15**
Name & Address of Unit: **M/s. Prism Johnson Limited
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh**

Report No.: **JME/FD/250904685**
Format No.: **7.8 F-02**
Party Reference No.: **Nil**
Reporting Date: **09/09/2025**
Analysis Completion Date: **09/09/2025**
Analysis Start Date: **04/09/2025**
Receipt Date: **04/09/2025**

Sample Description: **FUGITIVE EMISSION**

General Information

Client Representative (Name & Designation)

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

Sample collected by

JMELPL Team

Sampling Location

Near Haul Road

Instrument used

HVS

Instrument code

JME/HVS/01/01

Instrument calibration status

Calibrated

Meteorological condition during monitoring

Cloudy Sky

Date of Monitoring

02/09/2025

Time of Monitoring

09:14 to 13:16 Hrs.

Duration of Monitoring, (minutes)

240.0

Ambient Temperature (°C)

29.0

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	402.0	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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Deepak Singh Yadav



Reviewed & Authorized by
Rajkumar Yadav

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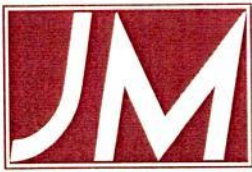
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TEST REPORT

Sample Number: **JME/PJCL/FD/16**
 Name & Address of Unit: **M/s. Prism Johnson Limited
 Chull- Majhiyar Limestone Mine. 176.619 ha,
 Village- Chulhi and Majhiyar,
 Tehsil – Kotar, Distt- Satna, Madhya Pradesh**

Report No.: **JME/FD/250904686**
 Format No.: **7.8 F-02**
 Party Reference No.: **Nil**
 Reporting Date: **09/09/2025**
 Analysis Completion Date: **09/09/2025**
 Analysis Start Date: **04/09/2025**
 Receipt Date: **04/09/2025**

Sample Description: **FUGITIVE EMISSION**

General Information

Client Representative (Name & Designation)

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

Sample collected by

Near Drilling/Loading Point

Sampling Location

Instrument used

HVS

Instrument code

JME/HVS/01/01

Instrument calibration status

Calibrated

Meteorological condition during monitoring

Cloudy Sky

Date of Monitoring

02/09/2025

Time of Monitoring

14:07 to 18:10 Hrs.

Duration of Monitoring, (minutes)

240.0

Ambient Temperature (°C)

29.0

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	455.0	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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****End of Report****



Government of India
Ministry of Jal Shakti
Department of Water Resources, River Development and
Ganga Rejuvenation
Central Ground Water Authority (CGWA)



**Application for Issue of NOC to Abstract Ground Water
(NOCAP)**

Welcome: EONorthCentR

Previous Login Date Time: 01/03/2024 12:36:17 PM , IP Address: 164.100.177.244

[Logout](#)

New - Mining Issued Letter Details

Application Number : 21-4/1084/MP/MIN/2021

Application Code :

55266

1. General Miningormation:

Water Quality Type: *

Fresh Water

Application Type Category/ Type of Application: *

Limestone

(i) Name of Mining: *

PROPOSED LIMESTONE MINE_ML AREA 176.619 HA

(ii) Location Details of the Mining Unit

Address Line 1: *

VILLAGES CHULHI AND MAJHIYAR

Address Line 2:

TEHSIL KOTAR

Address Line 3:

State: *

MADHYA PRADESH

District: *

SATNA

Sub-District: *

RAMPUR BAGHELAN

Village/Town: *

Chulhi

Area Type: *

Non-Notified

Area Type Category: *

Semi Critical

(iii) Communication Address

Address Line 1: *

305

Address Line 2:

LAXMI NIWAS APARTMENTS

Address Line 3:

AMEERPET

State: *

TELANGANA

District: *

HYDERABAD

Sub-District:

AMEERPET

Pincode: *

500016

Phone Number with Area Code:

Mobile Number: *	91-8877611114																						
Fax Number:																							
E-Mail: *	manoj.singh@prismjohnson.in																						
(iv) Salient Features of the Mining Activity:																							
M/s Prism Johnson Limited (formerly Prism Cement Limited) is proposing Proposed Limestone Mine (ML Area 176.619 ha.) with 3.0 Million TPA Limestone Production Capacity and 1.135 Million TPA Overburden including Soil (Total Excavation 4.135 Million TPA) at Villages Chulhi and Majhiyar, Tehsil Kotar, District Satna, Madhya Pradesh.																							
(v) Whether Ground Water Utilization for:	New Industry																						
2. Application Status	Approved																						
3. Issued Letter Details																							
(i) Letter Type	NOC Letter (NOC Number: CGWA/NOC/MIN/ORIG/2022/14880)																						
(ii) Letter Date	29/02/2024 00:00:00																						
(iii) Validity Start Date:	23/03/2024																						
(iv) Validity End Date:	22/03/2026																						
(v) Water Quality:	Fresh Water																						
(vi) Ground Water Abstraction Approved	3 (m ³ /day) 300 (m ³ /day) (Mine seepage/Dewatering, if any) 303 (m ³ /day) (Total) 900 (m ³ /year) 90000 (m ³ /year) (Mine seepage/Dewatering, if any)																						
(vi) Numbers / Types of Existing and Additional Ground Water Abstraction Structures Recommended to Approve	<table><tr><td>Existing:</td><td><table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr><tr><td>1</td><td>Borewell</td><td>1</td></tr></table></td></tr><tr><td>Proposed / Additional:</td><td><table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr><tr><td colspan="3">No Records exist in Groundwater Abstraction Structure-Existing.</td></tr></table></td></tr></table>	Existing:	<table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr><tr><td>1</td><td>Borewell</td><td>1</td></tr></table>	Detail of Structures			SNo.	Type of Structure Name	Type of Structure No	1	Borewell	1	Proposed / Additional:	<table><tr><th colspan="3">Detail of Structures</th></tr><tr><th>SNo.</th><th>Type of Structure Name</th><th>Type of Structure No</th></tr><tr><td colspan="3">No Records exist in Groundwater Abstraction Structure-Existing.</td></tr></table>	Detail of Structures			SNo.	Type of Structure Name	Type of Structure No	No Records exist in Groundwater Abstraction Structure-Existing.		
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Detail of Structures																							
SNo.	Type of Structure Name	Type of Structure No																					

No Records exist in Groundwater Abstraction Structure-Existing.

(vii) Recommendation for Quantum of Rainwater Runoff / Artificial Recharge to be Harvested. 0 (m³/year)

Official Document

Sr.No.	Attachment Name	File Name	Submitted On	Submitted By	View File
1	request mail and documents for extension	request mail and documents for extension.pdf	29/02/2024	AONorthCentR	View
2	Inspection report and field photographs	Inspection report and field photographs.pdf	29/02/2024	AONorthCentR	View

Issued Letter History

S.No.	Project Name	Application Number	Issue Letter Date	Validity Start Date	Validity End Date	Digital Signed	NOC Abs	NOC Abs Dew	NOC For Abstraction And Dewatering	Issued Letter Type Name	Digital Signed Letter	Scan Letter
1	PROPOSED LIMESTONE MINE_ML AREA 176.619 HA	21-4/1084/MP/MIN/2021	23/03/2022	23/03/2022	22/03/2024	No	Yes	No	No	NOC Letter		View
2	PROPOSED LIMESTONE MINE_ML AREA 176.619 HA	21-4/1084/MP/MIN/2021	23/03/2022	23/03/2022	22/03/2024	No	No	No	No	NOC Letter		

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

TC-6821

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

TEST REPORT

Name & Address of Unit: **M/s. Prism Johnson Limited.**
(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**

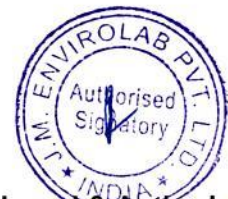
Client Representative **Mr. Sumitabh Dwivedi**
(Name & Designation): **(Assistant General Manager- Environment)**

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

Page No.1 of 1

Checked by
Abhishek Tiwari

Reviewed & Authorized by
Rajkumar Yadav**Note:**

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****End of Report****



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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**

Date of Reporting: **03/10/2025**

Sample Description: **Ground Water Level Monitoring**

Receipt Date: **29/09/2025**

Client Representative **Mr. Sumitabh Dwivedi**
(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

Page No.1 of 1

Srishti
Checked by
Srishti Mehta



Reviewed & Authorized by
Pallavi Verma

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****End of Report****



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TC-6821

TEST REPORT

Sample Number: **JME/PJCL/W/11**
 Name & Address of Unit: **M/s. Prism Johnson Limited**
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh
 Sample Description: **Ground Water**
 Sampling Location: **Village Malgaon Hand Pump**
 Client Representative: **Mr. Sumitabh Dwivedi**
 (Name & Designation): **(Assistant General Manager- Environment)**
 Sample collected by: **JMELPL Team**
 Parameter Required: **As per work order**
 Latitude: **24° 36' 19" N**
 Longitude: **81° 0' 17" E**
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/W/250616011**
 Format No.: **7.8 F-01**
 Party Reference: **NIL**
 Reporting Date: **20/06/2025**
 Analysis Completion Date: **20/06/2025**
 Analysis Start Date: **16/06/2025**
 Receipt Date: **16/06/2025**
 Sampling Date: **14/06/2025**
 Sampling Type: **Grab**
 Preservation: **Refrigerated**
 Packing Status: **Temporary Sealed**
 Environmental Condition: **Temp. 40°C; Cloudy**
 During Sampling: **Sky**
 Sample Quantity: **Approx. 5.0 Litre**

TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11)	7.52	-	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)	428.0	mg/l	200	600
6.	Calcium as Ca	IS:3025 (Part-40)	115.0	mg/l	75	200
7.	Magnesium as Mg	IS:3025 (Part-46)	34.31	mg/l	30	100
8.	Chloride as Cl	IS:3025 (Part-32)	29.52	mg/l	250	1000
9.	Alkalinity as CaCO ₃	IS:3025 (Part-23)	297.0	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)	624.0	mg/l	500	2000
13.	Sulphate as SO ₄	APHA 23rd Edition, 4500-SO ₄ -C/D/E	58.34	mg/l	200	400
14.	Fluoride as F	APHA 23rd Edition, 4500-F- D	0.16	mg/l	1	1.5

Page No. 1 of 2

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Abhishek Tiwari



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Rakumar Yadav

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J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC065756



TC-6821

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TEST REPORT

Sample Number: JME/PJCL/W/11

Report No.: JME/W/250616011

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)	6.14	mg/l	45	No Relaxation
16.	Iron as Fe	IS:3025 (Part-53)	BDL (DL 0.02)	mg/l	1	No Relaxation
17.	Phenols	APHA (23rd edition) 5540-Phenol-C/D	BDL (DL 0.05)	mg/l	0.001	0.002
18.	Hexa Chromium as Cr 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

Page No. 2 of 2


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Abhishek Tiwari


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Rajkumar Yadav

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End of Report



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CIN No. :U74220HR2011PTC085756

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TEST REPORT

Sample Number: JME/PJCLW/11
Name & Address of Unit: M/s. Prism Johnson Limited
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh
Sample Description: Ground Water
Sampling Location: Village Malgaon Hand Pump
Client Representative: Mr. Sumitabh Dwivedi
(Name & Designation): (Assistant General Manager- Environment)
Sample collected by: JMELPL Team
Parameter Required: As per work order
Latitude: 24° 36' 19" N
Longitude: 81° 0' 17" E
Sampling Protocol: JMELPL/STOP/04

Report No.: JME/W/250616011/N
Format No.: 7.8 F-01
Party Reference: NIL
Reporting Date: 20/06/2025
Analysis Completion Date: 20/06/2025
Analysis Start Date: 16/06/2025
Receipt Date: 16/06/2025
Sampling Date: 14/06/2025
Sampling Type: Grab
Preservation: Refrigerated
Packing Status: Temporary Sealed
Environmental Condition: Temp. 40°C; Cloudy
During Sampling: Sky
Sample Quantity: Approx. 250 ml

TEST RESULTS

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

Page No. 1 of 1

Checked by
Kumari Bhumika

Reviewed & Authorized by
Vineet Kumar

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End of Report



J.M. ENVIROLAB PVT. LTD.

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TC-6821

TEST REPORT

Sample Number: **JME/PJCL/W/19**
 Name & Address of Unit: **M/s. Prism Johnson Limited**
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh
 Sample Description: **Ground Water**
 Sampling Location: **Village-Chulhi Borewell**
 Client Representative: **Mr. Sumitabh Dwivedi**
 (Name & Designation): **(Assistant General Manager- Environment)**
 Sample collected by: **JMELPL Team**
 Parameter Required: **As per work order**
 Latitude: **24° 34' 10" N**
 Longitude: **81° 0' 7" E**
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/W/250616019**
 Format No.: **7.8 F-01**
 Party Reference: **NIL**
 Reporting Date: **20/06/2025**
 Analysis Completion Date: **20/06/2025**
 Analysis Start Date: **16/06/2025**
 Receipt Date: **16/06/2025**
 Sampling Date: **14/06/2025**
 Sampling Type: **Grab**
 Preservation: **Refrigerated**
 Packing Status: **Temporary Sealed**
 Environmental Condition: **Temp. 40°C; Cloudy**
 During Sampling: **Sky**
 Sample Quantity: **Approx. 5.0 Litre**

TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11)	7.65	-	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)	304.0	mg/l	200	600
6.	Calcium as Ca	IS:3025 (Part-40)	72.52	mg/l	75	200
7.	Magnesium as Mg	IS:3025 (Part-46)	29.93	mg/l	30	100
8.	Chloride as Cl	IS:3025 (Part-32)	41.62	mg/l	250	1000
9.	Alkalinity as CaCO ₃	IS:3025 (Part-23)	265.0	mg/l	200	600
10.	Residual free Chlorine	IS:3025 (Part-26)	BDL (DL 0.2)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27)	BDL (DL 0.02)	mg/l	0.05	No Relaxation
12.	Total Dissolved Solids	IS:3025 (Part-16)	403.0	mg/l	500	2000
13.	Sulphate as SO ₄	APHA 23rd Edition, 4500-SO ₄ -C/D/E	16.55	mg/l	200	400
14.	Fluoride as F	APHA 23rd Edition, 4500-F- D	0.25	mg/l	1	1.5

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TC-6821

TEST REPORT

Sample Number: JME/PJCL/W/19

Report No.: JME/W/250616019

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)	3.02	mg/l	45	No Relaxation
16.	Iron as Fe	IS:3025 (Part-53)	0.05	mg/l	1	No Relaxation
17.	Phenols	APHA (23rd edition) 5540-Phenol-C/D	BDL (DL 0.05)	mg/l	0.001	0.002
18.	Hexa Chromium as Cr 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

Page No. 2 of 2

Checked by
Abhishek Tiwari

Reviewed & Authorized by
Raj Kumar Yadav

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End of Report



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TEST REPORT

Sample Number: **JME/PJCLW/19**
 Name & Address of Unit: **M/s. Prism Johnson Limited**
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh
 Sample Description: **Ground Water**
 Sampling Location: **Village-Chulhi Borewell**
 Client Representative: **Mr. Sumitabh Dwivedi**
 (Name & Designation): **(Assistant General Manager- Environment)**
 Sample collected by: **JMELPL Team**
 Parameter Required: **As per work order**
 Latitude: **24° 34' 10" N**
 Longitude: **81° 0' 7" E**
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/W/250616019/N**
 Format No.: **7.8 F-01**
 Party Reference: **NIL**
 Reporting Date: **20/06/2025**
 Analysis Completion Date: **20/06/2025**
 Analysis Start Date: **16/06/2025**
 Receipt Date: **16/06/2025**
 Sampling Date: **14/06/2025**
 Sampling Type: **Grab**
 Preservation: **Refrigerated**
 Packing Status: **Temporary Sealed**
 Environmental Condition: **Temp. 40°C; Cloudy**
 During Sampling: **Sky**
 Sample Quantity: **Approx. 250 ml**

TEST RESULTS

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

Page No. 1 of 1

Checked by
Kumari Bhumika

Reviewed & Authorized by
Vineet Kumar



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TC-6821

TEST REPORT

Sample Number: **JME/PJCLW/11**
 Name & Address of Unit: **M/s. Prism Johnson Limited**
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh
 Sample Description: **Ground Water**
 Sampling Location: **Village Malgaon Hand Pump**
 Client Representative: **Mr. Sumitabh Dwivedi**
 (Name & Designation): **(Assistant General Manager- Environment)**
 Sample collected by: **JMELPL Team**
 Parameter Required: **As per work order**
 Latitude: **24° 36' 19" N**
 Longitude: **81° 0' 17" E**
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/W/250923011**
 Format No.: **7.8 F-01**
 Party Reference: **NIL**
 Reporting Date: **30/09/2025**
 Analysis Completion Date: **30/09/2025**
 Analysis Start Date: **23/09/2025**
 Receipt Date: **23/09/2025**
 Sampling Date: **22/09/2025**
 Sampling Type: **Grab**
 Preservation: **Refrigerated**
 Packing Status: **Temporary Sealed**
 Environmental Condition: **Temp. 30°C; Clear**
 During Sampling: **Sky**
 Sample Quantity: **Approx. 5.0 Litre**

TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11)	7.45	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4)	BDL (DL 1.0)	Hazen Unit	5	15
3.	Odour	IS:3025 (Part-5)	Agreeable	-	Agreeable	Agreeable
4.	Taste	IS:3025 (Part-8)	Agreeable	-	Agreeable	Agreeable
5.	Turbidity	IS:3025 (Part-10)	BDL (DL 1.0)	NTU	1	5
6.	Total Hardness as CaCO ₃	IS:3025 (Part-21)	416.0	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40)	104.0	mg/l	75	200
8.	Magnesium	IS:3025 (Part-46)	38.07	mg/l	30	100
9.	Chloride as Cl	IS:3025 (Part-32)	25.64	mg/l	250	1000
10.	Alkalinity as CaCO ₃	IS:3025 (Part-23)	305.0	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)	624.0	mg/l	500	2000
14.	Sulphate as SO ₄	APHA 24th Edition, 4500-SO ₄ -E	65.76	mg/l	200	400
15.	Fluoride as F	APHA 24th Edition, 4500-F- D	0.26	mg/l	1	1.5
16.	Nitrate Nitrogen as NO ₃	IS:3025 (Part-34) sec 1: Para 6.3, Cadmium reduction method	7.22	mg/l	45	No Relaxation
17.	Iron	IS:3025 (Part-53)	BDL (DL 0.02)	mg/l	1	No Relaxation

Page No. 1 of 3

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Srishti Mehta



Reviewed & Authorized by
Pallavi Verma

Note:

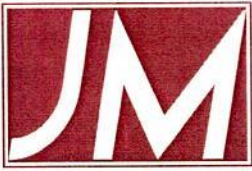
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TC-6821

TEST REPORT

Sample Number: JME/PJCL/W/11

Report No.: JME/W/250923011

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

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

Page No. 2 of 3

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Srishti Mehta



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Pallavi Verma

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TC-6821

TEST REPORT

Sample Number:	JME/PJCLW/11	Report No.:	JME/W/250923011
Name & Address of Unit:	M/s. Prism Johnson Limited Chuli- Majhiyar Limestone Mine. 176.619 ha, Village- Chulhi and Majhiyar, Tehsil – Kotar, Distt- Satna, Madhya Pradesh	Format No.:	7.8 F-01
Sample Description:	Ground Water	Party Reference:	NIL
Sampling Location:	Village Malgaon 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° 36' 19" N	Sampling Date:	22/09/2025
Longitude:	81° 0' 17" E	Sampling Type:	Grab
Sampling Protocol:	JMELPL/STOP/04	Preservation:	Refrigerated
		Packing Status:	Temporary Sealed
		Environmental Condition	Temp. 30°C; Clear
		During Sampling:	Sky
		Sample Quantity:	Approx. 250 ml

TEST RESULTS

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

Page No. 3 of 3

Checked by
Vineet Kumar

Reviewed & Authorized by
Kumari Bhumika

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TC-6821

TEST REPORT

Sample Number: **JME/PJCLW/19**
 Name & Address of Unit: **M/s. Prism Johnson Limited**
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh
 Sample Description: **Ground Water**
 Sampling Location: **Village-Chulhi Borewell**
 Client Representative: **Mr. Sumitabh Dwivedi**
 (Name & Designation): **(Assistant General Manager- Environment)**
 Sample collected by: **JMELPL Team**
 Parameter Required: **As per work order**
 Latitude: **24° 34' 10" N**
 Longitude: **81° 0' 7" E**
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/W/250923019**
 Format No.: **7.8 F-01**
 Party Reference: **NIL**
 Reporting Date: **30/09/2025**
 Analysis Completion Date: **30/09/2025**
 Analysis Start Date: **23/09/2025**
 Receipt Date: **23/09/2025**
 Sampling Date: **22/09/2025**
 Sampling Type: **Grab**
 Preservation: **Refrigerated**
 Packing Status: **Temporary Sealed**
 Environmental Condition: **Temp. 30°C; Clear**
 During Sampling: **Sky**
 Sample Quantity: **Approx. 5.0 Litre**

TEST RESULTS

Sl. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11)	7.42	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4)	BDL (DL 1.0)	Hazen Unit	5	15
3.	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)	312.0	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40)	76.28	mg/l	75	200
8.	Magnesium	IS:3025 (Part-46)	29.59	mg/l	30	100
9.	Chloride as Cl	IS:3025 (Part-32)	45.72	mg/l	250	1000
10.	Alkalinity as CaCO ₃	IS:3025 (Part-23)	273.0	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)	469.0	mg/l	500	2000
14.	Sulphate as SO ₄	APHA 24th Edition, 4500-SO ₄ -E	19.36	mg/l	200	400
15.	Fluoride as F	APHA 24th Edition, 4500-F- D	0.36	mg/l	1	1.5
16.	Nitrate Nitrogen as NO ₃	IS:3025 (Part-34) sec 1: Para 6.3, Cadmium reduction method	3.15	mg/l	45	No Relaxation
17.	Iron	IS:3025 (Part-53)	0.08	mg/l	1	No Relaxation

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 Srishti Mehta



Reviewed & Authorized by
 Pallavi Verma

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TC-6821

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TEST REPORT

Sample Number: JME/PJCL/W/19

Report No.: JME/W/250923019

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 2

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Srishti Mehta



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Pallavi Verma

Note:

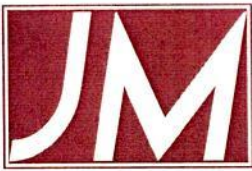
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TEST REPORT

Sample Number:	JME/PJCLW/19	Report No.:	JME/W/250923019
Name & Address of Unit:	M/s. Prism Johnson Limited Chuli- Majhiyar Limestone Mine. 176.619 ha, Village- Chulhi and Majhiyar, Tehsil – Kotar, Distt- Satna, Madhya Pradesh	Format No.:	7.8 F-01
		Party Reference:	NIL
Sample Description:	Ground Water	Reporting Date:	30/09/2025
Sampling Location:	Village-Chulhi Borewell	Analysis Completion Date:	30/09/2025
Client Representative (Name & Designation):	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Analysis Start Date:	23/09/2025
Sample collected by:	JMELPL Team	Receipt Date:	23/09/2025
Parameter Required:	As per work order	Sampling Date:	22/09/2025
Latitude:	24° 34' 10" N	Sampling Type:	Grab
Longitude:	81° 0' 7" E	Preservation:	Refrigerated
Sampling Protocol:	JMELPL/STOP/04	Packing Status:	Temporary Sealed
		Environmental Condition	Temp. 30°C; Clear
		During Sampling:	Sky
		Sample Quantity:	Approx. 250 ml

TEST RESULTS

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

Page No. 3 of 3

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TC-6821

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TEST REPORT

Sample Number: **JME/PJCL/SW/03**
 Name & Address of Unit: **M/s. Prism Johnson Limited**
Chuli- Majhiyar Limestone Mine. 176.619 ha, Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh
 Sample Description: **Surface Water**
 Sampling Location: **Chuli-Majhiyar Limestone Mine 176.619 Ha-Pit Water**
 Client Representative (Name & Designation): **Mr. Sumitabh Dwivedi**
(Assistant General Manager- Environment)
 Sample collected by: **JMELPL Team**
 Parameter Required: **As per work order**
 Latitude: **--**
 Longitude: **--**
 Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/W/250616003**
 Format No.: **7.8 F-01**
 Party Reference: **NIL**
 Reporting Date: **20/06/2025**
 Analysis Completion Date: **20/06/2025**
 Analysis Start Date: **16/06/2025**
 Receipt Date: **16/06/2025**
 Sampling Date: **14/06/2025**
 Sampling Type: **Grab**
 Preservation: **Refrigerated**
 Packing Status: **Temporary Sealed**
 Environmental Condition During Sampling: **Temp. 40°C; Cloudy Sky**
 Sample Quantity: **Approx. 5.0 Litre**

TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.52
2.	Colour	IS:3025 (Part-4)	Hazen	BDL (DL 1.0)
3.	Turbidity	IS:3025 (Part-10)	NTU	BDL(DL 1.0)
4.	Odour	IS:3025 (Part-5)	-	Agreeable
5.	Total Hardness as CaCO ₃	IS:3025 (Part-21)	mg/l	238.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	57.39
7.	Alkalinity as CaCO ₃	IS:3025 (Part-23)	mg/l	198.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	14.28
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	23.06
12.	Total Dissolved Solids	IS:3025 (Part-16)	mg/l	388.0
13.	Sulphate as SO ₄	APHA 23rd Edition, 4500-SO ₄ -C/D/E	mg/l	92.55
14.	Fluoride as F	APHA 23rd Edition, 4500-F- D	mg/l	0.92
15.	Nitrate as NO ₃	IS:3025 (Part-34)	mg/l	0.64
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

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Abhishek Tiwari

Reviewed & Authorized by
Rajkumar Yadav

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TC-6821

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TEST REPORT

Sample Number: JME/PJCL/SW/03

Report No.: JME/SW/250616003

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	3.5
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	2.6
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	9.0
33.	Sodium as Na	IS:3025 (Part-45)	mg/l	25.0
34.	Potassium as K	IS:3025 (Part-45)	mg/l	6.0
35.	Conductivity	IS:3025 (Part-14)	µs/cm	597.0
36.	Nickel as Ni	IS:3025 (Part-54)	mg/l	BDL (DL 0.005)
37.	Dissolve Oxygen	IS:3025 (Part-54)	mg/l	8.1

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

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End of Report



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TEST REPORT

Sample Number:	JME/PJCL/SW/04	Report No.:	JME/W/250616004
Name & Address of Unit:	M/s. Prism Johnson Limited Chuli- Majhiyar Limestone Mine. 176.619 ha, Village- Chulhi and Majhiyar, Tehsil – Kotar, Distt- Satna, Madhya Pradesh	Format No.:	7.8 F-01
Sample Description:	Surface Water	Party Reference:	NIL
Sampling Location:	Chuli Majhiyar Mines Area 176.619 Ha - Discharge Water	Reporting Date:	20/06/2025
Client Representative (Name & Designation):	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Analysis Completion Date:	20/06/2025
Sample collected by:	JMELPL Team	Analysis Start Date:	16/06/2025
Parameter Required:	As per work order	Receipt Date:	16/06/2025
Latitude:	--	Sampling Date:	14/06/2025
Longitude:	--	Sampling Type:	Grab
Sampling Protocol:	JMELPL/STOP/04	Preservation:	Refrigerated
		Packing Status:	Temporary Sealed
		Environmental Condition	Temp. 40°C; Cloudy
		During Sampling:	Sky
		Sample Quantity:	Approx. 5.0 Litre

TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.69
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	245.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	52.49
7.	Alkalinity as CaCO ₃	IS:3025 (Part-23)	mg/l	206.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	20.52
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	27.73
12.	Total Dissolved Solids	IS:3025 (Part-16)	mg/l	382.0
13.	Sulphate as SO ₄	APHA 23rd Edition, 4500-SO ₄ -C/D/E	mg/l	80.55
14.	Fluoride as F	APHA 23rd Edition, 4500-F- D	mg/l	0.81
15.	Nitrate as NO ₃	IS:3025 (Part-34)	mg/l	0.55
16.	Iron as Fe	IS:3025 (Part-53)	mg/l	0.06
17.	Aluminium	IS:3025 (Part-55)	mg/l	BDL (DL 0.03)
18.	Boron	IS:3025 (Part-57)	mg/l	BDL (DL 0.20)
19.	Phenolic Compounds	APHA 23rd edition 5540-Phenol-C/D	mg/l	BDL (DL 0.001)
20.	Anionic Detergents as MBAS	APHA 23rd Edition, 5540-C	mg/l	BDL (DL 0.02)
21.	Hexa Chromium as Cr+6	IS:3025 (Part-52)	mg/l	BDL (DL 0.03)
22.	Zinc as Zn	IS:3025 (Part-49)	mg/l	BDL (DL 0.0005)
23.	Copper as Cu	IS:3025 (Part-42)	mg/l	BDL (DL 0.02)

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TC-6821

TEST REPORT

Sample Number: **JME/PJCL/SW/04**Report No.: **JME/SW/250616004**

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	5.2
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	2.9
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	10.0
33.	Sodium as Na	IS:3025 (Part-45)	mg/l	25.0
34.	Potassium as K	IS:3025 (Part-45)	mg/l	6.0
35.	Conductivity	IS:3025 (Part-14)	µs/cm	589.0
36.	Nickel as Ni	IS:3025 (Part-54)	mg/l	BDL (DL 0.005)
37.	Dissolve Oxygen	IS:3025 (Part-54)	mg/l	7.8

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

Page 2 of 2

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****End of Report****



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TC-6821

TEST REPORT

Sample Number: **JME/PJCL/SW/03**
 Name & Address of Unit: **M/s. Prism Johnson Limited**
Chuli- Majhiyar Limestone Mine. 176.619 ha, Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh
 Sample Description: **Surface Water**
 Sampling Location: **Chuli-Majhiyar Limestone Mine 176.619 Ha-Pit Water**
 Client Representative (Name & Designation): **Mr. Sumitabh Dwivedi**
(Assistant General Manager- Environment)
 Sample collected by: **JMELPL Team**
 Parameter Required: **As per work order**
 Latitude: **-**
 Longitude: **-**
 Sampling Protocol: **JMELPL/STOP/04**

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

TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.68
2.	Colour	IS:3025 (Part-4)	Hazen	BDL (DL 1.0)
3.	Turbidity	IS:3025 (Part-10)	NTU	BDL(DL 1.0)
4.	Odour	IS:3025 (Part-5)	-	Agreeable
5.	Total Hardness as CaCO ₃	IS:3025 (Part-21)	mg/l	249.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	61.34
7.	Alkalinity as CaCO ₃	IS:3025 (Part-23)	mg/l	205.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	16.82
9.	Residual Chlorine	IS:3025 (Part-26)	mg/l	BDL (DL 0.2)
10.	Cyanide	IS:3025 (Part-27) sec 1	mg/l	BDL (DL 0.02)
11.	Magnesium as Mg	IS:3025 (Part-46)	mg/l	23.34
12.	Total Dissolved Solid	IS:3025 (Part-16)	mg/l	397.0
13.	Sulphate as SO ₄	APHA 24th Edition, 4500-SO ₄ -E	mg/l	97.36
14.	Fluoride as F	APHA 24th Edition, 4500-F- D	mg/l	0.83
15.	Nitrate Nitrogen as NO ₃	IS:3025 (Part-34) sec 1: Para 6.3, Cadmium reduction method	mg/l	0.75
16.	Iron	IS:3025 (Part-53)	mg/l	BDL (DL 0.02)
17.	Aluminium	IS:3025 (Part-55)	mg/l	BDL (DL 0.03)
18.	Boron as B	IS:3025 (Part-57)	mg/l	BDL (DL 0.2)
19.	Phenols	APHA 24th Edition 5530-Phenol-D, Direct Photometric	mg/l	BDL (DL 0.001)
20.	Anionic Surfactant	APHA 24th Edition, 5540-C	mg/l	BDL (DL 0.02)
21.	Hexa Chromium as Cr+6	IS:3025 (Part-52)	mg/l	BDL (DL 0.03)
22.	Zinc	IS:3025 (Part-49)	mg/l	BDL (DL 0.1)
23.	Copper	IS:3025 (Part-42)	mg/l	BDL (DL 0.02)

Srishti
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 Srishti Mehta

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TC-6821

TEST REPORT

Sample Number: **JME/PJCL/SW/03**

Report No.: **JME/SW/250923004**

S. No.	Parameters	Testing Protocol	Unit	Result
24.	Manganese	IS:3025 (Part-59)	mg/l	BDL (DL 0.08)
25.	Lead	IS:3025 (Part-47)	mg/l	BDL (DL 0.008)
26.	Selenium	IS:3025 (Part-56)	mg/l	BDL (DL 0.005)
27.	Arsenic	IS:3025 (Part-37)	mg/l	BDL (DL 0.002)
28.	Mercury	IS:3025 (Part-48)	mg/l	BDL (DL 0.001)
29.	Phosphate	APHA 24th Edition, 4500-P-C/D	mg/l	BDL (DL 0.02)
30.	Total Suspended Solid	IS:3025 (Part-17)	mg/l	5.1
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	2.3
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	8.0
33.	Sodium	IS:3025 (Part-45)	mg/l	20.0
34.	Potassium	IS:3025 (Part-45)	mg/l	3.0
35.	Conductivity	APHA 24th Edition, 2510 B	µs/cm	610.0
36.	Nickel	IS:3025 (Part-54)	mg/l	BDL (DL 0.005)
37.	Dissolve Oxygen	IS:3025 (Part-38)	mg/l	6.5

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

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TC-6821

TEST REPORT

Sample Number:	JME/PJCL/SW/04	Report No.:	JME/SW/250923008
Name & Address of Unit:	M/s. Prism Johnson Limited Chuli- Majhiyar Limestone Mine. 176.619 ha, Village- Chulhi and Majhiyar, Tehsil – Kotar, Distt- Satna, Madhya Pradesh	Format No.:	7.8 F-01
Sample Description:	Surface Water	Party Reference:	NIL
Sampling Location:	Chuli Majhiyar Mines Area 176.619 Ha - Discharge Water	Reporting Date:	30/09/2025
Client Representative (Name & Designation):	Mr. Sumitabh Dwivedi (Assistant General Manager- Environment)	Analysis Completion Date:	30/09/2025
Sample collected by:	JMELPL Team	Analysis Start Date:	23/09/2025
Parameter Required:	As per work order	Receipt Date:	23/09/2025
Latitude:	-	Sampling Date:	22/09/2025
Longitude:	-	Sampling Type:	Grab
Sampling Protocol:	JMELPL/STOP/04	Preservation:	Refrigerated
		Packing Status:	Temporary Sealed
		Environmental Condition During Sampling:	Temp. 30°C; Clear Sky
		Sample Quantity:	Approx. 5.0 Litre

TEST RESULTS

S. No.	Parameters	Testing Protocol	Unit	Result
1.	pH (at 25 °C)	IS:3025 (Part-11)	-	7.73
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	251.0
6.	Calcium as Ca	IS:3025 (Part-40)	mg/l	55.82
7.	Alkalinity as CaCO ₃	IS:3025 (Part-23)	mg/l	210.0
8.	Chloride as Cl	IS:3025 (Part-32)	mg/l	25.34
9.	Residual Chlorine	IS:3025 (Part-26)	mg/l	BDL (DL 0.2)
10.	Cyanide	IS:3025 (Part-27) sec 1	mg/l	BDL (DL 0.02)
11.	Magnesium as Mg	IS:3025 (Part-46)	mg/l	27.17
12.	Total Dissolved Solid	IS:3025 (Part-16)	mg/l	388.0
13.	Sulphate as SO ₄	APHA 24th Edition, 4500-SO ₄ -E	mg/l	86.26
14.	Fluoride as F	APHA 24th Edition, 4500-F- D	mg/l	0.89
15.	Nitrate Nitrogen as NO ₃	IS:3025 (Part-34) sec 1: Para 6.3, Cadmium reduction method	mg/l	0.49
16.	Iron	IS:3025 (Part-53)	mg/l	0.08
17.	Aluminium	IS:3025 (Part-55)	mg/l	BDL (DL 0.03)
18.	Boron as B	IS:3025 (Part-57)	mg/l	BDL (DL 0.2)
19.	Phenols	APHA 24th Edition 5530-Phenol-D, Direct Photometric	mg/l	BDL (DL 0.001)
20.	Anionic Surfactant	APHA 24th Edition, 5540-C	mg/l	BDL (DL 0.02)
21.	Hexa Chromium as Cr+6	IS:3025 (Part-52)	mg/l	BDL (DL 0.03)
22.	Zinc	IS:3025 (Part-49)	mg/l	BDL (DL 0.1)
23.	Copper	IS:3025 (Part-42)	mg/l	BDL (DL 0.02)

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TC-6821

TEST REPORT

Sample Number: **JME/PJCL/SW/04**

Report No.: **JME/SW/250923008**

S. No.	Parameters	Testing Protocol	Unit	Result
24.	Manganese	IS:3025 (Part-59)	mg/l	BDL (DL 0.08)
25.	Lead	IS:3025 (Part-47)	mg/l	BDL (DL 0.008)
26.	Selenium	IS:3025 (Part-56)	mg/l	BDL (DL 0.005)
27.	Arsenic	IS:3025 (Part-37)	mg/l	BDL (DL 0.002)
28.	Mercury	IS:3025 (Part-48)	mg/l	BDL (DL 0.001)
29.	Phosphate	APHA 24th Edition, 4500-P-C/D	mg/l	BDL (DL 0.02)
30.	Total Suspended Solid	IS:3025 (Part-17)	mg/l	4.1
31.	Biochemical Oxygen Demand	IS:3025 (Part-44)	mg/l	2.6
32.	Chemical Oxygen Demand	IS:3025 (Part-58)	mg/l	9.0
33.	Sodium	IS:3025 (Part-45)	mg/l	22.0
34.	Potassium	IS:3025 (Part-45)	mg/l	5.0
35.	Conductivity	APHA 24th Edition, 2510 B	µs/cm	597.0
36.	Nickel	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

Page 2 of 2

Srishti
Checked by
Srishti Mehta



Reviewed & Authorized by
Pallavi Verma

Note:

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

Reg. Office & Lab.

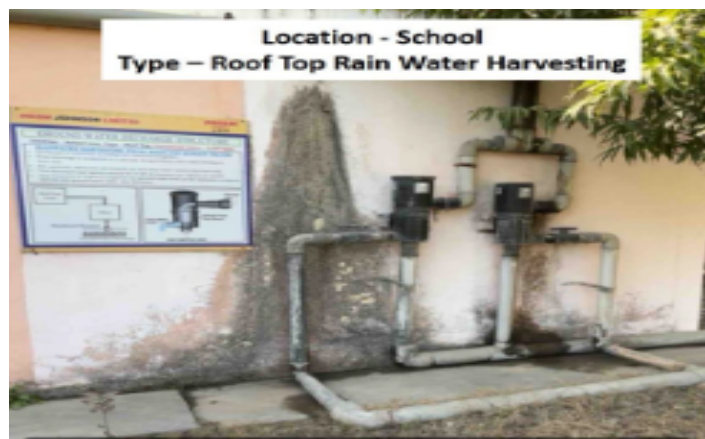
424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

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

****End of Report****

Annexure 15: Rain water harvesting
Rainwater Harvesting structure photographs

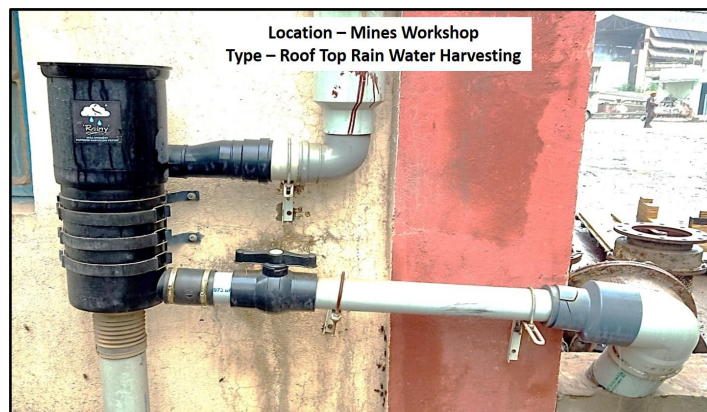




Location – E & G Type
Type – Rain Water Harvesting Soak Pit



Location – MRSS
Type – Roof Top Rain Water Harvesting



Location – Mines Workshop
Type – Roof Top Rain Water Harvesting



At DIC Land



At Cafeteria



Behind B-type



Consent Order

M.P. Pollution Control Board
E-5, Arera Colony
Paryavaran Parisar, Bhopal - 16 MP
Tele : 0755-2466191, Fax-0755-2463742

RED-LARGE
Outward No:120623,15/06/2024

CCA-Renewal

CONSENT NO: ***

Consent No: A W-60439

PCB ID: 131001

To,
The Occupier,
M/s. Prism Johnson Ltd. Chuli- Majhiyar Limestone Mine . 176.619 HA,
Village - Chulhi and Majhiyar, Tehsil – Kotar,
Distt- Satna (M.P.) Latitude : 24.3516 Longitude : 80.5856

Subject: Grant of Renewal of Consent under section 25 of the Water (Prevention & Control of Pollution) Act,1974 under section 21 of the Air (Prevention & Control of Pollution) Act,1981

Ref: Renewal of Consent Application R No. 1370222 Dt. 25/04/2024 and last communication received on Dt.02.05.2024

With reference to your above application for Renewal of Consent has been considered under the aforesaid Acts and existing rules therein. The M. P. Pollution Control Board has agreed to grant consent up to **30/09/2028**, subject to the fulfillment of the terms & conditions, enclosed with this letter and-

SUBJECT TO THE FOLLOWING CONDITIONS :-

- Location: Village - Chulhi and Majhiyar, Tehsil – Kotar, Distt- Satna (M.P.)
- Mining Lease area: 176.619 hect.
- Product & Production Capacity:

Product / Activity	Qty / year
Mining of Lime stone	3.0 Million Ton per year.
Generation of Soil/OB Waste	1.135 Million Ton per year

- For any change in above, industry shall obtain fresh consent from the Board.
- PP shall ensure that mining is done in sanctioned lease area; as per valid mining plan approved by the Regional Controller of MINES IBM Jabalpur for 5 years till 31.03.2029 vide letter No. 8818MCDR MPCOLSST/48/2023JBP dated 07.02.2024; & in compliance of the conditions laid in EC granted by MoEF & CC vide letter No. J-11015/86/2018-IA.II(M) dated 26.07.2021.
- PP shall ensure that area within 50 meters from kachcha road & within 100 meters from pucca road shall be reserved for development of plantations and demarcation of such area shall be done by the Revenue Officials in presence of Distt. Mining Authorities. PP shall prepare & get approval for the mining plan from the Competent Authority as per the need.
- PP shall ensure that no mining is done within 100 meters of any residential/public buildings, inhabited sites, protected monuments, heritage sites, National/State highways/District Roads, Railway lines/area, ropeways, bridges, dams/ reservoirs or any other water body. Mining between 100 to 200 meters of such structures shall be done without using explosives & if use of explosives is unavoidable it shall be done as per the site specific guidelines of the DGMS & Explosives Department of the GOI. The regulations for danger zone (500 meters) prescribed by Directorate General of Mines Safety shall also be complied compulsorily and necessary measures should be taken to minimise the impact on environment.
- Solid waste generated during mining process shall be stacked at earmarked site which shall be properly surrounded by garland drains & settling pits of adequate sizes so that no Soil/Silt/waste rock is discharged outside the mine lease area/ nearby water body blocking the natural flow of any nallah/river/pond. Top Soil / OB dump shall be biologically reclaimed.
- Evacuation of mineral shall not be through any village or forest area. PP shall provide pucca (Concreted/Ashphalted) approach road from main road to the mine site & ensure thick plantation on both side of this road to prevent dust/noise pollution.
- The dust generated during transportation of mineral & deposited on Approach/Haul roads shall be regularly removed by the road sweeping machines & suppressed by intermittent sprinkling of water on roads using pressurized water tankers of adequate capacity. PP shall practice regular compaction of loose material of haulage road & regular water sprinkling shall be done for control of generated fugitive emissions. Main haulage Road shall be provided with mist forming permanent water sprinklers on both sides to ensure control of dust during mineral transportation.

The Validity of the consent is up to **30/09/2028** and has to be renewed before expiry of consent validity. Online application through XGN with annual license fees in this regard shall be submitted to this office 6 months before expiry of the consent/Authorization. Board reserves the right to amend/cancel / revoke the above condition in part or whole as and when required.

Enclosures:-

* Conditions under Water Act* Conditions under Air Act* General conditions

CC to :-

- District Mining Officer, (Mining Section), Collector office, **Satna Dist. Satna (M.P.)** for information.
- M.P. State Mining Corporation, Arera Hills, Jail Road, Bhopal (M.P.) for necessary action please.
- Regional officer, Regional office, MPPCB, **Satna (M.P.)**

By the order of Chairman, MPPCB

ACHYUT ANAND MISHRA
Member Secretary

eSign
Digitally Sign with Aadhaar

(Organic Authentication on AADHAR from UIDAI Server)
TPAV # SYE6Y755Q8

CONDITIONS PERTAINING TO WATER (PREVENTION & CONTROL OF POLLUTION) ACT 1974 :-

1. The daily quantity of sewage shall not exceed 2.40 KL/day & it shall be treated through Septic tank Soak pit.

2. Trade Effluent Treatment:-

The applicant shall provide comprehensive effluent treatment system as per the proposal submitted to the Board and maintain the same properly to achieve following standards-

pH	Between	5.5 – 9.0	TDS	Not exceed	2100 mg/l.
Suspended Solids	Not exceed	100 mg/l.	Chlorides	Not exceed	1000 mg/l.
BOD 3 Days 270C	Not exceed	30 mg/l.			
COD	Not exceed	250 mg/l.			
Oil and grease	Not exceed	10 mg/l.			

For other parameters general standards of discharge as notified under EP Act 1986 shall be applicable.

3. Sewage Treatment :- The applicant shall provide comprehensive sewage treatment system as per the proposal submitted to the Board and maintain the same properly to achieve following standards-

pH	Between	5.5 – 9.0
Suspended Solids	Not exceed	100 mg/l.
BOD 3 Days 270C	Not exceed	30 mg/l.
COD	Not exceed	250 mg/l.
Oil and grease	Not exceed	10 mg/l.
pH	Between	5.5 – 9.0

Sr	Water Code (Qty in klpd - Kilo Ltr per Day)	WC : 39.000	WWG : 2.400	Water Source	Remark
1	Domestic Purpose	3.000	2.400	Borewell	Eff. Treated through Septic tank Soak pit
2	Dust Suppression	16.000	0.000	Mine Water	Rain harvested Mine pit water to be used.
3	Plantation / Horticulture	20.000	0.000	Mine Water	Rain harvested Mine pit water to be used.

4. The effluent shall be treated up to prescribed Standards and reuse in the process, for cooling and for green belt devolvement/gardening within premises. Hence zero discharge condition shall be practiced. In no case treated effluent shall be discharged outside of industry/unit premises.

5. Any change in production capacity, process, raw material used etc. and for any enhancement of the above prior permission of the Board shall be obtained. All authorized discharges shall be consistent with terms and conditions of this consent. Facility expansions, production increases or process modifications which result new or increased discharges of pollutants must be reported by submission of a fresh consent application for prior permission of the Board

6. All treatment/control facilities/systems installed or used by the applicant shall be regularly maintained in good working order and operate effectively/efficiently to achieve compliance of the terms and conditions of this consent

7. The specific effluent limitations and pollution control systems applicable to the discharge permitted herein are set forth as above conditions.

8. Compilation of Monitoring data-

i. Samples and measurements taken to meet the monitoring requirements specified above shall be representative of the volume and nature of monitored discharge.

ii. Following promulgation of guidelines establishing test procedures for the analysis of pollutants, all sampling and analytical methods used to meet the monitoring requirements specified above shall conform to such guidelines unless otherwise specified sampling and analytical methods shall conform to the latest edition of the Indian Standard specifications and where it is not specified the guidelines as per standard methods for the examination of Water and Waste latest edition of the American Public Health Association, New York U.S.A. shall be used.

iii. The applicant shall take samples and measurement to meet the monthly requirements specified above and report online through XGN the same to the Board.

9. Recording of Monitoring Activities & Results-

- i. The applicant shall make and maintain online records of all information resulting from monitoring activities by this Consent.
- ii. The applicant shall record for each measurement of samples taken pursuant to the requirements of this Consent as follows:
 - (i) The date, exact place and time of sampling
 - (ii) The dates on which analysis were performed
 - (iii) Who performed the analysis?
 - (iv) The analytical techniques or methods used and
 - (v) The result of all required analysis
- iii. If the applicant monitors any Pollutant more frequently as is by this Consent he shall include the results of such monitoring in the calculation and reporting of values required in the discharge monitoring reports which may be prescribed by the Board. Such increased frequency shall be indicated on the Discharge Monitoring Report Form.
- iv. The applicant shall retain for a minimum of 3 years all records of monitoring activities including all records of Calibration and maintenance of instrumentation and original strip chart regarding continuous monitoring instrumentation. The period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the applicant or when requested by Central or State Board or the court.

10. Reporting of Monitoring Results:-

Monitoring Information required by this Consent shall be summarized and reported by submitting a Discharge Monitoring report on line to the Board.

11. Limitation of discharge of oil Hazardous Substance in harmful quantities:-

The applicant shall not discharge oil or other hazardous substances in quantities defined as harmful in relevant regulations into natural water course. Nothing in this Consent shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities, or penalties to which the applicant is or may be subject to clauses.

12. Limitation of visible floating solids and foam:

During the period beginning date of issuance the applicant shall not discharge floating solids or visible foam.

13. Disposal of Collected Solid waste/sludge-

All hazardous waste/sludge shall be disposed of as per the Authorization issued under Hazardous & other waste (M&TM) Rules 2016. And/other Solids Sludge, dirt, silt or other pollutant separated from or resulting from treatment shall be disposed of in such a manner as to prevent any pollutant from such materials from entering any such water. Any live fish, Shell fish or other animal collected or trapped as a result of intake water screening or treatment may be returned to eaters body habitat.

14. Provision for Electric Power Failure-

The applicant shall assure to the consent issuing authority that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities utilized by the applicant to maintain compliance with the terms and conditions of the Consent.

15. Prohibition of Bypass system of treatment facilities-

The diversion or by-pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this Consent is prohibited except:

- i. where unavoidable to prevent loss of life or severe property damage, or
- ii. Where excessive storm drainage or run off would damage any facilities necessary for compliance with the terms and conditions of this Consent. The applicant shall immediately notify the consent issuing authorities in writing of each such diversion or by-pass in accordance with the procedure specified above for reporting non-compliance.

16. Industry/Institute/mine management shall submit the information online through XGN in reference to compliance of consent conditions.

Additional Water condition:-

- 1) The mine management shall maintain zero discharge condition.
- 2) Mine management shall made arrangements for ground water recharge.
- 3) Mine management shall ensure that the silt shall not flow to the nearby water body.
- 4) Mine management shall provide toilets along with septic tank and soak pit.
- 5) Mine shall treat mine water to the extent that it should meet the quality of drinking water source quality standards. The treated mine water should be used for beneficiation purposes such as plantation, irrigation etc

Consent No:AW-60449

CONDITIONS PERTAINING TO AIR (PREVENTION & CONTROL OF POLLUTION) ACT 1981 :-

1. The applicant shall provide comprehensive air pollution control system consisting of control equipments as per the proposal submitted to the Board with reference to generation of emission and same shall be operated & maintained continuously so as to achieve the level of pollutants to the following standards:-

Name of section	Capacity	Control equipment to be installed	SPM/RSPM/SO ₂ /NO _x (Time weighted Average)* (µg/Nm ³)
Loading-unloading, Haul road, Transportation, Crusher etc,	Fugitive Emission	Dust Collector, Dust Suppressor, Green Belt, Water Sprinkler, Wind Breaking Wall,	Annual average : 430 / 215/80/80 24 hour average : 600/300/120/120

2. Ambient air quality at the boundary of the industry/unit premises shall be monitored and reported to the Board regularly on quarterly basis: The Ambient air quality norms are prescribed in MoEF gazette notification no. GSR/826(E), dated: 16/11/09. Some of the parameters are as follows:

- Particulate Matter (less than 10 micron) - 100 µg/m³ (PM₁₀ µg/m³ 24 hrs. basis)
- Particulate Matter (less than 2.5 micron) - 60 µg/m³ (PM_{2.5} µg/m³ 24 hrs. basis)
- Sulphur Dioxide [SO₂] (24 hrs. Basis) - 80 µg/m³
- Nitrogen Oxides [NO_x] (24 hrs. Basis) - 80 µg/m³
- Carbon Monoxide [CO] (8 hrs. Basis) - 2000 µg/m³

3. The industry shall take adequate measures for control of noise level generated from industrial activities within the premises less than 75 dB(A) during day time and 70 dB(A) during night time.

4. The industry/unit shall make the necessary arrangements for control of the fugitive emission from any source of emission/section/activities.

5. All other fugitive emission sources such as leakages, seepages, spillages etc shall be ensured to be plugged or sealed or made airtight to avoid the public nuisance.

6. All the internal roads shall be made pucca to control the fugitive emissions of particulate matter generated due to transportation and internal movements. Good housekeeping practices shall be adopted to avoid leakages, seepages, spillages etc.

7. Industry shall take effective steps for extensive tree plantation preferably in 03 rows of the local tree species with minimum spacing of 2X2 meters within or around the industry/unit premises for general improvement of environmental conditions and as stated in below.

Additional Air condition:-

- 1) Mine management shall install CAAQMS stations at suitable locations to monitor ambient air quality in the leased area and in the vicinity. Mine management shall ensure suitable connectivity of CAAQMS with Environment Surveillance Centre of the M.P. Pollution Control Board for monitoring and data transmission purposes.
- 2) Approach roads shall be metal topped. The haul road shall be compacted on regular interval to reduce the emission from loose silt/ material.
- 3) Drills shall be wet operated to reduce the fugitive emission.
- 4) Mining area should be surrounded by green belt having thick canopy of the tree cover.
- 5) Progressive afforestation plan shall be implemented at the end of mining, which include reclaimed external OB dump area, internal OB dump area and green belt in township located outside the lease.
- 6) Sufficient number of water tanker for water sprinkling shall be provided for the control of fugitive emission from road transportation.
- 7) The vehicle used for the transportation of minerals / material shall be PU certified and shall be properly maintained to reduce the noise.

Consent No:AW-60449

GENERAL CONDITIONS:

1. The non hazardous solid waste arresting in the industry/unit/unit premises sweeping, etc. be disposed off scientifically so as not to cause any nuisance/pollution. The applicant shall take necessary permission from civic authorities for disposal to dumping site. If required.

Non Hazardous Solid wastes:-

Type of waste	Quantity	Disposal
Scrap/ Plastic packing material wood, card board, gunny bags etc		Sale to authorized party/As Per CPCB. MoEF Guide lines / Others.

2. The applicant shall allow the staff of Madhya Pradesh Pollution Control Board and/or their authorized representative, upon the representation of credentials:

- To inspect raw material stock, manufacturing processes, reactors, premises etc to perform the functions of the Board.
- To enter upon the applicant's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this Consent.
- To have access at reasonable times to any records required to be kept under the terms and conditions of this Consent.
- To inspect at reasonable times any monitoring equipment or monitoring method required in this Consent: or,
- To sample at reasonable times any discharge or pollutants.

3. This consent / authorisation is transferable in nature, in case of any change in ownership / management, the new owner / partner / directors / proprietor shall immediately apply for the consent with new requisite information.

4. The issuance of this Consent does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorise any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.

5. This consent is granted in respect of Water pollution control Act 1974 or Air Pollution Control act, 1981 or Authorization under the provisions of Hazardous and other Waste (Management & Transboundary movement) Rules 2016 only and does not relate to any other Department/Agencies. License required from other Department/Agencies have to be obtained by the unit separately and have to comply separately as per there Act / Rules.

6. Balance consent/authorisation fee, if any shall be recoverable by the Board even at a later date.

7. The applicant shall submit such information, forms and fees as required by the board not later than 180 day prior to the date of expiration of this consent/authorisation

8. Knowingly making any false statement for obtaining consent or compliance of consent conditions shall result in the imposition of criminal penalties as provided under the section 42(g) of the Water Act or section 38 (g) of the Air Act.

9. After notice and opportunity for the hearing, this consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to, the following:

- Violation of any terms and conditions of this Consent.
- Obtaining this Consent by misrepresentation of failure to disclose fully all relevant facts.
- A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.

10. On violation of any of the above-mentioned conditions the consent granted will automatically be taken as canceled and necessary action will be initiated against the industry.

Additional condition:-

1. The Mine shall optimize the water abstraction from the surface water source by utilizing the mine discharge for spraying on haul roads, mine area and loading - unloading area after proper treatment.

2. Adequate & effective precautionary measures shall be taken before and during operation, maintenance and cleaning of pollution control system to avoid any accidental hazard.

3. Extensive tree plantation shall be carried out in open areas available within and around the mine premises in consultation with expert agency. Good housekeeping practice shall be adopted.

4. Overburden dumps shall be stored at the earmarked location along with proper stabilization arrangements and retaining wall. The maximum height of the dump shall not exceed 20 mt, each stage shall preferably be of maximum 10 mt and overall slope shall not exceed 35°. Mine shall have to take effective steps to check the soil erosion from over burden/waste material dumping area, causing silting problem into nearby nallah/ river/ pond during the rainy season

5. The Over Burden dumps shall be backfilled and scientifically vegetated with suitable native species to prevent erosion and surface runoff.

Consent No:AW-60449

6. Catch drains and siltation ponds of appropriate size shall be constructed to arrest silt, sediment flow from soil, OB dumps.

7. Mine Management shall construct Garland drain of appropriate size, gradient and length and sump capacity shall be designed and maximum discharge in the area adjoining the mine site. The garland drain shall be stone pitched / lined to prevent the soil erosion. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de-silted at regular intervals.

8. Top soil shall be scraped & separately stacked with proper slope and adequate safeguards; it shall be utilized for carpeting over the backfilled area and rehabilitation of mined out area.

9. Mine management shall provide artificial recharger measures, rain water harvesting system.

10. Mine management shall provide fencing all around the lease area to prevent accident hazard.

11. Vehicular emissions should be kept under control and regularly monitored for compliance of emission norms. Vehicles used for transporting the mineral should be covered with tarpaulins and optimally loaded. Transportation of excavated material shall be limited to day time only

12. Controlled blasting should be practiced with the use of delay detonators and only during daytime. The mitigative measures for control of ground vibrations and to arrest the fly rocks and boulders should be implemented. Blasting shall be done during day time only.

13. Mine management shall submit environmental statement for the previous year ending 31st March on or before 30th September every year to the Board.

14. Mine management shall ensure the compliance of conditions of environmental clearance pertaining to pollution control

15. Mine shall comply with the provisions of all the relevant Acts/Rules/Directions/Guidelines issued by MoEF/ CPCB/ MPPCB time to time as required and if applicable.

16. Mine shall comply with the Directions/ Orders issued by Hon'ble Supreme Court/ High Court/ NGT time to time in the relevant Writ Petitions.


17. Mine management shall install industrial grade HD IP (Internet Protocol) Pan-Tilt-Zoom (PTZ) Camera with minimum 5X zoom and night vision facility for remote surveillance and constant vigil of emission source and effluent discharge points.

18. Mine management shall establish suitable connectivity of IP-Camera with Environment Surveillance Centre at the HQ of M.P. Pollution Control Board for monitoring and data transmission purpose.

Consent/authorization as required under the Water (Prevention & Control of Pollution) Act, 1974, The Air (Prevention & Control of Pollution) Act, 1981 is granted to your industry subject to fulfillment of all the conditions mentioned above. For renewal purpose you shall have to make an application to this Board through XGN at least Six months before the date of expiry of this consent/authorisation. The applicant without valid consent (for operation) of the Board shall not bring in to use any outlet for the discharge of effluent and gaseous emission.

**For and on behalf of
M.P. Pollution Control Board**

By the order of Chairman, MPPCB



**ACHYUT ANAND MISHRA
Member Secretary**



**(Organic Authentication on AADHAR from UIDAI Server)
TPAV # SYE6Y755Q8**

Consent No:AW-60449

Annexure 16B: Photograph of Garland drain





J.M. ENVIROLAB PVT. LTD.

30 years of success

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



TC-6821

TEST REPORT

Sample Number: **JME/PJCL/AN/14**
 Name & Address of Unit: **M/s. Prism Johnson Limited
 Chulhi- Majhiyar Limestone Mine. 176.619 ha,
 Village- Chulhi and Majhiyar,
 Tehsil – Kotar, Distt- Satna, Madhya Pradesh**

Report No.: **JME/AN/250623659**
 Format No.: **7.8 F-04**
 Party Ref. No.: **Nil**
 Reporting Date: **26/06/2025**
 Analysis Completion Date: **26/06/2025**
 Analysis Start Date: **23/06/2025**
 Receipt Date: **23/06/2025**

Sample Description: **AMBIENT NOISE LEVEL MONITORING**

General Information

Client Representative (Name & Designation)

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

Sample collected by

Sampling Location

Village- Chulhi

Date of Monitoring

13/06/2025 to 14/06/2025

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 42°C, Min 32°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	55.7	49.2	dB(A)
2.	Lmin	IS-9989	44.4	34.3	dB(A)
3.	Leq	IS-9989	53.8	38.4	dB(A)
4.	CPCB Limits in dB(A) Leq (Residential area)	--	55	45	dB(A)

Page No. 1 of 1

Checked by

Deepak Singh Yadav



Reviewed & Authorized by
Sita Ram Yadav

Note:

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

Reg. Office & Lab.

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

Corporate Office

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

****End of Report****



J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

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

TEST REPORT

Sample Number: **JME/PJCL/AN/15**
 Name & Address of Unit: **M/s. Prism Johnson Limited
 Chuli- Majhiyar Limestone Mine. 176.619 ha,
 Village- Chulhi and Majhiyar,
 Tehsil – Kotar, Distt- Satna, Madhya Pradesh**

Report No.: **JME/AN/250623660**
 Format No.: **7.8 F-04**
 Party Ref. No.: **Nil**
 Reporting Date: **26/06/2025**
 Analysis Completion Date: **26/06/2025**
 Analysis Start Date: **23/06/2025**
 Receipt Date: **23/06/2025**

Sample Description: **AMBIENT NOISE LEVEL MONITORING**

General Information

Client Representative (Name & Designation)

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

Sample collected by

Village- Majhiyar

Sampling Location

14/06/2025 to 15/06/2025

Date of Monitoring

Time of Monitoring

06:00 AM to 06:00 AM

Latitude

Longitude

Instrument used

Sound Level Meter

Instrument code

JME/SLM/02/05

Instrument calibration status

Calibrated

Meteorological condition during monitoring

Clear Sky

Ambient Temperature (°C)

Max 42°C, Min 33°C

Surrounding activity

Human Activities

Scope of Monitoring

Regulatory Requirement

Control measure if any

--

Sampling Protocol

JMELPL/STOP/04

Duration of Monitoring

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	61.4	53.8	dB(A)
2.	Lmin	IS-9989	39.3	38.2	dB(A)
3.	Leq	IS-9989	52.0	41.9	dB(A)
4.	CPCB Limits in dB(A) Leq (Residential area)	--	55	45	dB(A)

Page No. 1 of 1

Checked by

Deepak Singh Yadav



Reviewed & Authorized by
Sita Ram Yadav

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****End of Report****



J.M. ENVIROLAB PVT. LTD.

CIN No. :U74220HR2011PTC085756



TC-6821

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

TEST REPORT

Sample Number: **JME/PJCL/AN/16**
 Name & Address of Unit: **M/s. Prism Johnson Limited
 Chuli- Majhiyar Limestone Mine. 176.619 ha,
 Village- Chulhi and Majhiyar,
 Tehsil – Kotar, Distt- Satna, Madhya Pradesh**

Report No.: **JME/AN/250616661**
 Format No.: **7.8 F-04**
 Party Ref. No.: **Nil**
 Reporting Date: **19/06/2025**
 Analysis Completion Date: **19/06/2025**
 Analysis Start Date: **16/06/2025**
 Receipt Date: **16/06/2025**

Sample Description: **AMBIENT NOISE LEVEL MONITORING**

General Information

Client Representative (Name & Designation)

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

Sample collected by

Village- Malgaon

Sampling Location

Date of Monitoring

12/06/2025 to 13/06/2025

Time of Monitoring

06:00 AM to 06:00 AM

Latitude

Longitude

Instrument used

Sound Level Meter

Instrument code

JME/SLM/02/05

Instrument calibration status

Calibrated

Meteorological condition during monitoring

Clear Sky

Ambient Temperature (°C)

Max 42°C, Min 32°C

Surrounding activity

Human & Vehicular Activities

Scope of Monitoring

Regulatory Requirement

Control measure if any

--

Sampling Protocol

JMELPL/STOP/04

Duration of Monitoring

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	60.6	53.2	dB(A)
2.	Lmin	IS-9989	44.2	33.8	dB(A)
3.	Leq	IS-9989	50.0	39.9	dB(A)
4.	CPCB Limits in dB(A) Leq (Residential area)	--	55	45	dB(A)

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Sita Ram Yadav

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TEST REPORT

Sample Number: **JME/PJCL/AN/17**
 Name & Address of Unit: **M/s. Prism Johnson Limited
 Chuli- Majhiyar Limestone Mine. 176.619 ha,
 Village- Chulhi and Majhiyar,
 Tehsil – Kotar, Distt- Satna, Madhya Pradesh**

Report No.: **JME/AN/250623662**
 Format No.: **7.8 F-04**
 Party Ref. No.: **Nil**
 Reporting Date: **26/06/2025**
 Analysis Completion Date: **26/06/2025**
 Analysis Start Date: **23/06/2025**
 Receipt Date: **23/06/2025**

Sample Description: **AMBIENT NOISE LEVEL MONITORING**

General Information

Client Representative (Name & Designation)

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

Sample collected by

Village- Hinauti

Sampling Location

Date of Monitoring

18/06/2025 to 19/06/2025

Time of Monitoring

06:00 AM to 06:00 AM

Latitude

Longitude

Instrument used

Sound Level Meter

Instrument code

JME/SLM/02/05

Instrument calibration status

Calibrated

Meteorological condition during monitoring

Clear Sky

Ambient Temperature (°C)

Max 35°C, Min 27°C

Surrounding activity

Human and Vehicular Activities

Scope of Monitoring

Regulatory Requirement

Control measure if any

--

Sampling Protocol

JMELPL/STOP/04

Duration of Monitoring, (minutes)

24 Hrs.

Parameter Required

As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1.	Lmax	IS-9989	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)

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TEST REPORT

Sample Number: **JME/PJCL/AN/14** Report No.: **JME/AN/250906659**
 Name & Address of Unit: **M/s. Prism Johnson Limited**
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh Format No.: **7.8 F-04**
 Party Ref. No.: **NII**
 Reporting Date: **10/09/2025**
 Sample Description: **AMBIENT NOISE LEVEL MONITORING** Receipt Date: **06/09/2025**

General Information

Client Representative (Name & Designation)

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

Sample collected by

Village- Chulhi

Sampling Location

Date of Monitoring

01/09/2025 to 02/09/2025

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

Cloudy Sky

Ambient Temperature (°C)

Max 30°C, Min 25°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	56.3	48.6	dB(A)
2.	Lmin	IS-9989	43.2	33.1	dB(A)
3.	Leq	IS-9989	51.4	37.2	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/15** Report No.: **JME/AN/250906660**
 Name & Address of Unit: **M/s. Prism Johnson Limited**
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh Format No.: **7.8 F-04**
 Party Ref. No.: **Nil**
 Reporting Date: **10/09/2025**
 Sample Description: **AMBIENT NOISE LEVEL MONITORING** Receipt Date: **06/09/2025**

General Information

Client Representative (Name & Designation)

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

Sample collected by

Village- Majhiyar

Sampling Location

01/09/2025 to 02/09/2025

Date of Monitoring

06:00 AM to 06:00 AM

Time of Monitoring

Latitude

-

Longitude

-

Instrument used

Sound Level Meter

Instrument code

JME/SLM/02/05

Instrument calibration status

Calibrated

Meteorological condition during monitoring

Cloudy Sky

Ambient Temperature (°C)

Max 30°C, Min 25°C

Surrounding activity

Human Activities

Scope of Monitoring

Regulatory Requirement

Control measure if any

-

Sampling Protocol

JMELPL/STOP/04

Duration of Monitoring

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	60.2	52.9	dB(A)
2.	Lmin	IS-9989	38.0	37.6	dB(A)
3.	Leq	IS-9989	51.4	41.8	dB(A)
4.	CPCB Limits in dB(A) Leq (Residential area)	--	55	45	dB(A)

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Deepak Singh Yadav



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TEST REPORT

Sample Number: **JME/PJCL/AN/16** Report No.: **JME/AN/250906661**
 Name & Address of Unit: **M/s. Prism Johnson Limited**
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh Format No.: **7.8 F-04**
 Party Ref. No.: **Nil**
 Reporting Date: **10/09/2025**
 Sample Description: **AMBIENT NOISE LEVEL MONITORING** Receipt Date: **06/09/2025**

General Information

Client Representative (Name & Designation)

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

Sample collected by

Village- Malgaon

Sampling Location

03/09/2025 to 04/09/2025

Date of Monitoring

06:00 AM to 06:00 AM

Time of Monitoring

Latitude

-

Longitude

-

Instrument used

Sound Level Meter

Instrument code

JME/SLM/02/04

Instrument calibration status

Calibrated

Meteorological condition during monitoring

Cloudy Sky

Ambient Temperature (°C)

Max 31°C, Min 26°C

Surrounding activity

Human & Vehicular Activities

Scope of Monitoring

Regulatory Requirement

Control measure if any

-

Sampling Protocol

JMELPL/STOP/04

Duration of Monitoring

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	61.5	52.2	dB(A)
2.	Lmin	IS-9989	45.3	32.4	dB(A)
3.	Leq	IS-9989	49.6	39.3	dB(A)
4.	CPCB Limits in dB(A) Leq (Residential area)	--	55	45	dB(A)

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TEST REPORT

Sample Number: **JME/PJCL/AN/17** Report No.: **JME/AN/250906662**
 Name & Address of Unit: **M/s. Prism Johnson Limited**
Chuli- Majhiyar Limestone Mine. 176.619 ha,
Village- Chulhi and Majhiyar,
Tehsil – Kotar, Distt- Satna, Madhya Pradesh Format No.: **7.8 F-04**
 Party Ref. No.: **Nil**
 Reporting Date: **10/09/2025**
 Sample Description: **AMBIENT NOISE LEVEL MONITORING** Receipt Date: **06/09/2025**

General Information

Client Representative (Name & Designation)

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

Sample collected by

Village- Hinauti

Sampling Location

03/09/2025 to 04/09/2025

Date of Monitoring

Time of Monitoring

06:00 AM to 06:00 AM

Latitude

-

Longitude

-

Instrument used

Sound Level Meter

Instrument code

JME/SLM/02/05

Instrument calibration status

Calibrated

Meteorological condition during monitoring

Cloudy Sky

Ambient Temperature (°C)

Max 31°C, Min 26°C

Surrounding activity

Human and Vehicular Activities

Scope of Monitoring

Regulatory Requirement

Control measure if any

-

Sampling Protocol

JMELPL/STOP/04

Duration of Monitoring, (minutes)

24 Hrs.

Parameter Required

As per work order

TEST RESULTS

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

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****End of Report****

Annexure 18: Time bound action plan



PJL/MIN/C&M/2022-01A

दूर की सोच
Date: 14/03/22

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

Sub: Time Bound Action Plan of Corporate Environment Responsibility under Environmental Clearance over 176.619 ha area in Chulhi & Majhiyar Limestone Mines of M/s Prism Johnson Ltd.

Ref.:- Letter no. J-11015/86/2018-IA.II (M) dated 26/07/21- grant of EC.

Dear Sir,

This is in reference to the aforesaid subject and referred letter; we are enclosing herewith the Time Bound Action Plan for the Standard Condition point no. X, Corporate Environment Responsibility, of the Environmental Clearance over 176.619 ha area at Villages Chulhi & Majhiyar, Tehsil Kotar, District Satna (M.P.) of M/s Prism Johnson Ltd. (Formerly Prism Cement Ltd.) Satna (M.P.).

For your kind information please.

Thanking you,

Yours faithfully,

For, Prism Johnson Limited

Authorised Signatory
A.V.P Mines
Prism Johnson Limited

15/3/22
RECEIVED
एकीकृत क्षेत्रीय कार्यालय/Integrated Regional Office
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय,
Ministry of Environment, Forest & Climate Change,
भारत सरकार, भोपाल/Govt. of India, Bhopal
भोपाल/BHOPAL-462016 (M.P.)

PRISM JOHNSON LIMITED
(Cement Division)



Works: Village Mankahan, 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

Action Plan for Public Hearing Commitments- 176.619 Ha lease at Villages Chulhi & Majhiyar, Tehsil Kotar, District Satna, Madhya Pradesh						
S. No.	Activities	Budget in (Lakh)	Action plan			
			1 st Year	2 nd Year	3 rd year	
1	6 Computers, 6 Nos. Smart boards, wifi facility and water coolers (6) & RO (6) will be provided in School at Villages Chulhi, Majhiyar & Malgaon.	15	2 nos. Computers 2 no. Smart Board Wi-fi	2 nos. Computers 2 no. Smart Board -	2 nos. Computers 2 no. Smart Board -	
			2 no. water cooler 2 no. RO	2 no. water cooler 2 no. RO	2 no. water cooler 2 no. RO	
2	Furniture (table & Chair) for 200 students from Class 1 to 8 in school at Villages Chulhi, Majhiyar and Malgaon	10	3	3	4	
3	Skill development training center	15	4	5	6	
4	Mobile Health Van for Chulhi/ Majhiyar & Malgaon Village	13	13			
5	Drinking Water facility in Villages Chulhi, Majhiyar & Malgaon. (3 Nos Bore 3 Nos Hand pump) and pipeline will be provided	35	1 no. bore well 1 no. hand pump	1 no. bore well 1 no. hand pump	1 no. bore well 1 no. hand pump	
6	Construction of Drainage system in Chulhi Village	13	13	-	-	
7	Construction of Toilets (40 numbers)	2	20 no.s	10 no.s	10 no.s	
8	Playground at Village Majhiyar and Hinoti	20	2			
9	Road repairing from Village Chulhito Nai Basti.	3	0	20	0	
10	Solar lights at Villages Chulhi, Majhiyar & Malgaon	10	1	1	1	
11	Plantation in Primary School at Adiwasi Basti and government school at Majhiyar & Malgaon along with road (Total plantation 30000)	5	10,000 nos	10,000 nos	10,000 nos	
12	Construction of Waiting hall at Majhiyar mod at village Majhiyar	4	0	5	0	
13	Boundary wall at Govt. Primary School, Adivasi Basti, Chulhi	10	0	4	0	
14	Ground Water Conservation & Water Harvesting Structures	2	3	3	4	
15	Gas Connection to 245 houses of villages	8	3	3	2	
Total		165				

***Digital Processing of Mining Leases- Chulhi Majhiyar Mines ML
176.619Ha, using Remote Sensing Technique for fulfillment of EC
Compliance of Cement Unit Plant II and Integrated Mines for Prism
Johnson Ltd in Satna, Madhya Pradesh.***

Final Report-Chulhi Majhiyar 176.619Ha



PO No. : 3100220313-P027, dated 19.01.2024



Submitted By:

SPA GEO TECHNOLOGIES PVT LIMITED

8A, 3rd Floor, Mahaluxmi Metro Tower, C2,
Sector -4, Vaishali, NCR, Ghaziabad - 201012

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Tel: 91-120-4996793

Contents

1.	<i>Introduction</i>	3
1.1.	<i>Scope of Work</i>	4
1.2.	<i>Objectives</i>	4
1.3.	<i>Software</i>	4
1.4.	<i>Study Area</i>	4
1.5.	<i>Location Map</i>	6
1.6.	<i>Satellite Image of Study Area</i>	8
1.6.1.	<i>Satellite Image of 2021</i>	8
1.6.2.	<i>Satellite Image of 2022</i>	9
1.6.3.	<i>Satellite Image of 2023</i>	10
2.	<i>APPROACH & METHODOLOGY</i>	11
2.1.	<i>Flow Chart</i>	12
2.2.	<i>Data Procurement</i>	12
2.3.	<i>Satellite Data Processing</i>	12
2.4.	<i>Rectification & Geo-referencing</i>	12
2.5.	<i>Image enhancement</i>	12
2.6.	<i>Classification and Accuracy assessment</i>	12
2.7.	<i>Area Calculation</i>	12
2.8.	<i>Overlay of Vector data base</i>	12
2.9.	<i>Field Survey Images</i>	14
2.10.	<i>Finding of Study</i>	17
2.10.1.	<i>Chulhi Majhiyar Lime stone Mine 2021, 2022 & 2023 (176.619Ha)</i>	17
2.10.2.	<i>Land use/Land Cover Map Of Buffer Zone-2021, 2022 & 2023 (176.619Ha)</i>	18
3.	<i>Conclusion</i>	19

Figure

Figure 1.	176.619 Ha Lime Stone Mine Area Map of 2021	20
Figure 2.	176.619 Ha Lime Stone Mine Area Map of 2022	21
Figure 3.	176.619 Ha Lime Stone Mine Area Map of 2023	22
Figure 4.	Land Use/Land Cover Map Of Buffer Zone with 10 Sq.km (2021)	23
Figure 5.	Land Use/Land Cover Map Of Buffer Zone with 10 Sq.km (2022)	24
Figure 6.	Land Use/Land Cover Map Of Buffer Zone with 10 Sq.km (2023)	25

1. Introduction

Prism Johnson Limited is professionally managed Company promoted by the Rajan Raheja Group. Prism Johnson Limited is India's largest integrated Building Materials Company with a wide range from cement, ready-mixed concrete, tiles, bath products to kitchens. The Company has three Divisions, viz. Prism Cement, H & R Johnson (India), and RMC Readymix (India). Prism Cement primarily caters to the demand in the Northern Region, mainly in the States of Uttar Pradesh, Bihar and Madhya Pradesh. The capacity expansion has established the Division's brand in new markets and to a larger consumer base. A team of experienced engineers and a dedicated workforce combined with a high level of automation and sophisticated control systems have placed the Division's products in the premium segment.

Prism Johnson Ltd commenced its production in August 1997 and manufactures Portland Pozzollana Cement (PPC) with the brand name 'Champion' and Ordinary Portland Cement (OPC). It has the highest quality standards due to efficient plant operations with automated controls. It caters mainly to markets of UP, MP and Bihar, with an average lead of 340–370 km of its plant at Satna, MP. It has a wide marketing network with about 2,000 dealers serviced from 46 stocking points.

Cement and mining is seventh of the core industries that contribute significantly to the economic development of India . As for environment point of view, Line stone mining and installation of cement plant is a major habitat transforming activity is lead to change in land Use/Land cover. The change have been described as the most significant regional anthropogenic disturbance to the environment and are consistently with mining of natural resources.

Remote sensing and geographic information system (GIS) are important tool for studying the land use pattern and their dynamic . The change detection in Land use /land cover due to natural and human activities can be monitored by using multi date image to evaluate difference in land cover . The mapping of land use of classes and monitoring their changes with time has been widely recognized. The change detection in Land use/ Land cover due to natural and human activities can be monitored by using multi date images to evaluated differences in land cover where lime stone mines **Chulhi Majhiyar mine 176.619Ha** and Cement Unit II are under operation by using multi temporal remote sensing data.

The concept, method and application of land use/land cover studies are introduced to mining area in order to find the land use change and give support to land management and ecological reconstruction. its prerequisite for planning, policy making and developmental program that land use /land cover information its spatial distribution and change in land use pattern is commonly used.

1.1 Scope of work

1. Collection of Primary data - Raw satellite data to be obtained from NRSC.
2. Base map to be prepared with help of survey of India Toposheet G44U14, G44V2 and other details.
3. Data processing including following steps with the help of application software
 - a. Geometric correction, rectification and Geo referencing .
 - b. Image enhancement.
 - c. Training set selection.
 - d. Signature generation and classification.
 - e. Validation of classification image.
 - f. Final thematic map preparation.
4. The map to be prepared on scale of 1:50000.
5. Comparative study with respect to land use change in the last three years.

1.2. Objectives

The main objective of present study is to understand land use /land cover change in the time and space , with special reference to the cement & mining activities being carried by M/s Prism Johnson Ltd, which is also one of the special condition of the environment clearance issued.

1.3. Software Used

1. ArcGIS 10.3
2. ERDAS Imagine
3. Microsoft Office

1.4. Study Area

The study area lies in Tehsil-Rampur baghelan and kotar, Satna district (MP) where cement Plant. The area is well connected to broad gauge line of central railway Linking ,satna with Rewa. The nearest major railhead is Satna on the jabalpur- Allahabad board guge section of central railway and is well connected to the major cities of the country. There is a good network of roads, there is an all weather motor able road up to project site. Location of Integrated Plant is 22 km from Satna City. from Satna city and 3 Km. from Satna - Rewa highway.

The details of the Mine lease areas are listed in the Table 1:

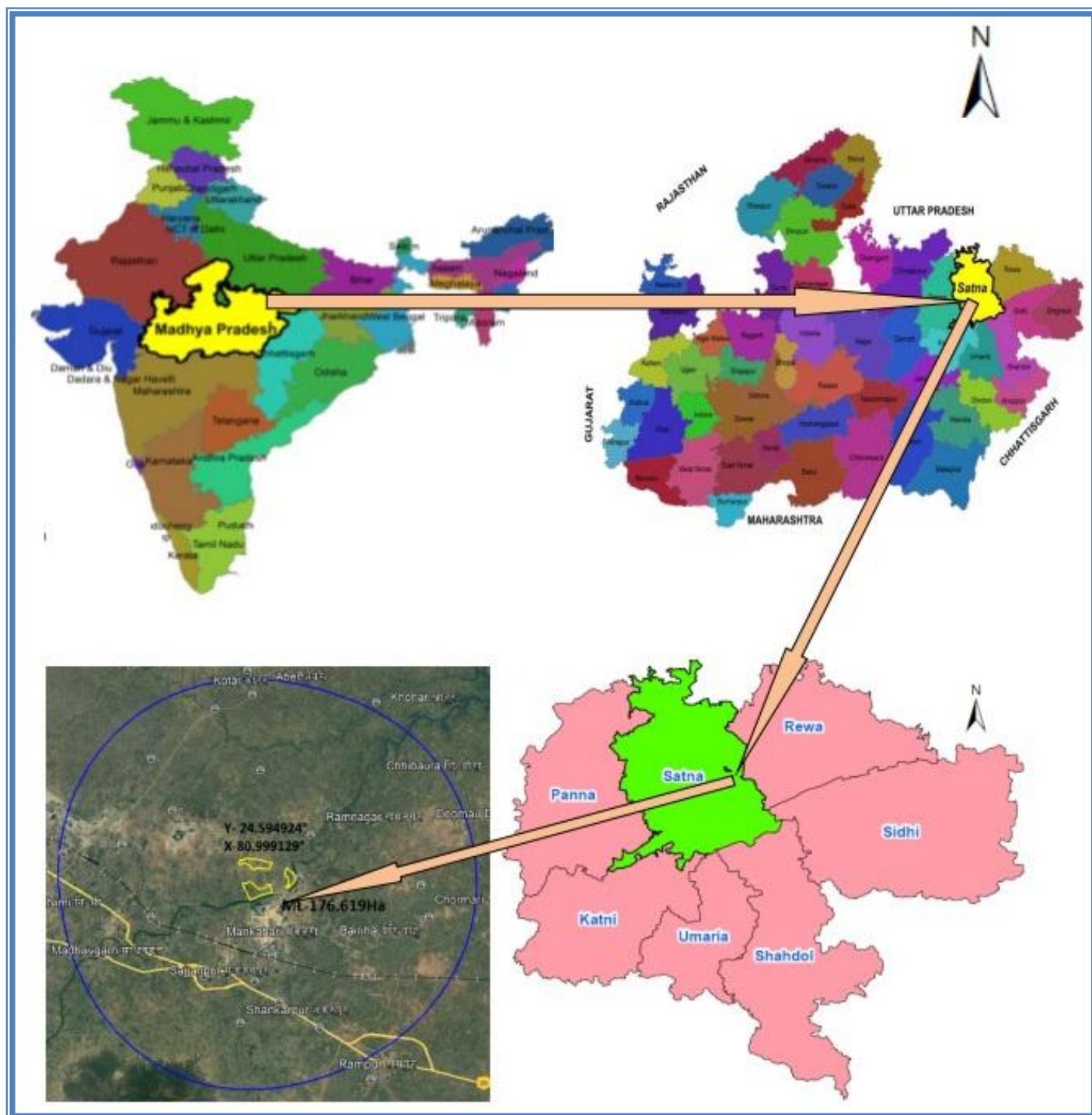
Table - 1

Details	Majhiyar Limestone Mine:	Integrated Cement Plant	Chulhi Majhiyar mine 176.619Ha		
Village	Chulhi-Majhiyar	Mankhari	Hinouti & Sijhatta	Mendhi	Baghai
Tehsil	Kotar	Rampur, Baghelan	Rampur, Baghelan	Rampur, Baghelan	Rampur, Baghelan
District	Satna	Satna	Satna	Satna	Satna
State	Madhya Pradesh	Madhya Pradesh	Madhya Pradesh	Madhya Pradesh	Madhya Pradesh

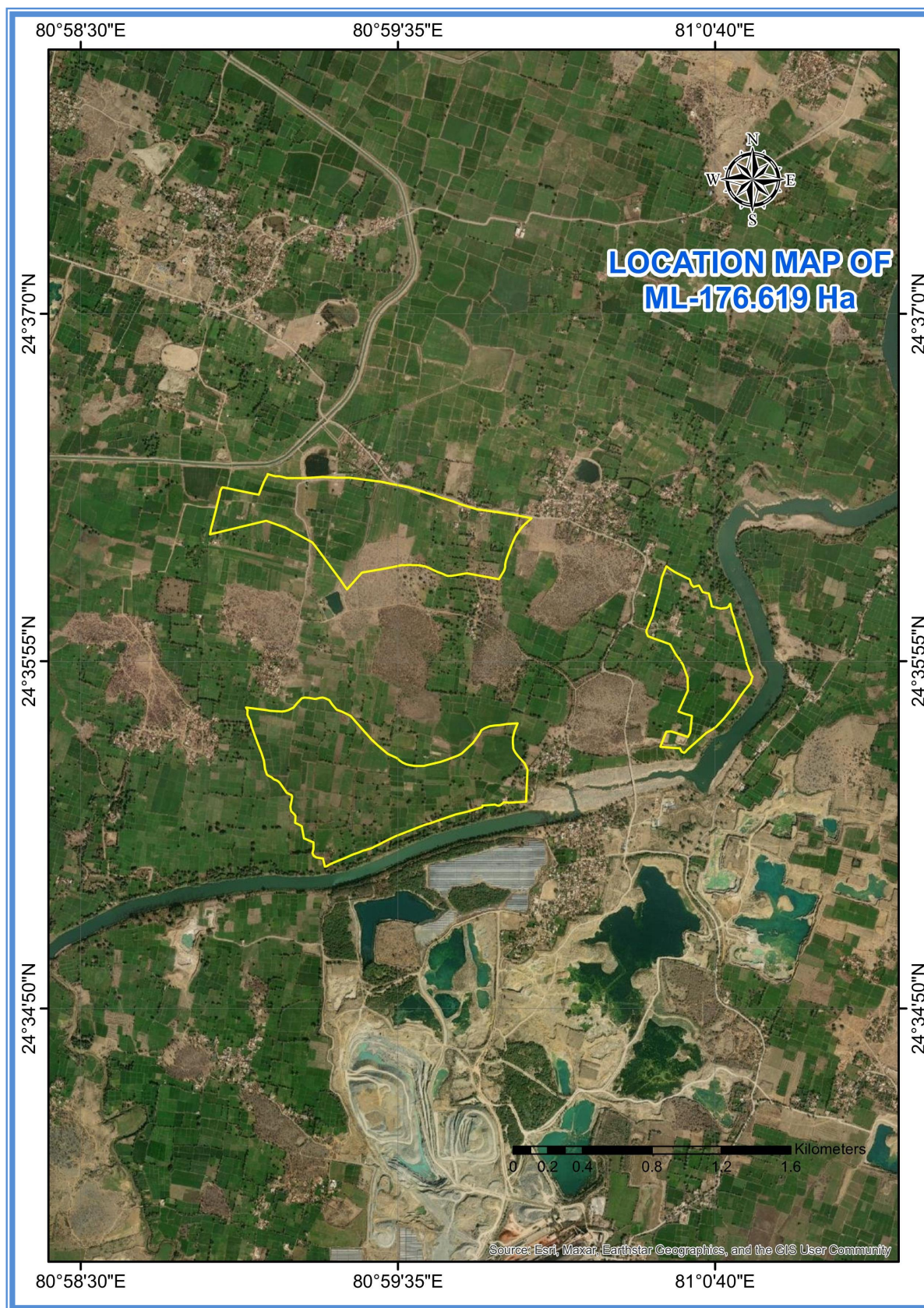
Toposheet No.	G44U14 & G44V2	G44U14 & G44V2	G44V2	G44V2
National Highway	N.H. - 39 Gwalior to Rewa			
Nearest River	Tamas River 2.15 Km.	Adjecnt to the boundary (In NW direction)	Tamas River 3.5 Km. (NW of Baghai)	Tamas River: 4 Km. (NW of Baghai)
Latitude	24°36'25.63"N	24°36'3.31"N	24°35'37.54"N	24°35'19.32"N
Longitude	80°59'8.59"E	81° 0'41.66"E	81° 0'33.98"E	80°59'20.33"E
Nearest Town	Satna (21 km)	Satna (18 Km) Towards west	Satna (24 Km) Towards west	Satna (23 Km) Towards west
Nearest Railway station	Satna railway station (20Km.)	Satna on the jabalpur-Allahabad board gauge section of west central Railway (18 KM.)	Satna on the jabalpur-Allahabad board gauge section of west central Railway (22 KM.)	Satna on the jabalpur-Allahabad board gauge section of west central Railway (20 KM.)
Nearest Airport	Khajuraho (120 Km.)	Khajuraho (120 Km.)		

1.5. Location Map

LOCATION MAPS OF CHULHI MAJHIYAR MINES ML-176.619 Ha

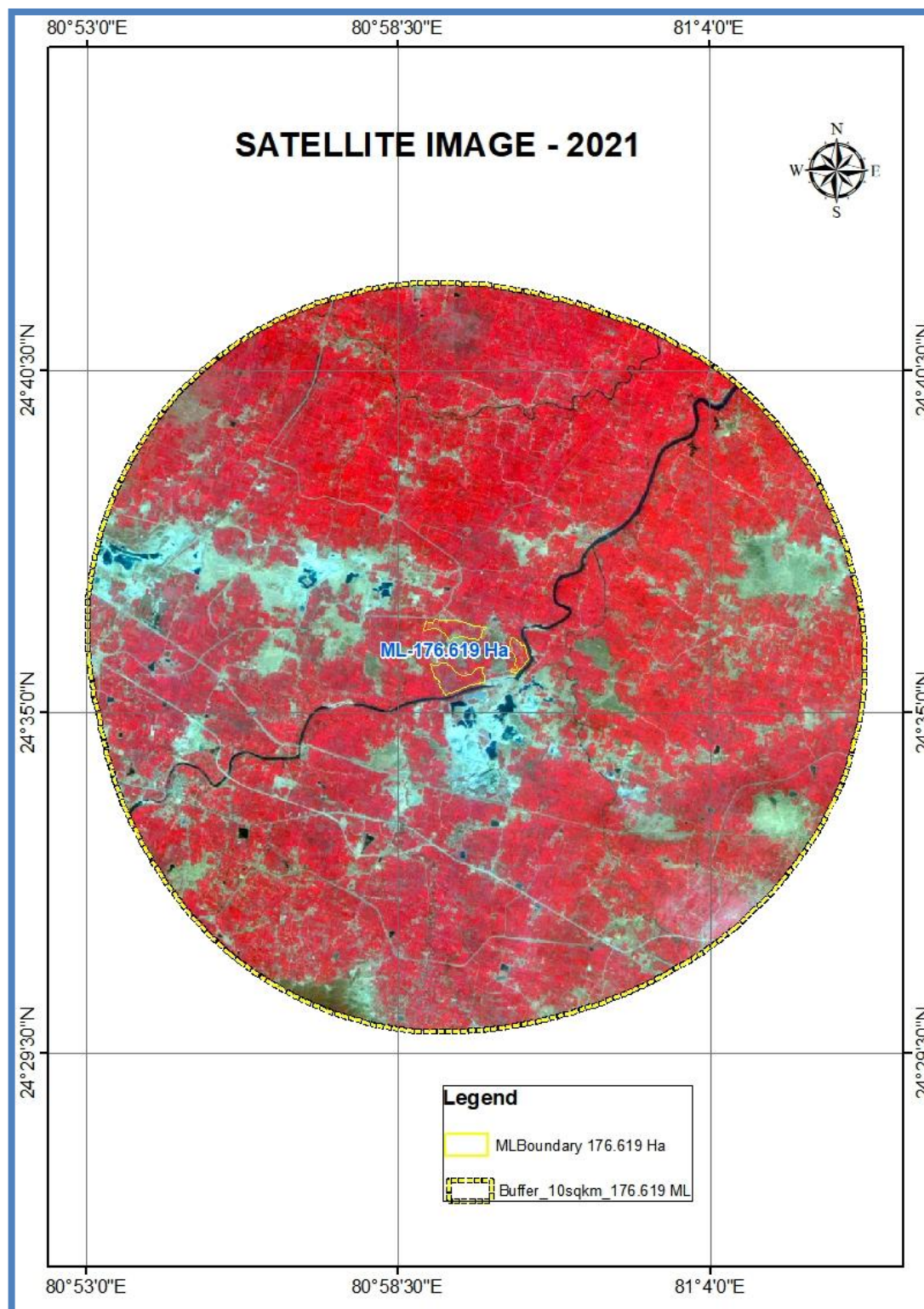


ML BOUNDARY MAP OF CHULHI MAJHIYAR-176.619ha

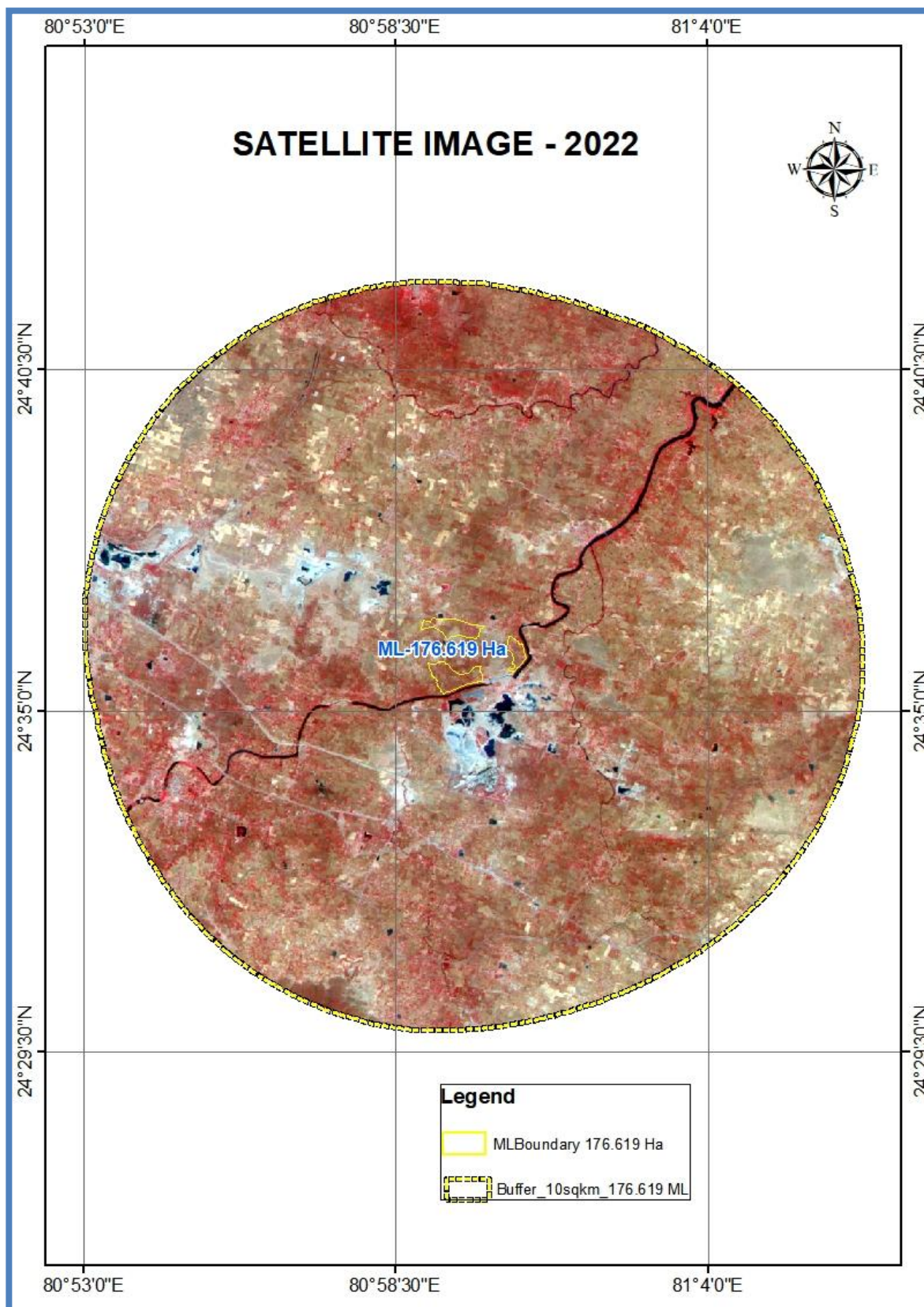


1.6. False Color Composites-FCC- Satellite Image of Study Area-2021-2022 and 2023

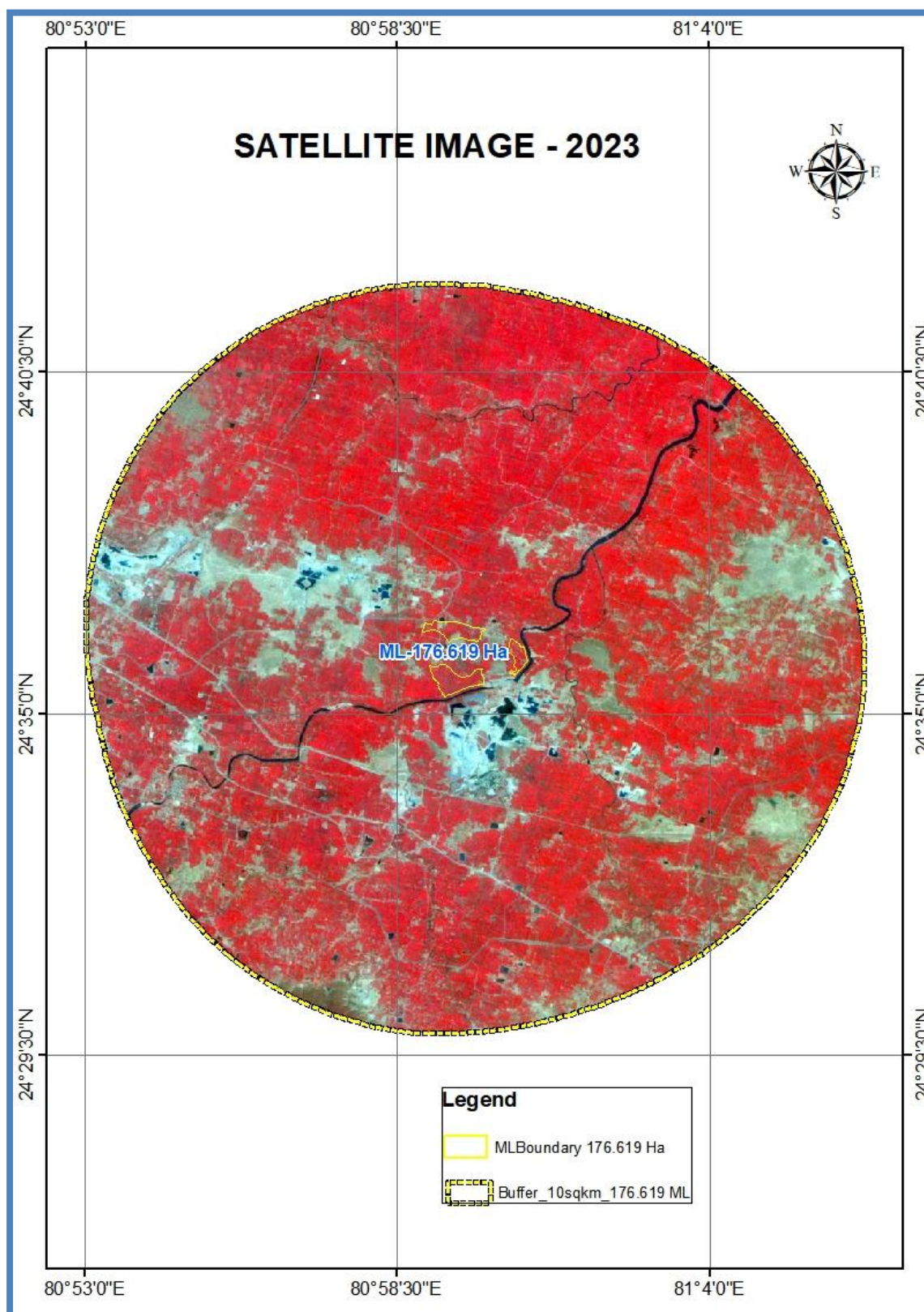
1.6.1 Satellite Image data-2021



1.6.2 Satellite Image data-2022



1.6.3 Satellite Image data-2023



2. APPROACH & METHODOLOGY

Indian remote sensing satellite LISS-III MSS & PAN geocoded data were used to analyze the land use/land cover pattern. The present study utilizes multi-spectral/multi-temporal data of the Indian remote sensing satellite LISS-III MSS & PAN for thematic mapping. Survey of India toposheet G44U14 & G44V2 on scale 1:50,000 were used for preparation of base map which was overlay on the LISS-III for land use /land cover mapping through visual interpretation. Visual interpretation of satellite imagery lead to the identification of fifteen land use/land cover categories. The ground truth verification was carried out in the key areas to rectify the errors in generated maps and then land use/land cover maps were finalized.

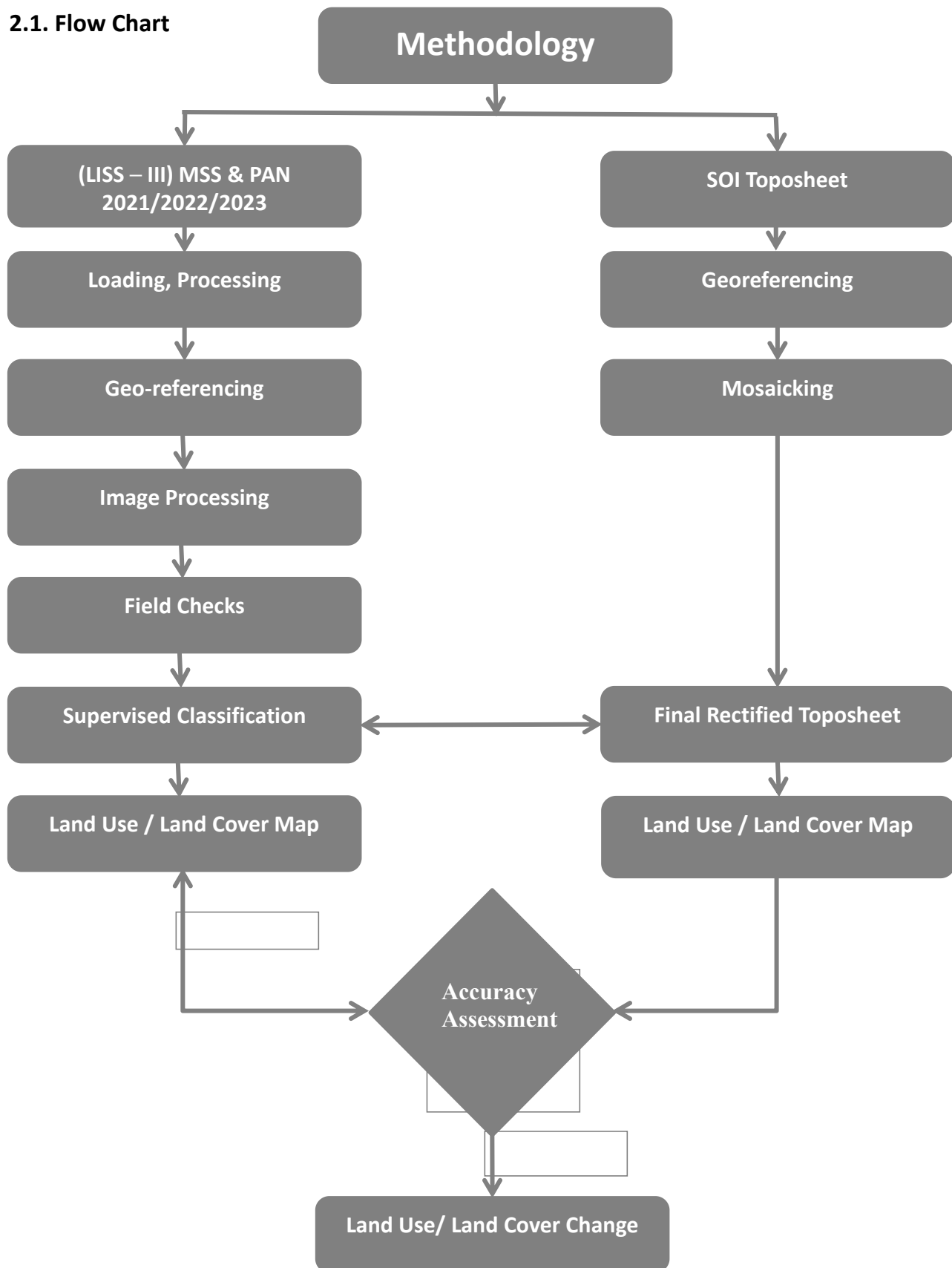
Data available gives uniform spectral and radiometric characteristics and minimize the seasonal variation. The survey of India topographic sheets No. G44U14 & G44V2 on scale 1:50,000 were used for preparation of base map. Secondary data obtained from published material. Visual interpretation is the effective method for classifying land use/land cover especially when the analyst is familiar with the area being classified from satellite data.

These categories were identify on the basis of visual interpretation of satellite data and ground truth verification were done in the key areas for editing and authentication. On screen digitization technique has been carried out to digitize the maps using Arc Map 10.3 software for land use analysis.

There are number of steps involved between RAW satellite data procurement and preparation of final maps. National Remote sensing Centre (NRSC). Hyderabad, being the nodal agency for satellite data supply in India , Provides only RAW digital satellite data , which needs further digital image processing for extracting the information and map preparation before uploading the same in the website. Methodology for land reclamation is given table no.2

With the invent of remote sensing and Geographical Information System (GIS) techniques, land use/cover mapping has given a useful and detailed way to improve the selection of areas designed to agricultural, urban and/or industrial areas of a region. Application of remotely sensed data made possible to study the changes in land cover in less time, at low cost and with better accuracy in association with GIS that provides suitable platform for data analysis, update and retrieval. The advent of high spatial resolution satellite imagery and more advanced image processing and GIS technologies, has resulted in a switch to more routine and consistent monitoring and modeling of land use/land cover patterns. Remote-sensing has been widely used in updating land use/cover maps and land use/cover mapping has become one of the most important applications of remote sensing.

2.1. Flow Chart



2.2. Data Procurement:

After browsing the data quality and date of pass on internet, supply order for data is placed to NRSC. Secondary data like leasehold boundary, Toposheet are procured for creation of vector database.

2.3. Satellite Data Processing:

Satellite data are processed using *DIGITAL IMAGE PROCESSING SOFTWARE*. Mythology involves the following major steps.

2.4. Rectification & Geo-referencing:

Inaccuracies in digital imagery may occur to *systematic errors* attributes to earth curvature and ration as well as *non systematic errors* attributes to satellite receiving station itself. RAW digital contain geometric distortions, which make them unusable as maps. Therefore, Geo-referencing is required for correction of image data using ground control points (GCP) to make it compatible to SOI toposheet.

2.5. Image enhancement:

To improve the interpret-ability of the raw data, image enhancement is necessary. Local operations modify the value of each pixel based on brightness pixels using *DIGITAL IMAGE PROCESSING SOFTWARE* and enhance the image quality for interpretation.

2.6. Classification and Accuracy assessment:

Image classification is carried out using the maximum likelihood algorithm. The classification proceeds through the following steps :

(A) calculation of statistics for the identified training area, and correlation matrix. After evaluating the statistical parameters of the training sets is conducted by measuring the statistical separation between the classes that resulted from computing divergence matrix. The overall accuracy of the classification was finally reference to ground truth data.

2.7. Area Calculation:

The area of each land use class in the leasehold is determined using *DIGITAL IMAGE PROCESSING SOFTWARE*.

2.8. Overlay of Vector data base:

Vector data base created based on secondary data. Vector layer like drainage, railway line, Lease boundary, mines area, forest boundary water body etc.

2.9. Field Survey:

Field survey was carried out by taking selective traverses in order to collect the ground information (or reference data).







2.10. Finding of Study:

2.10.1. Chulhi Majhiyar Lime Stone Mine (176.619 ha).

Land use /land cover information derived from IRS LISS-III 2021, 2022 & 2023 (Table 2). Area statistic of each land use /land cover category were generated in GIS software and has been determined to analyze change in their spatial distribution. By comparing the land use/land cover maps, a change detection map has been generated in smart GIS software to assess the major changes in the Mines area **Chulhi Majhiyar Lime Stone Mine (176.619Ha)**.

Table-2 : Chulhi Majhiyar Lime Stone Mine Land use Details (176.619 Ha) (Fig.1,2 & 3)			
Description	2021 (Area In Ha)	2022 (Area In Ha)	2023 (Area In Ha)
Crop Land	8.1779	8.9026	9.9321
Agriculture-Fallow	163.1720	162.3239	160.8951
Built up Land	2.81681	2.8258	2.9240
Dumping Land	0.52980	0.5577	0.6003
Limestone Quarry	1.6111	1.6951	1.9477
Canal	0.116355	0.1163	0.1163
Afforestation Land	0.19511	0.1976	0.2035
Total	176.6190	176.6190	176.6190

2.10.4. Land Use/Land Cover Map Of Buffer Zone with 10 Sq.km. (176.619 ha)

Land use /land cover information derived from IRS LISS-III 2020, 2021 & 2023 (Table 2). Area statistic of each land use /land cover category were generated in GIS software and has been determined to analyze change in their spatial distribution. By comparing the land use/land cover maps, a change detection map has been generated in smart GIS software to assess the major changes in the Mines area.

Table - 2 Land Use Details of Buffer Zone Chulhi Majhiyar mines 176.619 ha (Fig. 4, 5 & 6)			
Description	2021 (Area in Ha)	2022 (Area in Ha)	2023 (Area in Ha)
Cement plant unit II Boundary	116.8283	116.8283	116.8283
Agriculture Fallow	32250.5629	32134.9702	32080.6182
Dense Forest	416.7392	416.7392	416.7392
Lime Stone Quarry	1.6111	1.6951	1.94771
Open Scrub	1850.3830	1873.5082	1878.5419
Plantation	417.0737	417.0737	437.0997
River/Water Body	900.7866	918.7427	925.7819
Waste Land	26.6701	26.6701	26.6701
Solar Power Panel Area	34.0315	34.0315	34.0315
Crop Land	180.2107	244.7498	260.1332
Plant Area	17.5111	17.5111	17.5111
Reserved Forest	336.5917	336.5917	336.5917
Open Mix Jungle	136.7960	136.7960	136.7960
Other Quarry Land	521.7783	521.7783	521.7783
Afforestation	0.19511	0.19760	0.19760
BUILT UP LAND	3215.8919	3225.7498	3232.3668
Dumping Land	103.0329	103.0609	103.0609
TOTAL	40526.6942Ha	40526.6942Ha	40526.6942Ha

3. Conclusion

The Present study reveals that mining and industrial activities around Prism Johnson Ltd. are the main forces responsible for land use land cover change during years from commencement of their operation. The mining has increased manifold that has resulted in change land use in terms of cultivated land and water bodies in the area.

Exploitation on natural resource in the area is going on due to the expansion of limestone mining activities, and other industrial activities. This report focuses on LU/LC changes in the Mine lease areas and buffer areas in and around to Prism Johnson Limited, Satna India, using remote sensing data and GIS technology. Our results clearly show that LU/LC changes were summarized during the period of **2021, 2022 & 2023 in the Table no-2**. On the other hand there is minor change in agricultural area, water spread area, and forest areas. This study clearly indicates the significant impact of environmental and its development activities on LU/LC change. This study proves that integration of GIS and remote sensing technologies is effective tool for change detection. The quantification of LU/LC changes of Prism Johnson Ltd. area is very useful for environmental management groups, policy makers and for public to better understand the surrounding.







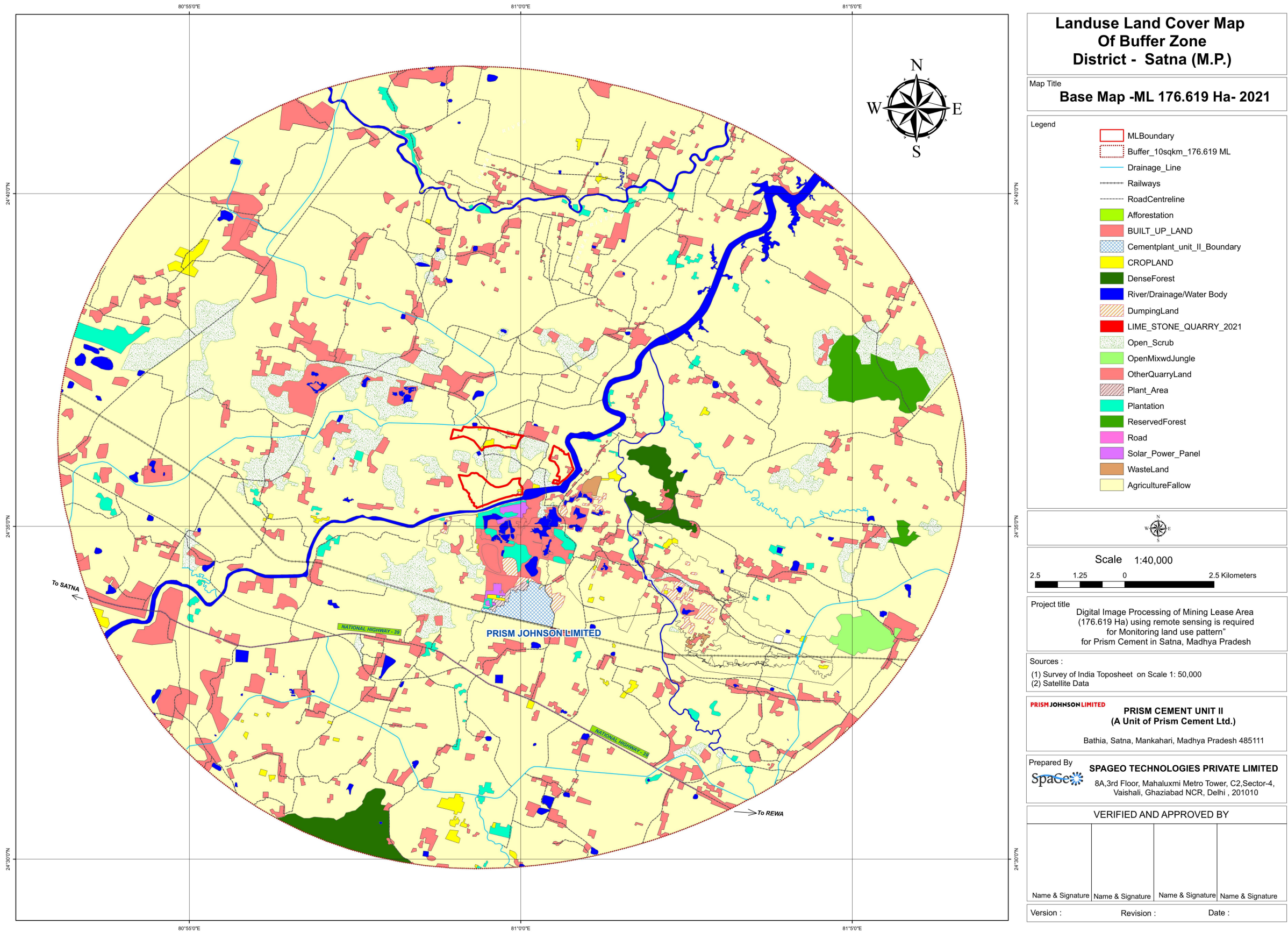


Fig: 4 Chulhi-Majhiyar Mine Land use/Land Cover Map of Buffer Zone-2021 (176.619 Ha)

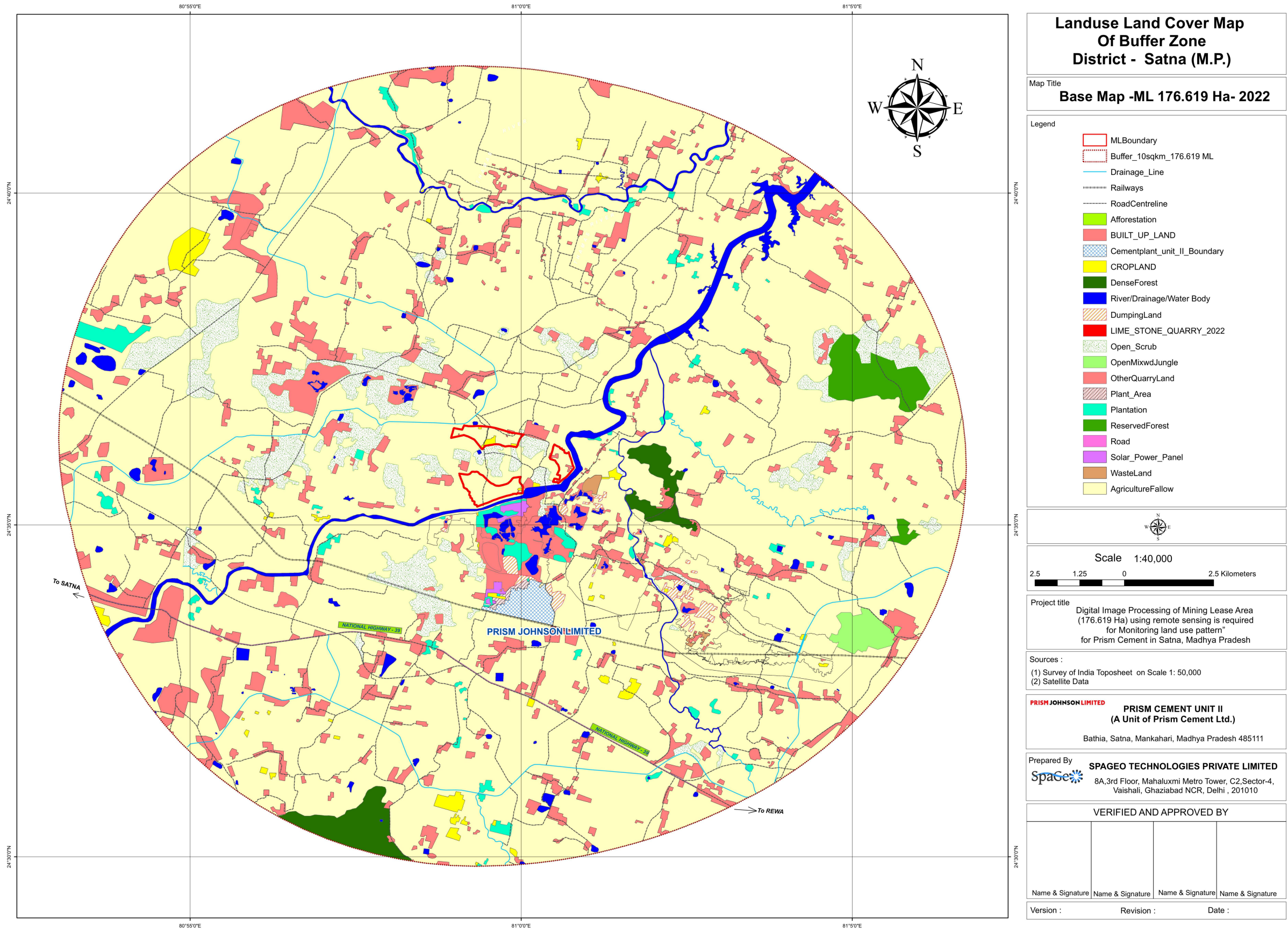


Fig: 5 Chulhi-Majhiyar Mine Land use/Land Cover Map of Buffer Zone-2022 (176.619 Ha)

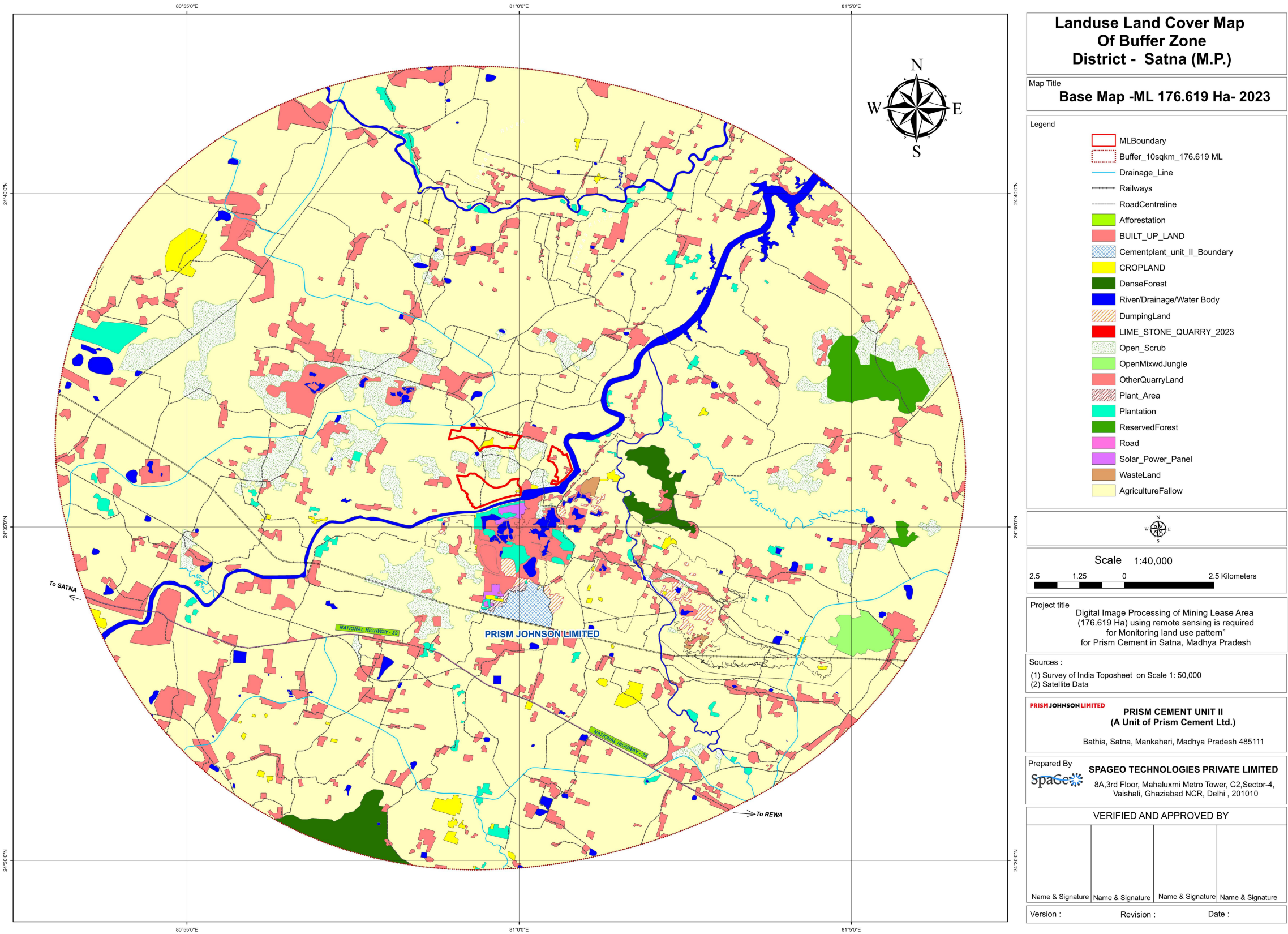


Fig: 6 Chulhi-Majhiyar Mine Land use/Land Cover Map of Buffer Zone-2023 (176.619 Ha)



Annexure 20 A: Intimation of opening mine in form C of Chulhi & Majhiyar mine



MIN/PJL/2021/

Date: 07.12.2021

दूर की सोच

To,
The Regional Controller of Mines
Indian Bureau of Mines, Jabalpur
Scheme No. 11, IBM Colony,
Kamla Nehru Nagar,
Jabalpur – 482002

Sub: Notice of intimation of opening / reopening of mine, in form C of Chulhi Majhiyar Limestone Mine of M/s Prism Johnson Ltd. over an area of 176.619 Hect. in village Chulhi & Majhiyar.

Dear Sir,

Please find the notice in form C of notice of opening / reopening of our mine, Chulhi Majhiyar Limestone Mine of M/s Prism Cement Limited over an area of 176.619 Hectare in village Chulhi & Majhiyar, Tehsil Kotar District Satna (M.P.)

We hope you will find the same in order.

Yours faithfully

For Prism Johnson Limited,

Vinod Shrivastava
Vice President & Agent-Mines
Chulhi Majhiyar Limestone Mines

Encl: As above

CC:

1. The Chief Controller of Mines, Indian Bureau of Mines NAGPUR- 440 001
2. The Controller of Mines, Central Zone, Indian Bureau of Mines NAGPUR- 440 001
3. The Directorate of Geology & Mining 29-A, Khanij Bhawan, Arera Hills, Bhopal – 462011
4. The Mining Officer, Collectorate, District Satna(M.P.) - 485001

PRISM JOHNSON LIMITED

(FORMERLY PRISM CEMENT 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



Annexure 20 A: Intimation of opening mine in form C of Chulhi & Majhiyar mine

FORM-C

(Notice of intimation of opening-reopening of mine-change in the name of mine)

[See rule 20, 29 & 49]

IMPORTANT INSTRUCTIONS FOR FILLING THE FORM

- This Form, duly filled in must reach the concerned authorities as prescribed within the rule, within fifteen days of the opening or reopening and within thirty days in case of change in the name of mine, by online or Email.
- This should be sent to the Regional Controller in whose territorial jurisdiction the mineral concession falls as notified from time to time by the Controller General, Indian Bureau of Mines, under rule 66 of the Mineral Conservation Development Rules, 2016.
- The form should be digitally signed by the concerned person.

To

The Regional Controller Mines,
Indian Bureau of Mines, Jabalpur - 482002

Copy for information to

1. The Chief Controller of Mines, Indian Bureau of Mines, Nagpur - 440 001
2. The Controller of Mines Central Zone
Indian Bureau of Mines, Nagpur - 440 001
3. State Government concerned.
 - i) The Directorate of Geology & Mining
29-A, Khanij Bhawan, Arera Hills,
Bhopal - 462011
 - ii) Mining Officer, Collectorate
Dhawari, Satna(MP)-485001

- | | |
|---|--|
| 1. IBM Registration Number | IBM/267/2011 |
| 2. Mining Lease Code | 3285 |
| 3. Mine Code | 267/38MPR35358 |
| 4. Name of mine -Old name of mine (in case of change in name) | Not Applicable |
| 5. Name and address of the lessee-owner | Shri Vivek K. Agnihotri
Executive Director & CEO - (Cement)
Prism Johnson Limited
"Rahejas" Plot No. 8E, Main Avenue
Vallabh Bhai Patel Road
Santacruz (W) Mumbai - 400 054 |
| 6. Date of opening-reopening of mine | 04.12.2021 |
| 7. In case of reopening, date of discontinuation | Not Applicable |
| 8. Particulars of the Mining Lease (ML) | ML Order No : F3-60/2008/12/1, Dtd: 22.07.2019 |
| 9. Location of the Mining Lease | |
| i) Village: Chulhi & Majhiyar Taluka/Tahsil : Kotar Distt. : Satna | |
| ii) Post Office: Malgaon Police Station : Rampur Baghelan Distt.: Satna | |
| iii) Nearest railway station: Satna Distance : 15 Km | |
| iv) Nearest Rest House/Dak Bangalow : Satna | |
| 10. Name and address of previous owner if any and the | Not Applicable |

Annexure 20 A: Intimation of opening mine in form C of Chulhi & Majhiyar mine

date of abandonment of Mine

11. Name and address of Agent of Mine

Name	Address	E-mail.	Mobile no.
Shree Vinod Shrivastava	M/s Prism Johnson Ltd. "Rajdeep", Rewa Road, Satna (MP)-485 001	vinod.shrivastava@prismjohnson.in	9584464612

12. Particulars of Mining Engineer employed in the mine:

Shri Dharmendra kumar singh

M/s Prism Johnson Ltd.

"Rajdeep", Rewa Road, Satna (MP)-485 001

Diploma (mining and mine surveying) with
First class certificate of competency issued by
the DGMS

(ii) Qualification :

(iii) Date of appointment :

06.12.2021

(iv) Status of employment: Whole time Part time

Whole time

13. Particulars of Geologist employed in the mine

Shri Santosh Kumar

M/s Prism Johnson Ltd.

"Rajdeep", Rewa Road, Satna (MP)-485 001

(ii) Qualification :

M. Tech (Applied Geology)

(iii) Date of appointment :

06.12.2021

(iv) Status of employment: Whole time Part time

Whole time

14. Particulars of Manager employed in the mine

Shri Dharmendra kumar singh

M/s Prism Johnson Ltd.

"Rajdeep", Rewa Road, Satna (MP)-485 001

Diploma (mining and mine surveying) with
First class certificate of competency issued by
the DGMS

(ii) Qualification :

(iii) Date of appointment :

06.12.2021

(iv) Status of employment: Whole time Part time

Whole time

15. Letter No. and date through which the mining
plan was approved by the Indian Bureau of
Mines or State Government concerned

Letter No.: MP/Satna/ Limestone/MPLN-
G30/18-19/7478 Dated 09.01.2019

Place: PJL, Satna

Signature:



Date: 07.12.2021

Name in full: Vinod Shrivastava

Designation: Owner / Agent / Mining Engineer / Manager



Consent Order

M.P. Pollution Control Board
E-5, Arera Colony
Paryavaran Parisar, Bhopal - 16 MP
Tele : 0755-2466191, Fax-0755-2463742

RED-LARGE
Outward No:120623,15/06/2024

CCA-Renewal

CONSENT NO: ***

Consent No: A W-60439

PCB ID: 131001

To,
The Occupier,
M/s. Prism Johnson Ltd. Chuli- Majhiyar Limestone Mine . 176.619 HA,
Village - Chulhi and Majhiyar, Tehsil – Kotar,
Distt- Satna (M.P.) Latitude : 24.3516 Longitude : 80.5856

Subject: Grant of Renewal of Consent under section 25 of the Water (Prevention & Control of Pollution) Act,1974 under section 21 of the Air (Prevention & Control of Pollution) Act,1981

Ref: Renewal of Consent Application R No. 1370222 Dt. 25/04/2024 and last communication received on Dt.02.05.2024

With reference to your above application for Renewal of Consent has been considered under the aforesaid Acts and existing rules therein. The M. P. Pollution Control Board has agreed to grant consent up to **30/09/2028**, subject to the fulfillment of the terms & conditions, enclosed with this letter and-

SUBJECT TO THE FOLLOWING CONDITIONS :-

- Location: Village - Chulhi and Majhiyar, Tehsil – Kotar, Distt- Satna (M.P.)
- Mining Lease area: 176.619 hect.
- Product & Production Capacity:

Product / Activity	Qty / year
Mining of Lime stone	3.0 Million Ton per year.
Generation of Soil/OB Waste	1.135 Million Ton per year

- For any change in above, industry shall obtain fresh consent from the Board.
- PP shall ensure that mining is done in sanctioned lease area; as per valid mining plan approved by the Regional Controller of MINES IBM Jabalpur for 5 years till 31.03.2029 vide letter No. 8818MCDR MPCOLSST/48/2023JBP dated 07.02.2024; & in compliance of the conditions laid in EC granted by MoEF & CC vide letter No. J-11015/86/2018-IA.II(M) dated 26.07.2021.
- PP shall ensure that area within 50 meters from kachcha road & within 100 meters from pucca road shall be reserved for development of plantations and demarcation of such area shall be done by the Revenue Officials in presence of Distt. Mining Authorities. PP shall prepare & get approval for the mining plan from the Competent Authority as per the need.
- PP shall ensure that no mining is done within 100 meters of any residential/public buildings, inhabited sites, protected monuments, heritage sites, National/State highways/District Roads, Railway lines/area, ropeways, bridges, dams/ reservoirs or any other water body. Mining between 100 to 200 meters of such structures shall be done without using explosives & if use of explosives is unavoidable it shall be done as per the site specific guidelines of the DGMS & Explosives Department of the GOI. The regulations for danger zone (500 meters) prescribed by Directorate General of Mines Safety shall also be complied compulsorily and necessary measures should be taken to minimise the impact on environment.
- Solid waste generated during mining process shall be stacked at earmarked site which shall be properly surrounded by garland drains & settling pits of adequate sizes so that no Soil/Silt/waste rock is discharged outside the mine lease area/ nearby water body blocking the natural flow of any nallah/river/pond. Top Soil / OB dump shall be biologically reclaimed.
- Evacuation of mineral shall not be through any village or forest area. PP shall provide pucca (Concreted/Ashphalted) approach road from main road to the mine site & ensure thick plantation on both side of this road to prevent dust/noise pollution.
- The dust generated during transportation of mineral & deposited on Approach/Haul roads shall be regularly removed by the road sweeping machines & suppressed by intermittent sprinkling of water on roads using pressurized water tankers of adequate capacity. PP shall practice regular compaction of loose material of haulage road & regular water sprinkling shall be done for control of generated fugitive emissions. Main haulage Road shall be provided with mist forming permanent water sprinklers on both sides to ensure control of dust during mineral transportation.

The Validity of the consent is up to **30/09/2028** and has to be renewed before expiry of consent validity. Online application through XGN with annual license fees in this regard shall be submitted to this office 6 months before expiry of the consent/Authorization. Board reserves the right to amend/cancel / revoke the above condition in part or whole as and when required.

Enclosures:-

* Conditions under Water Act* Conditions under Air Act* General conditions

CC to :-

- District Mining Officer, (Mining Section), Collector office, **Satna Dist. Satna (M.P.)** for information.
- M.P. State Mining Corporation, Arera Hills, Jail Road, Bhopal (M.P.) for necessary action please.
- Regional officer, Regional office, MPPCB, **Satna (M.P.)**

By the order of Chairman, MPPCB

Achyut Mishra

ACHYUT ANAND MISHRA
Member Secretary

eSign
Digitally Sign with Aadhaar

(Organic Authentication on AADHAR from UIDAI Server)
TPAV # SYE6Y755Q8

CONDITIONS PERTAINING TO WATER (PREVENTION & CONTROL OF POLLUTION) ACT 1974 :-

1. The daily quantity of sewage shall not exceed 2.40 KL/day & it shall be treated through Septic tank Soak pit.

2. Trade Effluent Treatment:-

The applicant shall provide comprehensive effluent treatment system as per the proposal submitted to the Board and maintain the same properly to achieve following standards-

pH	Between	5.5 – 9.0	TDS	Not exceed	2100 mg/l.
Suspended Solids	Not exceed	100 mg/l.	Chlorides	Not exceed	1000 mg/l.
BOD 3 Days 270C	Not exceed	30 mg/l.			
COD	Not exceed	250 mg/l.			
Oil and grease	Not exceed	10 mg/l.			

For other parameters general standards of discharge as notified under EP Act 1986 shall be applicable.

3. Sewage Treatment :- The applicant shall provide comprehensive sewage treatment system as per the proposal submitted to the Board and maintain the same properly to achieve following standards-

pH	Between	5.5 – 9.0
Suspended Solids	Not exceed	100 mg/l.
BOD 3 Days 270C	Not exceed	30 mg/l.
COD	Not exceed	250 mg/l.
Oil and grease	Not exceed	10 mg/l.
pH	Between	5.5 – 9.0

Sr	Water Code (Qty in klpd - Kilo Ltr per Day)	WC : 39.000	WWG : 2.400	Water Source	Remark
1	Domestic Purpose	3.000	2.400	Borewell	Eff. Treated through Septic tank Soak pit
2	Dust Suppression	16.000	0.000	Mine Water	Rain harvested Mine pit water to be used.
3	Plantation / Horticulture	20.000	0.000	Mine Water	Rain harvested Mine pit water to be used.

4. The effluent shall be treated up to prescribed Standards and reuse in the process, for cooling and for green belt devolvement/gardening within premises. Hence zero discharge condition shall be practiced. In no case treated effluent shall be discharged outside of industry/unit premises.

5. Any change in production capacity, process, raw material used etc. and for any enhancement of the above prior permission of the Board shall be obtained. All authorized discharges shall be consistent with terms and conditions of this consent. Facility expansions, production increases or process modifications which result new or increased discharges of pollutants must be reported by submission of a fresh consent application for prior permission of the Board

6. All treatment/control facilities/systems installed or used by the applicant shall be regularly maintained in good working order and operate effectively/efficiently to achieve compliance of the terms and conditions of this consent

7. The specific effluent limitations and pollution control systems applicable to the discharge permitted herein are set forth as above conditions.

8. Compilation of Monitoring data-

i. Samples and measurements taken to meet the monitoring requirements specified above shall be representative of the volume and nature of monitored discharge.

ii. Following promulgation of guidelines establishing test procedures for the analysis of pollutants, all sampling and analytical methods used to meet the monitoring requirements specified above shall conform to such guidelines unless otherwise specified sampling and analytical methods shall conform to the latest edition of the Indian Standard specifications and where it is not specified the guidelines as per standard methods for the examination of Water and Waste latest edition of the American Public Health Association, New York U.S.A. shall be used.

iii. The applicant shall take samples and measurement to meet the monthly requirements specified above and report online through XGN the same to the Board.

9. Recording of Monitoring Activities & Results-

- i. The applicant shall make and maintain online records of all information resulting from monitoring activities by this Consent.
- ii. The applicant shall record for each measurement of samples taken pursuant to the requirements of this Consent as follows:
 - (i) The date, exact place and time of sampling
 - (ii) The dates on which analysis were performed
 - (iii) Who performed the analysis?
 - (iv) The analytical techniques or methods used and
 - (v) The result of all required analysis
- iii. If the applicant monitors any Pollutant more frequently as is by this Consent he shall include the results of such monitoring in the calculation and reporting of values required in the discharge monitoring reports which may be prescribed by the Board. Such increased frequency shall be indicated on the Discharge Monitoring Report Form.
- iv. The applicant shall retain for a minimum of 3 years all records of monitoring activities including all records of Calibration and maintenance of instrumentation and original strip chart regarding continuous monitoring instrumentation. The period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the applicant or when requested by Central or State Board or the court.

10. Reporting of Monitoring Results:-

Monitoring Information required by this Consent shall be summarized and reported by submitting a Discharge Monitoring report on line to the Board.

11. Limitation of discharge of oil Hazardous Substance in harmful quantities:-

The applicant shall not discharge oil or other hazardous substances in quantities defined as harmful in relevant regulations into natural water course. Nothing in this Consent shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities, or penalties to which the applicant is or may be subject to clauses.

12. Limitation of visible floating solids and foam:

During the period beginning date of issuance the applicant shall not discharge floating solids or visible foam.

13. Disposal of Collected Solid waste/sludge-

All hazardous waste/sludge shall be disposed of as per the Authorization issued under Hazardous & other waste (M&TM) Rules 2016. And/other Solids Sludge, dirt, silt or other pollutant separated from or resulting from treatment shall be disposed of in such a manner as to prevent any pollutant from such materials from entering any such water. Any live fish, Shell fish or other animal collected or trapped as a result of intake water screening or treatment may be returned to eaters body habitat.

14. Provision for Electric Power Failure-

The applicant shall assure to the consent issuing authority that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities utilized by the applicant to maintain compliance with the terms and conditions of the Consent.

15. Prohibition of Bypass system of treatment facilities-

The diversion or by-pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this Consent is prohibited except:

- i. where unavoidable to prevent loss of life or severe property damage, or
- ii. Where excessive storm drainage or run off would damage any facilities necessary for compliance with the terms and conditions of this Consent. The applicant shall immediately notify the consent issuing authorities in writing of each such diversion or by-pass in accordance with the procedure specified above for reporting non-compliance.

16. Industry/Institute/mine management shall submit the information online through XGN in reference to compliance of consent conditions.

Additional Water condition:-

- 1) The mine management shall maintain zero discharge condition.
- 2) Mine management shall made arrangements for ground water recharge.
- 3) Mine management shall ensure that the silt shall not flow to the nearby water body.
- 4) Mine management shall provide toilets along with septic tank and soak pit.
- 5) Mine shall treat mine water to the extent that it should meet the quality of drinking water source quality standards. The treated mine water should be used for beneficiation purposes such as plantation, irrigation etc

Consent No:AW-60449

CONDITIONS PERTAINING TO AIR (PREVENTION & CONTROL OF POLLUTION) ACT 1981 :-

1. The applicant shall provide comprehensive air pollution control system consisting of control equipments as per the proposal submitted to the Board with reference to generation of emission and same shall be operated & maintained continuously so as to achieve the level of pollutants to the following standards:-

Name of section	Capacity	Control equipment to be installed	SPM/RSPM/SO ₂ /NO _x (Time weighted Average)* (µg/Nm ³)
Loading-unloading, Haul road, Transportation, Crusher etc,	Fugitive Emission	Dust Collector, Dust Suppressor, Green Belt, Water Sprinkler, Wind Breaking Wall,	Annual average : 430 / 215/80/80 24 hour average : 600/300/120/120

2. Ambient air quality at the boundary of the industry/unit premises shall be monitored and reported to the Board regularly on quarterly basis: The Ambient air quality norms are prescribed in MoEF gazette notification no. GSR/826(E), dated: 16/11/09. Some of the parameters are as follows:

- Particulate Matter (less than 10 micron) - 100 µg/m³ (PM₁₀ µg/m³ 24 hrs. basis)
- Particulate Matter (less than 2.5 micron) - 60 µg/m³ (PM_{2.5} µg/m³ 24 hrs. basis)
- Sulphur Dioxide [SO₂] (24 hrs. Basis) - 80 µg/m³
- Nitrogen Oxides [NO_x] (24 hrs. Basis) - 80 µg/m³
- Carbon Monoxide [CO] (8 hrs. Basis) - 2000 µg/m³

3. The industry shall take adequate measures for control of noise level generated from industrial activities within the premises less than 75 dB(A) during day time and 70 dB(A) during night time.

4. The industry/unit shall make the necessary arrangements for control of the fugitive emission from any source of emission/section/activities.

5. All other fugitive emission sources such as leakages, seepages, spillages etc shall be ensured to be plugged or sealed or made airtight to avoid the public nuisance.

6. All the internal roads shall be made pucca to control the fugitive emissions of particulate matter generated due to transportation and internal movements. Good housekeeping practices shall be adopted to avoid leakages, seepages, spillages etc.

7. Industry shall take effective steps for extensive tree plantation preferably in 03 rows of the local tree species with minimum spacing of 2X2 meters within or around the industry/unit premises for general improvement of environmental conditions and as stated in below.

Additional Air condition:-

- 1) Mine management shall install CAAQMS stations at suitable locations to monitor ambient air quality in the leased area and in the vicinity. Mine management shall ensure suitable connectivity of CAAQMS with Environment Surveillance Centre of the M.P. Pollution Control Board for monitoring and data transmission purposes.
- 2) Approach roads shall be metal topped. The haul road shall be compacted on regular interval to reduce the emission from loose silt/ material.
- 3) Drills shall be wet operated to reduce the fugitive emission.
- 4) Mining area should be surrounded by green belt having thick canopy of the tree cover.
- 5) Progressive afforestation plan shall be implemented at the end of mining, which include reclaimed external OB dump area, internal OB dump area and green belt in township located outside the lease.
- 6) Sufficient number of water tanker for water sprinkling shall be provided for the control of fugitive emission from road transportation.
- 7) The vehicle used for the transportation of minerals / material shall be PU certified and shall be properly maintained to reduce the noise.

Consent No:AW-60449

GENERAL CONDITIONS:

1. The non hazardous solid waste arresting in the industry/unit/unit premises sweeping, etc. be disposed off scientifically so as not to cause any nuisance/pollution. The applicant shall take necessary permission from civic authorities for disposal to dumping site. If required.

Non Hazardous Solid wastes:-

Type of waste	Quantity	Disposal
Scrap/ Plastic packing material wood, card board, gunny bags etc		Sale to authorized party/As Per CPCB. MoEF Guide lines / Others.

2. The applicant shall allow the staff of Madhya Pradesh Pollution Control Board and/or their authorized representative, upon the representation of credentials:

- To inspect raw material stock, manufacturing processes, reactors, premises etc to perform the functions of the Board.
- To enter upon the applicant's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this Consent.
- To have access at reasonable times to any records required to be kept under the terms and conditions of this Consent.
- To inspect at reasonable times any monitoring equipment or monitoring method required in this Consent: or,
- To sample at reasonable times any discharge or pollutants.

3. This consent / authorisation is transferable in nature, in case of any change in ownership / management, the new owner / partner / directors / proprietor shall immediately apply for the consent with new requisite information.

4. The issuance of this Consent does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorise any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.

5. This consent is granted in respect of Water pollution control Act 1974 or Air Pollution Control act, 1981 or Authorization under the provisions of Hazardous and other Waste (Management & Transboundary movement) Rules 2016 only and does not relate to any other Department/Agencies. License required from other Department/Agencies have to be obtained by the unit separately and have to comply separately as per there Act / Rules.

6. Balance consent/authorisation fee, if any shall be recoverable by the Board even at a later date.

7. The applicant shall submit such information, forms and fees as required by the board not later than 180 day prior to the date of expiration of this consent/authorisation

8. Knowingly making any false statement for obtaining consent or compliance of consent conditions shall result in the imposition of criminal penalties as provided under the section 42(g) of the Water Act or section 38 (g) of the Air Act.

9. After notice and opportunity for the hearing, this consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to, the following:

- Violation of any terms and conditions of this Consent.
- Obtaining this Consent by misrepresentation of failure to disclose fully all relevant facts.
- A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.

10. On violation of any of the above-mentioned conditions the consent granted will automatically be taken as canceled and necessary action will be initiated against the industry.

Additional condition:-

1. The Mine shall optimize the water abstraction from the surface water source by utilizing the mine discharge for spraying on haul roads, mine area and loading - unloading area after proper treatment.

2. Adequate & effective precautionary measures shall be taken before and during operation, maintenance and cleaning of pollution control system to avoid any accidental hazard.

3. Extensive tree plantation shall be carried out in open areas available within and around the mine premises in consultation with expert agency. Good housekeeping practice shall be adopted.

4. Overburden dumps shall be stored at the earmarked location along with proper stabilization arrangements and retaining wall. The maximum height of the dump shall not exceed 20 mt, each stage shall preferably be of maximum 10 mt and overall slope shall not exceed 35°. Mine shall have to take effective steps to check the soil erosion from over burden/waste material dumping area, causing silting problem into nearby nallah/ river/ pond during the rainy season

5. The Over Burden dumps shall be backfilled and scientifically vegetated with suitable native species to prevent erosion and surface runoff.

Consent No:AW-60449

6. Catch drains and siltation ponds of appropriate size shall be constructed to arrest silt, sediment flow from soil, OB dumps.
7. Mine Management shall construct Garland drain of appropriate size, gradient and length and sump capacity shall be designed and maximum discharge in the area adjoining the mine site. The garland drain shall be stone pitched / lined to prevent the soil erosion. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de-silted at regular intervals.
8. Top soil shall be scraped & separately stacked with proper slope and adequate safeguards; it shall be utilized for carpeting over the backfilled area and rehabilitation of mined out area.
9. Mine management shall provide artificial recharger measures, rain water harvesting system.
10. Mine management shall provide fencing all around the lease area to prevent accident hazard.
11. Vehicular emissions should be kept under control and regularly monitored for compliance of emission norms. Vehicles used for transporting the mineral should be covered with tarpaulins and optimally loaded. Transportation of excavated material shall be limited to day time only
12. Controlled blasting should be practiced with the use of delay detonators and only during daytime. The mitigative measures for control of ground vibrations and to arrest the fly rocks and boulders should be implemented. Blasting shall be done during day time only.
13. Mine management shall submit environmental statement for the previous year ending 31st March on or before 30th September every year to the Board.
14. Mine management shall ensure the compliance of conditions of environmental clearance pertaining to pollution control
15. Mine shall comply with the provisions of all the relevant Acts/Rules/Directions/Guidelines issued by MoEF/ CPCB/ MPPCB time to time as required and if applicable.
16. Mine shall comply with the Directions/ Orders issued by Hon'ble Supreme Court/ High Court/ NGT time to time in the relevant Writ Petitions.
17. Mine management shall install industrial grade HD IP (Internet Protocol) Pan-Tilt-Zoom (PTZ) Camera with minimum 5X zoom and night vision facility for remote surveillance and constant vigil of emission source and effluent discharge points.
18. Mine management shall establish suitable connectivity of IP-Camera with Environment Surveillance Centre at the HQ of M.P. Pollution Control Board for monitoring and data transmission purpose.

Consent/authorization as required under the Water (Prevention & Control of Pollution) Act, 1974, The Air (Prevention & Control of Pollution) Act, 1981 is granted to your industry subject to fulfillment of all the conditions mentioned above. For renewal purpose you shall have to make an application to this Board through XGN at least Six months before the date of expiry of this consent/authorisation. The applicant without valid consent (for operation) of the Board shall not bring in to use any outlet for the discharge of effluent and gaseous emission.

**For and on behalf of
M.P. Pollution Control Board**

By the order of Chairman, MPPCB



**ACHYUT ANAND MISHRA
Member Secretary**



**(Organic Authentication on AADHAR from UIDAI Server)
TPAV # SYE6Y755Q8**

Consent No:AW-60449



भारत सरकार
Govt. of India
श्रम एवं रोजगार मंत्रालय
Ministry of Labour & Employment
खान सुरक्षा महानिदेशालय
Directorate-General of Mines Safety



NO: 362639|NZ|Jabalpur Region|Perm|2024|271289

Date: 09/03/2025

From
The Director of Mines Safety,
Jabalpur Region

To,
The Agent,
Chulhi - Majhiyar Limestone Mine
Prism Johnson Limited
Village -Chulhi - Majhiyar, Post- Goraiya
Teh. Kotar, Distt. Satna (M.P.)

Sub : Relaxation from the provision of Regulation 106(2)(b) of the Metalliferous Mines Regulations, 1961 to work the mine by opencast method with deployment of Heavy Earth Moving Machinery in conjunction with deep hole drilling and blasting at Chulhi - Majhiyar Limestone mine of M/s Prism Johnson Limited, located in village: Chulhi and Majhiyar, Tehsil:- Kotar, District- Satna (Madhya Pradesh).Renewal with modification there of

Sir,

Please refer to your letter No. PJJ/MIN/CM/2024/44 dated 30.12.2024 and online application ID No.271289 dated 31.12.2024 and the plan No PJJ/C/2024/101 Dated 20.12.2024 enclosed therewith on the above subject.

In exercise of the powers conferred on the Chief Inspector of Mines (also designated as Director General of Mines Safety) under Regulation 106(2)(b) of the Metalliferous Mines Regulations, 1961 and by virtue of the authorization granted to me by the Chief Inspector of Mines (also designated as Director General of Mines Safety) under Section 6(1) of the Mines Act, 1952, I hereby renew with modification the relaxations granted vide letter no. 362639|WZ|Jabalpur Region|Perm|2022|237080 dated 31/03/2022 from the provision of Regulation 106(2)(b) of the Metalliferous Mines Regulations, 1961 to work the mine by opencast method with deployment of Heavy Earth Moving Machinery in conjunction with deep hole drilling and blasting at Chulhi - Majhiyar Limestone mine of M/s Prism Johnson Limited in **Block-1 (bounded by points marked as A-1, A-2, A-3, A-4, A-5, A-6, A-7, A-8, A-9, A-10, A-11, A-12, A-13, A-14, A-15, A-16, A-17, A-18, A-19, A-20, A-1) in Eastern part of the lease and Block-2 (bounded by points marked as B-1, B-2, B-3, B-4, B-5, B-6, B-7, B-8, B-9, B-10, B-11, B-12, B-13, B-14, B-15, B-16, B-17, B-18, B-19, B-20, B-21, B-22, B-23, B-24, B-25, B-26, B-27, B-28, B-29, B-30, B-31, B-32, B-33, B-1) in South - Western part of the lease as shown on Plan No. PJJ/C/2024/101 Dated 20.12.2024** subject to the strict compliance of the following conditions:-

1.0 G E N E R A L :

1.1 Except where otherwise provided for in this conditional permission, all provisions of the Metalliferous Mines Regulations, 1961, relating to opencast workings, use of explosives and machinery, etc., shall be strictly complied with.

1.2 The opencast workings shall not be extended in areas within the lease unless the land has been acquired by the mine owner and is under the owner's physical possession. No mine working shall be extended beyond the leasehold of the mine.

1.3 No blasting shall be conducted in mine within 100m of any public works, School, dwellings/houses, structure, HT and LT lines, not belonging to the owner of the mine. Blasting in the mine shall be carried out strictly as per the stipulations laid down in Regulation 164 of the MMR, 1961

1.4 No working shall be made or extended to any point within 45m of any structure, Public road, Dwellings/houses, power lines not belonging to the owner of the mine.

1.5 No deep hole blasting shall be done within 300 meters of any surface structures/HT and LT lines/buildings not belonging to owner of the mine unless permission under the provisions of Regulation 164 (1-B) (a) of the Metalliferous Mines Regulations, 1961, is obtained from this Directorate.

1.6 Where any permanent building or structure, not belonging to owner of the mine lies within danger zone, the aggregate maximum charge in all the holes fired at one time shall not exceed two kilograms (2.0 kg) unless permitted in writing from this Directorate. If blasting is done with delay detonators or other means and that there is a delay of at least half a second between successive shots fired, maximum charge of two kilograms can be used in each hole.

1.7 No blasting in the mine shall be carried out within 300m of public roads till such time the blasting in charge has ensured that no persons/vehicles pass on such roads during the time of blasting. For the purpose, drop bar barrier shall be provided on both side of such road at a distance of 300m from the place of firing of shots in the proposed limit of quarry and during blasting,

guard shall be posted on the Barrier and persons/vehicles shall not be allowed to pass on the said road during blasting and till the time all clear signal after blasting is obtained.

1.8 Before every blast, the blaster shall ensure that all persons other than him have taken adequate shelter in a radius distance of 500m from the site of blasting in the mine. Blaster shall also take adequate shelter. The persons/employees of the nearby mines, crushers, hoppers, rest shelters, dwellings, public utilities, structures etc. belonging or not belonging to owner lying within 500m radial distance shall also been withdrawn outside danger zone or removed to proper blasting shelter.

1.9 No working shall be extended upto 7.5m from the area not belonging to the owner within lease boundary. Approach road to such area shall be kept maintained.

1.10 To control flying fragments resulting out of blasting, following additional precautions shall be taken.

i. Blasting shall be done against free face only.

ii. Moist sand or only such stemming material that is free from pebbles and stones chips shall be used for stemming of holes.

iii. The area falling within a distance of 100 cm from the collar of each shot hole shall be cleaned of loose stones, drill cuttings, debris and other loose materials.

1.11 The working faces in the mine shall be so oriented that the free face for blasting is away from the adjoining mine/Crusher if any.

1.12 Danger zone shall be kept marked in the field as well as on the plan maintained under Regulation 60.

1.13 The owner shall indemnify occupants/owners of the houses/ dwellings/ buildings or other structures of public authority concerned, if any, against the dangers to those properties or injury to them or other persons arising out of operations conducted under this permission.

1.14 No working shall be made in any spot lying within horizontal distance of 15 m from either bank of river or canal or any stream, Nallah, or from boundary of a lake or other surface reservoir etc. without obtaining permission in writing from this Directorate under Regulation 127 of the Metalliferous Mines Regulations, 1961. Adequate protection against inrush of water from river or canal or any stream, Nallah, or from lake or other surface reservoir in the mine shall be provided and maintained.

1.15 Garland drains of adequate size shall be provided on the surface on the periphery of the opencast working to divert rain water from flowing down the slopes. The drains shall preferably be made impervious by plastering of floor and sides to minimize seepage of water through the strata.

1.16 During heavy rain, the Manager or senior most mine official present in the mine, shall go round the surface area of the mine to check vulnerable points and effectiveness of the safety measures. Standing orders for withdrawn of persons from the mine in case of apprehended danger should be framed and enforced.

1.17 This Directorate shall be informed as soon as the mining operations are commenced in accordance this condition governing and intimation about temporary discontinuance or completion of mining operations shall also be sent promptly and in any case not later than one month thereof.

1.18 No secondary blasting shall be done in the mine. Whenever it is required to break big pieces of rocks, rock breaker shall be used.

1.19 Special care shall be taken when any slip or other planes of weakness or other geo-logical disturbances exist, so as to prevent danger to the work-persons.

1.20 Top of the mine shall be properly fenced to prevent inadvertent entry of persons in the mine.

1.21 No blasting shall be conducted using SME/SMS/ANFO explosive without having valid permission obtained under Regulation 155(1) & 162(5) of Metalliferous Mines Regulations, 1961.

1.22 Embankment designed and constructed on sound civil engineering principles to serve as dam shall be provided and maintained around the opencast workings. The top of the embankment shall have a reduced level of atleast 289m in the Block -1 and atleast 291m in the Block -2.

1.23 A danger level mark with RL at 284m shall be fixed for block -1 and 287m shall be fixed for block -2. Suitable emergency plan shall be put into operation whenever water level in Tamas River touches this level or remains above it.

1.24 Float operated alarm switch shall be installed at a suitable point on the bank of Tamas River to give audio visual alarms at attendance office, manager's office, engineer's office and at manager's residence whenever level of water in Tamas River touches or remains above danger mark. Float operated alarms shall be provided with alternate source of power so that it remains operational even during total failure of MPEB power supply.

1.25 Float operated alarms shall be maintained constantly operational and effectiveness of the system shall be checked by the engineer once in every day during the rainy season. Records of the same shall be maintained in a bound paged book which shall

be countersigned by the manager every day.

1.26 Sufficient number of poles with RL marked at interval of 0.5m shall be installed in / at the bank of Tamas River. All such poles shall be visible (at all times of day and night) from a suitably located hut, from the bank of Tamas River. At least one guard in each shift shall be posted to keep watch on the level of water. The guard shall personally inform manager as and when level of water in the River touches or remains above danger mark.

1.27 No blasting shall be conducted in Block –II during school time.

2.0 Open Cast Working:

Height and Width of Benches:

The height of benches in Alluvium shall not be more than 3.0m and that in overburden, ore body or other rock formation shall not be more than the digging height of the machine used for digging, excavation or removal and in any case, it shall not be more than 8.0m

Width of any bench shall not be less than-

- (i) Width of the widest machine plying on the bench plus 2m, or
- ii) if dumpers ply on the bench, 3 times the width of the dumper, or
- iii) the height of the bench, whichever is more.

When persons are employed within 5m of the working face, adequate precautions shall be taken to ensure their safety by dressing the sides of the bench.

Quarrying operations shall be conducted from top downwards and no men and machineries shall be deployed at the bottom of the high bench. The provisions of sub-regulations (4) & (5) of Regulation 106 shall be complied with.

3.0 Roads for Trucks and Dumpers etc:

3.1 haul roads for dumpers/trucks/tippers or other mobile machinery shall be constructed to suit its load capacity and shall be maintained in good condition.

3.2 Wherever practicable, all roads for dumpers/trucks/tippers from the opencast workings shall be arranged to provide one-way traffic. Where it is not practicable to provide for one-way traffic, no road shall be of a width less than “three times the width of the largest vehicle plus 5m” plying on that road unless definite turnouts, crossing points are demarcated by proper sign boards for the guidance of drivers of such dumpers/trucks/tippers.

3.3 All corners and bends in haul roads for HEMM/dumpers/trucks/tippers shall be so designed, made and kept maintained that the operators and drivers of vehicles plying on the road have clear view along the road, for a distance of not less than three times the braking distance of largest HEMM when plying at the rated speed, as fixed by the manager.

3.4 Where visibility for a distance as above cannot be ensured, separate lanes shall be provided at all corners and bends in haul roads of widths not less than “2 times the width of the largest vehicle plus 3m” plying on that road. The lanes shall be separated by a strong divider for up and down traffic, and the divider shall be adequately lighted and painted with fluorescent zebra-lines at its sides.

3.5 Except with the express permission in writing of the Regional Inspector of Mines (now designated as Director of Mines Safety), no haul roads shall have a gradient steeper than 1 in 16 at any place, except for ramps over small stretches not exceeding 10 m in length, where gradient up to 1 in 10 may be permitted.

3.6 Where any road existing above level of surrounding area, it shall be provided with strong parapet wall/embankment of following dimensions:

Width at top-not less than 1 m.

Width at bottom-not less than 2.5m.

The height not less than the diameter of the largest tyre of the vehicles plying on the road. Dumping of mud or overburden shall not be treated as strong parapet wall. Dumping of mud or overburden shall not be treated as parapet wall.

3.7 No vehicle other than the transport vehicles shall be used on the haul roads, except between designated points and when permitted in writing by the manager.

3.8 Separate road for light motor vehicle used for inspection shall be provided in the premises of mechanized opencast mine. The provision of DGMS (Tech.) Circular No. 6 dated 11.11.2010 shall be strictly complied.

4.0 Spoil Banks/Overburden Dumps:

4.1 (a) Spoils, overburden or debris shall be deposited at places belonging to the mine and duly approved by the manager in writing.

4.1(b) Spoils, overburden or debris shall not be deposited, beneath transmission, telephone or power lines or near any other public structure.

4.1(c) The slope of a spoil bank face shall be determined by natural angle of repose of the material being deposited, but shall in no case exceed 37.5 degree from the horizontal. The spoil bank face shall not be retained by artificial means.

4.2 (a) The spoils, overburden or debris shall not be deposited within 45m of a railway line, public road, other public works or other structures of permanent nature, not belonging to management.

(b) A suitable fence shall be erected between any railway line, other public works or road, or buildings or structures not belonging to the management, and the toe of every active spoil bank so as to prevent unauthorised persons from approaching the spoil bank.

4.3 No person shall, or shall be permitted to approach the toe of an active spoil bank where he may be endangered from material rolling down the face. Suitable warning signs at conspicuous places shall also be displayed.

5.0 Supervision:

5.1 A person, possessing First class manager's certificate of competency under the MMR, 1961 and authorised as per the provision of Regulation 34 of the Metalliferous Mine Regulations, 1961, shall be appointed as the manager of the mine. This permission shall stand revoked as soon as the qualified manager ceases to work at the mine.

5.2 Adequate number of supervisors including duly qualified Assistant Manager, Engineer, Foremen and Mining Mates shall be appointed to assist the Manager. The Manager, Assistant manager, Engineer, Foreman and Mate shall be responsible to ensure compliance of stipulations of conditions governing grant of this permission and other provisions of the Regulations, Rules, by-laws, orders, and circulars issued from time to time, as may be applicable. They shall also supervise transport and loading operations being done by contractor(s), if any. Assistant Manager, Foremen and Mining Mates shall be appointed in each shift in each block.

5.3 Manager shall in particular –

- a. make frequent inspections for evidence of slides or of material that may slide or roll from the high wall (including the face and sides) or spoil-bank;
- b. not allow any person to work under overhanging ledges or where there is evidence of slides, until such danger has been removed;
- c. ensure that every person engaged in dressing operations on high walls/sides is provided with, and uses, a safety belt of a type approved by the Chief Inspector of Mines;
- d. ensure that all loose material is removed from high wall/side before persons are engaged there; and
- e. ensure that parapet walls along truck roads are of adequate size and properly maintained.

5.5 Manager shall frame code of practices for each operation and copy of it shall be handed over to all concerned. It shall be the duty of all statutory persons to enforce the code of practices so framed.

5.6 The deep hole drilling and blasting shall be carried out under the personal supervision of the manager. Blasting parameters of each blast with a sketch showing the drilling pattern and the holes charged shall be maintained in register kept for the purpose for each blast.

5.7 Manager shall in particular: Prepare “Safety Management plan” as per guidelines of DGMS Circular No. DGMS (Tech) (S&T) Circular No: 13 of 2002, DGMS (Tech) (S&T) Circular No: 02 of 2011 & DGMS (Tech) (S&T) Circular No. 05 of 2016 & DGMS Technical Circular No. 03 of 2019

6.0 Design, operation and maintenance of Shovels, Dozers, Drills and other machineries:

6.1 Every Shovel and dozer shall be so designed as to afford the operator clear and uninterrupted vision all round.

6.2 Every machinery or vehicle shall be provided with efficient warning devices, front and rear lights, and efficient brakes.

6.3 Every shovel, excavating / loading / digging machine shall be so designed as to afford the operator clear and uninterrupted vision all around and shall be provided with a retracting ladder, a portable lamp for emergency in case the machine is deployed beyond day-light hours, and suitable portable fire extinguishers.

6.4 The operator's cabin of heavy earth moving machinery shall be well designed and substantially built so as to ensure adequate protection to the operator against heat, dust, noise etc. and at the same time provided adequate safety to the operator in the event

of overturning of heavy earth moving machinery. A seat belt for the safety of the operator shall be provided.

6.5 The operator's cabin of every shovel, dozer, drill, and other HEMM shall be well designed and substantially built and air conditioned so as to render adequate protection to the operator against heat, dust, noise etc., A seat belt for the safety of the operator shall also be provided in the equipment/HEMM.

6.6 Truck mounted drill machines designed for tube well drilling for sources of water shall not be used and only proper type of blast hole drill machine, especially designed for mining purpose, shall be used in the mine.

6.7 Every shovel and dozer shall be under the charge of a competent person, authorized in writing by the manager, herein called the 'Operator'.

6.8 All persons employed or to be employed to operate shovel, dozer and other HEMM shall be trained and their competency shall be evaluated by a Board constituted by the management. The member of such board shall be persons who are not connected with imparting of training. However, the training officer(s) may be co-opted in the Board as observer.

6.9 Only such fitters/mechanics possessing driver's/operator's license, shall be allowed to carry out test run the machine for work nor shall he work the machine, unless he is satisfied of its safe working order.

6.10 No person other than the operator or the manager or any person so authorised in writing by the manager shall ride on a shovel, dozer and drill.

6.11 No person shall be permitted to ride in the bucket of a shovel or pay loader.

6.12 Shovel dippers and pay loader bucket shall be lowered to the ground during greasing operations.

6.13 No shovel or pay loader shall be operated in a position, where any part of the machine or suspended loads there from are brought closer than 3m to exposed high voltage transmission lines, unless the current has been cut off from such exposed transmission, and positive means have been taken to prevent the lines from being energised. A notice of this requirement shall be posted at the operator's position.

6.14 Electrical cables, if any, shall be laid in such a manner that they are not endangered either by falling rocks or by any mobile equipment.

6.15 The shovel bucket shall be pulled out of the bank as soon as it is full.

6.16 When being operated in soft or unstable ground and every shovel shall be supported on mats, heavy planks or poles so as to distribute the load of the machinery over larger area and prevent its toppling.

6.17 When not in use, the shovel and surface miner shall be moved to and stood on stable ground.

6.18 If more than one stripping machine is in use in any area, either on the same bench or on different benches, the machines shall be so spaced that there is adequate space for safe operation of each equipment, and there is no danger from flying or falling pieces of stones etc. from one machine to the other.

6.19 The safety features recommended in equipment's shall be made a part of the notice inviting tender for new procurement and the design and drawing shall be obtained from OEM for fitting the same in old equipment.

7.0 Duties of Shovel, Dozer and Drill operators:

7.1 Before any machine is put into operation, the operator shall look for any placard/tags on the machine like "OUT OF ORDER", "UNDER REPAIRS", etc. and in case such tags are seen anywhere in the entire system, the machine shall not be started.

7.2 At the commencement of his shift, the operator shall personally inspect and test the machine, paying special attention to the following details

i) That every warning device is in working order.

ii) That it is mechanically sound and in efficient working order, and

iii) That the lighting fixtures are in proper working orders, if the machine is required to work beyond day light hours.

7.3 He shall not take out the machine for work nor shall he work the machine, unless he is satisfied of its safe working order.

7.4 The operator shall maintain a record of every inspection made in a bound paged book kept for the purpose, and shall sign every entry made therein.

7.5 The operator shall keep the cab window clean so as to ensure clear vision at all times.

7.6 The walkways in or about the cab of any shovel, dozer and surface miner shall be kept free of loose tools, grease containers or other material that might fall or give rise to tripping hazard.

7.7 The operator shall not operate the machine when persons are in such proximity as to be endangered.

7.8 The operator shall not swing the bucket over-passing the trucks/dumpers when they are being loaded. He shall swing the bucket over the body of the truck/dumpers whilst loading and not over the cab, unless the cab is protected by a substantially strong cover.

7.9 Before leaving the machine, the operator shall lower the bucket to the ground.

7.10 The operator shall not allow any unauthorised person to ride on the machine.

8.0 Maintenance of Equipment

8.1 If the engineer, mechanical foreman or other competent person making an inspection notices any defect in any machinery, the said machinery shall not be used until the defect has been remedied.

8.2 Any defect in machinery reported by its operator shall be promptly attended.

8.3 Any machine found to be in an unsafe operating condition shall be tagged at the operator's position 'OUT OF SERVICE DO NOT USE' and its use shall be prohibited until the unsafe condition has corrected.

8.4 All repairs to a machine shall be done at a location which will provide a safe place for the persons engaged on repairs.

8.5 Except for testing, trial or adjustment which must necessarily be done while the machine is in motion, every machine shall be shut down and positive means taken to prevent its operation while any repair or manual lubrication is being done.

8.6 Power shall be disconnected when repairs are made to any electric machine.

8.7 Any machinery, equipment or part thereof which is suspended or held apart by use of slings, hoists or jacks shall be substantially blocked or cribbed before men are permitted to work underneath or between such machinery, equipment or part thereof.

8.8 All repairs of a machinery or vehicle shall be done at properly laid repair sheds and workshops so as to ensure due protection to work persons deployed at those places from the movement of heavy earth moving machinery.

8.9 Every place of drilling and earth moving machinery or equipment and every truck, dumper etc. shall be maintained in good and safe working condition.

9.0 Schedule of maintenance:

9.1 The code of instructions furnished by the manufacturers in the matter of maintenance of various machinery and vehicles and preventive maintenance schedules for each type of machinery and vehicle shall be strictly followed.

9.2 Every machine in use shall be thoroughly inspected once at least in every 24 hours by a competent person. Any damaged or worn out parts shall be replaced immediately.

9.3 A report of every inspection made shall be recorded in a bound paged book kept for the purpose and shall be signed & dated by person making the inspection.

9.4 Every machine and vehicle shall be allocated at least one day in every week for maintenance. Before the machine or vehicle is sent out for work after maintenance, it shall be thoroughly inspected by the Engineer or mechanical foreman or other competent person, appointed by the manager in writing, who shall satisfy himself that the machine or vehicle is mechanically sound and in efficient working order.

9.5 A report of every inspection made shall be recorded in a bound paged book kept for the purpose, and shall be signed and dated by the person making the inspection.

10.0 Examination of machinery and vehicle at the beginning of every shift:

10.1 At the commencement of every shift, the engineer or foreman or mechanic or other authorized competent persons shall personally inspect and test every machine and vehicle paying special attention to the following details:

- a) that the brakes and the horn or other warning devices are in working order;
- b) if the vehicle or machine is required to work after day light hours that the lights are in working order.

10.2 He shall not permit the vehicle or machine to be taken out for work nor shall he drive the vehicle unless he is satisfied that it is mechanically sound and in efficient working order.

10.3 He shall also maintain a record of every inspection in a bound paged book kept for the purpose. Every entry in the book shall be signed and dated by the person making the inspection.

11.0 Safety features to be provided on dumpers/tippers, excavators, dozers and drills:

11.1 Dumpers/tippers/trucks: Following safety features shall be provided in dumpers/ tippers/trucks:

- i) Efficient service brake, secondary brake, parking brake and an emergency steering in case the steering system is hydraulically operated; ii) Efficient exhaust/retard brake to control the speed while operating down the gradient;
- iii) Limiting speed device/speed governor for restricting speed of the vehicle within maximum allowable speed value
- iv) Efficient horn;
- v) Rear view mirrors of adequate size on either side of the vehicle and blind spot mirror apart from the rear view mirrors to enable operator to have clear visibility of blind spot in and around dumpers;
- vi) Rear vision system, as required under DGMS (Tech.) Circular No.12 of 2009;
- vii) Automatically operated audio-visual alarm which gets switched on no sooner the gear lever is shifted in “reverse” position, of a type conforming to DGMS Approval No. 1 of 2010;
- viii) Side indicator lights.
- x) Proper seat with seat belt for driver or operator and seat belt reminder to alert operator for using the seat belt;
- xi) A substantially strong canopy to cover the driver’s/operator’s cabin fully;
- xii) Mechanical steering locking to prevent untoward movement of steering wheel and;
- xiii) Mechanical type anti collision device in tippers and dumpers to avoid head to tail collision on haul road such as tail gate, bumper extension or any other strong device;
- xiv) Fire resistant hydraulic hoses in place of ordinary hoses to decrease the chance of fire and fire resistant sleeves and conduits/wires where electric cable/ wire is used;
- xv) Turbo charger guard and exhaust tube coated with heat insulated paint to decrease chance of fire;
- xvi) Battery cut-off switch to decrease chance of fire;
- xvii) Propeller shaft guard;
- xviii) Proximity warning device;
- xix) Retro reflective reflectors on all sides for visibility of trucks or dumpers during night;
- xx) Provision of restricting maximum speed of the vehicle to 30 kms/hour by blocking higher gear or any other automatic means;
- xxi) Factory-fitted fire suppression system of a type approved by the DGMS and conforming to DGMS (Tech.) Circular No.10 of 2004;
- xxii) Body lifting position locking arrangement and a hooter along with an indicator to give warning while the body in lifted position;
- xxiii) Auto dipping system to reduce glaring on eyes of operator during night operation;
- xxiv) Load indicated and recorded to detect and prevent over-loading.

11.2 Shovels/Excavators:

- i) Efficient warning devices
- ii) An approved type of fire extinguisher or other fire suppression system, conforming to DGMS (Tech) Circular No.10 of 2004, in efficient working condition so placed as to be within easy reach of the operator.
- iii) Fire resistant hydraulic hoses in place of ordinary hoses to decrease the chance of fire and fire resistant sleeves and conduits where cable/wire is used;
- iv) A retractable ladder for mounting on to the machine.
- v) Proper seat belt for operator

- vi) Turbo charger guard.
- vii) All functions cut off switch
- viii) Swing motor brake;
- ix) Vent valve on top of hydraulic tank of such a type which is removable without any tool;
- xi) A baffle plate between cold zone and hot zone;
- xii) Provision of limiting travel of hydraulic cylinders – stopper.
- xv) all other warning devices prescribed by the manufacturer;
- xvi) Blinking type of hazard warning lights on all sides of the HEMM which, irrespective of engine's running can be switched on in case the machine breaks down or is stopped/stationed/ parked in operational area of other HEMM,
- xvii) An efficient portable fire extinguisher so placed as to be within easy reach of the operator.

11.3 Drill machines:

- i) Approved type of dust prevention or suppression system
- ii) Adequate protection guard or fencing on each moving part of the machinery
- iii) Emergency of Push Button in
 - (a) Operator's cabin
 - (b) Main Frame
 - (c) Propeller pendent
 - (d) Rear end.
- iv) Thermostat Motor protection relay in winding temperature and other related parts.
- v) Explosive vent in transformer.
- vi) Propel interlock (an electric interlock between drilling and propeller operation).
- vii) High air discharge temperature switch.
- viii) Low lub oil pressure switch.
- ix) Oil stop valve (Electric solenoid valve in compressor lubrication line).
- x) No bump circuit.
- xi) Tower lock and lock check valve.
- xii) Propel joystick-spring loaded type to return to neutral (dead man safety).
- xiii) Disk-brake and brake valve and its testing parameters
- xiv) Lock check vale for preventing creeping in drill.
- xv) Seat belt.
- xvi) Fire resistant/Fire Retarder hydraulic hoses and siring near hot zone.
- xvii) Turbo charger guard.
- xviii) Cabin for the operator at drilling site.
- xix) Tripping device to trip the field switch

11.4 Dozers & Road Graders:

Following safety features shall be provided in dozers & road graders:

- i) Roll-over protection,

- ii) Fire resistant hydraulic hoses,
- iii) Fire-resistant sleeves/conduits housing cables/wires,
- iv) Turbo-charger guard,
- v) Seat belt of a type prescribed by the manufacturer at operator's seat,
- vi) A baffle plate between hot zone and cold zone,
- vii) Front and rear lights of adequate intensity to render adequate illumination within working area of the machine if the machine is required to work beyond day-light hours,
- viii) Blinking type of hazard warning lights on all sides of the HEMM which, irrespective of engine's running can be switched on in case the machine breaks down or is stopped/stationed/ parked in operational area of other HEMM,
- ix) An efficient portable fire extinguisher so placed as to be within easy reach of the operator.
- x) A portable lamp for use in emergency by the operator, unless the loading equipment is not intended to be used beyond day-light hours;

11.5 General:

11.5.1 An approved type of fire suppression system shall be provided in all equipments.

11.5.2 The stability test of HEMM shall be carried out at least once in year and after every major over haul by an independent agency.

11.5.3 All cranes and overhead crane shall be subject to proof load test and NDT test once in a year from a competent authority.

11.5.4 All pressure vessels/air receivers shall be subjected to hydraulic and NDT test and shall be carried out by a competent authority.

11.5.5 A code of practice for installation operation and maintenance of all equipment shall be prepared and implemented before putting the equipment to use in mine.

11.5.6 The layout of the workshop shall be required as per DG's Circular No. 8 of 2003.

11.6 Operation of machines:

11.6.1 (a) Every heavy earth moving machinery (dumper/tipper/truck, excavator/shovel/ back-hoe, loading/digging equipment, dozer & drill) shall be under the charge of a competent person (herein called the 'operator') authorized in writing by the Manager.

(b) Operator/driver of each HEMM shall be selected from amongst persons possessing requisite qualifications. The selection process shall comprise a test to check driving/operating skill, aptitude, health and oral examination of the candidate by a competent selection committee. The selected person shall be trained and their competency shall be evaluated by a board constituted by the mining company.

(c) All operators of HEMM shall undergo regular checks to test their driving/operating skill, knowledge and health once in every five years.

11.6.2 To prevent unauthorized driving, a system shall be evolved whereby the ignition key and/or cabin key always remain with the driver/operator or with specifically designated competent person.

11.6.3 No person other than the operator or his helper if any or the manager or any person so authorized in writing by the manager shall ride on a shovel or excavator.

11.6.4 No person shall be permitted to ride in the bucket of a shovel.

11.6.5 No excavator/shovel/ back-hoe, loading/digging equipment shall be operated in a position where any part of the machine, suspended loads or lines are brought closer than 3 meters to exposed high voltage lines, unless current has been cut off and the line de-energized. A notice of this requirement shall be posted at the operator's position.

11.6.6 Electrical cables, if any, shall be laid in such a manner that they are not endangered either by falling rocks or by any mobile equipment.

11.6.7 Excavator/shovel/ back-hoe or other loading/digging equipment bucket shall be pulled out of the bank as soon as it is full.

11.6.8 When not in operation, the bucket shall be pulled out of the bank.

11.6.9 When being operated in soft or unstable ground, every excavator/shovel/ back-hoe, loading/digging equipment shall be supported by heavy planks or poles so as to distribute the load of the machine over larger area and to prevent any danger of the HEMM over-turning.

11.6.10 When not in use, the excavator/shovel/ back-hoe, loading/digging equipment shall be moved to and stood on stable ground.

11.6.11 If more than one excavator/shovel/ back-hoe, loading/digging equipment is in use in any area, either on the same bench or on different benches, the machines shall be so spaced that there is no danger or accident from flying/falling objects from one machine to the other. Preferably distance between two such loading/digging equipment shall be two times of sum of individual reach of equipments.

11.6.12 All safety features incorporated for use in Heavy Earth Moving Machinery (HEMM) shall adhere to Minimum Design requirements specified in DGMS (Tech) circular No. 06 of 2020, dated 27.02.2020.

12.0 Duties of Machine operators:

12.1 At the commencement of every shift, the operator shall also personally inspect and test the machine, paying special attention to the following details: That brakes and every warning device are in working order; and If the machine is required to work after day-light hours, lights are in working order.

12.2 He shall not take out the machine for work nor shall he operate the machine unless he is satisfied that it is mechanically sound and in efficient working order.

12.3 The operator shall not operate the machine when persons are in such proximity as to be endangered.

12.4 He shall not swing the bucket of shovel over passing haulage units. While the trucks/ dumpers/tippers are being loaded, he shall swing over the body of the truck/dumper/ tipper and not over the cab, unless the cab is protected by a substantially strong cover.

12.5 The operator shall not allow any unauthorized person to ride on the machine.

13.0 Operation of Truck, Dumpers and other Vehicles:

13.1 Every truck/tipper/dumper and other wheeled trackless equipment shall be operated by a competent person authorized in writing by the manager herein called 'operator/ driver'.

13.2 No person other than the driver or the manager or any person authorised in writing by the manager shall ride on a truck/tipper/dumper and other wheeled trackless equipment.

13.3 No person shall or shall be permitted to, ride on the board/cabin platform of a running truck/tipper/dumper and other wheeled trackless equipment.

13.4 As far as possible, loaded trucks/tippers/dumpers shall not be reversed on gradients.

13.5 Sufficient stop blocks shall be provided at every tipping point and these shall be used on every occasion, material is dumped from the truck, dumper, or other such vehicle.

13.6 Standard Traffic Rules shall be adopted and followed during movement of all trucks and dumpers. Code of Traffic Rules framed by the Manager shall be adopted and followed during movement of all truck/tipper/dumper and other wheeled trackless equipment. They shall be prominently displayed at relevant places in the opencast workings & on truck/dumpers roads.

13.7 When not in use, every truck, tipper or dumper or other wheeled trackless machinery shall be moved to and parked at proper parking place(s) which shall be on level ground and away from working area of other mobile equipment. The truck or dumper or other wheeled trackless mach pass it safely. He shall also sound the audible warning signal before overtaking.

13.8 No person shall, or shall be permitted to, work on the chassis of a truck or dumper, with the body in a raised position unless the truck or dumper body has been securely blocked in position. The hoist mechanism shall not be depended upon to hold the body of the truck or dumper in a raised position.

13.9 No person other than those authorised shall be permitted to enter or remain in any dumping yard, loading and unloading points and turning points.

13.10 In respect of every truck/dumper or class of truck/dumper, the maximum load to be hauled shall be determined and notified to operators/drivers by the Manager. Speed limits at which such loads can be hauled shall also be determined and fixed by the Manager, depending on the road gradient, direction of movement, road construction etc., and notices/sign boards specifying the same shall be posted along the haul road at appropriate places/sections.

13.11 When not in use every truck/tipper or dumper shall be moved to and stood on proper parking places.

14.0 Duties of Truck/Tipper/Dumper Operators:

14.1 Before commencing work, the driver/operator shall personally check the dumper/ truck/tipper for oil(s), fuel & water levels, tyre inflation, and general cleanliness, and shall also test the vehicle, paying special attention to the following details :

- (a) that all brakes, speed retarder, and steering system are in proper working order;
- (b) that all safety features and warning devices are in working order;
- (c) that automatically operated audio visual reversing alarm are in working order;
- (d) blind spot mirrors and rear view mirrors are provided;
- (e) that all lights including hazard lights are in working order, if the vehicle is required to work after daylight hours.

14.2(a) The driver/operator shall not take out the vehicle for work nor shall he drive the vehicle, unless he is satisfied that it is mechanically sound and in efficient working order.

(b) He shall wear the seat belt before starting the vehicle and shall also ensure that other person(s), if so authorised to ride the vehicle, are properly seated and also wear safety belts.

14.3 The driver shall keep the cab window clean so as to ensure clear vision at all times.

14.4 The driver shall ensure that parking brake is on, before stopping the engine.

14.5(a) The driver shall handle the truck/tipper/dumper carefully and keep it under control at all times. He shall negotiate downhill gradients in low gear and apply retard brakes so that minimum of braking is required.

(b) He shall not drive too fast, shall avoid distractions and shall drive defensively. He shall not attempt to overtake another vehicle unless he can see clearly area enough ahead to be sure that he can pass it safely without exceeding the speed limit, and that area ahead is free of any road intersection or junction. He shall also sound audible warning signal before overtaking and shall not attempt to pass the other vehicle until he has received a proper audible signal in reply.

(c) When approaching loading/digging equipment, the driver of the truck or dumper shall sound the audible warning signal and shall not attempt to pass the stripping equipment until he has received a proper audible signal in reply.

(d) Before crossing a road or railway line, he shall reduce his speed, look in both direct- ions along the road or railway line and shall proceed across the road or railway line only if it is safe to do so.

(e) He shall not operate the truck or dumper in reverse unless he has a clear view of the area behind the vehicle or he has the assistance of a 'spotter' duly authorized in writing for the purpose by the manager. He shall give an audible warning signal before reversing a truck or dumper.

(f) He shall not drive 'nose to tail' particularly behind a vehicle with twin rear wheels from which a stone piece wedged between the tyres may fly back into the windscreen of his vehicle.

(g) He shall sound audible warning while approaching blind corners or any other points where person may walk in front unexpectedly.

14.6 The driver shall see that the vehicle is not overloaded.

14.7 The driver shall not allow any unauthorized person to ride on the vehicle. He shall also not allow more than the authorized number of persons to ride on the vehicle.

14.8 The driver shall not allow any person to ride on the running board of a truck/tipper or dumper.

14.9 The driver shall not attempt to overtake another vehicle unless he can see clearly far enough ahead to be sure that he can pass it safely. He shall also sound the audible warning signal before overtaking.

15.0 Duties of Mechanics, Fitters and Engineers:

15.1 At the commencement of every shift, he shall personally inspect and test every machine and vehicle paying special attention to the following details: a. that the brakes and the warning devices are in working order; b. if the vehicle or machine is required to work after day-light hours that the lights are in working order.

15.2 He shall not permit the vehicle or machine to be taken out for work nor shall he drive the vehicle unless he is satisfied that it is mechanically sound and in efficient working order.

15.3 The mechanic/fitter/engineer shall maintain a record of every inspection in a bound paged book kept for the purpose. Every entry in the book shall be signed and dated by the person making the inspection.

16.0 Additional duties of engineer in-charge of HEMM/Equipment:

16.1 During each shift, the HEMM, machines, equipments & accessories deployed in the mine, including ones deployed through contractual agencies, shall be placed under the charge of such number of qualified and experienced engineers as are adequate to effect their adequate inspection, examination, and maintenance in a safe working order.

16.2 During his shift the engineer(s) shall -

- (a) inspect & examine machines, equipments and accessories, and satisfy himself that they are in sound and safe working order.
- (b) not allow any machine, equipment to be used, if it is found defective.
- (c) ensure that every machine/equipment/accessory is used in a safe and efficient manner
- (d) ensure that each operation/activity concerning repair, maintenance and operation of machinery/equipment is carried on in a safe and efficient manner.

17.0 Testing of brakes of dumpers/tippers/trucks/mobile HEMM

17.1 Brakes of every truck, dumper and any other wheeled trackless machine shall be tested at least once in two weeks, in a manner as indicated below:

(a) SERVICE BRAKE TEST: The brake shall be tested as specified by the manufacturer of the vehicle or shall be tested by running it on a specified gradient and speed when fully loaded. The vehicle should stop within a distance as specified by the OEM when the brake is applied, which shall be obtained from the manufacturer of the vehicle.

(b) PARKING BRAKE TEST: The parking brake shall be capable to hold the vehicle for a period of at least ten minutes when it is fully loaded and placed at the maximum gradient of roadway on which it is permitted to ply.

17.2 A record of every such test carried on every dumper/truck/tipper/other mobile HEMM shall be kept maintained in a bound paged book which shall be signed by the person carrying out the tests and shall be countersigned by the engineer and the manager. In case any defect in braking system is observed in any equipment/HEMM, such equipment/HEMM shall be taken off from operation and record thereof shall be kept maintained.

17.3 All of the above procedure and precautionary measures regarding i.e. testing of brakes including service brake, retard brake, parking brake and steering shall comply the provisions as stipulated in DGMS Technical Circular Nos.36/1972, 03/1981 and 04/2012 i.e Service brake, Retard brake, parking brake and steering shall be tested with accelerating the engine to 1400 RPM, 1300RPM, 1200 RPM and 1000 RPM respectively.

18.0 Miscellaneous:

18.1 Trucks, tippers and other heavy vehicles, not belonging to management shall not be allowed in the mine premises without a valid pass issued by the manager or competent person authorized for the purpose. Before the pass is issued the mine engineer/competent person shall check the roadworthiness of such vehicle. In order to check the entry of such vehicle in the mine premises, properly manned check gate shall be provided at the mine entrance where the record of entry & exit of each vehicle shall be maintained. At the check gate the license of the drivers shall also be checked for eliminating the possibility of unlicensed persons driving the vehicle.

18.2 Persons engaged in surface operation and in particular the contractor's workers shall be provided closer and competent supervision.

18.3 All persons engaged at any work within the mine premises through the contractors shall be provided relevant training and other job related briefings and that the drivers of the vehicle belonging to contractors entering the mine premises have additionally been explained the salient provisions of "Traffic Rules".

18.4 Each and every operation, including the operation carried out through contractor's worker or by outside agency, shall be placed under the charge of a competent supervisor, duly appointed and authorized by the manager.

18.5 (a) The Manager shall issue to every Driver/Operator, Supervisor and Mine Official connected with the use of Heavy Earth Moving Machinery, a copy of rules/regulations, orders made there-under and guidelines listed in this permission governing his duties, in a language understood by the person concerned. The Manager shall also frame code of practices for each operation and copy of the same shall also be handed over to all concerned in a language understood by the person concerned. The Manager and the Engineer shall be responsible to ensure that all the precautions and guidelines listed in this permission are strictly followed by all concerned. It shall be the duty of all statutory persons to enforce the stipulations of this permission, and codes of practices so framed.

18.6 Manual workers shall not be employed on any bench where HEMM is deployed or on the next lower bench. Manual workers shall be employed only after withdrawal of HEMM and only at the places where benches conform to the requirement of Regulation 106(1), 106(4) and 106(5) of the Metalliferous Mines Regulations, 1961.

18.7 All the precautions and directives given in DGMS circulars issued from time to time shall be compiled with.

18.8 The layout of the workshop for maintenance of HEMM and other equipment shall be as per requirement mentioned in the DG's Circular No.8 of 2003.

19.0 Precaution while drilling:

19.1 The holes shall be drilled in the pattern proposed by the Manager on beginning of that day, in such a way that length of the face shall be more than three times the width of the face having three rows of holes, with spacing and burden as recommended for specific diameter of hole.

19.2 (i) No drilling shall be commenced in an area where shots have been fired, until the shot firer has made a thorough examination at all places, including remaining butts of old deep holes, for unexploded charges that the drill may strike.

(ii) The position of every deep hole to be drilled shall be distinctly marked by the blasting overman so as to be readily seen by the drillers.

(iii) No drill or bore rod or pick shall be inserted in butts of old deep holes even if an examination under Clause (i) has failed to reveal presence of explosives.

19.3 (i) Drilling operations shall not be carried out simultaneously on two benches at places directly one above the other.

(ii) Drilling and charging of deep holes shall not be carried out in the same area at the same time.

19.4 At the beginning of the shift,

A. The drill operator shall examine the drilling equipment and satisfy himself that ; (i) Crown blocks are mounted securely; Where compressed air drills are used, all hose connections are provided with Ceilings and are in order ; and

(ii) The drilling equipment is in safe working condition.

B. The drill operator shall also ensure that;

(i) Work persons keep clear of auger and drill stem while the drill is in motion, Work persons do not work under suspended tools, when tools are removed from the holes, these shall be immediately lowered on the platform; and All finished drill holes are properly plugged so as avoid possible leg injuries to any one accidentally stepping into the hole, or back filling of holes with drill cuttings.

20.0 Precaution while charging of holes:

20.1 Where there is any doubt and particularly where there are cracks and crevices reported in the hole at the time of drilling the bottom 2.0 m length of the hole shall be filled with sand/ water ampoule. In crushed / broken ground charging of the hole shall not be done.

20.2 Explosives shall be delivered first to the hole farthest from the 'Priming Station' so as to avoid persons walking among piles of explosives.

20.3 Not more than one hole shall be in the process of being charged at any one face at any one time.

20.4 All charging, stemming and connecting up shall be done while standing on the solid, that is to say, on the side of holes remote from the quarry face.

20.5 The safe explosives charge for a limiting peak particle velocity shall not exceed the limits recommended at Para 7.2 of D.G.M.S. Circular No.7 of 1997. The P.P.V. of every blast shall be measured and the records of the same shall be maintained in a bound paged book and signed by Blasting Officer and countersigned by the Manager.

20.6 The cartridges of explosive shall be lowered carefully to avoid sticking in the hole so as not to cause air/space. After inserting cartridges the length of the remaining hole shall be measured to ascertain that the cartridges are in close contact and there is no air space.

20.7 In case the length of remaining hole is not as per calculation indicate the presence of air/ space attempt shall be made to push down the charge in case of slurry, cartridges. The remaining hole shall be stemmed with moist sand.

20.8 A proper record of every blast showing the pattern of shot holes and the particulars of charge and observations regarding fly rocks and ground vibrations shall be maintained and countersigned by the manager on every entry. To ascertain the efficacy of the blasting performance regular measurement of ground vibrations by suitable instrument under the supervision and guidance of a reputed scientific institute, shall be done for every blast and record thereof shall be maintained in the bound paged book.

21.0 Precaution while firing of holes:

21.1 A safe code of blasting practice shall be framed by the manager and shall be circulated to all concerned for its strict compliance.

21.2 (i) The Manager shall fix the blasting time and shall circulate it to all concerned and display it on the Notice Board.

(ii) Sufficient warning, by efficient signals or other means (siren) approved by the Manager shall be given over the entire area falling within a radius of 500m from the place of firing (hereinafter referred as the Danger Zone) and also shall be ensured that all the persons within such area have taken proper shelter.

21.3 (i) Shots shall not be fired except during the hours of day light or until adequate artificial light is provided. All holes charged on any one day shall be fired on the same day. Sleeping of holes shall not be permitted till the time specific permission in this regard is obtained.

(ii) As far as practicable the shot firing shall be carried out either between shifts or during the rest interval or at the end of work for the day.

(iii) PWD/Public/Panchayat road, falling within danger zone of 500m, shall be guarded with adequate number of guards during blasting hours.

(iv) Power of HT line and substation falling within danger zone of 300m, shall be cut off and shall be restored after obtaining written permit from Manager or Blasting officer

(v) No Blasting shall be conducted within 100m of any charged HT line.

21.4 During the approach and progress of an electric storm, the following precautions shall be taken:-

i) No explosive, particularly detonators shall be handled.

(ii) If charging operations have begun, the work shall be discontinued until the storm has passed.

(iii) If the blast is to be fired electrically all exposed wires shall be coiled up and if possible placed in the mouth of the holes, or kept covered by something other than a metal plate.

(iv) All wires shall be removed from contact with the steel rails of a haulage track so as to prevent the charge being exploded prematurely by a local strike of the lightening.

21.5 (i) Precautions with regards to taking shelter, etc., as laid down in Regulation 164 shall be complied with.

21.6 A proper record of every blast showing the pattern of shot-holes and particulars of charge and observation regarding fly rock and ground vibrations shall be maintained by the blasting in-charge and shall be countersigned by the Manager on every entry.

22.0 Precautions against Dust:

22.1 Adequate arrangements, to allay dry dust by wetting (by water) / treating (with chemicals) shall be made if, during operation of drilling, loading, unloading, crushing, dressing etc., dust is likely to be produced in such quantity as may be injurious to health of persons, as also, on roads and benches where trucks and dumpers operate. The directives contained in D.G. M. S. (Tech) Circular No.16 of 1975 shall be complied with.

22.2 All drill machines shall be provided with wet drilling arrangement. Drilling of Shot holes or any other hole shall not commence unless a jet of water having adequate pressure is directed on the drill bit.

23.0 Protective equipments, dust, noise etc.:

23.1 Precautions against Noise and Vibration in the working environment: Suitable steps should be taken by all appropriate means to reduce the exposure of workers to any excessive noise and vibration. In this connection, the requirements of D.G. (Tech) Circular No.18 of 1975 should be complied with.

23.2(a) Protective equipment: Every person working in the opencast working shall be provided with, and shall use, a hard hat and reinforced safety boots of a type approved by the Chief Inspector of Mines.

(b) Fluorescent stickers shall be provided on helmets of wearers engaged in the opencast mines for clear visibility in the night.

(c) All work persons employed in the mine shall be provided with fluorescent jackets. It shall be ensured that all such persons wear fluorescent jackets during working hour.

24.0 General Lighting: Where natural lighting is insufficient, adequate general lighting as per the standards laid down in Notification No. GSR-618(E), dated 28th April, 2017, published in the Gazette of India dated 21st June, 2017, Part II Section 3(i). [reproduced in No. DGMS (Legis.) Circular No. 03 of 2017 Dhanbad, dated], issued under Regulation 148(2) shall be provided during working hours in the opencast workings and along roads, etc. For proper inspection of the high sides and benches of the opencast workings at night, suitable search lights shall be provided.

24.1 Illumination survey shall be conducted in every quarter at the mine and its records shall be maintained in bound page book and shall be signed by the person carrying out the test and the manager of mine.

25.0 Additional precautions while deploying contractor workers and machineries not belonging to the owner:

25.1 Buyers' trucks shall be parked away from the mine premises and only such number of trucks shall be allowed to enter the mine which can be accommodated in the dispatch yard and are due for loading during the shift, with due consideration of safety of persons engaged in loading operations.

25.2 Trucks/tippers and other heavy vehicles/machinery, not belonging to management (including trucks./tippers engaged for transport of mineral from opencast workings to Crusher/Siding), shall not be engaged or allowed in the mine premises without a valid pass issued by the manager or other competent person. Before the Pass is issued, the engineer shall ensure the road worthiness of such vehicles.

25.3 In order to check entry of unauthorized trucks, tippers and other vehicles in mine premises, properly manned check gate(s) at the mine entrance (s) shall be set up, where record of entry and exit of each vehicle shall be maintained.

25.4 At the check gate(s), driving license of the drivers shall also be checked for eliminating the possibility of unlicensed persons driving the vehicles. Entry of unauthorized persons shall also be checked and controlled at such check gate(s) which shall be manned suitably for the purpose.

25.5 Persons engaged through contractors in any work within the mine premises shall be imparted relevant training and other job-related briefings, and the drivers/operators of HEMM/trucks/tippers/vehicles belonging to contractors shall additionally be explained the salient provisions of "traffic rules".

26.0 Work by outsourcing or contractual working:-

26.1 Contractor's employees shall be given vocational training and job related briefing before they are deployed for works. They shall also be imparted with specialized training for working in the mine.

26.2 Details of Contractor's employees in suitable form shall be maintained in mine (Form A Form D)

26.3 Contractor's employees shall be issued an identity card.

26.4 Contractor's drivers shall have valid driving license and they will carry the photocopy always.

26.5 If Contractor's transporting Stone etc. from mine to a place outside the mine by Trucks, Tippers then photo copy of papers like registration, Road Tax, Fitness, Insurance, Driver's license etc. shall be available in mine and without these valid papers equipments and drivers shall not be allowed.

26.6 Contractor's equipments and HEMM shall be treated as mine equipments and all rules, regulations, conditions as applicable for mine HEMM & equipments shall be applicable for Contractor's equipments & HEMM also.

26.7 Contractor shall make the arrangement for shift, daily, weekly, fortnightly examination of HEMM and equipments and record shall be maintained in a bound paged register duly signed by the person making the examination and counter-signed by the supervisor/engineer. There shall be a check list for each type of examination for each type of equipment.

26.8 Contractor shall make arrangement for schedule/preventive maintenance of HEMM and equipments as per manufacturer's instructions and record shall be maintained in a bound paged register duly signed by the competent person and countersigned by the supervisor/engineer. There shall be a check list for each type of schedule maintenance for each type of equipment.

26.9 In addition to Contractor's inspection, Mine Management shall arrange for inspection of Contractor's HEMM and equipments at suitable frequency by suitable persons to ensure that they are in safe working condition. Record of such inspections shall be kept in bound paged register duly signed by the competent person and countersigned by the colliery Engineer.

26.10 For supervision of Contractor's workings, supervisors so appointed shall be paid by the Owner and shall be answerable to the Manager

26.11 The contractor shall submit quarterly returns to DGMS indicating Name of his firm, Registration number, Name and Address of person heading the firm, Name of Work, type of deployment of work persons, number of work persons deployed, how many persons hold VT certificate, how many persons undergone IME/PME, type of medical coverage given to the work persons. For contracts of More than three years returns shall be submitted quarterly and for contracts of less than one year, returns shall be submitted monthly.

27.0 Please note that this permission is subject to the following additional conditions:

27.1 In the event of any change in the circumstances connected with this permission/ exemption which is likely to endanger the life of persons employed in the mine or the mine, the mining operations for which this permission has been granted shall be

stopped forthwith and intimation thereof shall be sent to this Directorate. The said mining operation shall not be resumed without express and fresh permission in writing from this Directorate.

27.2 If at any time any one of the conditions, subject to which this permission/exemption has been granted, is violated or not complied with, this permission/exemption shall be deemed to have been revoked with immediate effect.

27.3 This permission/exemption may be amended or withdrawn at any time if considered necessary in the interest of safety and is being issued under Regulation 106(2)(b) of the MMR, 1961, only, without prejudice to any other provisions of law, which may be or may become applicable at any time.

27.4 All statutory provisions of Explosive Act,1884, Mines and Minerals(Development & Regulations) Act, 1957, The Environment (Protection) Act,1986, the Forest (Conservation)Act,1980, Contractor Labour and Abolition Act, 1970, Employees Compensation Act,1923 or other law applicable any time including the Regulations, Rules and Orders made thereunder shall be strictly complied with.

27.5 This Directorate shall be informed as soon as the mining operations are commenced in accordance with the above permission/exemption. Intimation about completion of the mining operations should also be sent promptly and in any case not later than one month thereof.

27.6 This permission/relaxation shall remain valid for a period of 05 (Five) years from the date of issue of this letter or validity of consent to operate or validity of EC or validity of the lease granted by the competent authority expires, whichever occurs earlier.

Your Faithfully



ASHOK KUMAR (DIRECTOR - JABALPUR REGION)

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

Proposal No	IA/MP/MIN/76001/2018
Compliance ID	128830532
Compliance Number(For Tracking)	EC/M/COMPLIANCE/128830532/2025
Reporting Year	2025
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	31-05-2025
RO/SRO Name	Shri Ashok Kumar Sinha
RO/SRO Email	tg035@ifs.nic.in
State	MADHYA PRADESH
RO/SRO Office Address	Integrated Regional Offices, Bhopal
Note:- SMS and E-Mail has been sent to Shri Ashok Kumar Sinha, MADHYA PRADESH with Notification to Project Proponent.	

Annexure: 22 Environment Management cell

Prism Johnson Limited

ENVIRONMENT MANAGEMENT CELL

